SELECTED PUBLICATIONS LIST - 2025

S. No.	Authors	Title	Source title	Volume	Issue	Page start	Page end	Impact Factor	DOI
1	Tang, L.P.; Zhai, L.M.; Li, J.; Gao, Y.; Ma, Q.L.; Li, R.; Liu, Q.F.; Zhang, W.J.; Yao, W.J.; Mu, B.; Qin, C.; Tian, X.; Shaw, R.; Xia, K.; Xu, J.; Su, Y.H.; Zhang, X.S.	Time-resolved reprogramming of single somatic cells into totipotent states during plant regeneration	Cell					42.5	10.1016/j.cell.2025.08.031
2	Premkumar E.; Sreedharan R.; Ghosh P.; Pal T.; Maiti D.; Gandhi T.	Synthesis of lactones and lactams via C(sp3)-H bond functionalization	Chemical Society Reviews					40.4	10.1039/d4cs01152j
3	Dananjaya V.; Hansika N.; Marimuthu S.; Chevali V.; Mishra Y.K.; Grace A.N.; Salim N.; Abeykoon C.	MXenes and its composite structures: synthesis, properties, applications, 3D/4D printing, and artificial intelligence; machine learning integration	Progress in Materials Science	152				33.6	10.1016/j.pmatsci.2025.101433
4	Theerthagiri J.; Karuppasamy K.; Justin Raj C.; Aruna Kumari M.L.; John Kennedy L.; Maia G.; Vadivel N.; Prasad Murthy A.; Alfantazi A.; Kheawhom S.; Choi M.Y.	In situ Spectroscopy: Delineating the mechanistic understanding of electrochemical energy reactions	Progress in Materials Science	152				33.6	10.1016/j.pmatsci.2025.101451

5	Ghosh M.; Nandi S.; Sarkar S.	Photocatalytic and photoelectrochemical reduction of CO2 to value-added chemicals using 2D nanomaterials	Materials Science and Engineering R: Reports	166				31.6	10.1016/j.mser.2025.101029
6	Ghosh, S.; Xue, L.; Mishra, A.; Saha, S.; Dudkowski, D.; Dana, S.K.; Kapitaniak, T.; Kurths, J.; Ji, P.; Hens, C.	Universal nonlinear dynamics in damped and driven physical systems: From Pendula via Josephson junctions to power grids	Physics Reports	1147		1	112	29.5	10.1016/j.physrep.2025.09.005
7	T., Singh, Tumpa; S., Ghosh, Sreetama; A., Sarbajna, Abir	Surface immobilization of base metal molecular catalysts for (photo)electrochemical hydrogen and oxygen evolution reactions	Coordination Chemistry Reviews					23.5	10.1016/j.ccr.2025.217071
8	P.K., Raziya Shaheen, P. K.; A., Sarbajna, Abir	Recent developments in transition metal catalyzed acceptorless dehydrogenation of amines and N?heterocycles	Coordination Chemistry Reviews					23.5	10.1016/j.ccr.2025.217095
9	Taneja, S.; Sharma, K.; Ramasamy, S.K.; Sharma, H.K.; Kumar, A.	Recent advances in colourimetric and fluorescent chemosensors for the selective detection of Group IIIA metal ions with promising applications in various fields	Coordination Chemistry Reviews	550				23.5	10.1016/j.ccr.2025.217369

10	Mendhe, A.C.; Rengasamy, M.; Pradeep, H.; Bhoyar, T.; Chandirasekar, K.; Kore, A.; Elayappan, V.; Mendhe, A.B.; Mandal, S.; Rajaram, K.; Barse, N.S.; Hussain, I.; Kim, M.; Jadhav, S.B.; Noh, H.S.; Kim, Y.; Sun, M.; Lee, H.	Recent advances and insights into carbon-based materials synergistically enhancing MXene for supercapacitor, battery, solar cell, and electrocatalytic applications	Coordination Chemistry Reviews	550				23.5	10.1016/j.ccr.2025.217400
11	Venkatesan H.M.; Woo I.; Yoon J.U.; Gajula P.; Arun A.P.; Bae J.W.	Unveiling the latent potential: Ni/CoFe2O4-loaded electrospun PVDF hybrid composite-based triboelectric nanogenerator for mechanical energy harvesting applications	Advanced Composites and Hybrid Materials	8	2			23.2	10.1007/s42114-025-01296-z
12	Mathew S.; Chintagumpala K.	A review of recent progress in flexible capacitance pressure sensors: materials design, printing methods, and applications	Advanced Composites and Hybrid Materials	8	3			23.2	10.1007/s42114-025-01304-2
13	Priya T.S.; Chen T.-W.; Chen S.-M.; Balaji R.; Chandrasekar N.; Xin-EePhang; Sarigamala K.K.; Hwang M.T.	Imidazolate framework–derived porous ZnO/Co3O4/ZnCo2O4 interfaced nitrogen-rich g-C3N4 sheets for electrochemical detection of nitrofurantoin	Advanced Composites and Hybrid Materials	8	3			23.2	10.1007/s42114-025-01327-9

14	Veedu, A.P.; Kannan, B.; Mohan, A.M.; Prabhakaran, P.	Chromatic ion-receptor decorated UiO-66 MOF and porous hybrid polymer monolithic scaffolds as reusable solid-state opto-sensors for selective capturing of ultra-trace Pb2+ from aqueous samples	Advanced Composites and Hybrid Materials	8	5			21.8	10.1007/s42114-025-01440-9
15	M S.L.; S M.	Advancements in ruthenium-based sensitizers for dye-sensitized solar cells - from structural tailoring to AI-ML	Coordination Chemistry Reviews	530				20.3	10.1016/j.ccr.2025.216472
16	Singh, Y.P.; Moses, J.C.; Kim, M.H.; Gupta, D.; Pal, V.; Deniz, I.D.; Gerhard, E.M.; Ozbolat, I.T.	Three-tier framework for high-throughput biofabrication: Integrating 3D bioprinting, assistive platforms, and translational opportunities	Bioactive Materials	57		726	753	20.3	10.1016/j.bioactmat.2025.11.024
17	A., Tiwari, Aditya; T., Chellapandi, T.; K., Piko?, Krzysztof; M.G., Ganesapillai, Mahesh Ganesh	Recent advances in g-C3N5-based S-scheme heterojunction photocatalysts: From design to application	Advances in Colloid and Interface Science					19.3	10.1016/j.cis.2025.103661
18	Veeramuthu V., Kim S.-U., Lee S.-W., Navamathavan R., Chandran B., Um D.-Y., Oh J.-K., Lee M.-S., Kim Y.-H., Lee C.-R., Ra Y.-H.	Scalable InGaN nanowire μ-LEDs: paving the way for next-generation display technology	National Science Review	12	1			16.3	10.1093/nsr/nwae306
19	Ashina C.; Pugazhenthiran N.; Mangalaraja R.V.; Sathishkumar P.	Review on enhancing solar photocatalysis for sustainable degradation of invisible environmental pollutants	Renewable and Sustainable Energy Reviews	214				16.3	10.1016/j.rser.2025.115490

20	Prakash R.; Gnanasekaran A.; Rengasamy M.; Rajaram K.	A review on recent developments in natural convective solar dryer for agricultural products: Methods, collector design, influencing factors, performance and challenges	Renewable and Sustainable Energy Reviews	215				16.3	10.1016/j.rser.2025.115613
21	Rathod A.A.; Sharma P.; Choudhary A.; Raju S.; Subramanian B.	An efficient framework for proton exchange membrane fuel cell parameter estimation using numerous MH algorithms	Renewable and Sustainable Energy Reviews	216				16.3	10.1016/j.rser.2025.115603
22	Sebastian J.M.; Palaniappan S.; Kaliyaperumal S.; Moorthy P.; Ramachandran B.; Gaddam A.; Sarigamala K.K.	Magnetic field-driven nanomaterial fabrication and redox kinetics manipulation for next-generation supercapacitors	Renewable and Sustainable Energy Reviews	219				16.3	10.1016/j.rser.2025.115876
23	GaneshKumar P.; Praveen Kumar G.; Sivalingam V.; Divya S.; Oh T.H.	Revolutionizing microelectronics cooling: Thermal management with nano-enhanced PCMs, hybrid cooling, conductive foams, and porous structures	Renewable and Sustainable Energy Reviews	222				16.3	10.1016/j.rser.2025.115954
24	Dimitriou, T.; Skandalos, N.; Basak, A.; Chakraborty, S.; D'Agostino, D.; Maduta, C.; Panchabikesan, K.; Parker, D.; Karamanis, D.	Cooling the city, powering the future: A critical assessment of nature-based and technological cooling strategies for urban BIPV systems	Renewable and Sustainable Energy Reviews	227				16.3	10.1016/j.rser.2025.116573

25	A., Wang, Andong; A., Das, Amlan; V.Y., Fedorov, Vladimir Yu; P., Sopea, Pol; S., Tzortzakis, Stelios; D., Grojo, David	In-chip critical plasma seeds for laser writing of reconfigurable silicon photonics systems	Nature Communications	16	1			15.7	10.1038/s41467-025-61983-9
26	Johri A.; Singh R.K.; Kushwaha B.P.; Alhumoudi H.; Alakkas A.; Khoja M.	Leveraging open innovation for e-commerce success: The contingent role of accounting information systems and artificial intelligence	Journal of Innovation and Knowledge	10	4			15.6	10.1016/j.jik.2025.100737
27	N., Radhakrishnan, Niranchana; S., Hemalatha, S.; G.G., Devarajan, Ganesh Gopal; S., Nachiyappan, S.; K., Subramani, Karthick; A., Singhal, Abhishek	Urban data fusion for spatio-temporal incident forecasting using graph attention and generative AI	Information Fusion					15.5	10.1016/j.inffus.2025.103532
28	P., Balakrishnan, P.; A.A., Leema, A. Anny; J., Nagaraj, Jothiaruna; P.J., Assudani, Purshottam Jeevatram; K.M., Sankar, K. Murthi; M.B., Kulkarni, Madhusudan B.; M.L., Bhaiyya, Manish L.	Artificial intelligence for food safety: From predictive models to real-world safeguards	Trends in Food Science and Technology	163				15.4	10.1016/j.tifs.2025.105153

29	Boer D.; Flett C.A.; Flore C.; Kikoła D.; Lansberg J.-P.; Nefedov M.; Van Hulse C.; Bhattacharya S.; Bor J.; Butenschoen M.; Ceccopieri F.; Chen L.; Cheung V.; D'Alesio U.; Echevarria M.; Hatta Y.; Hyde C.E.; Kishore R.; Kosarzewski L.; Lorcé C.; Li W.; Li X.; Maxia L.; Metz A.; Mukherjee A.; Camacho C.M.; Murgia F.; Nadel-Turonski P.; Pisano C.; Qiu J.-W.; Rajesh S.; Rinaldi M.; Rittenhouse West J.; Saleev V.; Santiesteban N.; Setyadi C.; Taels P.; Tu Z.; Vitev I.; Vogt R.; Watanabe K.; Yao X.; Yedelkina Y.; Yoshida S.	Physics case for quarkonium studies at the Electron Ion Collider	Progress in Particle and Nuclear Physics	142				14.5	10.1016/j.ppnp.2025.104162
30	Pophali S.; Su D.-D.; Ata R.; Vijayakanth T.; Nandi S.; Jain R.; Shimon L.J.W.; Misra R.; Barboiu M.	Metal-Directed Self-Assembly of Minimal Heterochiral Peptides into Metallo-Supramolecular β-Helical Tubules for Artificial Transmembrane Water Channels	Journal of the American Chemical Society					14.4	10.1021/jacs.5c03970

31	K., Xie, Kaiqiang; P., Ma, Pan; Y., Fang, Yacheng; H., Yang, Hong; S., Wan, Shiguang; Z., Wu, Zhibin; J., Shi, Jinqiang; K.G., Prashanth, K. G.; P., Gargarella, Piter; L., Zhang, Lunyong	Additive manufacturing of cryogenic chemically complex alloys with sponge bone-like reticular nanoscale superstructure	Composites Part B: Engineering	306				14.2	10.1016/j.compositesb.2025.112786
32	R.R., Chinnappan, Ravindar Raj; S., Dhanasekar, S.	Image enhancement framework combining interval-valued intuitionistic fuzzy sets and fractional sobel operator	Artificial Intelligence Review	58	9			13.9	10.1007/s10462-025-11294-8
33	A., Ajay, Armaano; R., Karthik, R.; A.S., Bisht, Akshaj Singh; A.K., Singh, Abhay Karan	QDeepColonNet: a quantum-based deep learning network for colorectal cancer classification using attention-driven DenseNet and shuffled dynamic local feature extraction network	Artificial Intelligence Review	58	10			13.9	10.1007/s10462-025-11295-7
34	Abraham, L.A.; Palanisamy, G.; Goutham, G.; Nisha, J.S.	Exploring the potential of explainable AI in brain tumor detection and classification: a systematic review	Artificial Intelligence Review	59	1			13.9	10.1007/s10462-025-11410-8
35	S., Saini, Savikriti; S.K., Ramasamy, Selva Kumar; S.K., Ashok Kumar, S. K.	Recent progress in excited-state intramolecular proton transfer-based ratiometry fluorescence probes for environmental detection and monitoring	Trends in Environmental Analytical Chemistry					13.4	10.1016/j.teac.2025.e00279

36	Sheik Moideen Thaha S.K., Sathishkumar P.	Bisphenol A/Bisphenol F mineralization in the presence of self-decorated carbon-QDs@Bi2O2CO3/Ti3C2/g-C3N4 nanocomposites under multi-frequency ultrasound assisted sonophotocatalysis	Chemical Engineering Journal	505				13.3	10.1016/j.cej.2025.159578
37	K.B. I.D., P.M. D.R.V.	The emergence of artificial intelligence in autism spectrum disorder research: A review of neuro imaging and behavioral applications	Computer Science Review	56				13.3	10.1016/j.cosrev.2024.100718
38	Yashly Y.K.; Sreeshma S.P.; Tharinidevi S.K.; Buvaneswari G.; Kumar A.S.	Tailoring spinel cobalt-oxide geometry for ultrahigh sensitive nonenzymatic electrocatalytic oxidation and sensing of glucose in batch injection analysis	Chemical Engineering Journal	507				13.3	10.1016/j.cej.2025.160611
39	P Veedu A.; Kannan B.; Mohan A.M.; Deivasigamani P.	Chromophoric molecular ion-receptor embedded organic-inorganic hybrid monolith as the solid-state optical chemosensor for the selective detection/recovery of ultra-trace uranyl ions	Chemical Engineering Journal	511				13.3	10.1016/j.cej.2025.162110
40	Yadav S.; Priyadarshini M.; Ghangrekar M.M.; Dubey B.K.	Nano-prismatic Fe3C infused hydrochar-based cathode catalyst and self-supported 2D-cathode for efficient remediation of nitrophenol via three-electron Fenton system	Chemical Engineering Journal	516				13.3	10.1016/j.cej.2025.163877

41	Sonu Ashritha K.S.; Dsilva Winfred Rufuss D.	Carbon quantum dots for sustainable water treatment: A critical review on synthesis, properties, challenges and applications in forward osmosis desalination technologies	Chemical Engineering Journal	514				13.3	10.1016/j.cej.2025.163059
42	Ramesh K.; Venkidusamy S.; Ramasamy M.; Murugesan R.; Chandrasekhar A.; Mayandi J.	Strategic on-demand combat against preformed mature bacterial biofilms using a sustainable and flexible chia mucilage-based triboelectric nanogenerator	Chemical Engineering Journal	519				13.3	10.1016/j.cej.2025.164810
43	A., Kashyap, Abhishek; O.J., Shukla, Om Ji; R.D., Raut, Rakesh Dulichand; V.S., Yadav, Vinay Surendra; S., Ghoshal, Sudishna	Traceability Adoption Barriers in Digital Food Supply Chain to Achieve Food Security and Sustainability	Business Strategy and the Environment					13.3	10.1002/bse.70177
44	J., Oh, Jeongkyun; S., Lee, Sang-wook; C., Bagavath, Chandran; S., Kim, Sung-un; D., Um, Dae-young; M., Lee, Min-seok; R., Navamathavan, Rangaswamy; C., Lee, Cheul-ro; Y., Ra, Yongho	Graphene oxide-driven passivation of GaN nanorods for enhanced charge separation and durable seawater PEC hydrogen evolution	Chemical Engineering Journal					13.2	10.1016/j.cej.2025.166625

45	K., P, Krishnaraj; L.K., Sugumar, Lokesh Kumar; B., Sathi, Bhulakshmi; C., Lin, Chuncheng; S., Wang, Shengkai; K.K.R., Tetala, Kishore Kishore R.; S.R., Reddy, Sabbasani Rajasekhara	Sustainable relay strategy for the synthesis of D-glucose-based poly ionic liquid and its fabrication on carbon electrode for simultaneous detection of chromium (VI) and lead (II) in environmental waters	Chemical Engineering Journal					13.2	10.1016/j.cej.2025.167488
46	S., Krishna Kumar, Sangeetha; A.P., Veedu, Anju Pilakka; D., Prabhakaran, Deivasigamani; A.M., Mohan, Akhila Maheswari	Structurally engineered naked-eye optical sensor using chromogenic receptor tethered porous polymer monolith for rapid sensing of ultra-trace toxic Pb(II) from environmental/commercial samples	Chemical Engineering Journal					13.2	10.1016/j.cej.2025.168319
47	Thaha, S.K.S.M.; Panneerselvam, P.; Mangalaraja, R.V.; Basavegowda, N.	Harnessing multi-frequency ultrasound and visible-light for enhanced bisphenol (A/F) mineralization in presence of ultra-small Bi/Bi2MoO6/MXene/g-C3N4 nanocomposites ? energy consumption and toxicity analyses	Chemical Engineering Journal	525				13.2	10.1016/j.cej.2025.169837
48	Chittibabu, S.K.; Chandrasekhar, A.; Krishnamoorthi, K.	Smart Nb?C MXene/Ecoflex triboelectric nanogenerator for energy harvesting and IoT-assisted visualization of color-induced behavioral responses in autism	Chemical Engineering Journal	524				13.2	10.1016/j.cej.2025.169292

49	Manikandan, R.; Raj, C.J.; Jung, H.; Rodney, J.D.; Dennyson Savariraj, A.D.; Periyasamy, P.; Karuppasamy, K.; Santhoshkumar, P.; Kim, B.C.; Oh, J.-M.	Emerging intertwined nanofibers stabilized two-dimensional sodium vanadium pyrophosphate network for high-potential electrode in sodium-ion storage	Chemical Engineering Journal	525				13.2	10.1016/j.cej.2025.170154
50	Nath, S.; Roy, N.; Dey, S.; Christudoss, A.C.; Kundu, R.; Mukherjee, A.; Paul, S.	Novel phosphate zinc controlled release nano-composite (P[sbnd]Zn CRnC) escalates early growth and development in rice under P and Zn deficiency	Chemical Engineering Journal	525				13.2	10.1016/j.cej.2025.170407
51	Sathish, C.I.; Selvarajan, P.; Ramadass, K.; Chu, X.; Yu, X.; Breese, M.B.H.; Yi, J.; Vinu, A.	Tubular carbon nitrides with high nitrogen contents and tunable band structure and their superior ability for CO2 capture and solvent sensing	Chemical Engineering Journal	525				13.2	10.1016/j.cej.2025.170073
52	Pawar, S.; Yazar, K.U.; Thool, K.; Seo, W.-G.; Jeong, C.-G.; Heo, Y.-U.; Choi, S.-H.	Anisotropic compression behavior of 316 L stainless steel at room and cryogenic temperatures: The influence of twinning and transformation mechanisms	International Journal of Plasticity	196				12.8	10.1016/j.ijplas.2025.104572
53	Kewate O.J.; Hussain I.; Prajapati M.; Kumari R.; Ayuningtyas Y.I.; Mhamane D.S.; Mali M.G.; Jacob M.V.; Lin J.-Y.; Kant C.R.; Punniyakoti S.	Unveiling the potential of M2X MXenes: Structure, properties, synthesis strategies, and supercapacitor applications	Composites Part B: Engineering	296				12.7	10.1016/j.compositesb.2025.112237

54	Chakravarthy S., Kishore A., Prabhakaran S., Venkadavarahan M.	Assessing Urban Freight Tours: A Machine Learning and Life Cycle Sustainability Assessment Approach for Logistics Management	Business Strategy and the Environment					12.5	10.1002/bse.4114
55	Mukherjee A.G.; Mishra S.; Gopalakrishnan A.V.; Kannampuzha S.; Murali R.; Wanjari U.R.; B S.; Vellingiri B.; Madhyastha H.; Kanagavel D.; Vijayan M.	Unraveling the mystery of citrate transporters in Alzheimer's disease: An updated review	Ageing Research Reviews	107				12.5	10.1016/j.arr.2025.102726
56	Gattani, A.; Dixit, S.; Patil, M.; Gupta, M.; Navghane, A.; Hule, O.; Srinivasan, K.	Artificial intelligence for fall detection in older adults: A comprehensive survey of machine learning, deep learning approaches, and future directions	Ageing Research Reviews	113				12.4	10.1016/j.arr.2025.102948
57	Pedugu Sivaraman S., Srinivasan P., Madhu D.K., Deivasigamani P., Mohan A.M.	Probe-infused polymer monolithic sensor for colorimetric detection of Pb2+ in environmental water samples and tobacco extracts	Journal of Hazardous Materials	487				12.2	10.1016/j.jhazmat.2025.137247
58	Debroy A., Sinha A.K., Maity C., Pulimi M., Peijnenburg W.J.G.M., Mukherjee A.	In-situ and ex-situ EPS-corona formation on ZnO QDs mitigates their environmental toxicity in the freshwater microalgae Chlorella sp.	Journal of Hazardous Materials	486				12.2	10.1016/j.jhazmat.2024.137034

59	A., Warrier, Arjun; P., Jhariat, Pampa; M., Varghese, Mebin; T.K., Panda, Tamas Kumar	Disorder Driven Triphenylamine Based Monolithic Covalent Organic Framework for the Efficient Removal of Toxic Oxo-Anions From Water	Small					12.1	10.1002/smll.202506837
60	P., Singh, Prabha; S., Tripathi, Sudhakar; A., Bihari, Anand	Exploration of Computational Approaches in Enzyme Classification: Problems and Recent Development?A Critical Review	Archives of Computational Methods in Engineering					12.1	10.1007/s11831-025-10377-7
61	S.S., Senthilkumar, Sudha S.; K., Perumal, Kumaresan; K., Brindha, K.; Y., Hu, Yuchen	Advanced Progress in Optimized Generative Adversarial Network Applications Across Domains: A Comprehensive Survey	Archives of Computational Methods in Engineering					12.1	10.1007/s11831-025-10361-1
62	K., Anand, K.; T., Prakash, Tapan	Computational Methods in Power System State Estimation: A Recent Critical Review, Current Challenges and Future Research Directions	Archives of Computational Methods in Engineering					12.1	10.1007/s11831-025-10327-3
63	D.A., Varughese, Dinah Ann; S.A., Sriadibhatla, Sridevi Adibhatla	Optimization Strategies and Algorithms for Accelerating CNN on FPGA: A Comprehensive Review	Archives of Computational Methods in Engineering					12.1	10.1007/s11831-025-10348-y
64	Jenish, S.A.; Keerthana, S.; Karthik, R.	A Review of Simulated Quantum Computing Applications in Neurological Disease Detection and Classification: Methods and Perspectives	Archives of Computational Methods in Engineering					12.1	10.1007/s11831-025-10421-6

65	Murugan D.; Vasanthakumari Thirumalaiswamy H.; Murugesan V.; Venkatesan J.; Balachandran U.; Lakshminarayanan K.; Satpati D.; Nikolić S.; Rangasamy L.	Unlocking the power of affibody conjugated radioactive metallopharmaceuticals for targeted cancer diagnosis and therapy	Pharmacology and Therapeutics	272				12	10.1016/j.pharmthera.2025.108863
66	Raheem A.; Mandal K.; Biswas S.; Ahari A.; Hassani Najafabadi A.; Farhadi N.; Zehtabi F.; Gangrade A.; Mecwan M.; Maity S.; Sharma S.; Arputharaj J.N.; Khan P.A.; Udduttula A.; Kouchehbaghi N.H.; Khorsandi D.; Vasita R.; Haghniaz R.; Herculano R.D.; John J.V.; Kim H.; Dokmeci M.R.; Popat K.C.; Zhu Y.; Manivasagam G.	Smart biomaterials in healthcare: Breakthroughs in tissue engineering, immunomodulation, patient-specific therapies, and biosensor applications	Applied Physics Reviews	12	1			11.9	10.1063/5.0238817
67	M., Ramaiah, Mangayarkarasi; P., Settu, Prabhavathy; V., Ravi, Vinayakumar	Artificial Intelligence Techniques Enabled Soil Moisture Estimation Frameworks Using Remote Sensing Satellite Images: Challenges and Future Directions- Review	Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery	15	3			11.7	10.1002/widm.70032

68	Vijaya Pandian, S.; Subbiah, G.	A Comprehensive Survey of Deep Learning Methods in Gastro-Intestinal Wireless Capsule Endoscopy Images	Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery	15	4			11.7	10.1002/widm.70052
69	Bhadane, S.; Ganguly, S.; Karanje, M.; Rachaveti, D.; Amutha, S.; Surendiran, B.	A Systematic Review of Movement Tracking for Real-Time Monitoring of Physical Exercises in the Gym	Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery	15	4			11.7	10.1002/widm.70057
70	Chakraborty C.; Bhattacharya M.; Pal S.; Chatterjee S.; Das A.; Lee S.-S.	AI-enabled language models (LMs) to large language models (LLMs) and multimodal large language models (MLLMs) in drug discovery and development	Journal of Advanced Research					11.4	10.1016/j.jare.2025.02.011
71	Anandraj F.N.; Panda T.K.; Thangarasu S.; Palanisamy G.; Neerugatti K.E.	Persulfate salts to combat bacterial resistance in the environment through antibiotic degradation and biofilm disruption	Water Research	284				11.4	10.1016/j.watres.2025.123941
72	Sivaraj C.; Gandhi T.; Maiti D.	Spatially Tweaked Amide-Directing Group Enables High-Turnover Pd Catalysts for Site-Selective Remote C-H Arylation	ACS Catalysis			11563	11572	11.3	10.1021/acscatal.5c02838
73	Periyasamy, P.; Raj, C.J.; Subramanian, P.; Dennyson Savariraj, A.D.; Manikandan, R.; Singh, P.; Dixit, M.; Jung, H.	Exploring the Rational Design and Strategy of Metal Ion-Integrated 3D Hierarchical Spinel Oxide Nano/Microarchitecture for Battery-Supercapacitor Hybrid Energy Storage System	Small Structures					11.3	10.1002/sstr.202500645

74	Velayutham R.; Raj C.J.; Thondaiman P.; Kale A.M.; Manikandan R.; Rodney J.D.; Choi Y.; Lee Y.-J.; Kim M.; Moulton S.; Kim B.C.	Construction of interfacial amorphous/crystalline multi-metal sulfide heterostructures and jellyfish-derived activated carbon for high-energy density hybrid pouch supercapacitors	Journal of Materials Science and Technology	228		155	171	11.2	10.1016/j.jmst.2024.10.055
75	Roy M.P.; Padmavathy C.	Healthcare influencer-follower relationships: The roles of truthful endorsement and endorsement overload	Journal of Retailing and Consumer Services	87				11	10.1016/j.jretconser.2025.104348
76	Z., Ajmal, Zeeshan; A., Qadeer, Abdul; K., Singh, Karanpal; A., Al Mahmud, Abdullah; M.N., Lakhan, Muhammad Nazim; H., Pradeep, Hareesh; B., Hussain, Basharat; A., Ullah, Abid; H.R., Khan, Humaira Rashid; E.H., Ibrahim, Essam H.	A comprehensive review on MXenes for various applications	Applied Energy	397				11	10.1016/j.apenergy.2025.126136
77	M.; R.; R.; E.; Nandagopal, A.	Multi-Criteria Decision Analysis framework: Transitioning from coal to Large-Scale Photovoltaics in Australia for achieving SDG 7	Applied Energy	405				11	10.1016/j.apenergy.2025.127208

78	S.P., Singh, Shailendra Pratap; M., Omar, Marwan; D., Sumathi, D.; P.M., Karthik, P. Murali	Federated Learning-Based Multi-Objective Optimization for IoT-Enabled Distributed Environmental Monitoring in Consumer Electronics	IEEE Transactions on Consumer Electronics					10.9	10.1109/TCE.2025.3594404
79	N., Radhakrishnan, Niranchana; E.S.L., Ayyaswami, Ezil Sam Leni; B.B., Kannan, B. Bharathi; V., Porkodi, V.; S., Hemalatha, S.	Intelligent Spatiotemporal Traffic Optimization Using Federated Model Based Reinforcement Learning for Smart Cities	IEEE Transactions on Consumer Electronics					10.9	10.1109/TCE.2025.3598586
80	J.P., Bhasker, J. Pradeep; A., Shaik, Arshad; E., Porpatham, Ekambaram; R., Jambulingam, Ranjitha; N., Kasianantham, Nanthagopal	Hybridized predictive modelling of hydrogen addition with compressed natural gas in a lean burn spark ignition engine	Energy Conversion and Management					10.9	10.1016/j.enconman.2025.120431
81	Chen Y., Qiu Z., Hu X., Wang T., Li G., Tang Z., Fang C., Sheng W., Zhao J., Yu F., Weng J., Udduttula A., Manivasagam G., Zeng H.	Biofunctional supramolecular injectable hydrogel with spongy-like metal-organic coordination for effective repair of critical-sized calvarial defects	Asian Journal of Pharmaceutical Sciences	20	1			10.7	10.1016/j.ajps.2024.100988
82	Sruthi V.P.; Sarfudeen S.; Panda T.; Thenmozhi K.; Senthilkumar S.	Biomimetic CuO/ZTF-8 nanozyme-based neoteric sensor for the selective detection of superoxide anions	Journal of Materials Chemistry A					10.7	10.1039/d4ta07300b

83	Sivakumar P.; Balamurugan J.; Raj C.J.; Subramanian P.; Savariraj A.D.; Manikandan R.; Jung H.	MOF-derived nickel cobaltite: a pathway to enhanced supercapacitor performance	Journal of Materials Chemistry A	13	8	5961	5973	10.7	10.1039/d4ta06866a
84	Neeraja R.; Anbarasi L.J.	A critical review of artificial intelligence based techniques for automatic prediction of cephalometric landmarks	Artificial Intelligence Review	58	5			10.7	10.1007/s10462-025-11135-8
85	Selvam C.; Sundaram D.	Interval-valued intuitionistic fuzzy generator based low-light enhancement model for referenced image datasets	Artificial Intelligence Review	58	5			10.7	10.1007/s10462-025-11138-5
86	Karthik R.V.; Pandiyaraju V.; Ganapathy S.	A context and sequence-based recommendation framework using GRU networks	Artificial Intelligence Review	58	6			10.7	10.1007/s10462-025-11174-1
87	Sundararajan K.; Padmaja N.; Lee T.H.; Shanmugam L.	Fractional Exponent-Based Looped- Lyapunov Functional for Mode-Dependent Sampled-Data Control of T-S Fuzzy Markovian Jump Systems With H∞ Performance	IEEE Transactions on Fuzzy Systems					10.7	10.1109/TFUZZ.2025.3554270
88	Jeba Prasanna Idas S.; Hemalatha K.; Naveenkumar J.; Joshva Devadas T.	Recent trends on mammogram breast density analysis using deep learning models: neoteric review	Artificial Intelligence Review	58	8			10.7	10.1007/s10462-025-11232-8

89	Manikandan R.; Sivakumar P.; Vandana S.; Kennedy L.J.; Rodney J.D.; Kim B.C.; Jung H.; Oh J.-M.; Raj C.J.	Recycling spent zinc ion primary batteries for use in superior rechargeable lithium-ion energy storage	Journal of Materials Chemistry A	13	25	19831	19839	10.7	10.1039/d5ta02066b
90	Chittibabu S.K.; Chandrasekhar A.; Chintagumpala K.	From energy to intelligence: MXenes transforming triboelectric nanogenerators	Journal of Materials Chemistry A					10.7	10.1039/d5ta02391b
91	Kumar, Y.; Gupta, S.; Nandi, S.; Kumar, A.; Mohanty, P.; Pandey, R.	Mixed-linker approach employing a flexible monomer for constructing highly crystalline multiple-component covalent organic frameworks	Materials Horizons					10.7	10.1039/d5mh01125f
92	Agrawal A.S.; Tarai S.; Mishra B.; Tripathy S.K.	Matter geometry coupling and Casimir wormhole geometry	Journal of High Energy Astrophysics	47				10.2	10.1016/j.jheap.2025.100378
93	Kalaikkanal K.; Gobinath N.	A review on Lithium-ion battery failure risks and mitigation indices for electric vehicle applications	Applied Energy	393				10.1	10.1016/j.apenergy.2025.126139
94	Lim W.M.; Jasim K.M.; Malathi A.	Service robots in healthcare: Toward a healthcare service robot acceptance model (sRAM)	Technology in Society	82				10.1	10.1016/j.techsoc.2025.102932
95	Suthagar, K.S.; Thomas, A.; Mishra, U.	Recycling aluminium and solar truck efficiency enhancement using machine learning approach towards sustainable circular?economy	Journal of Cleaner Production	537				10	10.1016/j.jclepro.2025.147166

96	Saravanan S.; Kumar R.S.; Balakumar P.; Prabaharan N.	Optimal power harvesting under partial shading: Binary Greylag Goose optimization for reconfiguration and Machine learning-Based fault diagnosis in solar PV arrays	Energy Conversion and Management	333				9.9	10.1016/j.enconman.2025.119808
97	Sharma P.; Raju S.	Techno-economic analysis of Retired Electric Vehicle Batteries with Grid-Connected Hybrid Energy System	Energy Conversion and Management	339				9.9	10.1016/j.enconman.2025.119870
98	Aftab, M.A.; Hussain, S.; Farooq, S.M.; Venkatraman, M.S.; Ahmed, S.; Konstantinou, C.	Sunspec Modbus Based Smart Inverter Cyber-Attack Modeling and Mitigation Scheme	IEEE Transactions on Industrial Informatics					9.9	10.1109/TII.2025.3611701
99	Ummu Habeeba, M.A.; Jayashree, P.; Livitha Poornima, M.; Saraswathi, D.; Muralimohan, G.; Edward Jero, S.	FusionPose: a MediaPipe and keypoint R-CNN fused model for enhanced cyclist pose estimation and injury risk prediction	Advanced Engineering Informatics	69				9.9	10.1016/j.aei.2025.104014
100	R., Nasinathan, Rajesh; K., Rajaram, Kamatchi	Measurement of thermal properties and passive cooling of lithium-ion batteries using h-BNNSs and MXene based composite phase change material	Journal of Energy Storage	132				9.8	10.1016/j.est.2025.117809

101	K., Mohamed Jasim, K.; M., Zaman, Mustafeed; P.R., Hasan, Prof Rajibul; S., Akter, Shahriar; T., Vo-Thanh, Tan; D., Vrontis, Demetris	Beyond borders, beyond bills: Unpacking the universal pain of medical expenditures	Journal of Business Research	199				9.8	10.1016/j.jbusres.2025.115566
102	R., Saravanakumar, R.; N., Sivakumar, N.; V.S.K., Devi, V. S.Kirthika; C., Shanthini, C.; D., Jena, Debashisha; E., Ibaceta, Efrain; M., Diaz-D, Matias; J.R., Rodr?guez, Jos? R.	Condition Monitoring of Submodule Capacitors in Modular Multilevel Converters?A Review	Journal of Energy Storage					9.8	10.1016/j.est.2025.117954
103	K.P., Abhinav, K. P.; M.K., Shobana, M. K.	Advanced mesoporous and MXene-based enhanced negative electrode materials for high-performance lithium-ion batteries - A review	Journal of Energy Storage					9.8	10.1016/j.est.2025.118368
104	Vijay Raj, J.; Gugulothu, S.K.; Harish, R.; Ganesh, N.V.	Enhanced solidification of dual sugar alcohol nanoenhanced phase change materials using tapered crossbar fins for solar thermal energy storage	Journal of Energy Storage	142				9.8	10.1016/j.est.2025.119654

105	Kheto, A.; Choudhury, D.B.; Sarkhel, S.; Sarkar, A.; Kumar, Y.; Kaur, S.; Gupta, A.K.; Bist, Y.; Vashishth, R.; Bharath, N.; Sehrawat, R.; Roy, A.; Gul, K.; Kumar, L.	Anti-nutritional factors: Nutrient interactions, processing interventions, and health aspects	Food Chemistry	496				9.8	10.1016/j.foodchem.2025.146746
106	Valanarasu, M.; Kennedy, L.J.	Biogenic synthesis of nanoflower-like CoV?O??2H?O as a high-performance cathode for alkaline zinc-ion aqueous rechargeable batteries with enhanced voltage and long lifespan	Journal of Energy Storage	143				9.8	10.1016/j.est.2025.119593
107	Ashokkumar, A.; Amutha Prabha, N.	Energy management strategy for photovoltaic, fuel cell, battery, and super capacitor in standalone direct current microgrid system	Journal of Energy Storage	144				9.8	10.1016/j.est.2025.119600
108	Banu, A.A.; Selvarajan, P.; G.; N.; Kumar, K.V.; Karazhanov, S.Z.; Jose, S.P.	Two-dimensional monolayer Cr2C mXene: A promising material for energy storage	Journal of Energy Storage	145				9.8	10.1016/j.est.2025.119908
109	Rathod A.A.; Subramanian B.	Design and optimization of various hybrid renewable energy systems using advanced algorithms for powering rural areas	Journal of Cleaner Production	501				9.7	10.1016/j.jclepro.2025.145199

110	Namli, I.; Gupta, D.; Singh, Y.P.; Datta, P.; Muhammad, M.; Baykara, M.; Ozbolat, I.T.	Progressive Insights into 3D Bioprinting for Corneal Tissue Restoration	Advanced Healthcare Materials					9.6	10.1002/adhm.202503372
111	Mandal, S.; Samanta, K.; Debnath, T.; C.s, A.; Kumar, S.; Bose, S.	Closed loop recycling of functional carbon fiber epoxy laminates	Communications Materials	6	1			9.6	10.1038/s43246-025-00937-6
112	K.H., Gandhi, Krish Hemantkumar; M.A., Kelawala, Mihir Ashwinkumar; R., S, Rajesh; C., Chalasani, Chiranjeevi	Advancing sustainable water-energy solutions through a hybrid photovoltaic-thermal stepped solar still	Energy Nexus	19				9.5	10.1016/j.nexus.2025.100466
113	S., Mohammad, Shan; G., Suresh, Govindapuram; S., Haider, Salman	Assessing Energy Efficiency of Indian Chemical Industry: Examine the Role of Innovation and Regional Heterogeneity	Energy Nexus	19				9.5	10.1016/j.nexus.2025.100476
114	P., Jhariat, Pampa; A., Warrier, Arjun; M., Varghese, Mebin; T.K., Panda, Tamas Kumar	Morphology tuned viologen-based covalent organic frameworks: a fast and targeted approach to eliminate toxic organic pollutants from water	Journal of Materials Chemistry A	13	29	23893	23901	9.5	10.1039/d5ta01161b
115	Purushothaman, P.; Abesake, K.R.; Santhosh, V.; Subramanian, S.	Iodine adsorption by thiophene-based covalent organic polymer: a study of structural influence on performance	Journal of Materials Chemistry A	13	38	32362	32374	9.5	10.1039/d5ta04712a

116	Ganesan, S.; Bhatt, D.; Satheesh, D.; Kokulnathan, T.; Pant, P.; Bharathi, D.S.; Baskar, L.; Sahoo, N.G.; Palaniappan, A.; Kovendhan, K.	High entropy alloys: a comprehensive review of synthesis, properties, and characterization for electrochemical energy conversion and storage applications	Journal of Materials Chemistry A					9.5	10.1039/d5ta03746h
117	Neelima, J.; Singh, R.K.	Recent advances in anion-exchange membranes for electrolyzers, fuel cells and redox-flow batteries	Journal of Materials Chemistry A					9.5	10.1039/d5ta05392g
118	Sharma, R.; Rawat, A.; Singh, A.; Merlin Johny, J.; Gautam, A.; Parui, J.; Das, T.; Halder, A.	Fe-doped CuCo2 S4 thiospinel as a high-performance oxygen electrocatalyst for rechargeable all-solid-state zinc?air batteries	Journal of Materials Chemistry A					9.5	10.1039/d5ta07350b
119	Elazar A.; D A S.M.; Madan Babu M.	Interrogating nucleotide sequences with AI to understand codon usage patterns	Proceedings of the National Academy of Sciences of the United States of America	122	7	e2426326122		9.4	10.1073/pnas.2426326122
120	Raj, J.V.; Abhijith, M.S.; Godson Asirvatham, L.G.; Harish, R.	Synergistic enhancement of D-Mannitol solidification using hybrid nanoparticles and wavy spine-crossbar fins in a cylindrical latent heat storage unit	Energy	339				9.4	10.1016/j.energy.2025.139002

121	A.K., Sathe, Aarya Kedar; D.A., Kumar, Diya Anil; K., Mehta, Krish; A.K., Saxena, A. K.; V.K., Barnwal, Vivek Kumar; S.T., Reddy, S. Tejanath; S., Suwas, Satyam; S., Choi, Shihoon; K.U., Yazar, K. U.	Mitigating room-temperature tensile and creep anisotropy in laser powder bed fusion processed Ti6Al4V by modulating slip activity and intervariant boundary distribution through post-printing heat treatment	Acta Materialia					9.3	10.1016/j.actamat.2025.121454
122	Mohan A.A.; Talwar P.	MAM kinases: physiological roles, related diseases, and therapeutic perspectives—a systematic review	Cellular and Molecular Biology Letters	30	1			9.2	10.1186/s11658-025-00714-w
123	Kamalanathan A.S.; Agarwal V.; Talamini L.; Muller S.	Autophagy in myositis, a dysregulated pathway, and a target for therapy	Autoimmunity Reviews	24	7			9.2	10.1016/j.autrev.2025.103817
124	B., R.k, Bharath; A., Tripathy, Ashis	Pencil-on-paper drawn Mn1.5Cr1.5O4 spinel oxide based biodegradable humidity sensor for respiration monitoring	Sustainable Materials and Technologies					9.2	10.1016/j.susmat.2025.e01590
125	Seyadu Abuthahir P.; Manikandan M.; Manikandan E.	Electrochemical detection of sulfamethoxazole antibiotics in water using MXene/ZIF-8 composite modified glassy carbon electrode	npj 2D Materials and Applications	9	1			9.1	10.1038/s41699-025-00555-3
126	M., Golla, Mallikarjuna; D.V., Sudarsan Reddy, Duttaluri Venkata; S., Thangavel, S.	A unified single-controller approach of an MPPT and droop control for solar PVs in DC microgrid under unequal and partial shading conditions	Renewable Energy	0				9.1	10.1016/j.renene.2025.123940

127	S., Anil, Sreekant; D., Maity, Dipak; S., Adabala, Snehith; A., De, Arpan; N.S., Kamath, Nagendra S.; R., Hammad, Raheel; J.J., Panda, Janmey Jay; R.K., Biroju, Ravi K.; V., Vreten?r, Viliam; R., G, Rajalakshmi	Valley Engineering of Monolayer MoS2via Substitutional Cr and V Dopants and the Mechanistic Insights	Nano Letters					9.1	10.1021/acs.nanolett.5c03877
128	Josephin J S, F.; Subramanian, B.; Renjit, E.J.; S, N.V.; Sugumaran, V.; Subramanian, T.; Anka, F.; Varuvel, E.G.; Matijo?ius, J.; Kilikevi?ius, A.	Tree-based ensemble regression models for emission prediction of a winter green oil-hydrogen dual-fuel engine with zeolite after-treatment	Renewable Energy	257				9.1	10.1016/j.renene.2025.124726
129	Lohani, H.; Bano, A.; Ghosh, A.; Kumar, A.; Kumar, D.; Kumari, P.; Major, D.T.; Mitra, S.	Tuning Interphase Composition in Sodium-Ion Batteries via Co-Solvent Selection and Anion-Driven Solvation Shell Engineering	Small Methods					9.1	10.1002/smtd.202501563
130	Vignesh Kumar V., Madhesh K., Sanjay K., Guru Prasath P., Pavish Karthik A., Praveen Kumar G.	A novel ensemble machine learning approach for optimizing sustainability and green hydrogen production in hybrid renewable-based organic Rankine cycle-operated proton exchange membrane electrolyser system	Renewable Energy	242				9	10.1016/j.renene.2025.122369

131	Gurusamy A.; Bokdia A.; Kumar H.; Ashok B.; Gunavathi C.	Appositeness of automated machine learning libraries on prediction of energy consumption for electric two-wheelers based on micro-trip approach	Energy	320				9	10.1016/j.energy.2025.135199
132	Maheswari N.; Sahaya J.; Rama Mohan P.; Joselin Jeya Sheela J.	Maximizing electric vehicle efficiency: Integrating direct torque control for two-wheel drive system using performance enhancing approach	Energy	324				9	10.1016/j.energy.2025.135237
133	Pochont N.R.; Raja Sekhar Y.; Brito M.C.; Tirupati Rao V.	An empirical assessment of transient irradiance to foster vehicle-integrated photovoltaics technology in highway routes–An Indian case study	Energy	328				9	10.1016/j.energy.2025.136503
134	Santhappan J.S.; Narasimman K.; Winsly B.W.; Varghese A.F.; Mathimani T.	A critical evaluation of the progression in industrial waste utilization to achieve energy transition targets: technological obstacles, carbon footprint reduction, and life cycle assessment	Renewable Energy	252				9	10.1016/j.renene.2025.123469
135	Rao V.T.; Pochont N.R.; Sekhar Y.R.; Eswaramoorthy M.	Feasibility study of green hydrogen generation from wind power plants under Indian climatic conditions	Renewable Energy	252				9	10.1016/j.renene.2025.123488
136	Abishek M.; Goyal J.K.; Amutha Prabha N.; Kouki M.	Robust L2 based PI controller design for voltage regulation of auxiliary power units in electric vehicles through polytopic modeling	Energy	331				9	10.1016/j.energy.2025.136657

137	Kim S.-H.; Rodney J.D.; Kim G.-H.; Velayutham R.; Kale A.M.; Deepapriya S.; Jauhar R.M.; Raj C.J.; Cho W.-J.; Kim B.C.	Dual transition metal in tetrahedral site-incorporated lanthanum ferrite nanoparticles as high-performance electrocatalysts for anion exchange membrane water electrolysis	Materials Today Energy	52				9	10.1016/j.mtener.2025.101952
138	Kumar S A.; Narasimman K.	Utilization of algal biomass-derived carbon in the alkaline water electrolysis for hydrogen production	Renewable Energy	254				9	10.1016/j.renene.2025.123760
139	T., Ravi, Tharanyalakshmi; M.P., Saravanakumar, Manickam Puratchiveeran	Binary Ca/Mn based carbonaceous feathery light foam for ﷺ phosphate removal: Unravelling pragmatic and mechanistic insights, dissolved organic matter implications and Machine Learning predictive modelling	Separation and Purification Technology	377				9	10.1016/j.seppur.2025.134210
140	C.N D.; Behura A.K.	Impact of sensible and latent heat energy storage combined on drying kinetics and quality of potato slices in a mixed mode solar dryer: Experimental and economic study	Journal of Energy Storage	114				8.9	10.1016/j.est.2025.115774
141	P.T. M.S.; Bal D.K.; Sahoo B.B.	A technical review on controlling the Li-ion battery temperature through composite phase change materials and hybrid cooling techniques	Journal of Energy Storage	112				8.9	10.1016/j.est.2025.115584

142	Vaishali M.S.; Priyadarshini N.; Perumal I.; Tadi K.K.	Construction of manganese molybdates integrated nanosheet like graphitic carbon nitride as electrode material for symmetric and asymmetric supercapacitors	Journal of Energy Storage	117				8.9	10.1016/j.est.2025.116156
143	Jose A.; Shrivastava S.	The advancements and research trends in state of charge estimation for lithium-ion batteries over the last two decades: A visualization analysis based on bibliometric data	Journal of Energy Storage	123				8.9	10.1016/j.est.2025.116610
144	Saranya S.T.; Bhowmik P.	Capacity degradation influenced state of charge and life cycle prediction through tri-layered WNN model with extensive energy storage characterization	Journal of Energy Storage	124				8.9	10.1016/j.est.2025.116767
145	Manikandan E.; Muthulakshmi M.; Abuthahir S.; Papanasam E.; Dubal D.D.; Ansari S.A.; Manikandan E.	Synthesis and fabrication of MXene/copper selenide composite for high-performance asymmetric supercapacitor	Journal of Energy Storage	126				8.9	10.1016/j.est.2025.117038
146	Kumaresan N.; Rammohan A.	Adaptive neuro fuzzy inference system based optimized energy management strategy for the power integration of battery and supercapacitor in electric vehicle	Journal of Energy Storage	126				8.9	10.1016/j.est.2025.117073

147	M.K., Nallakaruppan, M. K.; R.K., Dhanaraj, Rajesh Kumar; S., Shukla, Shubhi; S., Krishnamoorthi, Saravanan; R.K., Kaushal, Rajesh Kumar; M.K., Goyal, Mayank Kumar; S., Basheer, Shakila; M.T., Quasim, Mohammad Tabrez	A Federated Autoencoder Framework With Explainable AI for Intelligent 6G-IoT Infrastructure Optimization	IEEE Internet of Things Journal					8.9	10.1109/JIOT.2025.3606232
148	Selvaraj, A.K.; Kannan, K.S.; Krishnamoorthy, S.R.; Anandhan, D.K.; Prathiba, S.B.; Sah, D.K.; Donta, P.K.	QuaRTA-6G: Unified Post-Quantum Security and Quantum Learning for UAVs in 6G IoT	IEEE Internet of Things Journal					8.9	10.1109/JIOT.2025.3631644
149	Nagarajan S.M.; Devarajan G.G.; Asha Jerlin A.J.M.; Arockiam D.; Bashir A.K.; Dabel M.M.A.	Deep Multi-Source Visual Fusion With Transformer Model for Video Content Filtering	IEEE Journal on Selected Topics in Signal Processing					8.7	10.1109/JSTSP.2025.3569446
150	Subramanian, S.; Praveenkumar, K.; Rameshbabu, N.; Lokeshraj, K.; Raheem, A.; Jayaraj, J.; Prashanth, K.G.	Biofunctionalization of SLM Ti?40Nb alloy through hydroxyapatite-modified plasma electrolytic oxidation coating	Applied Surface Science Advances	31				8.7	10.1016/j.apsadv.2025.100917

151	Priya Lakshmi R., Ganesh Babu S.	Porous activated carbon from waste chili pedicle encapsulating Cu2O nanoparticles with fine-tuned morphologies: A custom-designed catalyst for friedel-crafts arylation reactions	Sustainable Materials and Technologies	43				8.6	10.1016/j.susmat.2024.e01226
152	Sethulakshmi A.G.; Saravanakumar M.P.	Reusing cellulose acetate microplastic fibres derived from discarded cigarette butts as superior adsorbent for lead ions: UV ageing, adsorption mechanisms and DOM investigation	Sustainable Materials and Technologies	43				8.6	10.1016/j.susmat.2025.e01319
153	Singh R.; Pratap R.; Arackal Narayanan J.; Thangamani G.; Krishnan V.V.; Arjunan A.; Hughes D.	Advances in additive manufacturing of fuel cells: A review of technologies, materials, and challenges	Sustainable Materials and Technologies	43				8.6	10.1016/j.susmat.2025.e01317
154	Harikaran B.; Harshavarthini S.; Lee S.; Sakthivel R.; Sathiyaraj T.	New Results on Interval Type-3 Fuzzy Control for Nonlinear Time-Delay Systems Using Convex Relaxation Technique	IEEE Transactions on Systems, Man, and Cybernetics: Systems					8.6	10.1109/TSMC.2025.3543170
155	Lakshmi Priya R.; Ganesh Babu S.	Impact of morphology and hierarchically porous properties of NiO-loaded chicken feather activated carbon composites on catalytic activity towards chromenes synthesis	Sustainable Materials and Technologies	44				8.6	10.1016/j.susmat.2025.e01417
156	Vineetha B.; Nirmala M.	Tri-Algo guardian ensemble approach for fake news detection in social media	Journal of Big Data	12	1			8.6	10.1186/s40537-025-01161-2

157	S.K., Ganesh, Sanjeev K.; A., Chakravorty, Arghya; V., Raghavan, Vimala; C., Subathra Devi, C.	Chitosan coated ZnO/Tio2/Gd2O3 nano composites for improved rapamycin delivery in non-small cell lung cancer	International Journal of Biological Macromolecules	319				8.5	10.1016/j.ijbiomac.2025.145439
158	A., Tejaswini, Appidi; S., Navya, S.; K.G., Poornima, K. G.; E., Petit, Emmanuel; R., El Boutachfaiti, Redouan; A., Mehta, Alka; C., Shanthi, C.; C., Delattre, C□dric	Bioactive collagen peptide functionalized polyglucuronic acid - In vitro analysis as a potential biomaterial for bone tissue engineering	International Journal of Biological Macromolecules	319				8.5	10.1016/j.ijbiomac.2025.145735
159	M.H., Rashid, Md Harun; R., Karn, Rohit; A., Emerson I, Arnold; J.M., Khan, Javed Masood; A., Malik, Ajamaluddin; A., Jain, Abha; P., Sen, Priyankar	Interaction between Coomassie Brilliant Blue and hen egg white lysozyme: Insights from molecular docking, simulation, fluorescence quenching, and FTIR	International Journal of Biological Macromolecules	321				8.5	10.1016/j.ijbiomac.2025.146140
160	V., Yuvaraju, V.; S., Thangavel, S.; M., Golla, Mallikarjuna	Optimal placement of phasor measurement unit for implementation of WAMS in a grid system	Swarm and Evolutionary Computation	97				8.5	10.1016/j.swevo.2025.102041

161	R.P., Rajamani, Raja Priya; S.S., Khora, Samanta Sekhar	Insights into recent advancements and future prospects of carrageenan-based biodegradable film from marine red algae: A review	International Journal of Biological Macromolecules	320				8.5	10.1016/j.ijbiomac.2025.145805
162	A., Sharmila, Arunagiri; C.I., Selvaraj, Chinnadurai Immanuel	Facile synthesis of xanthan gum-based sheets loaded with ganoderic acid F for evaluation of therapeutic potential, molecular docking, and ADMET profiling	International Journal of Biological Macromolecules					8.5	10.1016/j.ijbiomac.2025.146619
163	J.T., Koshy, Jijo Thomas; D., Sangeetha, Dhanaraj; V., Ananya, Velagapudi; T.S., Arthi, T. Suruthika; P., Vijay, Pooja	Physically crosslinked freeze-thaw cryogels reinforced with functional nanocellulose derivatives (CM-CNFs) derived from biomass for wound dressing applications	International Journal of Biological Macromolecules					8.5	10.1016/j.ijbiomac.2025.147185
164	A.B., Narayan, Anand Badhri; E.J.R., Nelson, E. J. R.	Molecular dynamics simulations of perforin mutations associated with familial hemophagocytic lymphohistiocytosis type 2 among Indian patients	International Journal of Biological Macromolecules					8.5	10.1016/j.ijbiomac.2025.147206
165	Dasgupta, S.; Noor, A.	Citrus sinensis peel polyphenols loaded alginate nanoparticles: Enhanced stability and anti-diabetic efficacy via bidirectional AMPK regulation and NF-?B suppression	International Journal of Biological Macromolecules	330				8.5	10.1016/j.ijbiomac.2025.148089

166	Jothinathan, D.B.; S R, S.	Fabrication, characterization, and physicochemical properties of curcumin incorporated new P. vulgaris polysaccharides bio-composite film; potent drug carrier, antibacterial, and antioxidant properties	International Journal of Biological Macromolecules	330				8.5	10.1016/j.ijbiomac.2025.148165
167	Kumar, S.S.; Sonthalia, M.; Jaiswal, A.K.; Sadanandan, S.; Appukuttan, A.	Highly tunable coconut shell lignin-gelatin crosslinked hydrogel for controlled drug delivery in wound healing	International Journal of Biological Macromolecules	330				8.5	10.1016/j.ijbiomac.2025.148311
168	Das, A.; Rajendran, A.K.; Chandramouli, A.; Hwang, N.S.; Jayakumar, J.	Osteogenic and angiogenic gelatin-coated Whitlockite nanoparticles incorporated chitosan composite scaffold for alveolar bone regeneration	International Journal of Biological Macromolecules	335				8.5	10.1016/j.ijbiomac.2025.149208
169	Sharma, Y.; Shankar, V.	Polysaccharide synergy of alginate/kappa carrageenan with microalgal system for sustainable heavy metal remediation	International Journal of Biological Macromolecules	338				8.5	10.1016/j.ijbiomac.2025.149224
170	K.S., Arikumar, K. S.; Y., Govindarajan, Yeshwanth; B.S., Beni Prathiba, B. Sahaya; A.A., Vinod, A. Aashish; A.G.V., Pranav, A. G.Vishal; Z., Zhu, Zhu; T.R., Gadekallu, Thippa Reddy	Federated Learning and Digital Twin-Enabled Distributed Intelligence Framework for 6G Autonomous Transport Systems	IEEE Transactions on Intelligent Transportation Systems					8.4	10.1109/TITS.2025.3587448

171	Paul, S.S.; Dey, A.; Chanu, Y.M.; Paul, J.; Jerome, J.; Dahiya, S.S.; Punia, B.S.	Altered rumen microbiome of water buffalo (Bubalus bubalis) by dietary composite feed additive enhances growth and nutrient utilization with reduced enteric methane and nitrogen emissions	Journal of Environmental Management	397				8.4	10.1016/j.jenvman.2025.128347
172	Richhariya V., Tripathy A., Carvalho O., Gomes J., Nine M.J., Silva F.S.	Capillary-Enhanced Biomimetic Adhesion on Icy Surfaces for High-Performance Antislip Shoe-Soles	ACS Applied Materials and Interfaces	17	1	2450	2461	8.3	10.1021/acsami.4c14496
173	Selvaraj S.; Thampy A.S.	Black Phosphorus: Paving the Way for Flexible Supercapacitors in Wearable Electronics	ACS Applied Materials and Interfaces					8.3	10.1021/acsami.5c00574
174	V.A., Panchenko, Vladimir A.; A.A., Kovalev, Andrey A.; S., Chakraborty, Suprava	Agrivoltaics and green hydrogen ◆ Symbiosis of solar energy technologies for sustainable development of humanity	International Journal of Hydrogen Energy	153				8.3	10.1016/j.ijhydene.2025.150205

175	N., Munnelli, Nagaveni; B., Urupalli, Bharagav; V., Navakoteswara Rao, Vempuluru; L.R., Nagappagari, Lakshmana Reddy; R., Parthasarathy, Ramya; C., Kanakkampalayam Krishnan, Cheralathan; A.K.R., Police, Anil Kumar Reddy; M.K., Murikinati, Mamatha Kumari; R., Selvaraj, Rengaraj; S., Bae, Sungjun	Continuous hydrogen production from sunrise to sunset: Advancing photocatalytic stability via interface-engineered nanocomposite tris-s-triazine g-C3N4/ZnIn2S4 heterostructure	International Journal of Hydrogen Energy	157				8.3	10.1016/j.ijhydene.2025.150376
176	S.M., Hunachal, Santoshkumar M.; G., Arunkumar, G.	Modified Quasi-Z-Source Resonant Converter?Based Concurrent CC-CV Charging in a Dual-Port Charger for EV Applications	IEEE Transactions on Transportation Electrification					8.3	10.1109/TTE.2025.3563222

177	M., Yeo, Miji; D., Gupta, Deepak; I.D., Derman, Irem Deniz; S., Yildirim, Sendegul; Y.P., Singh, Yogendra Pratap; E.M., Gerhard, Ethan Michael; E.B., Rizk, Elias B.; T., Neuberger, Thomas; S.D., Simon, Scott Douglas; I.T., Ozbolat, Ibrahim T.	Intraoperative Bioprinting for Craniomaxillofacial Bone Reconstruction in Rats and Sheep	Small Science					8.3	10.1002/smsc.202400621
178	V., Venkateshwaran, V.; S., Jeyakumar, Suppandipillai; H.A.K., Desai, Himanshu Ashish Kumar; S., Gupta, Sarthak; R.G., Kumar, Rahul G.; A., Satheesh, A.; P., Padmanathan, Panneerselvam	The impact of diamond struts and strategic injector placement for flame holding and enhanced combustion efficiency in scramjet combustor	International Journal of Hydrogen Energy					8.3	10.1016/j.ijhydene.2025.151335
179	N., Vyshakh Viswanath, N.; J., Radhakrishnan, Jagan; K., Biswas, Krishnendu	A comprehensive review of synthetic methodologies, photo/photoelectro-catalytic hydrogen evolution performance and pollutant degradation capabilities of CuGaS2 based materials	International Journal of Hydrogen Energy					8.3	10.1016/j.ijhydene.2025.151588

180	Kalaiselvan, K.; Mathimani, T.	Advances in microbial processes for biohydrogen production: biomass diversification, parameter optimization, and microbial fuel cell-microbial electrolysis cell hybrid system	International Journal of Hydrogen Energy	189				8.3	10.1016/j.ijhydene.2025.152179
181	Tiwari, A.; Tomoki, I.; Kenji, W.; Ganesapillai, M.; Singh, A.; Nakamura, K.	Forward osmosis membrane bioreactor for sustainable hydrogen production from waste molasses	International Journal of Hydrogen Energy	182				8.3	10.1016/j.ijhydene.2025.151829
182	Subha, N.; Pooja, K.A.; Arunagirinathan, A.	Binder-free 3D mixed metal-oxide architecture derived from layered double hydroxide with rich edge sites for efficient high-current water electrolysis	International Journal of Hydrogen Energy	191				8.3	10.1016/j.ijhydene.2025.152334
183	Raja G.; Anbalagan S.; Gurumoorthy S.; Jegathesan D.; Girivel N.S.; Sundaram V.M.S.; Khowaja S.A.; Dev K.	Emergency Vehicle Navigation in Connected Autonomous Systems Using Enhanced Traffic Management System	IEEE Internet of Things Journal					8.2	10.1109/JIOT.2025.3545424
184	Prathiba S.B.; Krishnamoorthy S.R.; Kannan K.S.; Selvaraj A.K.; Ranganayakulu D.; Fang K.; Gadekallu T.R.	Digital Twin-Enabled Real-Time Optimization System for Traffic and Power Grid Management in 6G-Driven Smart Cities	IEEE Internet of Things Journal					8.2	10.1109/JIOT.2025.3565574

185	M., Manikandan, M.; null; P., Senthilkumar, P.; E., Manikandan, E.	Synthesis of a MXene/Metal?Organic Framework Composite for Efficient Supercapacitor and Electrocatalytic CO2Reduction	ACS Applied Materials and Interfaces					8.2	10.1021/acsami.5c07809
186	Sishu, N.K.; Selvaraj, C.I.	Cichoriin, a coumarin glycoside with antidiabetic effect and cardioprotective activity against H2O2induced oxidative stress in H9c2 cells: in-vitro and in-silico study	Free Radical Biology and Medicine	241		671	688	8.2	10.1016/j.freeradbiomed.2025.10.251
187	Jagadeesan, D.; Solayman, H.M.; Hsu, C.-J.; Lu, W.-L.; Shiu, R.-F.; Lin, Y.-F.; Jiang, J.-J.	Hierarchical ultra microporous aluminum based metal organic aerogels for water purification: Kinetic, isotherm, and regeneration insights into diclofenac adsorption	Water Research X	29				8.2	10.1016/j.wroa.2025.100424
188	Bharanidharan, N.; Chakravarthy S R, S.; Venkatesan, V.	Optimized Extreme Learning Machine for Breast Tumor Classification Using Mammograms	IEEE Open Journal of the Computer Society					8.2	10.1109/OJCS.2025.3618312
189	Sarfudeen, S.; Varghese, M.; Panda, T.	Design, Synthesis, and Applications of Emerging Zeolitic Tetrazolate Frameworks	ACS Applied Materials and Interfaces	17	40	55720	55750	8.2	10.1021/acsami.5c12666
190	Kamalakannan, M.; Thomas, J.	Ecotoxicity of emerging pollutants: Interactive impact of polystyrene nanoplastics and Metanil yellow on Artemia salina	Environmental Chemistry and Ecotoxicology	8		76	88	8.2	10.1016/j.enceco.2025.11.002

191	Kar, H.; Perumal, P.	Epsilon-Guided Spatiotemporal Transformer: An Exponential Error Reduction for Multi-Memory Multilingual Sign Interpreter	IEEE Open Journal of the Computer Society					8.2	10.1109/OJCS.2025.3629116
192	Neeraja, R.; Anbarasi, L.J.; Raj, B.E.; Narayanan, S.	Leveraging AdamW Golden Search Optimized Multi-Level Attention Stacked Feature Generators for Cephalometric Landmark Prediction	IEEE Open Journal of the Computer Society					8.2	10.1109/OJCS.2025.3626958
193	Maurya H.S., Marczyk J., Juhani K., Sergejev F., Kumar R., Hussain A., Akhtar F., Hebda M., Prashanth K.G.	Binder jetting 3D printing of green TiC-FeCr based cermets-Effect of sintering temperature and systematic comparison study with Laser powder bed fusion fabricated parts	Materials Today Advances	25				8.1	10.1016/j.mtadv.2025.100562
194	Maiti P.; Chatterjee A.; Mishra A.; Biswas S.; Anishka; Meikap B.C.	Thiazine dye sorption onto (NH4)2S2O8 treated bio-adsorbent: Implications for batch and fixed-bed column applications	Separation and Purification Technology	363				8.1	10.1016/j.seppur.2025.132256
195	Sathishkumar S.; Ibrahim M.M.	Hydrogen powered reactivity controlled compression ignition engine operation with split injection regimens for combustion and performance prediction: Experimental analysis coupled with machine learning approach	International Journal of Hydrogen Energy	106		1198	1219	8.1	10.1016/j.ijhydene.2025.02.042

196	Subudhi P.; Sivapatham S.; Narasimhan A R.; Kumar B.; Punetha D.	Enhancing photovoltaic performance in tin-based perovskite solar cells: A unified approach utilizing numerical simulation and machine learning techniques	Journal of Power Sources	639				8.1	10.1016/j.jpowsour.2025.236639
197	Selvaraj P.; Vemuluri R.B.	Dynamic analysis of composite laminated sandwich plates with graphene-reinforced magnetorheological elastomer: Numerical and experimental study	Composites Part A: Applied Science and Manufacturing	193				8.1	10.1016/j.compositesa.2025.108874
198	Vethamani A.B.; Thangavel V.	Climatic effects on solar-driven HHO production: An experimental insight	International Journal of Hydrogen Energy	119		283	293	8.1	10.1016/j.ijhydene.2025.03.196
199	Rengasamy M.; Gnanasekaran A.; Hariprasad B.S.; Babu S.G.; Lakshmanan R.; Nasinathan R.; Rajaram K.	Cotton fabric wrapped 3D printed flat and triangle shaped sustainable solar evaporators for enhanced vapour generation and dye water separation	Separation and Purification Technology	366				8.1	10.1016/j.seppur.2025.132703
200	Mushtaq M.; P. U.S.	Simulation and optimization of hematite-based photoelectrochemical cells for enhanced solar-to-hydrogen conversion efficiency	Journal of Power Sources	642				8.1	10.1016/j.jpowsour.2025.236806
201	Panda T.K.; Bollepalli D.; Beji D.S.; Varanasi K.; Ananth M.; Rajarajeswaran J.; Eswar Neerugatti K.R.	Beyond Slurry Systems: Chitosan Thin Film Fabrication, Mechanism, and Reusability for Sustainable Textile Effluent Remediation	Separation and Purification Technology	368				8.1	10.1016/j.seppur.2025.132936

202	Honnappa B.; Ganesan S.; Kokulnathan T.; Palaniappan A.; Sekar K.	Advances and challenges in photo/electrocatalytic seawater splitting for sustainable hydrogen production: A comprehensive review	International Journal of Hydrogen Energy	120		642	681	8.1	10.1016/j.ijhydene.2025.03.168
203	Ray S.; Vashishth R.; Mukherjee A.G.; Valsala Gopalakrishnan A.; Sabina E.P.	Mercury in the environment: Biogeochemical transformation, ecological impacts, human risks, and remediation strategies	Chemosphere	381				8.1	10.1016/j.chemosphere.2025.144471
204	Kalaiselvi C.; Kannan K.; Pandian M.S.; Devi N.; Arpornwichanop A.; Chandar N.K.; Chen Y.-S.	Ti3C2Tx MXene decorated with CoMnO3 / CoMn2O4 nanoparticles as electrocatalysts for anion exchange membrane water electrolysis	International Journal of Hydrogen Energy	137		202	213	8.1	10.1016/j.ijhydene.2025.04.402
205	Jeevanantham B.; Shobana M.K.; Nikodimos Y.; Vallal S.A.; Su W.-N.; Hwang B.J.	Alleviating parasitic reaction of nickel-rich layered active materials at high voltage cycling by rare-earth metal oxide coating: A comparison of cyclic performance	Journal of Power Sources	645				8.1	10.1016/j.jpowsour.2025.237237
206	Bhoi N.K.; Patel M.; Kamarapu S.K.; Kushwaha P.	Advancing sustainable electronic waste management: An overview of mechatronics solutions for health, environment, and recycling	Chemosphere	383				8.1	10.1016/j.chemosphere.2025.144501
207	Krishnamoorthy A.; Ganesan N.	Energy, exergo-economic, sustainability, and combustion analysis of a dual-fuel diesel engine operating with hydrogen fuel	International Journal of Hydrogen Energy	142		269	291	8.1	10.1016/j.ijhydene.2025.05.419

208	Pariskar A.P.; Moganraj A.	Hydrogen storage performance of non-equiatomic V35Co10Cr20Fe15Mn20 high-entropy alloy synthesized by mechanical alloying	International Journal of Hydrogen Energy	148				8.1	10.1016/j.ijhydene.2025.150055
209	Sankar B.D.; Sekar S.; Vignesh V.; Ruan J.; Nirmala R.; Lee Y.; Lee S.; Tsai P.-C.; Chen S.-C.; Lin Y.-C.; Ponnusamy V.K.; Navamathavan R.	A dual-purpose binder-free FeNiS2-Decorated Ti3C2Tx nanocomposite for supercapacitor and catalytic hydrogen evolution reaction	Journal of Power Sources	649				8.1	10.1016/j.jpowsour.2025.237412
210	Mohamed Ali M.S.; Hasan M.N.; Laskar N.M.	Flexible and stretchable out-of-plane thermoelectric generator with PEDOT:PSS/SWCNT films and serpentine electrodes	Journal of Power Sources	653				8.1	10.1016/j.jpowsour.2025.237737
211	Kewate O.J.; Lin J.-Y.; Punniyakoti S.	Unleashing the potential of vanadium based MXenes for supercapacitors	Journal of Power Sources	650				8.1	10.1016/j.jpowsour.2025.237518
212	Rathinamoorthy R., Logitha N., Jordan J., Shriniha P.K., Sujitha R.	Mitigation of microfibers in laundry effluent: Investigation of luffa fibers as an eco-friendly filtration system	Journal of Environmental Management	375				8	10.1016/j.jenvman.2025.124251
213	Jayakrishna S.S.; Ganesh S.S.	Unveiling the effects of electric field treatments on crop cultivation: a game-changing sustainable energy strategy for plant pathogen eradication and boosting yield growth in agriculture, validated with an artificial intelligence approach	Energy Nexus	18				8	10.1016/j.nexus.2025.100438

214	Lawrence L.V.; Vishnu D.	Exploring the potential of biologically synthesized nano-adsorbents in removal of hexavalent chromium (Cr (VI)): Mechanistic studies and circular economy integration	Journal of Environmental Management	388				8	10.1016/j.jenvman.2025.126012
215	S., Mariadoss, Stephen; F., Augustin, Felix	Double stage network inference system using k means clustering and fuzzy cognitive maps for cardiovascular disease diagnosis	Engineering Applications of Artificial Intelligence	159				8	10.1016/j.engappai.2025.111540
216	K., Sivamayilvelan, Keerthana; E., Rajasekhar, Elakiyya; S., Vairavasundaram, Subramaniyaswamy; S., Balachandran, Santhi; V.V.N.S., SURESH, Vishnu V.N.Satya	Building explainable artificial intelligence for reinforcement learning based debt collection recommender system using large language models	Engineering Applications of Artificial Intelligence	159				8	10.1016/j.engappai.2025.111622
217	D., Suganya, D.; R., Kalpana, Ramanujam	Prognosticate pulmonary pathosis for COVID negative and post-acute COVID patients using chest computed tomography images	Engineering Applications of Artificial Intelligence	159				8	10.1016/j.engappai.2025.111639

218	E., Biju, Ekta; I., Kandasamy, Ilanthenral; S.S., Paladugu, Samiksha Sai; A.N.A., Sajit, Ashwati Naduparambil Alakkal; R.B., Sowmya, Ratnala Baby	Deep neuro-neutrosophic systems for detection of online sexism	Engineering Applications of Artificial Intelligence	159				8	10.1016/j.engappai.2025.111714
219	S., Sivakumar, S.; A.J., Payyappilly, Abel Joshy; A., Rajan, Akhil; R., Arumuga Arun, R.; R.S., R S, Rampriya S.	A computer vision-based crop and weed segmentation using federated ensemble learning in diverse multi-crop fields	Engineering Applications of Artificial Intelligence	159				8	10.1016/j.engappai.2025.111773
220	S.B., Wani, Shoib Bashir; S., Thirumalini, S.	Production of lime finishes using fermented Opuntia ficus indica extract: A sustainable and multifunctional binder for Indian lime-built heritage structures	Construction and Building Materials					8	10.1016/j.conbuildmat.2025.142965
221	V.K., Selvaraj, Vinoth Kumar; J., Subramanian, Jeyanthi; H., Kr, Harsarth	Optimized bio-based epoxy composites with recycled fillers for sustainable noise mitigation	Construction and Building Materials					8	10.1016/j.conbuildmat.2025.143014

222	T., Jeyaseelan, Thangaraja; A., Gopalakrishnan, Abhijeet; S., Rajkumar, Sundararajan; S., Narayan V, Santosh; M., Son, Min; L., Zigan, Lars	Application of artificial neural networks to model macroscopic spray characteristics of alcohol fuels	Engineering Applications of Artificial Intelligence					8	10.1016/j.engappai.2025.111841
223	S., Warambhey, Shivamm; A., Sekar, Aravindkumar	Feature-Enhanced Edge-INverse attention network for skin lesion segmentation	Engineering Applications of Artificial Intelligence					8	10.1016/j.engappai.2025.112306
224	R., Varghese, Ressin; C., Natarajan, Chandrasekaran; S., Ramamoorthy, Siva	Bixin stability enhancement through novel nanoemulsion system for advancing its applications	Food Research International					8	10.1016/j.foodres.2025.117327
225	A., Kasthuri, A.; A., Suruliandi, A.; E., Poongothai, E.; S.P., Raja, S. P.	Evaluating feature extraction and classification techniques: A comparative approach to face annotation	Engineering Applications of Artificial Intelligence					8	10.1016/j.engappai.2025.112294
226	Anbu, A.; Hashwin, K.; Karthikeyan, K.	Eco-efficient light weight concrete with agro-waste aggregates and natural fibers: A sustainability approach	Construction and Building Materials	501				8	10.1016/j.conbuildmat.2025.144387
227	Vidhyalakshmi, M.; Siva Priya, M.S.; Kumaran, K.; M.	Efficient disaster detection using drone imagery: A depthwise separable convolutional transformer with majority bounding box voting	Engineering Applications of Artificial Intelligence	165				8	10.1016/j.engappai.2025.113490
228	Francis, G.A.; Ray, S.; Jeyakumar, S.S.; Supreethee, S.; Vashishth, R.	Hybrid sonics for multi-pollutant removal from food matrices: A review	Food Research International	223				8	10.1016/j.foodres.2025.117947

229	Prathiba S.B.; Kumar S.K.R.; Anandhan D.K.; Kumar A.S.S.; Selvaraj A.K.; Rodrigues J.J.P.C.	Enhanced Surface Reconstruction and Semantic Segmentation of LiDAR Data in Autonomous Vehicle Perception Systems	IEEE Transactions on Intelligent Transportation Systems					7.9	10.1109/TITS.2025.3555367
230	H.V., P, Helen Vijitha; A.V.P., Yesudhas, Asnath Victy Phamila	A novel image encryption and decryption scheme integrating two-way chaotic maps, iterative cellular automata, and online tessellation automata	Results in Engineering	27				7.9	10.1016/j.rineng.2025.105673
231	A.V., Jose, Arun V.; S.K., Shrivastava, Sonam K.	An analytical examination of the performance assessment of CNN-LSTM architectures for state-of-health evaluation of lithium-ion batteries	Results in Engineering	27				7.9	10.1016/j.rineng.2025.105825
232	A., Koyalil, Anjana; S., Rajalingam, Sivacoumar	Enhanced multi-level K-means clustering and cluster head selection using a modernized pufferfish optimization algorithm for lifetime maximization in wireless sensor networks	Results in Engineering	27				7.9	10.1016/j.rineng.2025.105836
233	S.K., Korkua, Suratsavadee Koonlaboon; C., Rittiphet, Choosak; S., Sakphrom, Siraporn; S.K., Dash, Santanu Kumar; C., Tesanu, Chalearm; K., Thinsurat, Kamon	Optimizing air velocity for energy-efficient and sustainable rubberwood drying kilns	Results in Engineering	27				7.9	10.1016/j.rineng.2025.105840

234	R., Mohemmed Yousuf, R.; M., Ramaiah, Mangayarkarasi	Optimizing anomaly detection models for edge IIoT with an enhanced firefly algorithm-based hyperparameter tuning strategy	Results in Engineering	27				7.9	10.1016/j.rineng.2025.105843
235	M., Kandasamy, M.; S., Suresh, Santhanakrishnan; P., Rameshkumar, Perumal; R., Jayasree, Rajendran; S., Panneerselvam, Sathishkumar; P.A.L., Gunnasegaran, Prem A/l L.; N.S., Topare, Niraj S.; S., Thambidurai, Sekar; J., Arumugam, Jemini; R., Jothilakshmi, Rajendran	Green synthesis of ultrafine zinc oxide nanoparticles for photocatalytic degradation of methylene blue dye: Optimization and kinetic studies	Results in Engineering	27				7.9	10.1016/j.rineng.2025.105846
236	S.K., Chidambaram, Saranya Karattupalayam; S., Arya, Sudhanshu; Y.K., Choukiker, Yogesh Kumar; A., Bhowmick, Abhijit	Novel off-policy reinforcement learning framework for relay-assisted D2D network powered by ambient backscattering and energy harvesting	Results in Engineering	27				7.9	10.1016/j.rineng.2025.105875

237	D.L., M, Dhinu Lal; R., Varadarajan, Ramesh	Optimised autoencoder-based ensemble deep learning approaches for cyber-physical event classification utilizing synchrophasor PMU data	Results in Engineering	27				7.9	10.1016/j.rineng.2025.105884
238	J., Anand, J.; B., Karthikeyan, B.	EADRL: Efficiency-aware adaptive deep reinforcement learning for dynamic task scheduling in edge-cloud environments	Results in Engineering	27				7.9	10.1016/j.rineng.2025.105890
239	B., Varun Kumar, B.; P.R., Kanna, P. Rajesh; R.H.B., Ramamurthy, R�h�b� H.B.; D., Balasubramanian, Dhinesh; U., Kale, Utku; A., Kilikevicius, Arturas	Numerical investigation of thermal performances of hybrid nanofluids in solar collectors implementing polygonal rough surfaces	Results in Engineering	27				7.9	10.1016/j.rineng.2025.105891
240	R., Elayaraja, R.; G., Rajamurugan, G.	Utilizing woven flax/hemp yarn on SS304 wiremesh reinforced flax fiber composites for tribological applications	Results in Engineering	27				7.9	10.1016/j.rineng.2025.105909
241	P., Rajaram, Prabhu; G.S., O�v�, Gnana Swathika	Data-driven predictive models for sustainable smart buildings	Results in Engineering	27				7.9	10.1016/j.rineng.2025.105916

242	E.S., Junaid Ahmed, E. S.; G.M., Ganesh, G. Mohan	Investigation of the anti-corrosion effects of Azadirachta indica leaf extract on various reinforcement steels in 1 M HCl: Results from electrochemical, DFT and simulation studies	Results in Engineering	27				7.9	10.1016/j.rineng.2025.105948
243	M.S.K., J, Mozas Santhose Kumar; R., Prakash, R.; P., Padmanathan, P.	Performance, emissions, and combustion analysis of catalytic hydrothermal liquefaction derived fuel from Arthrospira platensis in IC engines: A predictive approach using least squares regression modeling	Results in Engineering	27				7.9	10.1016/j.rineng.2025.105973
244	L., Shanavas Laila, Lafiya; K., M�Sambasivam, Kavitha	Enhancing the efficiency of mortar mixes by rice husk hydrochar using response surface methodology: An experimental study for property improvement and sustainable construction applications	Results in Engineering	27				7.9	10.1016/j.rineng.2025.106019
245	M.K., B, Mohnish Karthikeyan; A., N, Anirudh; N.K., S, Navaneetha Krishnan; C.C., C, Christopher Columbus; A.C., K, Aravind C.	Optimizing battery health monitoring in electric vehicles using interpretable CART�GX model	Results in Engineering	27				7.9	10.1016/j.rineng.2025.106043

246	B., Vijaya, B.; S., Nallakumar, Santhosh; R.S., Babu, Ravi Shanker; U.R., M, Usha Rani	Exploring nanoscale composite polymer electrolytes: PVdC-co-AN/PEG with Co3O4 nanofiller for advanced energy storage applications	Results in Engineering	27				7.9	10.1016/j.rineng.2025.106052
247	V.R., A, Venkat Ramanan; G., Rajamurugan, G.	Mechanical properties of hybrid composites with alternately woven carbon/glass fibers on stainless steel wire mesh	Results in Engineering	27				7.9	10.1016/j.rineng.2025.106066
248	S., Kumaraguruparan, Sivakumar; E., Konguvel, Elango	A digitally enhanced ripple emulated residual current mode dynamic on time controlled buck converter with fast transient response	Results in Engineering	27				7.9	10.1016/j.rineng.2025.106092
249	D., Kumar R, Dhinesh; A., Rammohan, A.	Edge-driven resource allocation in vehicular networks: A joint framework of multi-agent reinforcement learning and demand-supply predictive modeling	Results in Engineering	27				7.9	10.1016/j.rineng.2025.106100
250	V., Saiprudhvi, Vangara; S., Hariharan, Subramaniyam	Outage analysis of OTFS system over time-varying and block time-varying Rician fading channels	Results in Engineering	27				7.9	10.1016/j.rineng.2025.106102
251	S., R, Shyni; K., M, Kowsalya	LSTM-based PMS for HESS in DC microgrid	Results in Engineering	27				7.9	10.1016/j.rineng.2025.106122

252	P., Muruganantham, Prabhananthakumar; S.M., Balakrishnan, Senthil Murugan	Uncertainty-driven active learning in a deep semi-supervised framework for WCE image classification	Results in Engineering	27				7.9	10.1016/j.rineng.2025.106174
253	D.B., C, Dhivya Bharathi; P., Sriramalakshmi, Palanidoss	Simulation of lead free heterojunction n-FASnI3/p-FrGeCl3 based Perovskite solar cell with ZnMgO as Electron transport layer and GO as Hole transport layer using SCAPS-1D	Results in Engineering	27				7.9	10.1016/j.rineng.2025.106180
254	E., G, Esakkiammal; M., E, Manikandan	Excitation of high Q-factor Fano resonance in asymmetric THz metamaterial for microplastics sensing applications	Results in Engineering	27				7.9	10.1016/j.rineng.2025.106200
255	H.K., Sahu, Hemanta Kumar; A.K., Padhan, Ashish Kumar; B., Das, Bijaylaxmi; S., Hoque, Shanidul	Modeling and performance evaluation of a RIS-enhanced three-hop RF marine network under Fluctuating Nakagami-m fading	Results in Engineering	27				7.9	10.1016/j.rineng.2025.106206
256	A., S Nair, Adithya; C., Upreti, Charvi; A., Arun, Advaith; R., Devi S, Renuka	A high performance approach to ensure image security during transmission	Results in Engineering	27				7.9	10.1016/j.rineng.2025.106220
257	R., Kannojia, Rishabh; A.K., Singh, Anuj Kumar; I., Sharma, Ishaan; S., Gupta, Shivani	Gen AI driven multilingual audio dubbing and synthesis system for cross-language video platforms	Results in Engineering	27				7.9	10.1016/j.rineng.2025.106241

258	A., Josephat, Amartya; A., Sekar, Aravindkumar; D., T, Deepa; S., Angalaeswari, S.	Design and development of agricultural drone for precision fertilizer application to optimize crop yields	Results in Engineering	27				7.9	10.1016/j.rineng.2025.106267
259	C.V., Shakila, C. V.; K.S., Babu, Khadar S.K.	Evaluating and contrasting machine learning and statistical techniques for time series forecasting with hyperparameter optimization	Results in Engineering	27				7.9	10.1016/j.rineng.2025.106275
260	S., T, Sreenivasulu; M.R., G, Mokesh Rayalu	Accurate hourly AQI prediction using temporal CNN-LSTM-MHA+GRU: A case study of seasonal variations and pollution extremes in Visakhapatnam, India	Results in Engineering	27				7.9	10.1016/j.rineng.2025.106303
261	A., ReyesRuiz, Alejandra; S., Delignat, Sandrine; A.S., Bhale, Aishwarya Sudam; V., Daventure, Victoria; R.V., Lacombe, Robin V.; L., Dourthe, Leslie; O.D., Christophe, Olivier D.; S.F.L., Justesen, Sune F.L.; K., Venkataraman, Krishnan; J.D., Dimitrov, Jordan D.	Binding of therapeutic Fc-fused factor VIII to the neonatal Fc receptor at neutral pH associates with poor half-life extension	Haematologica	110	7	1523	1535	7.9	10.3324/haematol.2024.286536

262	S., L, Saranathan; I., Vairavasundaram, Indragandhi; A., Bragadeshwaran, Ashok	Navigating the spectrum of battery health management in electric vehicles: A comprehensive review	Results in Engineering	27				7.9	10.1016/j.rineng.2025.106038
263	G., Nandakumar, Gurunath; S.Z., Karazhanov, S. Zh; P., Selvarajan, Premkumar	Perspective on quantum capacitance of structurally engineered Ti3C2 MXenes via first-principles calculations	Journal of Power Sources					7.9	10.1016/j.jpowsour.2025.238135
264	V.K., Selvaraj, Vinoth Kumar; J., Subramanian, Jeyanthi; R., Seenivasan, Ravi; B., Sai Charan, B.; B., S, Bhaherathi; A.V., Kulkarni, Aachal Vinayak; V., Ayyappan, Vinod; S.M., Rangappa, Sanjay Mavinkere; S., Siengchin, Suchart	Sustainable additive manufacturing of recycled RPU/PLA composites via filament extrusion for enhanced mechanical and acoustic properties	Results in Engineering					7.9	10.1016/j.rineng.2025.106365

265	R., Balakrishnan, Ramalingam; A.S., Ponraj, Abraham Sudharson; M., Sharma, Mukund; R.K., Sharma, Rishabh K.; M., Nabeel, Mohamed; S., Upadhyay, Shivanshu; M., Aditya, Mahapatra; S., Arora, Siddhant; M., Kothandaraman, Mohanaprasad	Automated 3D room mapping and real-time corner detection for Android-based AR systems	Results in Engineering					7.9	10.1016/j.rineng.2025.106401
266	R., P, Radhika; M.I., A, Mohamed Imran	Design and control of a modular two-stage SST- based bidirectional EV charger	Results in Engineering					7.9	10.1016/j.rineng.2025.106462
267	S., P, Sridhar; P., R, Poonkuzhali	A dual-band circular polarized CPW fed low-profile antenna for WLAN and X-band applications	Results in Engineering					7.9	10.1016/j.rineng.2025.106466
268	A.S., Varghese, Arun Sam; S., Parasuram, Sampath; S., Bose, Suryasarathi; S., T?p?, Sumangala; S., M?s?, Sreekanth	Tailoring the interfacial performance of epoxy nanocomposites reinforced with modified carbon fibre grafted MWCNTs - MoS2 hybrid	Results in Engineering					7.9	10.1016/j.rineng.2025.106500
269	R., G, Rohith; R., Rajalakshmi, Ratnavel; D.S., Manish, Dikshithula Sai; R.N., A, Rahul Narasimhan	Fusion-Solar-Net for solar panel fault detection	Results in Engineering					7.9	10.1016/j.rineng.2025.106513

270	P.A.V., Prasad, P. Anjaneya Vara; C., Dhanamjayulu, Chittathuru	Implementation of voltage self-balanced 17-level switched capacitor MLI topology for solar PV systems	Results in Engineering					7.9	10.1016/j.rineng.2025.106535
271	S., K, Settu; J., M, Jayalakshmi	Synergizing neutrosophic logic with Entropy-VIKOR of MCDM for superior AWR robot selection in manufacturing	Results in Engineering					7.9	10.1016/j.rineng.2025.106546
272	K.K., V, Kavin Karthik; A., N, Aravind; S., R, Suganya; R., Kannan, Ramani	An end-to-end deep learning framework for structural damage assessment using semantic segmentation and point cloud analysis	Results in Engineering					7.9	10.1016/j.rineng.2025.106555
273	S., Ashish, Sindhe; S.B., Wani, Shoib Bashir; H., M, Hareesh; A.A., Kumar, A. Anil; M., Vrabec, Mirijam; S., Thirumalini, S.	Development and application of traditional organic lime consolidant using modern techniques for the restoration of marine degraded stones of Dwarkadhish temple, India	Results in Engineering					7.9	10.1016/j.rineng.2025.106565
274	V.S.S., Pavan Nishith, V. S.S.; A., Saha, Adriza; A., Patwari, Ashish	A novel modification and hardware implementation of the simplified AES algorithm for IoT applications	Results in Engineering					7.9	10.1016/j.rineng.2025.106567
275	V., Sai Saraswathi, V.; K., Arumugam, K.; S., Dange, Sakshi	Spatio-temporal dynamics of urbanization and environmental sustainability: A predictive modelling approach to forecasting land use transitions in Vellore, India	Results in Engineering					7.9	10.1016/j.rineng.2025.106572

276	V., Priyadarshini, V.; P., Nemthianhoi Zou, P.; D., Dash, Debashish; S., Mahata, Sanskriti; M., Chauhan, Manwendra; K., Akash, K.	Advanced active learning techniques for precision-driven machine-learned potentials in Sb2S3	Results in Engineering					7.9	10.1016/j.rineng.2025.106626
277	D.A., Kumar, Duraipandian Ajith; M., Murugesan, Malathi	Interfacial tailoring of conducting polymer nanocomposite films for high-efficiency X-band EMI shielding	Results in Engineering					7.9	10.1016/j.rineng.2025.106639
278	R., Kumari, Rani; P., Ramachandran, Prakash	Novel multistage deep convolution neural network-based Parkinson's disease detection and severity grading of running speech using LSF spectrums for detection and STFT spectrums for grading	Results in Engineering					7.9	10.1016/j.rineng.2025.106642
279	R., Devi K, Renuga; S., Dondapati, Sreekanth	In Vitro biological assessment of plasma electrolytic oxidation-treated magnesium alloys containing multiple nutrient elements	Results in Engineering					7.9	10.1016/j.rineng.2025.106654
280	A., V, Alex; A., Rammohan, A.	Performance Optimization of Synchronous Reluctance Motor using Adaptive MTPA Curve Fitting with Anti-Windup Current Control	Results in Engineering					7.9	10.1016/j.rineng.2025.106658

281	P., Selvaraj, Purushothaman; R.B., Vemuluri, Ramesh Babu	Vibration analysis of GFRP laminated composite sandwich plates with partially treated graphene-reinforced magnetorheological elastomer core: Numerical and Experimental approach	Results in Engineering					7.9	10.1016/j.rineng.2025.106846
282	V., P, Vishwapranav; G., N, Gowthaman; G.S., Pandian, G. Satish; S., V, Saikrishna; V., Vediappan, Veeramani; F.G.P., J, Florence Gnana Poovathy	Automated system for automatic data acquisition for PEM electrolyzer	Results in Engineering					7.9	10.1016/j.rineng.2025.106861
283	A., Jayasri, A.; K., Madurakavi, Karthikeyan	Reduced mutual coupling in MIMO vivaldi antenna using orthogonal placement	Results in Engineering					7.9	10.1016/j.rineng.2025.106864
284	K.B., Sasidhar, K. B.; S., Murugavelh, Somasundaram	Sustainable carbon conversion from agro-biomass: Factorial optimization of pyrolysis parameters for enhanced product yield	Results in Engineering					7.9	10.1016/j.rineng.2025.106895
285	A.L., M, Anna Latha; R.K., R, Ramesh Kumar	A comprehensive review of AI-based brain-computer interface with prefrontal cortex and sensory-motor rhythms systemization for rehabilitation	Results in Engineering					7.9	10.1016/j.rineng.2025.106483

286	A.V., Jose, Arun V.; S.K., Shrivastava, Sonam K.	A comprehensive review of digital twin applications in electric vehicles: Evolution, classification, and future directions towards Industry 5.0	Results in Engineering					7.9	10.1016/j.rineng.2025.106570
287	A., Keerthi, Azza; C., Dhanamjayulu, Chittathuru	A thorough review of energy management and an advanced control techniques for Bi-directional DC-DC converters in electric vehicle applications	Results in Engineering					7.9	10.1016/j.rineng.2025.106726
288	R.V., K, Ravindra Varma; C., Dhanamjayulu, Chittathuru	Innovative perspectives on energy management strategies for bidirectional DC-DC converters with hybrid storage integration in HEVs	Results in Engineering					7.9	10.1016/j.rineng.2025.106749
289	A.A., Solomon, Alice Angel; D.R., Vishnu, Dhanya Raghul	Integrated strategies for biosurfactant production and scale-up: Advances in fermentation engineering and computational modelling	Results in Engineering					7.9	10.1016/j.rineng.2025.106853
290	M.P.G., Karthick, M. P.G.; R.A., A, Raja Annamalai; C.P., Mohanty, Chinmaya Prasad; A.S., Chauhan, Alok Singh	Low-cycle fatigue behavior of as-cast and heat-treated Haynes 25 superalloy under varying strain amplitudes	Results in Engineering					7.9	10.1016/j.rineng.2025.107089

291	S.K., Anbalagan, Suresh Kumar; N., Kasianantham, Nanthagopal; M.J., G?ca, Micha? Jan; R., Jambulingam, Ranjitha	Parametric optimization of microwave-assisted green fuel production from Caryota urens seed oil using response surface methodology and artificial neural networks	Results in Engineering					7.9	10.1016/j.rineng.2025.106975
292	V.K., B, Vinoth Kumar; S., P, Sreenivasulu; T., Poornima, Tamalapakula	Investigation of thermal transport enhancement and flow dynamics in biocompatible Au-Ag/blood casson hybrid nanofluid subject to magnetohydrodynamic force and surface slip on a vertical cone	Results in Engineering					7.9	10.1016/j.rineng.2025.107074
293	D., Jagadeesan, Dhivya; L., Gopalakrishnan, Lingesh; A.M., Mohan, Akhila Maheswari; A., Pandiyan, Ajitha; C., Boobalan, Chitra; D., Prabhakaran, Deivasigamani	Ag2CrO4-NiO/g-C3N4 heterostructured nanocomposites as efficient visible-light-responsive materials for rapid degradation of persistent antimicrobial residues	Results in Engineering					7.9	10.1016/j.rineng.2025.106983
294	E., GokulaKrishnan, E.; G., Malathi, G.	Exploring hand wrist feature as biometric identifier: A deep learning perspective using Yolov11	Results in Engineering					7.9	10.1016/j.rineng.2025.107107
295	N., R, Nirudeeswar; T., S, Thrishal; S., V, Shruthi; S., Angalaeswari, S.; A., Sekar, Aravindkumar	ERAnet: Emotion Recognition based Assistive learning network for autistic children	Results in Engineering					7.9	10.1016/j.rineng.2025.106989

296	A., K, Anitha; P., Balamurugan, Parandhaman	Optimized control techniques for enhancing the buck converter performance in lithium-ion battery charging	Results in Engineering					7.9	10.1016/j.rineng.2025.106390
297	S.K., Paramasivam, Suresh Kalichikadu; S., Ramesh, S.; R., Senthil Kumar, R.; S., Mani, Senthilkumar	IIPQ controlled three phase three level four wire T-type vienna rectifier for high efficient off board fast EV charging station with enhanced system stability	Results in Engineering					7.9	10.1016/j.rineng.2025.106880
298	S., M, Surya; P., S, Pavithhran; S.K., A, Sanjay Kumar; J., K, Jagan; B.R., Lokavarapu, Bhaskara Rao	Ballistic impact response of bi-layered ceramic encapsulated steel armour against monolithic tri-conical solid projectile	Results in Engineering					7.9	10.1016/j.rineng.2025.107176
299	P., Cv, Prasshanth; A.S., Samavedam, Aditya Sai; S., Manavalla, Sreekanth; T., P, Tamilselvan; T.Y., Khan, Tm Yunus; F., M, Feroskhan	Influence of carbon dioxide addition on hydrogen-enriched diesel-WPO Blends in CI engines	Results in Engineering					7.9	10.1016/j.rineng.2025.106787
300	A., Mishra, Ayush; R.K., Sharma, Ritesh Kumar; N., Tiwari, Nishant	Numerical investigation of PCM-filled pin-fin microchannels for thermal management of HCPV cell	Results in Engineering					7.9	10.1016/j.rineng.2025.106946
301	S., Sowmya, S.; R.M.R., Pannem, Rama Mohan Rao	Integrating bacteria and fibres for self-healing concrete: a comprehensive review of synergistic effects	Results in Engineering					7.9	10.1016/j.rineng.2025.107071

302	R., Gowdaman, R.; A., Deepa, Akepati	Flexible and eco-friendly piezoelectric nanogenerator based on PVDF-HFP: CBT: Ag fibers for self-powered sensing applications	Results in Engineering					7.9	10.1016/j.rineng.2025.107184
303	M., C, Manimegalai; P.K., Kameswaran, Peri K.	Impact of thermal radiation and magnetohydrodynamics on hybrid nanofluid flow over a vertical plate	Results in Engineering					7.9	10.1016/j.rineng.2025.106969
304	N., Jayakrishna, Naramalli; N., Prasanth, Narayanan	Detection of DDOS attacks in Vehicular Ad Hoc Networks using Ensemble Deep Learning Model and Optimization Technique	Results in Engineering					7.9	10.1016/j.rineng.2025.107022
305	N., S, Nirmaladevi; J., S, Jagatheswari	A data-driven machine learning framework for predicting total agricultural food grain yield	Results in Engineering					7.9	10.1016/j.rineng.2025.106790
306	S., Thanga Prasath, S.; C., Navaneethan, C.	A precise neural network approach using residual network and minority oversampling method to diagnose the correlation between colorectal cancer and food group	Results in Engineering					7.9	10.1016/j.rineng.2025.106909
307	S., Muniyappan, Sinnappadass; R., Krishnaiah, Ravi	Investigation on PCCI combustion with cetane improver as secondary fuel for hybrid engine application	Results in Engineering					7.9	10.1016/j.rineng.2025.107372
308	G., Gogulraj, G.; G., Rajamurugan, G.	Overlapped weld bead analysis on dissimilar duplex stainless steel-2507 and inconel-625 using WAAM-CMT process	Results in Engineering					7.9	10.1016/j.rineng.2025.107290

309	T., A, Thennarasi; V., Kuraganti, Vasu	Co-degenerate doped WS2 electrocatalyst with enriched CoS phase producing efficient hydrogen evolution at all pH conditions	Journal of Power Sources					7.9	10.1016/j.jpowsour.2025.238241
310	P.K., Sinha, Piyush Kumar; M., R, Marimuthu	Comparative study of quantum and classical algorithms for renewable energy sources	Results in Engineering					7.9	10.1016/j.rineng.2025.107062
311	V.S., Suhas, V. S.; T., Shanmugapriya, T.	Synergistic ZnO[sbnd]Ni/Pvdf-epoxy nanocomposite coatings for enhanced corrosion resistance and mechanical performance of steel reinforcements in concrete structures	Results in Engineering					7.9	10.1016/j.rineng.2025.107296
312	A., Ahmad, Arman; J., Srirangan, Jagatheswari	Quantum-safe mutual authentication scheme for IoHT using blockchain	Results in Engineering					7.9	10.1016/j.rineng.2025.106945
313	A.S.M., Mannafi, A. S.M.; K., Habib, Khairul; S.A., Ali, Syed Awais; M.R., Younas, Mohammad R.; B., Bakthavatchalam, Balaji; B.B., Saha, Bidyut Baran	MXene-based materials for electromagnetic interference shielding: Fundamentals, mechanisms, and emerging applications	Results in Engineering					7.9	10.1016/j.rineng.2025.107027
314	S., Ramshankar, S.; M., Manimozhi, M.	Integration of digital twin technologies for state estimation in electric vehicle batteries: A review	Results in Engineering					7.9	10.1016/j.rineng.2025.106858

315	E?, J.L.; Palanivel, P.	An innovative sustainable relief transportation model for post-catastrophe: Addressing uncertainty with flood-based case study	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107441
316	Posam, S.; Reddy G, L.K.; Vidhyapathi, V.	Automated dairy farm management system powered by IoT and ML	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107508
317	Subramanian, J.; Selvaraj, V.K.; Dutt, S.S.; Shine, T.; Rajan A, J.	Development and optimization of sustainable recycled gypsum composites for high-performance EMI shielding	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107501
318	Fariz, T.K.N.; Sharief Basha, S.S.	Enhanced crop yield prediction using a hybrid artificial neural network with coati optimization algorithm	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107529
319	R, A.; R, G.; Mondal, A.; M, A.	Evolution of the mobile app for early diagnosis and sustainable management of rice diseases	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107401
320	Renold, A.P.; Sinha, N.; Gao, X.-Z.	Hybrid machine learning approach for improved short-term PV power forecasting accuracy	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107374
321	Nagarajan, S.R.; Palanivelu, S.	Investigation and quantification of perception of human body vibration and noise exposure during operator-tractor-field interaction	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107339

322	Dhaneesh, P.; Prajeesh, A.V.; Manohar, V.	Optimizing rice variety classification with transfer learning: A robust and scalable model for agricultural applications	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107570
323	Rajesh, K.; Parameshwaran, A.B.; Sridharan, N.V.; Sugumaran, S.	Vibration-based fault diagnosis of automotive suspension systems using voting-based ensemble learning	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107635
324	Boafo, G.; Biswal, D.K.	Advances in functional metamaterials: bridging mechanical, acoustic innovations with multifunctionality and adaptive responses	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107367
325	Ponnambalam, R.; Vairavasundaram, I.	GaN-Based DC-DC converters for EV fast charging: A review of wide bandgap devices technology	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107548
326	S, S.K.; P, J.J.; Rao, D.R.; Koshy, J.T.; Sangeetha, D.; Vinod, A.R.; R, R.; Dalvi, Y.B.	Unlocking the potential of cellulose and its derivatives from biomass as active packaging solutions for meat products: Recent advancements, applications and shelf-life assessment	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107544
327	Guntreddi, V.; V, S.	Deep learning based glaucoma detection using majority voting ensemble of ResNet50, VGG16, and Swin Transformer	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107229

328	George, D.; Pavithra, S.; Das, J.	Cyber-resilient autonomous vehicles: securing networks and enhancing decision-making with next-gen security measures	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107179
329	Lokhande, I.K.; Tiwari, N.	Experimental and numerical investigation of phase change material filled mini cavity cooling for thermal management of high capacity lithium ion pouch cell	Journal of Power Sources	661				7.9	10.1016/j.jpowsour.2025.238553
330	Ravichandran, R.; Parasuraman, E.; Roy, C.	Characteristics of solitons and Kuznetsov-Ma breathers in dispersion management optical fiber	Results in Engineering	28				7.9	10.1016/j.rineng.2025.108021
331	Pradeep, S.; Kumar, P.V.	Impact of Joule heating, viscous dissipation and radiation on magnetohydrodynamic hybrid nanofluid flow over a vertical plate in the porous medium: An analytical approach	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107911
332	Anitha, R.; Parthiban, A.	Smart waste ecosystems under industry 5.0: A framework integrating digital twins, edge-AI, graph theory, and 9R circularity	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107988
333	Viswanathan, P.; Chandrasekhar, A.	Stretch-responsive triboelectric nanogenerator based on conductive PVA/AC hydrogel for human activity monitoring	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107734

334	Jaishri, S.B.; Ra, N.	Design and simulation of an automated and safe hydrogen fuel cell refueling system	Results in Engineering	28				7.9	10.1016/j.rineng.2025.108181
335	P, A.; Kumar, M.S.J.	Study of regular and chaotic dynamics in double diffusive Rayleigh-B?nard convection of a micropolar fluid	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107609
336	Oberoi, V.; Chankaya, M.; Panda, M.; Chauhan, T.	Novel knowledge propagation optimization (KPO) algorithm for grid-tied PV system	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107647
337	Tharik, M.; Kumaraguru, K.; Vijayaraghavalu, S.S.	Spatiotemporal assessment and simulation of land use and land cover dynamics in coastal Tamil Nadu using CA?ANN modelling for sustainable development planning	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107771
338	Velmurugan, P.G.S.; Ramkumar, S.S.; Thiruvengadam, S.J.; Kumaravelu, V.B.	Deep learning and diffusion models for uplink channel estimation in MU-MIMO systems	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107930
339	Gowtham, G.; Arkin, G.; Sasidhar, K.B.; Balasubramanian, S.; Murugavelh, M.; Antunes, E.	Sailing towards sustainability: Waste ship oil sludge as diesel alternative	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107960
340	Kumaresan, N.; Rammohan, A.	Fuzzy reinforcement learning-based energy management strategy for the integration of hybrid energy storage system of electric vehicle	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107875

341	Subramanian, S.; Ganapathy, G.P.	An analysis of the hidden vulnerabilities: The role of construction quality in seismic risk mitigation in low-to-moderate seismicity regions	Results in Engineering	28				7.9	10.1016/j.rineng.2025.108116
342	Muthulakshmi, K.; Jayalakshmi, M.	Rethinking model of EfficientNet-B9 for brain tumor classification: A high-precision deep learning approach	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107984
343	Murugan, M.; Jayakrishna, J.; Arulvel, S.; Natarajan, N.; Sethuram, L.	Comparative study of bio-tribology and bio-corrosion behaviour of hybrid nano zinc oxide/hydroxyapatite-PMEA composite coating on stainless steel 316 L with pure n-ZnO and ZnOhydroxyapatite coatings	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107724
344	K, J.; Lokavarapu, B.R.	Effect of composite fiber and layer thickness on ballistic impact of soft projectile against Kevlar based armoured target	Results in Engineering	28				7.9	10.1016/j.rineng.2025.108144
345	Nithiya, V.; Prabhakar, V.	Natural convection inside dome-shaped enclosure: Entropy generation for different inclination angles	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107378
346	Thottempudi, P.; Kumar, V.; Kumar, R.	Dynamic multi-modal attention network for robust and real-time through-wall human activity recognition	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107632

347	Rani, P.Y.; Lakshminarayana, P.; Sucharitha, G.; Reddy, M.V.; Vajravelu, K.	Thermal radiation analysis of magnetized Darcy-Forchheimer flow of Williamson nanofluid with activation energy and entropy generation: A Cattaneo-Christov model	Results in Engineering	28				7.9	10.1016/j.rineng.2025.108193
348	Saruk, B.S.; Rayalu, G.	Optimizing rice yield prediction: A policy-oriented approach to agricultural sustainability	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107844
349	Gayathri, S.V.L.; Harshitha, T.; Kriyasri, H.; Balasundaram, A.	Enhancing crowd management through behaviourally informed synthetic datasets and predictive deep learning models	Results in Engineering	28				7.9	10.1016/j.rineng.2025.108210
350	Purushothaman, P.; Abesake, K.R.; Nishanthi, S.; Induja, B.; Santhosh, V.; Subramanian, S.	Iodine gas sequestration by an imine-functionalised covalent organic polymer via chemisorption process	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107870
351	Praveen, S.M.; Rammohan, A.	Experimental investigation of bentonite?graphene oxide nanofluid in serpentine microchannel liquid cooling systems for GPUs	Results in Engineering	28				7.9	10.1016/j.rineng.2025.108178
352	Sikora, H.; Krishnakumar, S.; Groppe, S.	Weather forecasting using quantum-based LSTM: A comparative analysis	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107995
353	Singh, I.; Pavithra, S.; Rajesh, K.	Resilient solar microgrid management using multi-agent reinforcement learning and quantum-based action selection	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107633

354	Saileshwari, M.; Moharana, R.; Maiti, K.	The transmuted XLindley distribution: Properties and estimation with biomedical survival applications	Results in Engineering	28				7.9	10.1016/j.rineng.2025.108077
355	Venu, S.; Gurusamy, M.	A comprehensive review of path planning algorithms for autonomous navigation	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107750
356	Natesan, R.; Krishnasamy, P.	Micro level damage monitoring techniques in functionalized natural fiber composites based on electrical conductivity -A review on adaptation and challenges towards non-structural applications	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107621
357	Periyasamy, M.; Srinivasan, N.	A review on auxetic structures: Applications, properties, classifications, finite element analysis, manufacturing methods, and selective laser melting process parameters	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107660
358	V, L.; Rajkumar, S.	Hybrid ensemble federated learning using SMOTE-Tomek for efficient DDoS detection on constrained edge devices over 5G networks	Results in Engineering	28				7.9	10.1016/j.rineng.2025.107601
359	Srikanth, M.; Mathew, A.T.; Bhagchandani, R.K.	Evaluation of printing feasibility and surface quality in curved layer fused deposition modeling of complex geometries	Results in Engineering	28				7.9	10.1016/j.rineng.2025.108271

360	Selvaraj, V.K.; Jeyanthi, J.; Kalaivanan Raajasekar, H.; Rajendran, V.	Sustainable bio-based epoxy composites with recycled fillers for high-performance EMI shielding in electronics	Results in Engineering	28				7.9	10.1016/j.rineng.2025.108286
361	Arvind, M.; Vinitha, G.; Balaji, V.R.	Silicone embedded FBG sensor for quantitative finger tapping assessment: A feasibility study	Results in Engineering	28				7.9	10.1016/j.rineng.2025.108402
362	Kumara Narayana Swamy, C.; Velmurugan, T.; Sumathi, D.; Nandakumar, S.	Election-based political optimization for sub-channel assignment and power allocation in non-orthogonal multiple access-based fog computing vehicular network	Results in Engineering	28				7.9	10.1016/j.rineng.2025.108404
363	Tamilarasan, S.K.; Kanna, P.R.	Numerical investigation of thermohydraulic performance in supercritical CO2- based dual natural circulation systems	Results in Engineering	28				7.9	10.1016/j.rineng.2025.108411
364	Prasanna Kumar, M.; Rajak, S.; Summaq, A.; Elumalai, K.; Selvaprabhu, P.; Chinnadurai, S.	Optimizing IRS placement and element configuration in B5G: A novel cooperative hybrid communication system	Results in Engineering	29				7.9	10.1016/j.rineng.2025.108457
365	P.; P.; P.	Hybrid explainable deep learning framework for skin disease detection and future risk prediction using Sakaguchi function with CNN-transformer models	Results in Engineering	29				7.9	10.1016/j.rineng.2025.108489
366	Sindhu, R.; Arunachalam, V.	Energy-efficient scalable memory LSTM cell with approximate feature processing units	Results in Engineering	29				7.9	10.1016/j.rineng.2025.108517

367	A.; Sridhar, S.; M.; Y.A.; Dhanamjayulu, C.; Arunkumar, G.; Kamwa, I.	A security-centric SCADA framework for wind energy systems using enhanced network segmentation and rogue traffic visualization	Results in Engineering	29				7.9	10.1016/j.rineng.2025.108535
368	Kewate, O.J.; Sathyanarayanan, S.	The role of HCl/LiF concentrations in the minimally intensive layer delamination (MILD) approach for synthesis of Ti3C2Tx MXenes	Results in Engineering	29				7.9	10.1016/j.rineng.2025.108598
369	Baskaran, K.; Ba, D.; Prakash, R.; Mohan, C.G.	Optimizing sustainable diesel engine performance and emissions using pyrolysis oil from cleome viscosa seeds with advanced machine learning models	Results in Engineering	29				7.9	10.1016/j.rineng.2025.108608
370	Prasad, P.A.V.; Dhanamjayulu, C.	Design and Implementation of a Novel 31-Level MLI Topology for PV System Applications with Improved Performance	Results in Engineering	29				7.9	10.1016/j.rineng.2025.108650
371	Ramki, R.; Lakshminarayana, P.; Sucharitha, G.; Shaw, S.	Peristaltic MHD flow of Casson hybrid nanofluids (Ta?Cu/Blood) in a non-uniform asymmetric microchannel: Influence of electro osmosis, shape factor and biomedical implications	Results in Engineering	29				7.9	10.1016/j.rineng.2025.108735

372	Bakthavachalam, B.; Selvam, R.E.	A comprehensive review on the superior properties of synthetic bioresorbable magnesium phosphate ceramic scaffolds and its combination for bone regeneration applications using additive manufacturing	Results in Engineering	29				7.9	10.1016/j.rineng.2025.108344
373	M.; S.	A review on selective in-memory computing processors: Potential alternative to AI-driven applications	Results in Engineering	29				7.9	10.1016/j.rineng.2025.108460
374	J.; M.	A review on MXene?Carbon, polymer, metal oxide and 2D composites for high performance supercapacitor applications	Results in Engineering	29				7.9	10.1016/j.rineng.2025.108720
375	Sahu A.; Ruhal R.	Immune system dynamics in response to Pseudomonas aeruginosa biofilms	npj Biofilms and Microbiomes	11	1			7.8	10.1038/s41522-025-00738-2
376	S., Chakrabarti, Soumya; C., Singha, Chiranjeeb	Traversable Wormholes with a Spontaneous Symmetry Breaking Scalar Field	Fortschritte der Physik	73	7			7.8	10.1002/prop.70013
377	A., Prasanna, Akshara; P., Pushparaj, P.; B.P., Kushwaha, Bijay Prasad	Conversational AI in Tourism: A systematic literature review using TCM and ADO framework	Journal of Hospitality and Tourism Management					7.8	10.1016/j.jhtm.2025.101310

378	Maddirala S., Tadepalli S.P., Lakshiakanthan E., Ganesan J.J., Issac R., Basavegowda N., Baek K.-H., Haldar D.	Biodegradable composite films of barley fibers for food packaging applications: A review	International Journal of Biological Macromolecules	295				7.7	10.1016/j.ijbiomac.2025.139611
379	Jayakrishna S.S.; Ganesh S.S.	Unveiling the infectious morphological behaviour of banana crop pathogenic nematodes inhabited from soil medium to pseudostem using an artificial intelligence approach	Computers and Electronics in Agriculture	234				7.7	10.1016/j.compag.2025.110277
380	Basu R.; Noor A.	Alginate nanoparticles loaded with enriched polyphenols of Desmodium gangeticum alleviates diabetes induced oxidative and inflammatory stress in Rin-5F cells via GLUT2/IRS-1/NF-κB pathway	International Journal of Biological Macromolecules	305				7.7	10.1016/j.ijbiomac.2025.141325
381	Sounderarajan S.; Vikram Surya A.P.; Seenivasan H.; Mayilerum Perumal N.; Puchalapalli D.S.R.; Ayothiraman S.	Design strategies for novel esterase purification processes from Trichoderma harzianum-An insight into kinetic and thermodynamic analyses	International Journal of Biological Macromolecules	306				7.7	10.1016/j.ijbiomac.2025.141555
382	Sanji A.S.; J. M.; Kennedy J.F.; S. V.; A. S. K.; Gurav M.J.; Megalamani P.H.; Kaulgud R.; Chachadi V.B.	Purification and characterization of lectin from Phyllanthus reticulatus (PRL) plant fruit inducing cytotoxic effect on T47D and SKBR3 breast cancer cell lines	International Journal of Biological Macromolecules	307				7.7	10.1016/j.ijbiomac.2025.142006

383	Yadav R.; Obinata H.; Venkataraman K.	Delineating the intricacies of polymorphisms, structures, functions and therapeutic applications of biological high-density lipoprotein-apolipoprotein M: A review	International Journal of Biological Macromolecules	310				7.7	10.1016/j.ijbiomac.2025.143187
384	Jagadeesh P.; Sanjay M.R.; Rajeshkumar G.; Kandasamy J.; Oladele I.O.; Madhu P.; Siengchin S.	Development of eco-friendly basalt filler reinforced poly (lactic acid) composites using an additive manufacturing: An experimental insights	International Journal of Biological Macromolecules	311				7.7	10.1016/j.ijbiomac.2025.143698
385	Koshy J.T.; Reshmy R.; Sangeetha D.; Dalvi Y.B.; Varghese R.; Sachin K.S.; Darmenbayeva A.; Zhussipnazarova G.; Babu S.S.; Philip E.; Narayanan L.	Tissue engineered implants derived from sustainable nanocellulose and polyethylene glycol (PEG) loaded with polyphenols: An in vivo study on albino rats for wound dressing	International Journal of Biological Macromolecules	315				7.7	10.1016/j.ijbiomac.2025.144415
386	S. S.P.F.; L. M.S.; Sree T.R.	Decentralized certificate issuance and verification system using Ethereum blockchain technology	Journal of Network and Computer Applications	242				7.7	10.1016/j.jnca.2025.104190
387	Devi U.; Shukla P.K.	The structural, functional, and regulatory insight of deubiquitinating enzyme - USP22	International Journal of Biological Macromolecules	318				7.7	10.1016/j.ijbiomac.2025.145164
388	N.A., R, Naren Aadhithya; B., K, Balamurugan; G., N, Gobinath; A., V, Adithya; V., S, Vignesh; R., R, Radha	Numerical investigation on the virus transmission during sneeze, cough, and speech scenarios from an infected individual in an isolation room	Journal of Hazardous Materials Advances	19				7.7	10.1016/j.hazadv.2025.100820

389	S., Krishna Kumar, Sangeetha; L., Gopalakrishnan, Lingesh; P., Srinivasan, Prabhakaran; D.K., Madhu, Deepan Kumar; D., Prabhakaran, Deivasigamani; A.M., Mohan, Akhila Maheswari	Polymer-based recyclable solid-phase optical sensor to quantify Hg2+ in aqueous samples	Environmental Research					7.7	10.1016/j.envres.2025.122595
390	C., Rex M, Camil; A., Mukherjee, Amitava	Impact of UVA and visible light conditions in modulating the toxicity of binary mixture of polystyrene micro plastics and TiO2 nanoparticles in brine shrimp (Artemia salina)	Journal of Hazardous Materials Advances					7.7	10.1016/j.hazadv.2025.100848
391	B., Balachandran, Bhavana; P.C., Sabumon, P. C.	A comprehensive review on biodegradation of azo dye mixtures, metabolite profiling with health implications and removal strategies	Journal of Hazardous Materials Advances					7.7	10.1016/j.hazadv.2025.100834
392	G., Saha, Guria; C., Natarajan, Chandrasekaran	Investigating the carcinogenic and synergistic effects of microplastics isolated from daily used cosmetics on NHDFs and A431 by using anti-cancer drug (5-FU) treatment	Journal of Hazardous Materials Advances					7.7	10.1016/j.hazadv.2025.100888

393	Thomas, S.D.; Rajan, A.; Mahin, A.; Ahmed, M.; Pavithra, S.; Vignesh, U.; Joy, N.; John, L.; Varghese, L.; Sambreena, A.; Codi, J.A.K.; Prasad, T.S.K.; Vijayakumar, M.; Geetha, S.; Parvathi, R.; Ganesan, R.; Raju, R.	Impact of intrinsically disordered regions and functional disorder hotspots in the human kinome	Briefings in Bioinformatics	26	6			7.7	10.1093/bib/bbaf662
394	Pillai Babu, D.; Sreena, R.; Brenner, K.; Nathanael, A.J.; Kishore, V.	Progress in skeletal muscle tissue engineering: advancing from 3D to 4D bioprinting	Progress in Biomedical Engineering	8	1			7.7	10.1088/2516-1091/ae1e47
395	Xi L.; Tian S.; Zhang D.; Gu D.; Ramasamy P.; Prashanth K.G.; Eckert J.	Wear and corrosion resistance of a laser powder bed fused AZ91D magnesium matrix composite with TiC reinforcement	Materials and Design	256				7.6	10.1016/j.matdes.2025.114263
396	P., Seenu, Prakash; N., Karthikeyan, Nandhini; N.P., Hota, Namrata Priyadarshini; S., Enbanathan, Saravanan; S.K., Iyer, Sathiyanarayanan Kulathu	A multi-sensing quinazoline-derived fluorescent sensor for selective detection of Ru3+, Ir3+, Th4+, and UO22+ with environmental applications	Sensors and Actuators Reports	10				7.6	10.1016/j.snr.2025.100357

397	V.V.N.S., SURESH, Vishnu V.N.Satya; A., Swain, Anshuman; B.S., Revathi, B. Sri; J.M., Guerrero, Josep M.	Mamba based adaptive conformal inference for probabilistic short-term load forecasting	Knowledge-Based Systems					7.6	10.1016/j.knosys.2025.114222
398	Gowtham, K.; Babu, N.R.; Harshavarthini, S.; Raveendran, P.	Dual-functional fractal-fractional Sobel operator for efficient image enhancement and edge detection	Pattern Recognition	172				7.6	10.1016/j.patcog.2025.112592
399	ArunKumar, G.; Sumalatha, K.; Saravanan, D.; Bisht, A.K.	Optimized temporal inductive path neural network based early-stage detection of autism spectrum disorders	Pattern Recognition	172				7.6	10.1016/j.patcog.2025.112689
400	Lahiri, A.; Modi, N.; Jawahar, Y.V.; Varalakshmi, M.; Peer Mohideen, P.	Recursive-match prompting to enhance LLM-powered conversational AI capabilities in the judicial system	Knowledge-Based Systems	331				7.6	10.1016/j.knosys.2025.114856
401	Logeswaran, K.; Suresh, P.; Savitha, S.; Ananda Murugan, S.	Adaptive optimization with reinforcement learning for high utility itemset extraction	Knowledge-Based Systems	331				7.6	10.1016/j.knosys.2025.114733
402	Bhakuni M.S., Bhakuni P., Das A.	Stability analysis of multi-criteria decision making techniques for relief centre location selection: A safety-centric relocation model with cost considerations	Engineering Applications of Artificial Intelligence	144				7.5	10.1016/j.engappai.2024.109932
403	K K.; S S.K.; R S.; Katlam A.	Content-based medical retrieval systems with evidence-based diagnosis for enhanced clinical decision support	Expert Systems with Applications	272				7.5	10.1016/j.eswa.2025.126678

404	Chandran V.; Mohapatra P.	A boosted African vultures optimization algorithm combined with logarithmic weight inspired novel dynamic chaotic opposite learning strategy	Expert Systems with Applications	271				7.5	10.1016/j.eswa.2025.126532
405	Thottempudi P.; Jambek A.B.B.; Kumar V.; Acharya B.; Moreira F.	Resilient object detection for autonomous vehicles: Integrating deep learning and sensor fusion in adverse conditions	Engineering Applications of Artificial Intelligence	151				7.5	10.1016/j.engappai.2025.110563
406	Anguchamy K.K.; Palanisamy V.	Real-time object detection using improvised YOLOv4 and feature mapping technique for autonomous driving	Expert Systems with Applications	280				7.5	10.1016/j.eswa.2025.127452
407	Avinashi Malleswaran S.K.; Marimuthu K.; Robert P.; Kuppan P.	Optimized Bayesian tensorized neural network affording task failure prediction in cloud environment	Expert Systems with Applications	285				7.5	10.1016/j.eswa.2025.127538
408	P S.; Das A.	A novel bipolar hexagonal fuzzy MARCOS method for warehouse selection to e-waste recycling in a mass quantity	Expert Systems with Applications	283				7.5	10.1016/j.eswa.2025.127667
409	Venkatesan S.; Ganesan P.	Cobalt Coordinated Thiourea as Metal Organic Framework for Oxygen Evolution and Reduction Reactions and Its Al–Air Battery Applications	ChemSusChem					7.5	10.1002/cssc.202500739

410	Chinnasamy K.; Thevasigamani R.K.; Vincent R.; Gopalsamy Venkatesan S.K.; Kanniyappan D.T.; Kaliannan K.	DKSCNN: Deep Kronecker Siamese Convolutional Neural Network enabled speaker identification	Expert Systems with Applications	288				7.5	10.1016/j.eswa.2025.127946
411	J., Sasidevi, J.; A., Sathish, A.; S., Vatchala, S.; M., Nallusamy, M.	NASNet with African vulture optimization for detecting diabetic retinopathy stages in retinal fundus images	Expert Systems with Applications	0				7.5	10.1016/j.eswa.2025.128910
412	E., Arunadevi, E.; S., Umamaheswari, S.	Dynamic inventory optimization for three-warehouse: Balancing freshness-driven demand and preservation investments	Expert Systems with Applications					7.5	10.1016/j.eswa.2025.129233
413	R., Sathishkumar, R.; R., Prakash, R.	A review on activated carbons (AC) for CO2 capture applications: preparation, characterisation and surface modification methods	Fuel					7.5	10.1016/j.fuel.2025.136521
414	T., Chowki, Thahaseen; A.P., Murthy, Arun Prasad	Thin film electrocatalysts for water splitting application: a review	Fuel					7.5	10.1016/j.fuel.2025.136704
415	Shanmugasundaram, S.; Mitra, A.; Nayak, D.; Jeyaseelan, T.; Sureshkumar, P.; Singh, R.R.	Experimental and simulation analysis of green hydrogen production with integration of solar cell and electrolyser systems	Fuel	407				7.5	10.1016/j.fuel.2025.137378

416	Suri, H.; Suri, H.; Nagda, N.; Misra, T.; Vuppu, S.	Current perspectives on the human skin microbiome: Functional insights and strategies for therapeutic modulation	Biomedicine and Pharmacotherapy	193				7.5	10.1016/j.biopha.2025.118655
417	Dhamodaran, G.; Venugopal, S.; Sathyanarayanan, S.; Tamil Selvan, T.	Comparative analysis of a diesel engine fueled with hydrogen-enriched nanoparticle-emulsified second-generation biodiesel	Fuel	409				7.5	10.1016/j.fuel.2025.137851
418	Davamani, V.; Subramanian, S.; Poornima, R.; Premalatha, R.P.; Deepasri, M.; Kalaiselvi, P.; Gopalakrishnan, M.; Moon, C.J.; Theerthagiri, J.; Choi, M.Y.	From Utility to Toxicity: Managing Metalloid Pollution Through Innovative Remediation Technologies	Chemical Record					7.5	10.1002/tcr.202500191
419	Eshak, D.; Arumugam, M.	Nanomaterials: an overview of current trends and future prospects in neurological disorder treatment	Journal of Translational Medicine	23	1			7.5	10.1186/s12967-025-06877-6
420	Ahmed Z.; Kumar R.; Sharma A.K.; Xu R.; Miwa S.; Okamoto K.; Suzuki S.	Effect of wettability and particle size on aerosol removal efficiency in charged and neutral water spray systems	Journal of Environmental Chemical Engineering	13	2			7.4	10.1016/j.jece.2025.115822
421	Ashina C.; Sathishkumar P.	Highly crystalline nanoporous Bi4O5Br2 nanophotocatalyst for simulated solar light assisted degradation of nitrofurantoin antibiotic	Journal of Environmental Chemical Engineering	13	3			7.4	10.1016/j.jece.2025.116168

422	Salaimanimagudam M.P.; Jayaprakash J.	Effect of nozzle stand-off distance, printing interval, and inclusion of glass fiber mesh reinforcement in 3D printed concrete	Construction and Building Materials	476				7.4	10.1016/j.conbuildmat.2025.141235
423	Pavithra S.; Odukkathil G.; Shanthakumar S.	Microalgae-bacteria consortium for biohydrogen production-A potential microbial catalyst? A review on mechanism, influencing factors and process optimization	Journal of Environmental Chemical Engineering	13	3			7.4	10.1016/j.jece.2025.116627
424	Kumar R.; Ahmed Z.; Xu R.; Sharma A.K.; Yokoyama R.; Miwa S.; Suzuki S.; Okamoto K.	Investigation of aerosol particle dispersion and removal via non-reacting gas for Fukushima Daiichi plant decommissioning	Journal of Environmental Chemical Engineering	13	4			7.4	10.1016/j.jece.2025.117246
425	Sekaran M.; Thiagarajan K.	Biochemical detoxification of hexavalent chromium (Cr6 +) by the endophytic fungus Aspergillus ruber isolated from the marine alga Portieria hornemannii	Journal of Environmental Chemical Engineering	13	4			7.4	10.1016/j.jece.2025.117254
426	B., Duraivel, Balamurali; M., Natarajan, Muthuswamy	Performance, techno-economic viability, and environmental impact of Domestic Solar Tri-Generation System (DSTS): A comparative study of copper and galvanized iron-based systems for sustainable building applications	Journal of Building Engineering					7.4	10.1016/j.jobe.2025.113964

427	Malladi, R.C.; Garbacz, T.; Borg, R.P.; Thirumalini, T.; Vrabec, M.	Bio-enhanced lime mortars under atmospheric CO2 variability: Implications for heritage conservation and sustainable construction	Journal of Building Engineering	117				7.4	10.1016/j.jobe.2025.114753
428	Varghese R.; Shringi H.; Efferth T.; Ramamoorthy S.	Artificial intelligence driven approaches in phytochemical research: trends and prospects	Phytochemistry Reviews					7.3	10.1007/s11101-025-10096-8
429	A., Pootheri, Aswathi; P., Chinnaiyan, Ponnuraja; N., Ashok, Narmada; R., Saraswathy, Radha	Association between ambient air pollution and increased risk of respiratory diseases in Vellore and Ranipet, Tamil Nadu, India: A retrospective study	Environmental Pollution					7.3	10.1016/j.envpol.2025.127051
430	C.V. M.; M. D.R.; D. S.	On generalized Sugeno's class generator and parametrized intuitionistic fuzzy approach for enhancing low-light images	Applied Soft Computing	172				7.2	10.1016/j.asoc.2025.112865
431	Shafiya M.; Padmaja N.	Finite-time stabilization of fractional-order neural networks with time-varying delays: A generalized inequality approach and controller design	Applied Soft Computing	175				7.2	10.1016/j.asoc.2025.113074
432	Noel M.M.; L. A.; Trivedi A.; Dutta P.	Oscillating activation functions can improve the performance of convolutional neural networks	Applied Soft Computing	175				7.2	10.1016/j.asoc.2025.113077
433	Revathi K.G.; Shirley C.P.; Sreethar S.; P E.	Brain tumor segmentation using optimized depth wise separable convolutional neural network with dense U-Net	Knowledge-Based Systems	324				7.2	10.1016/j.knosys.2025.113678

434	M., Santhamoorthy, Madhappan; P., Asaithambi, Perumal; I., Perumal, Ilaiyaraja; N., Elangovan, Natarajan; P., Natarajan, Priyadarshini; M., Lin, Meiching; S., Kim, Seongcheol; K., Kumarasamy, Keerthika; T.T.V., Phan, Thi Tuong Vy	A comprehensive review of the functionalized polymer composite membranes in wastewater treatment	Journal of Environmental Chemical Engineering	13	5			7.2	10.1016/j.jece.2025.117735
435	C.A., Dhayanithi, Chettipalayam Arunasalam; S., Maheshwaran, Selvarasu; T.Y., Liu, Ting Yu; S., Ganesh Babu, Sundaram	Strategic interface engineering of nickel rods/Ni-MOF for the electrochemical detection of gatifloxacin in environmental samples	Journal of Environmental Chemical Engineering					7.2	10.1016/j.jece.2025.118189
436	S.R., Sitaaraman, S. R.; B., Rani, Barkha; S., Ghosh, Sourav	Carbon protective BiVO4 for photoelectrochemical water splitting applications: A synergistic experimental and machine learning approach	Journal of Environmental Chemical Engineering					7.2	10.1016/j.jece.2025.118847

437	H.M., Solayman, H. M.; C.J., Hsu, Che Jung; Z., Zheng, Zheru; D., Jagadeesan, Dhivya; A., Abd Aziz, Azrina; K.S., Khoo, Kuan Shiong; H.R., Chao, How Ran; J.J., Jiang, Jheng-Jie Jie	Advancing nanomaterial adsorbents for water purification: PEG-modified MoS2nanoflowers target diclofenac in the aquatic environment	Journal of Environmental Chemical Engineering					7.2	10.1016/j.jece.2025.118492
438	R., Karthikkumar, R.; K., Bhattacharjee, Koushiki; D., Chakraborty, Debanjan; S., Nandi, Shyamapada	Robust triazene-resorcinol polymeric framework for universal iodine and iodide scavenging	Journal of Environmental Chemical Engineering					7.2	10.1016/j.jece.2025.118343
439	T., Rohan, Thanjasamy; D., Harikaran, Dhakshnamoorthi; R.R., Vijayaraghavan, Rajagopalan R.	ASnO3(A = Ca, Sr, Ba) perovskites as new and efficient photocatalytic reductants for Cr (VI) remediation: Role of vacancies, pH and D-fructose	Journal of Environmental Chemical Engineering					7.2	10.1016/j.jece.2025.118363
440	J., Avinash, Jayaprakash; G., Madhumitha, Gunabalan; S.M., Roopan, S. M.	ZnIn2S4-based heterojunction photocatalysts for enhanced Cr(VI) reduction: A review	Journal of Environmental Chemical Engineering					7.2	10.1016/j.jece.2025.118368
441	Ramkumar, N.; Monash, P.	Fabrication of PES membranes using pure and mixed aprotic solvents (DMSO-DMAc) for enhanced membrane distillation	Journal of Environmental Chemical Engineering	13	6			7.2	10.1016/j.jece.2025.119571

442	Nagpal, S.; A.K.; P.; P.; Sreedhar, I.; Neerugatti, N.K.R.; Singh, S.A.	Surface engineering of continuous flow microreactors via ALD: Design strategies and applications	Journal of Environmental Chemical Engineering	13	5			7.2	10.1016/j.jece.2025.119101
443	Ganesan, S.; Kokulnathan, T.; Palaniappan, A.	Investigating the electrochemical detection of chlorpromazine and cytocompatibility of 2D/2D molybdenum diselenide/vanadium carbide-based nanocomposites	Journal of Environmental Chemical Engineering	13	6			7.2	10.1016/j.jece.2025.119404
444	Rahaman, M.; Sanfui, M.D.H.; Roy, S.; Nandy, P.; Sultana, S.; Chang, M.; Hasnat, M.A.; Mukherjee, G.; Chattopadhyay, P.K.; Maiti, D.K.; Singha, N.R.	Electrochemical sensing and oxidation of iodide ion in real aqueous solutions using collagen waste/nitrated graphene oxide/polymer hybrid materials	Journal of Environmental Chemical Engineering	13	6			7.2	10.1016/j.jece.2025.120328
445	Muniyandi, M.; Komal, M.; Pugazhenthiran, N.; Vinoth, V.; Panneerselvam, P.; Suresh, S.; Srituravanich, W.; Vasantharaj, S.; Anandan, S.	Exploring MXene-based nanomaterials for multifunctional photocatalysis: Competitiveness, challenges, and future directions	Journal of Environmental Chemical Engineering	13	6			7.2	10.1016/j.jece.2025.120077

446	Sivagami, K.; Gundlapalli, M.; Sunantha, S.; Gupta, A.S.; Lodha, R.; Bose, S.; Modestra, J.A.; Naik, S.P.; Kamble, S.S.; Basha, S.; Mohanakrishna, G.	Opportunities and challenges in utilizing carbon dioxide for value-added product generation via microbial electrosynthesis	Journal of Environmental Chemical Engineering	14	1			7.2	10.1016/j.jece.2025.120576
447	Seenu, P.; G.; Hota, N.P.; N.; R.; Jothi, D.; S.K.	The ESIPT-based benzothiazole chemosensor for colorimetric and fluorometric detection of ammonia, an environmental pollutant	Journal of Environmental Chemical Engineering	14	1			7.2	10.1016/j.jece.2025.120690
448	Pallicheruvu N.K., Gnanasekaran S.	ANN-driven prediction of optimal machine learning models for engine performance in a dual-fuel mode powered by biogas and fish oil biodiesel	Energy Conversion and Management: X	25				7.1	10.1016/j.ecmx.2024.100827
449	Amrita Dey; Denis Ashok S.	Trustworthy and Human Centric neural network approaches for prediction of landfill methane emission and sustainable waste management practices	Waste Management	195		44	54	7.1	10.1016/j.wasman.2025.01.017
450	Raj J.V.; Harish R.	Enhanced helical fin designs with sugar Alcohol-Based hybrid NEPCM for improved melting and thermal safety in Lithium-Ion battery	Energy Conversion and Management: X	26				7.1	10.1016/j.ecmx.2025.101032

451	Arumugam D.B.; Lakshmi Priya R.; Ganesh Babu S.; Bheeter C.B.	A Sustainable Approach toward Oxidation of Benzylic sp3 C-H Bond with Molecular Oxygen Using Recyclable Heterogeneous 2D-Supported CuO/rGO Catalyst	ACS Sustainable Chemistry and Engineering	13	20	7440	7449	7.1	10.1021/acssuschemeng.5c00636
452	Suganthi D.; Jamuna K.	Optimizing campus microgrid energy systems: Economic, environmental, and sensitivity insights	Energy Conversion and Management: X	27				7.1	10.1016/j.ecmx.2025.101046
453	Kathiresan M.; Rajamohan V.; R J.I.; Gnanasekar S.	Crashworthiness of pomelo-inspired PLA structures with gradient cellular design	International Journal of Mechanical Sciences	299				7.1	10.1016/j.ijmecsci.2025.110402
454	Murugan M.A.; Ganesan N.	Effect of methanol concentration on combustion and vibro-acoustic behaviour of a single-cylinder diesel engine fuelled with waste fried oil biodiesel-methanol-diesel ternary fuel blends at lower compression ratio	Sustainable Energy Technologies and Assessments	80				7.1	10.1016/j.seta.2025.104403
455	P., Ponnusamy, Prabakar; M., Loganathan, Muruganandam; S., Krishnasamy, Sivagami	Mass transfer modelling and nitrogen release kinetics of nano-biochar dispersed PVA/PVP matrix encapsulated slow-release fertilizer for sustainable agriculture	Chemical Engineering Journal Advances	23				7.1	10.1016/j.ceja.2025.100817

456	A.K., Padhan, Ashish Kumar; H.K., Sahu, Hemanta Kumar; B., Das, Bijaylaxmi	Advancing Maritime Communication: A Hybrid PLC/RIS-RF/UAC System with Performance Analysis	IEEE Transactions on Vehicular Technology					7.1	10.1109/TVT.2025.3591568
457	Y., Sharma, Yamini; S.D., Roy, Subha Deep; D.K., Raja, Das K.; V., Shankar, Vijayalakshmi	Integrating AI and statistical modelling for enhanced microalgae growth in 3D Bioprinted polymeric Scaffolds-a hybrid approach	Chemical Engineering Journal Advances					7.1	10.1016/j.ceja.2025.100821
458	I., Aryendu, Ishan; S., Arya, Sudhanshu; Y., Wang, Ying	AURA-GreeN: Aerial Utility-driven Route Adaptation for Green cooperative Networks	IEEE Transactions on Vehicular Technology					7.1	10.1109/TVT.2025.3601556
459	K., Gayathridevi, K.; A., Ray, Arunava	Influence of block shape and size distribution on bimslope stability: a numerical investigation of static and seismic behavior	International Journal of Geo-Engineering					7.1	10.1186/s40703-025-00248-2
460	Chandran, D.G.; Muruganandam, L.; Biswas, R.	Molecular dynamics insights of the removal of lead and cadmium from aqueous solution using functionalized graphene nanosheet	Chemical Engineering Journal Advances	24				7.1	10.1016/j.ceja.2025.100891
461	Palani, V.; Swain, A.	Linear and nonlinear analysis of functionally graded material shell structures with and without cutout under thermo-mechanical loadings: a critical review	Composite Structures	377				7.1	10.1016/j.compstruct.2025.119850
462	Mamgain R.; Kostić M.D.; Divac V.M.; Singh F.V.	Metal complexes with selenium-based ligands in organic synthesis	Russian Chemical Reviews	93	12			7	10.59761/RCR5143

463	Neeraja R.; Anbarasi L.J.	CephTransXnet: An attention enhanced feature fusion network leveraging neighborhood rough set approach for cephalometric landmark prediction	Computers in Biology and Medicine	188				7	10.1016/j.compbiomed.2025.109891
464	K R.; Karuna Y.	Gabor-modulated depth separable convolution for retinal vessel segmentation in fundus images	Computers in Biology and Medicine	188				7	10.1016/j.compbiomed.2025.109789
465	Bell I P.J.; Muniyan R.	Targeting the quorum sensing network in Acinetobacter baumannii: A dual target structure-based approach for the development of novel antimicrobials	Computers in Biology and Medicine	187				7	10.1016/j.compbiomed.2025.109828
466	Balakrishnan N.B.; Pillai A.S.; Jose Panackal J.; Sreeja P.S.	Alzheimer's Disease detection and classification using optimized neural network	Computers in Biology and Medicine	187				7	10.1016/j.compbiomed.2025.109810
467	Haribabu M.; Guruviah V.	FFSWOAFuse: Multi-modal medical image fusion via fermatean fuzzy set and whale optimization algorithm	Computers in Biology and Medicine	189				7	10.1016/j.compbiomed.2025.109889
468	Gopikrishnan M.; Elavarasu S.M.; Vasudevan K.; Shree Devi M.S.; K S.; Varsha A S.L.; Doss C G.P.	Evolutionary trajectories of Nipah virus: Evaluating the antiviral efficacy of Kabasura Kudineer Chooranam	Computers in Biology and Medicine	190				7	10.1016/j.compbiomed.2025.109973

469	Bharathidasan D.; Maity C.	Self-assembly of Tyrosine Scaffolds in Aqueous Media: Complex Molecular Architectures from Simple Building Blocks	Chemical Record					7	10.1002/tcr.202500005
470	Palanisamy T.B.; Arumugam M.	Transcriptomic analysis reveals potential biomarkers for early-onset pre-eclampsia using integrative bioinformatics and LASSO based approach	Computers in Biology and Medicine	192				7	10.1016/j.compbiomed.2025.110203
471	Benarjee S.; Vaegae N.K.	Hadamard code based numerical mapping approach for the identification of protein coding regions in genomic sequences using digital filters	Computers in Biology and Medicine	195				7	10.1016/j.compbiomed.2025.110565
472	S.S., Chandrasekaran, S. S.; R., Kesavaram, Ramesh; S., Manickam, Surendar; G.P., Ganapathy, G. P.; A., Ray, Arunava; P., Nivethiha, Pitchaikani; A., Thamizhmaran, Abishek	Failure mechanism of the rainfall-induced landslide in December 2024 in Tiruvannamalai, India: insights from the field, geotechnical, and remote sensing observations	Landslides					7	10.1007/s10346-025-02585-w

473	N., Khandelwal, Nimish; S.K., Behera, Shishir Kumar; A., Kumar, Ashutosh; V.V., Gedam, Vidyadhar V.	Life Cycle Assessment and Circular Economy in Emerging Green and Sustainable Energy Sectors: A Critical Review	Sustainable Energy Technologies and Assessments	81				7	10.1016/j.seta.2025.104436
474	K., Zhao, Kexin; Z., Ye, Zimeng; K., Huang, Kaihu; K.G., Prashanth, K. G.; Z., Yu, Zerong; W., Wu, Wenlu; null; F., Zhang, Fengying; T., Hua, Tan	Microstructure?property evaluation and equiaxed regulation of novel Ti-6Al-4V-2Cr-xMo alloys fabricated by directed energy deposition	Materials Science and Engineering: A					7	10.1016/j.msea.2025.149131
475	Abraham Gnanadass, S.; Pandey, S.; Viswanathan, P.	Decoding cuproptosis and cuproplasia: implications for therapeutic strategies in renal cell carcinoma	Cell Death Discovery	11	1			7	10.1038/s41420-025-02734-z
476	Silambarasan, R.; Seenuvasaperumal, P.	Analyze the influences of the post-short annealing process in microstructure, texture, and mechanical behavior of rolled AXM1021 magnesium alloy	Materials Science and Engineering: A	950				7	10.1016/j.msea.2025.149532
477	Sathishkumar S., Ibrahim M.M.	Evaluation of machine learning algorithms on hydrogen boosted homogeneous charge compression ignition engine operation for performance and emission prediction	Process Safety and Environmental Protection	195				6.9	10.1016/j.psep.2025.01.010

478	Sasidhar K.B.; Murugavelh S.; Ekambaram P.; Arumugam S.K.	Sustainable fuel production from waste ship oil sludge: A comprehensive technical and socio-economic analysis towards zero-waste discharge	Process Safety and Environmental Protection	196				6.9	10.1016/j.psep.2025.106888
479	Shanmugasundaram S.; Thangaraja J.; Rajkumar S.; Denis Ashok S.; Sivaramakrishna A.; Shamim T.	A review on green hydrogen production pathways and optimization techniques	Process Safety and Environmental Protection	197				6.9	10.1016/j.psep.2025.107070
480	Saravanan K.; Baskaran R.R.	Fucoxanthin supplemented combinatorial treatment accelerates diabetic wound healing in rats by targeting hypermethylation of Ang-1 promoter via DNMT-1 inhibition	Biomedicine and Pharmacotherapy	187				6.9	10.1016/j.biopha.2025.118148
481	A.B., Lingayat, Abhay Bhanudas; P., Das, Pritam; V.P., Chandramohan, V. P.	A detailed review on performance enhancement of solar air collector systems	Applied Thermal Engineering	279				6.9	10.1016/j.applthermaleng.2025.127530
482	M., Renganathan, Manimaran	Energy separation phenomena in a vortex tube with a helical ridge	Applied Thermal Engineering					6.9	10.1016/j.applthermaleng.2025.127752
483	A., Gupta, Arnab; C., Uva Narayanan, C.; S., Kumari, Sushma; S.H., Somashekhar, S. Hiremath; G., Manivasagam, Geetha	Investigation on the chemo-mechanical degradation mechanisms and biocompatibility assessment of a hierarchically surface-engineered Ti-6Al-4V ELI alloy	Applied Surface Science					6.9	10.1016/j.apsusc.2025.164280

484	R.B., Subramanian, Raja Balasaraswathi; R., Ramasamy, Rathinamoorthy	Microfiber release during apparel manufacturing process ? A greater concern than domestic laundering	Emerging Contaminants					6.9	10.1016/j.emcon.2025.100559
485	Shao, C.; Yang, Y.; Juneja, S.; GSeetharam, T.	IoT data visualization for business intelligence in corporate finance	Information Processing and Management	59	1			6.9	10.1016/j.ipm.2021.102736
486	Bibha Mishra, A.; Tomer, V.	Recent Insights on Synthesis, Stability, and Complexities of Water-in-Oil Pickering Emulsion: From Theory to Applications	Food Frontiers					6.9	10.1002/fft2.70159
487	Lokhande, I.K.; Dhakar, V.; Tiwari, N.	Experimental and numerical study of automated hybrid PCM and liquid cooling for high capacity Lithium-Ion pouch cell	Applied Thermal Engineering	285				6.9	10.1016/j.applthermaleng.2025.129252
488	Christudoss, A.C.; Villalan, D.P.; Viswanathan, D.; Agarwal, S.; Tyagi, S.; Goel, A.; Rustagi, M.; Mukherjee, A.	Microplastics in the disposable face mask leachates act as vectors of antibiotic toxicity: Toxicological insights in Vigna radiata	Emerging Contaminants	12	1			6.9	10.1016/j.emcon.2025.100616
489	Das U.; Shanavas S.; Jayaprakash M.; Senthil Kumar A.; Kushwaha R.; Mondal D.; Maity S.; Ghosh P.; Kar B.; Banerjee S.; Sudheer Shenoy P.; Bose B.; Paira P.	Reactive Oxygen Species Inducing Triazolylpyridine-Based Ru(II)/Ir(III) Complexes for Therapeutically Enhanced Triple-Negative Breast Cancer Treatment	Journal of Medicinal Chemistry	68	3	2764	2778	6.8	10.1021/acs.jmedchem.4c02089

490	N., Vijayakumar, Naveensubramaniam; S.K., Venkatraman, Senthil Kumar; T.N., Soundhariyaa, Thirumagal Nedunchezhian; S., Mohan, Saktiswaren; M.K.A., Magesvaran, Milisha Koh A.; G., Krishnamurithy, Genasan; R.A., Alex, Raveena Ann; J., Abraham, Jayanti; S., Sasikumar, S.	Fuel-assisted sol-gel combustion synthesis of monticellite: Structural, mechanical, and biological characterization for tissue engineering	Journal of Science: Advanced Materials and Devices					6.8	10.1016/j.jsamd.2025.100951
491	S.P., Naik, Sneha Prakash; O., Sarkar, Omprakash; G., Velvizhi, G.; L., Matsakas, Leonidas; G., Mohanakrishna, Gunda	Role of cathode materials and their advancement for sustainable hydrogen evolution reaction in microbial electrolysis cells	Current Opinion in Chemical Engineering					6.8	10.1016/j.coche.2025.101176
492	H.K., Reddy Durgam, Himasai Kiran; P.V., Ramani, Prasanna Venkatesan	Green construction supply chain: Reviewingadvancements, obstacles, and possibilities	Cleaner Logistics and Supply Chain					6.8	10.1016/j.clscn.2025.100259
493	Kar, B.; Rahaman, A.; Pal, M.; Banerjee, A.; Roy, M.; Chakrabarty, R.; Bhattacharjee, S.; Mandal, D.P.; Paira, P.	Mitochondria-Targeting 1H-Imidazo[4,5-f][1,10]phenanthroline-Based Binuclear Ru(II)/Ir(III)/Re(I) Complexes as a Promising Avenue for In Vitro Genotoxicity and In Vivo Tumor Immunotherapy	Journal of Medicinal Chemistry	68	19	20011	20036	6.8	10.1021/acs.jmedchem.5c00523

494	Jayakrishna, S.S.; Ganesh, S.S.; Das, U.; Subramanian, S.; Jayaker, P.A.	Slowing down the ripening process of frozen strawberries activates Botrytis Cinerea and Rhizopus mycelium fungus: Inspect through AI-based SSFI model	Postharvest Biology and Technology	232				6.8	10.1016/j.postharvbio.2025.113984
495	Theeda, P.; Noman, F.; Pal, A.; Phan, R.C.-W.; Ombao, H.; Chee-Ming, C.-M.	A Unified Framework for Sparse Reconstruction via Preconditioning and Nonconvex Regularization	IEEE Journal of Biomedical and Health Informatics					6.8	10.1109/JBHI.2025.3623171
496	Joseph, S.; Govardhan, V.; Nedunchezhian, S.T.; Varkey, D.R.; Abraham, J.; Choudhary, R.; Sasikumar, S.	Zinc-doped calcium magnesium silicate ceramics: A comprehensive study on bioactivity, mechanical strength, and microbial resistance	Journal of Science: Advanced Materials and Devices	10	4			6.8	10.1016/j.jsamd.2025.101023
497	Kumar, N.; Q.-V.; Belal, M.A.; Kaja, K.R.; Nguyen, P.H.; Le-Van, Q.; Vo, V.; V.T.T.; Nguyen, P.K.T.; Hoai Ta, Q.T.	Progress in synthesis of Ti3C2Tx MXene-based nanostructures for energy harvesting and storage: A review	Journal of Science: Advanced Materials and Devices	10	4			6.8	10.1016/j.jsamd.2025.101034
498	Edwin Dhas D., Suchetha M., Chon K.H., Ziani S.	Adjacent Channel Weight Dependable RLS Adaptive Filter with VMD based Artifact Removal Mechanism in Fetal ECG Separation	IEEE Journal of Biomedical and Health Informatics					6.7	10.1109/JBHI.2025.3528565

499	Ravikumar T., Thirumalaisamy L., Thomas A., Nallakumar S., Pandiaraj S., Mr M., Alodhayb A.N., Pitchaimuthu S., Dananjaya V., Abeykoon C., Sivaperuman K., Grace A.N.	Impact of annealing temperature on the response and sensitivity of spinel ZnFe2O4 thin film to ammonia gas sensing at room temperature	Materials Today Chemistry	43				6.7	10.1016/j.mtchem.2025.102515
500	V B.; A A.; M A.X.	Phase structure, microstructure, and mechanical properties of FeCoCrNi-based eutectic high-entropy alloys reinforced with MWCNTs and Gr	Journal of Science: Advanced Materials and Devices	10	2			6.7	10.1016/j.jsamd.2025.100868
501	Ramachandra N.; Natarajan R.	Kubernetes and IoT-based next-generation scalable energy management framework for residential clusters	Journal of Building Engineering	104				6.7	10.1016/j.jobe.2025.112292
502	Sekaran M.; Thiagarajan K.	Green strategies for chromium detoxification in tannery effluents: Adsorption and bioconversion with Portieria hornemannii	Environmental Technology and Innovation	38				6.7	10.1016/j.eti.2025.104151
503	Shunmuga Vembu P.R.; Ammasi A.	Waste magnesite rocks (WMR) as a novel aggregate for long-term durability and eco-bond efficiency in self-compacting concrete	Journal of Building Engineering	105				6.7	10.1016/j.jobe.2025.112453

504	Mukram T A.; Daniel J.	Evaluation of the performance of different micro-PCMs in cement brick cavities for passive cooling applications	Journal of Building Engineering	105				6.7	10.1016/j.jobe.2025.112502
505	Shanmugasundaram S.; Jeyaseelan T.	Hydrogenation: A novel fuel processing technology for efficient heating with kerosene and waste cooking oil fuel blends	Fuel	400				6.7	10.1016/j.fuel.2025.135755
506	Sahoo B.B.; Usama M.; Bal D.K.	Effectiveness of polyacrylamide gel formulation for CO2 and H2S mitigation in biogas purification	Fuel	401				6.7	10.1016/j.fuel.2025.135856
507	Ganeshbabu M.; Manochkumar J.; Efferth T.; Ramamoorthy S.	Lutein: A natural defence combating age-related macular degeneration	Phytomedicine	143				6.7	10.1016/j.phymed.2025.156578
508	Jose M S.; Sumathi S.	A review of electrospun polymeric fibers as potential drug delivery systems for tunable release kinetics	Journal of Science: Advanced Materials and Devices	10	3			6.7	10.1016/j.jsamd.2025.100933
509	Kewate O.J.; Jan H.; Al Mahmud A.; Batool A.; Singh K.; Rosaiah P.; Asim M.; Tamang T.L.; Hussain I.	MXene/transition metal sulfide composites in energy storage applications: A review	Materials Today Chemistry	47				6.7	10.1016/j.mtchem.2025.102816

510	V.L., Prasanna, V. Lakshmi; D., Balaji, Daneshwaran; C., Cherrat, Cyrine; V.K., Vadivel, Vinod Kumar; R.R., Vijayaraghavan, Rajagopalan R.; D., Avisar, Dror	Photocatalytic ozonation and Fenton-like properties of in-situ-grown zinc peroxide on g-C?N?: Unlocking multimodal reactivity under ambient and visible light	Journal of Water Process Engineering					6.7	10.1016/j.jwpe.2025.108663
511	Dhayanithi, C.A.; Hariprasad, B.S.; Albassami, N.A.; Govindasamy, M.; Ganesh Babu, S.	Disposable defect-rich nickel sulfide/boron nitride electrodes for high-sensitivity amperometric detection of chlorpromazine in environmental matrices	Journal of Water Process Engineering	80				6.7	10.1016/j.jwpe.2025.109190
512	Govindarajan T.S.; Jegan B.; Rengachary Gopalan S.	Development and implementation of a user-centric real-time energy monitoring and feedback system for energy conservation	Energy and Buildings	340				6.6	10.1016/j.enbuild.2025.115787
513	D., Nithyanandham, Deva; F., Augustin, Felix	A multi-bipolar fuzzy graph and its centrality measure based decision making system for healthcare waste treatment method selection	Applied Soft Computing	182				6.6	10.1016/j.asoc.2025.113564
514	S., Saroj, Smrithi; V., Uthirapathy, Vijayalakshmi	Superparamagnetic iron oxide-hydroxyapatite composite coatings for bio-imaging, hyperthermia and orthopedic applications	Journal of Materials Research and Technology	36		6155	6171	6.6	10.1016/j.jmrt.2025.04.253

515	A., Roushan, Alisha; A., Das, Amrit; A., Dutta, Anirban; U.K., Kumar Bera, Uttam Kumar	Multi-modal multi-trip supply chain model aided by smart contract victim tracking ? An innovative pathway to disaster management under uncertainty	Applied Soft Computing					6.6	10.1016/j.asoc.2025.113687
516	K., Balaji, Keertan	Pervasive multifaceted process based generative adversarial network for image quality enhancement	Applied Soft Computing					6.6	10.1016/j.asoc.2025.113780
517	C.G.G.D., Rajasingh, Cibi Gabriel Goldwynsingh David; K., Palaniyandi, Kuppan; A., Moganraj, Arivarasu	Investigation of energy absorption and deformation behaviour of novel nested hybrid lattice structure during uniaxial compression under high-strain-rate loading in multiple directions	Journal of Materials Research and Technology					6.6	10.1016/j.jmrt.2025.05.175
518	Gunasekaran, D.L.; Sakthivadivel, S.	Experimental Investigation and 4E+Q (Energy, Exergy, Economic, Environmental, and Quality) Analysis of a Novel Solar Evacuated Tube Dryer	Solar Energy	303				6.6	10.1016/j.solener.2025.114080
519	Karthikeyan, N.; Naveen, J.; Venugopal, A.; Sudhagar P, E.; RAJESH, M.	Deep learning-based prediction of mechanical properties in MWCNT-modified epoxy adhesives and co-cured CFRP composites joints	Journal of Materials Research and Technology	39		2180	2206	6.6	10.1016/j.jmrt.2025.09.244

520	Balaji, V.; Paulchamy, P.; Joel, J.; Ashwath, P.; Andre, B.; Pitchaimuthu, P.; Anthony Xavior, M.	Embrittlement behaviour of metal additive-manufactured high-entropy alloy components under gaseous and electrochemical hydrogen charging	Journal of Materials Research and Technology	39		3927	3947	6.6	10.1016/j.jmrt.2025.10.076
521	Girija, M.; Sampath kumar, T.; Naher, S.	Synergistic Akermanite/PMMA/Zirconia Composites with Nature Inspired Structure via 3D Printing for orthopaedics	Journal of Materials Research and Technology	39		5238	5250	6.6	10.1016/j.jmrt.2025.10.152
522	P, A.A.; J, J.J.T.; K, H.; K, V.; Kumar, S.; Sekar, A.	DAEENet: A novel Dual Attention based Edge Enhanced network for asphalt pavement deterioration detection and segmentation	Case Studies in Construction Materials					6.6	10.1016/j.cscm.2025.e05436
523	Kothandam, S.; Vadivel, S.; Nedunchezhian, S.T.; Choudhary, R.; Abraham, J.; Varkey, D.R.; Maheshwaran, S.; Sasikumar, S.	Optimizing in-vitro biomineralization, mechanical integrity, and antimicrobial activity of strontium doped larnite for hard tissue regeneration	Journal of Materials Research and Technology	39		8811	8826	6.6	10.1016/j.jmrt.2025.11.201
524	Prajapati, V.K.; Pitchaimani, J.; Chinnapandi, L.B.M.	Vibration and acoustic response characteristics of re-entrant auxetic core quadrilateral sandwich panel with multi-phase composites facing under supersonic flow	Thin-Walled Structures	220				6.6	10.1016/j.tws.2025.114419

525	Konduru H., Karthiyaini S., Shanmugasundaram M.	Comparative study of silica fume and sodium silicate as replacement of active reactive silica in bauxite residue based geopolymer mortar	Case Studies in Construction Materials	22				6.5	10.1016/j.cscm.2025.e04302
526	Regalla S.S., Kumar N.S.	Optimizing ultra high-performance concrete (UHPC) mix proportions using technique for order preference by similarity to ideal solution (TOPSIS) for enhanced performance: Precision towards optimal concrete engineering	Case Studies in Construction Materials	22				6.5	10.1016/j.cscm.2025.e04205
527	Mohan N.B., Yoon J.U., Bindhu A., Woo I., Gajula P., Arun A.P., Bae J.W.	Impact of Pentaerythritol (Core), Dimethylol Butanoic Acid (Monomer) Based Second Generation Aliphatic Hyperbranched Polymer on the Tribonegative Performance of Polyvinylidene Fluoride	Advanced Sustainable Systems					6.5	10.1002/adsu.202400731
528	Chandralega V.; Shanmugasundaram M.; Stone D.	Enhancing the performance of iron-based binders with seawater and CO2 sequestration	Case Studies in Construction Materials	22				6.5	10.1016/j.cscm.2025.e04367
529	Regalla S.S.; N S.K.	The enhancing role of nanomaterials in revolutionizing ultra-high-performance concrete (UHPC): A journey from atomic precision to structural prominence	Case Studies in Construction Materials	22				6.5	10.1016/j.cscm.2025.e04608

530	R P O.S.; M S.	Interactive influence of basalt fibres and pozzolanic additives on the mechanical and microstructural properties of self-compacting concrete	Case Studies in Construction Materials	22				6.5	10.1016/j.cscm.2025.e04650
531	Vignesh R.; Abdul Rahim A.	Optimization and potential utilization of agro-industrial by-products as binders in quaternary blended pastes – A sustainable approach	Case Studies in Construction Materials	22				6.5	10.1016/j.cscm.2025.e04588
532	Mundanat A.S.; Singh V.; Talniya N.C.; Rana S.S.	Plasma modification in fruit juices: Changes in structure, colour, rheological parameters and sensory properties	Food Chemistry: X	27				6.5	10.1016/j.fochx.2025.102445
533	Venkatesan H.M.; Yoon J.U.; Bindhu A.; Woo I.; Gajula P.; Arun A.P.; Bae J.W.	Reinforcing the Strategy: Enhanced Efficiency of Electrospun PVDF Hybrid Nanocomposites-Based Triboelectric Nanogenerators with p-NiO/n-ZnO Interfaces for Energy Harvesting	Advanced Sustainable Systems					6.5	10.1002/adsu.202500180
534	Narendra S.; Vasugi V.	Development of sintered artificial coarse aggregate by employing the Taguchi optimization technique	Case Studies in Construction Materials	22				6.5	10.1016/j.cscm.2025.e04724
535	Joseph Gnanaraj S.; Vasugi K.	Optimising symbio-pozzolanic composite hydrophobic powder for enhancing mechanical strength and corrosion resistance in cementitious matrix: A response surface methodology approach	Case Studies in Construction Materials	22				6.5	10.1016/j.cscm.2025.e04736

536	UshaVipinachandran V.; Naveenkumar K.; Haroon K.H.B.; Ashokan I.; Sinha A.; Maity P.; Bhunia S.K.	Rational Design of Reduced Graphene Oxide/TiO2/Gold Nanorod Nanocomposite for Complete Degradation of Polystyrene Microplastics in Wastewater	Advanced Sustainable Systems					6.5	10.1002/adsu.202500096
537	S., Dange, Sakshi; K., Arumugam, K.; V., Sai Saraswathi, V.	Hydrogeochemical insights for sustainable irrigation: A case study from the Palar River Basin, Tamil Nadu	Agricultural Water Management	317				6.5	10.1016/j.agwat.2025.109662
538	H., Muralikrishnan, Haripriya; N., Padmaja, N.; E., Umamaheswari, E.; L., Shanmugam, Lakshmanan	Synchronization for coupling delayed complex dynamical networks in time-square-dependent looped-functionals via a new sampled-data control approach	Neurocomputing	649				6.5	10.1016/j.neucom.2025.130819
539	N., Manoj, N.; R., Sriraman, Ramalingam; R., Gurusamy, R.; Y., Shang, Yilun	Further results on global stability of Clifford-valued neural networks subject to time-varying delays	Neurocomputing	651				6.5	10.1016/j.neucom.2025.130886
540	Yuvaraj, R.; Fogarty, J.S.; Rajalakshmi, R.; Sarkar, R.	Classroom activity recognition using hybrid 3D-CNNs and visualization of action features with Grad-CAM	Neurocomputing	657				6.5	10.1016/j.neucom.2025.131694
541	Priyanka, T.M.C.; Gowrisankar, A.	Multifractality in chaos and bursting oscillations in 4D heterogeneous Hopfield neural network with a memristor-based adaptive activation function	Neurocomputing	658				6.5	10.1016/j.neucom.2025.131780

542	Jalapathy, P.; Mubashir Unnissa, M.	Revolutionizing sustainability and adoption of blockchain technology: A dual-channel approach to (Re)manufacturing strategy with an extended warranty	Computers and Industrial Engineering	211				6.5	10.1016/j.cie.2025.111566
543	Jalapathy, P.; Mubashir Unnissa, M.	Blockchain-enhanced reliability modeling for decentralized systems	Computers and Industrial Engineering	211				6.5	10.1016/j.cie.2025.111648
544	Venkatraman, S.; Sathya Venkatesh, P.K.; Vairamoorthy, P.; Anandakumar, A.; Ashok, S.A.	SPROUT: Symptom-centric Prototypical Representation Optimization and Uncertainty-aware Tuning for few-shot precision agriculture	Neurocomputing	667				6.5	10.1016/j.neucom.2025.132137
545	Thirunavukarasan K., Sucharitha G.	Thermal performance and MHD peristaltic flow of hybrid nanofluid (Au-Ta/Blood) in an asymmetric conduit with electro-osmosis and shape factor effects	Case Studies in Thermal Engineering	66				6.4	10.1016/j.csite.2024.105708
546	Rajeswari P M., De P.	Entropy optimization of stagnant blood flow systems with tetra-hybrid nano additives under viscous dissipation, joule heating and thermal radiation effects	Case Studies in Thermal Engineering	66				6.4	10.1016/j.csite.2024.105692

547	Ramesh H., Senthil Raja S., Gangadevi R., Baskaran M., Marimuthu R.	Effect of volume concentration and sonication time on the performance of a hybrid solar collector based hydrogen production system with hybrid nanofluid: An experimental investigation	Case Studies in Thermal Engineering	66				6.4	10.1016/j.csite.2025.105743
548	Aruna J.; Niranjan H.	An artificial neural network approach to comparative aspects: A predictive analysis of magnetic dipole on the heat transfer of maxwell hybrid nano coolants flow in an inclined cylinder	Case Studies in Thermal Engineering	68				6.4	10.1016/j.csite.2025.105825
549	Raja Sekhar Y.; Chilambarasan L.; Sharma K.V.; Kanti P.K.; Sharma P.; Paramsivam P.; Dhanasekaran S.	Solar flat plate collectors with internally grooved absorber tubes for enhanced efficiency: Application of eXplainable artificial intelligence using cooperative game theory-based Shapley values	Case Studies in Thermal Engineering	68				6.4	10.1016/j.csite.2025.105912
550	Gajjela N.; Balakrishnan A.S.; Garvandha M.; Niranjan H.; Raju A.; S S.	Impact on induced magnetic field over a second-grade hybrid nanofluid in unsteady thermal systems	Case Studies in Thermal Engineering	69				6.4	10.1016/j.csite.2025.105956
551	Jena S.; Singh V.; Nemalipuri P.; Das H.C.; Pradhan M.K.; Vitankar V.; Hotta T.K.	Hydrodynamics and Mixing analysis of different bed materials with coal in an industrial scale bubbling fluidized bed boiler	Case Studies in Thermal Engineering	69				6.4	10.1016/j.csite.2025.105989

552	Iyer K.; Malick H.A.; Nair S.; Harish R.	CFD-ML analysis of finned pipe hybrid PCM systems for enhanced cold energy storage	Case Studies in Thermal Engineering	69				6.4	10.1016/j.csite.2025.106000
553	Sadasivan A.; Gananathan K.; Pal Nesamony Rose Mary J.D.; Balasubramanian S.	A Systematic Survey of Graph Convolutional Networks for Artificial Intelligence Applications	Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery	15	2			6.4	10.1002/widm.70012
554	Rajesh S.; Chiranjeevi C.; Shaik S.; Vigneshwaran P.; Hussain F.; Saleel C.A.; Afzal A.	Techno-economic analysis of a hybrid thermal desalination system integrated with a PVT collector	Case Studies in Thermal Engineering	71				6.4	10.1016/j.csite.2025.106155
555	Siddheshwar P.G.; Anirudh P.; Jagadeesh Kumar M.S.; Idris R.	Study of chaos in Rayleigh–Bénard convection of a micropolar fluid	International Communications in Heat and Mass Transfer	165				6.4	10.1016/j.icheatmasstransfer.2025.108967
556	Duraivel B.; Muthuswamy N.	Optimizing energy efficiency in residential buildings: A comprehensive evaluation of solar concrete water heaters integrated with photovoltaics and thermoelectric cooling	Case Studies in Thermal Engineering	72				6.4	10.1016/j.csite.2025.106218
557	Chibani A.; Merouani S.; Badji R.; Rashid F.L.; Kezzar M.; Idris S.A.; Sari M.R.; Rushi Kumar B.; Nagarathnam S.	Numerical analysis of the thermal and electrical performance of concentrated photovoltaic systems integrated with multiple phase change materials	Case Studies in Thermal Engineering	72				6.4	10.1016/j.csite.2025.106251

558	Rajan R.; Shaik S.	Multilayered novel transparent wood glazing systems for enhanced energy performance and economic feasibility in green buildings	Case Studies in Thermal Engineering	72				6.4	10.1016/j.csite.2025.106439
559	B., Bakthavatchalam, Balaji; G.F.L., Al-Doori, Ghassan Fadil Lattif; S.A., Algarni, Salem A.; T., Alqahtani, Talal; R.K., Rajamony, Reji Kumar; K., Habib, Khairul; O.A., Hussein, Omar Assi; S.D., Barewar, Surendra D.	Life cycle cost analysis of an innovative nanofluid assisted photovoltaic thermoelectric air conditioner for energy efficiency enhancement in buildings	Case Studies in Thermal Engineering	73				6.4	10.1016/j.csite.2025.106494
560	A., Gupta, Aman; D., Majumdar, Debasish; S., Prakash, Suprabh	Neutrino oscillation measurements with KamLAND and JUNO in the presence of scalar NSI	Physics of the Dark Universe	49				6.4	10.1016/j.dark.2025.102011
561	S., Palanisamy, Satheeshkumar; V., Thangaraju, Vigneshwaran; K., Jeevitha, K.; A.O., Salau, Ayodeji Olalekan	Towards precision in IoT-based healthcare systems: a hybrid optimized framework for big data classification	Journal of Big Data					6.4	10.1186/s40537-025-01243-1

562	E., Di Valentino, Eleonora; J., Levi-Said, Jackson; A.G., Riess, Adam G.; A., Pollo, Agnieszka; V., Poulin, Vivian; A., G?mez-Valent, Adri?; A., Weltman, Amanda; A., Palmese, Antonella; C.D., Huang, Caroline D.; C.V.D., Bruck, Carsten Van De … Soumya Chakrabarti, et al.,	The CosmoVerse White Paper: Addressing observational tensions in cosmology with systematics and fundamental physics	Physics of the Dark Universe					6.4	10.1016/j.dark.2025.101965
563	Lokhande, I.K.; Patloo, M.U.; Swain, A.A.; Shetty, M.V.; Tiwari, N.; Kumar, H.	A numerical study of smart hybrid cooling for thermal management in high-capacity pouch cell packs	International Communications in Heat and Mass Transfer	169				6.4	10.1016/j.icheatmasstransfer.2025.109857
564	Aruna, J.; Hari, H.	Modeling the effects of gyrotactic microbes in membrane bioreactor systems for micropollutant removal from sewer water: ANN and statistical-based optimization review	International Communications in Heat and Mass Transfer	169				6.4	10.1016/j.icheatmasstransfer.2025.109826
565	Dantuluri, C.V.; Naveen, N.; Suraparaju, S.K.; Geddam, V.S.; K, A.S.; Rajamony, R.K.; Mahmoud, A.E.D.; Khushboo; S, S.P.	Thermoeconomic analysis of solar still energy storage using carbonised biomass microparticles	International Communications in Heat and Mass Transfer	169				6.4	10.1016/j.icheatmasstransfer.2025.109774

566	V.p, V.P.; Jayakumar, V.; Bakthavatchalam, B.; Kusekar, S.; Rajamony, R.K.; Algarni, S.; Alqahtani, T.	Thermal performance of a twisted square duct with increasing and decreasing pitch compound twisted tape inserts: A numerical analysis	International Communications in Heat and Mass Transfer	170				6.4	10.1016/j.icheatmasstransfer.2025.110005
567	Ahmed, Z.; Kumar, R.; Sharma, A.K.; Xu, R.; Yokoyama, R.; Nishimura, Y.; Villanueva, W.; Yamano, H.; Pellegrini, M.; Okamoto, K.	Experimental and numerical analysis of boron diffusion in eutectic melt under uniform radiative heating of B4C-SS control rod composites	International Communications in Heat and Mass Transfer	170				6.4	10.1016/j.icheatmasstransfer.2025.110016
568	Das P.K., Meher S., Rath A., Panda G.	An efficient deep learning system for automatic detection of Acute Lymphoblastic Leukemia	ISA Transactions					6.3	10.1016/j.isatra.2024.12.043
569	Harikaran D.; Shukla A.; Suresh A.S.; Shanmugam R.; Senthilkumar S.; Madhavan J.; R V.	Improved charge carriers separated heterojunction photocatalyst ZnO2/2D g-C3N4 for rapid and enhanced degradation of ciprofloxacin: Pathways & toxicity assay	Journal of Water Process Engineering	70				6.3	10.1016/j.jwpe.2025.107103
570	Jayakrishna S.S.; Ganesh S.S.	DAD-YOLO as a novel computer vision tool to predict the environmental impact of harmful algae presence in contaminated river water employed for large-scale irrigation to agricultural field	Journal of Water Process Engineering	71				6.3	10.1016/j.jwpe.2025.107439

571	Kujur S.M.; Vijaya J.J.; Kennedy L.J.	Carbon black endorsed CuGd2-xPrxO4 nanocomposites for efficient photocatalytic disintegration of lomefloxacin hydrochloride by persulphate activation	Journal of Water Process Engineering	72				6.3	10.1016/j.jwpe.2025.107454
572	Manickam G.; Balaji L.; Polit O.; D'Ottavio M.	Bimodulus composite materials based variable stiffness laminates using curvilinear fibre-reinforced layers- static bending characteristics under mechanical and thermal loadings	Composite Structures	365				6.3	10.1016/j.compstruct.2025.119183
573	Pothapragada I.S.; R S.	GANs for data augmentation with stacked CNN models and XAI for interpretable maize yield prediction	Smart Agricultural Technology	11				6.3	10.1016/j.atech.2025.100992
574	Mataghare B.C.; Yadav P.R.; Giradkar S.R.; Maske R.G.; Patil V.S.; Channe V.D.; Aher S.B.; Muskawar P.N.; Bhagat P.R.	Synthesis of porphyrin comprising pyridinium ionic liquid with sulfonic acid moiety for photo-degradation of paracetamol in simulated wastewater	Journal of Water Process Engineering	75				6.3	10.1016/j.jwpe.2025.108056
575	Mani A.; Chandrasekaran S.K.; Goutham V.	Enhancing NOMA-MEC Based Intelligent Farming: Performance Analysis and HSBOO Optimization	IEEE Open Journal of the Communications Society					6.3	10.1109/OJCOMS.2025.3576776
576	S., Chakraborty, Sohini; N., Shakhapur, Nidhi; S., K, Sathya; S., Banerjee, Satarupa	Comparative machine learning analysis for predicting organ tropism in breast cancer and identifying key gene signatures	Computers in Biology and Medicine	196				6.3	10.1016/j.compbiomed.2025.110749

577	S., Periyasamy, Sivakumar; C., Justin Raj, C.; P., Subramanian, Palaniappan; A., Dennyson Savariraj, Antonysamy; R., Manikandan, Ramu; H.R., Jung, Hyun R.	Designing a high-performance electrode leveraging dual-material synergy in a nanoarchitectural framework: Progressing towards supercapacitors with enhanced energy density	Journal of Alloys and Compounds	1037				6.3	10.1016/j.jallcom.2025.182267
578	S., Periyasamy, Sivakumar; C.J., Raj, C. Justin; P., Subramanian, Palaniappan; A., Dennyson Savariraj, Antonysamy; R., Manikandan, Ramu; H.R., Jung, Hyun R.	Unveiling binder-free hierarchically interlinked MoS2 nanosheet integrated Co9S8 nanosheet in a nanohybrid architecture framework coupled with in-situ anion exchange engineering from its corresponding oxygen counterparts for advanced supercapacitor	Journal of Alloys and Compounds	1037				6.3	10.1016/j.jallcom.2025.182283
579	N., Prem Sankar, N.; J., Anita Christaline, J.	Analysis of the impact of organic manure in techno-efficient production of renewable energy from food waste	Journal of the Taiwan Institute of Chemical Engineers	175				6.3	10.1016/j.jtice.2025.106242
580	S., Kandasamy, Suganeswaran; S.R., Nathan, Seerangan Ragu; R., Vani, R.; T., Mohanraj, T.	Erosion parameter optimization of AA7075 surface composites with steel slag: A response surface methodology approach for aircraft fuselage applications	Surfaces and Interfaces	72				6.3	10.1016/j.surfin.2025.107117

581	R., Lakshmi Priya, Rajendran; S., Ganesh Babu, Sundaram	Investigation on impact of shape of 3D-ZnO and zinc oxide-loaded on functionalized multi-walled carbon nanotubes for efficient synthesis of tetraketone derivatives	Surfaces and Interfaces	72				6.3	10.1016/j.surfin.2025.107211
582	R., Varghese, Ressin; K.S., Deb, Krishna Sayantika; K., Pal, Kuntal; A., Jonnalagadda, Annapurna; A.K., Cherukuri, Aswani Kumar; M., Dawood, Mona; J.C., Boulos, Joelle C.; T.H., Efferth, Thomas H.; S., Ramamoorthy, Siva	Harnessing the Potential of Carotenoids for Cancer Therapy: An Integrated Machine Learning and MST Based Approach	Phytotherapy Research					6.3	10.1002/ptr.70064
583	A., Sharma, Abhiram; R., Srivats, R.; K., P.b, Krishna; U., Mishra, Utkarsh; K., R, Krithiga; N., S, Nachiyappan	SpectroNet-LSTM: An interpretable deep learning approach to cardiac anomaly detection through heartbeat sound analysis	Computers in Biology and Medicine					6.3	10.1016/j.compbiomed.2025.110774
584	L., Susmitha, L.; A.S., Ebenezer, A. Shamila; J.S., Priya, Jeba S.; n.S.P., Subathra, null S.P.; S., Thomas George, S.; G., Peter, Geno; A.A., Stonier, Albert Alexander	An effective multi-modality analysis for stress classification: A signal-to-image conversion using local pattern techniques	Computers in Biology and Medicine					6.3	10.1016/j.compbiomed.2025.110847

585	R., Gowthami, R.; null; S.M., Gali, Swapna M.; K.K., Tadi, Kiran Kumar	Manganese embedded hematene and reduced graphene oxide nanocomposite for supercapacitor applications	Journal of Alloys and Compounds					6.3	10.1016/j.jallcom.2025.182687
586	K., Ajaya Kumar Reddy, K.; K., Renuga Devi, K.; S., Dondapati, Sreekanth	Enhanced bioperformance of micro arc oxidation-coated ZM21 Mg alloy by incorporating silicate-based bio ceramics	Surfaces and Interfaces					6.3	10.1016/j.surfin.2025.107494
587	T.A., Sundaram, T. Appar; K., Kowsuki, K.; R., Nirmala, Rajkumar; Y., Ra, Yongho; R., Navamathavan, Rangaswamy	Synthesis and characterizations of MnMoO4 for energy storage applications	Journal of Alloys and Compounds					6.3	10.1016/j.jallcom.2025.183218
588	J., Islam, Junaidul; E.N., Furqon, Elvin Nur; I., Farady, Isack; J.S.R., Alex, John Sahaya Rani; C.T., Shih, C. T.; C., Kuo, Chiachen; C., Lin, Chihyang	Enhancing the reliability of Alzheimer's disease prediction in MRI images	Computers in Biology and Medicine					6.3	10.1016/j.compbiomed.2025.111111
589	D., Sharma, Divya; S., Arumugam, Sivakumar	A machine learning-Assisted QSAR and integrative computational combined with network pharmacology approach for rational identification of tankyrase inhibitors in colon adenocarcinoma	Computers in Biology and Medicine					6.3	10.1016/j.compbiomed.2025.111068

590	Kashyap, K.P.; Kumar, N.N.; Kumar, P.V.; Durgaprasad, P.; Shukla, P.; Raju, C.S.K.	Numerical solutions for multi-layer flow of hybrid nanofluid using feedforward neural network	Propulsion and Power Research					6.3	10.1016/j.jppr.2025.09.006
591	Danish, M.; Ahmad, T.; Alam, M.G.; Che Zain, M.S.; Mohamad Amini, M.H.M.; Roopan, S.M.; Zulkifli, M.B.	Optimization of adsorption parameters of bromocresol green dye and Acacia mangium wood activated carbon: Kinetics, thermodynamics, isotherm, and surface interaction mechanism	Surfaces and Interfaces	75				6.3	10.1016/j.surfin.2025.107798
592	Chang, Y.; Torrens, R.; Sivaswamy, G.; Moganraj, A.; Zhu, Q.; Jayabalan, B.; Singh, A.P.	Thermomechanical powder processing of Ti-6Al-2Sn-4Zr-2Mo-0.1Si: Influence of powder morphology, oxygen content, and elemental partitioning on microstructure and mechanical performance	Journal of Alloys and Compounds	1043				6.3	10.1016/j.jallcom.2025.184200
593	Geethukrishnan; Tadi, K.K.	Electrochemical sensing of creatinine using a disposable Cu-wire electrode decorated with MoS2 nanosheets	Journal of Alloys and Compounds	1045				6.3	10.1016/j.jallcom.2025.184724
594	Premsuryakanth, P.U.; Arulvel, S.	Magneto-electrophoretic deposition of chitosan-zinc oxide composite coatings on SS 316L: Surface properties and cell viability analysis	Surfaces and Interfaces	78				6.3	10.1016/j.surfin.2025.108062

595	Selvaraj, S.; Sivakumar, S.; Sundaram, M.K.; Gopinath, V.; Saravanakumar, I.; Tembadamani, S.; Balavigneswaran, C.K.; Muthuvijayan, V.	Zwitterionic hydrogels as antibiofouling, adhesive coatings: Effects of gelatin methacrylate crosslinking on physicochemical, mechanical, and adhesive properties	European Polymer Journal	241				6.3	10.1016/j.eurpolymj.2025.114401
596	Chakaravarthy, R.S.; Swaroop, S.	Integrated study of laser shock peening on Inconel 617 using Code_Aster simulations, experimental analysis, and Gaussian Process Regression for residual stress prediction	Journal of Alloys and Compounds	1047				6.3	10.1016/j.jallcom.2025.184996
597	Venkatraman, S.; P.r, J.D.; Kavitha, M.S.	Hierarchical graph-guided contextual representation learning for Neurodegenerative pattern recognition in MRI	Computers in Biology and Medicine	199				6.3	10.1016/j.compbiomed.2025.111276
598	Kuttykattil, A.; Kumar, S.B.; Pachiyappan, J.K.; Chandrasekar, S.; Sudhakaran, S.; Selvakumar, R.; Kuppusamy, G.; Palanisami, T.	Molecular interactions and dynamics of microplastics in indoor dust with lung-inflammatory receptors: A study in academic settings	Journal of Environmental Sciences (China)	161		384	390	6.3	10.1016/j.jes.2025.08.019

599	Reddivari, R.; Joseph, D.P.; Reddy, N.P.; Naidu, S.R.; Santhosh, R.; Maharana, G.; Vijay, A.; Muddamalla, M.; Kovendhan, M.; Eithiraj, R.D.; Jayavelu, Y.; Haranath, D.; Murali, M.	Bankable large area transparent conducting Nb and Sb co-doped SnO2 thin films	Surfaces and Interfaces	78				6.3	10.1016/j.surfin.2025.108142
600	Gayathri, S.V.; Subbulekshmi, D.; Kennedy, L.J.	Influence of sputtering power and post-annealing on the structural, magnetic, and optical properties of CoFeNi?MgO?CoFeNi trilayer thin films	Surfaces and Interfaces	80				6.3	10.1016/j.surfin.2025.108227
601	Nallakumar, S.; Thirumalaisamy, L.; Sivaperuman, K.; Ravikumar, T.; Thomas, A.; V.; Sekar, A.; U.M.; Darla, M.; Babu, R.S.; U.R.	Catalytic interplay and oxygen vacancy mediation on pristine and silver doped bismuth vanadate thin films for potential ammonia detection at room temperature	Surfaces and Interfaces	80				6.3	10.1016/j.surfin.2025.108306
602	P B., Kumar P., Chidambaram S.K., Choukiker Y.K., Bhowmick A.	Performance of a nonlinear energy harvesting CR-enabled D2D network with censoring and NOMA	Alexandria Engineering Journal	118		234	245	6.2	10.1016/j.aej.2025.01.006
603	Nandi S., Al-Rawashdeh A., Konar P.	Non-linearity of the dynamics of transcendental function using Fibonacci–Mann iteration and some critical remarks	Alexandria Engineering Journal	117		1	12	6.2	10.1016/j.aej.2024.12.104

604	Nithin Mithra S., Ahankari S.S.	Phosphorylated cellulose nanocrystals/polyvinyl alcohol-L arginine coating in facilitated transport membranes for biogas purification	Carbohydrate Polymer Technologies and Applications	9				6.2	10.1016/j.carpta.2025.100679
605	Mukherjee S., Kumar R., Behera M., Goyal A., Rahman M.R.	Rheology, mechanical properties and microstructure characterization of limestone calcined clay cement (LC3) incorporated sustainable lightweight self-compacting concrete	Developments in the Built Environment	21				6.2	10.1016/j.dibe.2025.100601
606	Nguyen V.N.; Chung N.; Balaji G.N.; Rudzki K.; Hoang A.T.	Internet of things-driven approach integrated with explainable machine learning models for ship fuel consumption prediction	Alexandria Engineering Journal	118		664	680	6.2	10.1016/j.aej.2025.01.067
607	Yelamasetti B.; Aslesha C.L.; Sarathi T V.; Rajyalakshmi G.; Shelare S.; Sharma S.; Lozanovic J.; Ismail A.I.	Synergistic effects of optimizing stir casting and friction stir welding for WC and Al2O3 based nano-particulates reinforced AA2014 and AA6061 alloys: Mechanical, weldability, corrosion, and microstructural morphological insights	Journal of Materials Research and Technology	35		4895	4909	6.2	10.1016/j.jmrt.2025.02.140
608	Xi L.; Zhang Y.; Geng X.; Gu D.; Shi K.; Ramasamy P.; Prashanth K.G.; Eckert J.	Irradiation-induced atomic migration and its effect on the surface and mechanical properties of laser additive manufactured MWCNTs/Al–Mg–Sc–Zr composites	Journal of Materials Research and Technology	35		4043	4054	6.2	10.1016/j.jmrt.2025.02.109

609	Dixit S.S.; Muruganandam L.; Ganesh Moorthy I.	Pectin from fruit peel: A comprehensive review on various extraction approaches and their potential applications in pharmaceutical and food industries	Carbohydrate Polymer Technologies and Applications	9				6.2	10.1016/j.carpta.2025.100708
610	Vinothraj U.T.; Xavior M.A.	Effect of heat treatment on tribological properties of AISI 316L manufactured through selective laser melting	Journal of Materials Research and Technology	35		7180	7192	6.2	10.1016/j.jmrt.2025.03.024
611	Mallick B.; Parida P.; Nayak C.; Ali N.; Panda M.K.; Prasad B.; Sahu G.; Palai G.	Secure real-time transmission of multi-spectral satellite images inducing a 6D hyper-chaotic system and BB84 QKD protocol	Alexandria Engineering Journal	122		364	384	6.2	10.1016/j.aej.2025.02.113
612	M. A.; Shaw S.; Debnath S.	Effect of variable viscosity and wall porosity on the transport of chemically active solute in a three-layered blood flow model	Alexandria Engineering Journal	125		198	213	6.2	10.1016/j.aej.2025.03.128
613	Vodyaho A.; Delhibabu R.; Ignatov D.I.; Zhukova N.	Run time dynamic digital twins and dynamic digital twins networks	Future Generation Computer Systems	172				6.2	10.1016/j.future.2025.107823

614	Koshy J.T.; Sangeetha D.	Minocycline Hydrochloride-infused Polyvinyl alcohol/ pectin-based bio-nanocomposite antibacterial hydrogel films reinforced with nanofibrillar cellulose from biomass for preventing bactericidal infections in wound dressings	Carbohydrate Polymer Technologies and Applications	10				6.2	10.1016/j.carpta.2025.100831
615	G., Surya, G.; P., Anbarasan, P.	Tea tales: An analytical exploration of branding strategies and consumer trends in the tea industry	Journal of Agriculture and Food Research	23				6.2	10.1016/j.jafr.2025.102190
616	N.K., Dhandapani, Naveen Kumar; K.M., Sambasivam, Kavitha Munisamy	Valorization of Oil Cakes for Various Applications: A Comprehensive Review	ChemBioEng Reviews					6.2	10.1002/cben.70024
617	S., Priyadarsini, Swagatika; null; S.S., Rana, Sandeep Singh; F., Ahmad, Faraz; null; M., Panda, Mrutunjaya; Y., Kumar, Yogesh	Comparative physicochemical analysis of freeze-dried milk powders from camel, goat and donkey	Applied Food Research					6.2	10.1016/j.afres.2025.101356
618	J., Kandasamy, Jayakrishna; M., Ethirajan, Manavalan; T.K., Kumar Agrawal, Tarun Kumar; S., Jagtap, Sandeep	A new blockchain and IoT based architecture of food safety system for confectionery supply chain in Industry 4.0 era	Applied Food Research					6.2	10.1016/j.afres.2025.101340

619	Lakshmanan, R.; Eswaramoorthy, N.; Joelin, C.; Raguram, T.; Agalya, S.; Rajesh, S.; Gnanasekaran, A.; Rengasamy, M.; Nasinathan, R.; Rajaram, K.	Multi-Functional hBN/ZrO2/CaO ? PVDF-HFP Composite Films for Enhanced Passive Daytime Radiative Cooling and Piezocatalytic Dye Degradation	Advanced Materials Technologies					6.2	10.1002/admt.202501298
620	Arumugam, M.; Subha, N.; Sankar, A.R.; Natarajan, T.S.; Yang, H.-H.	Layered double hydroxide materials based next-generation photocatalytic system for CO2 reduction and H2 production applications	FlatChem	54				6.2	10.1016/j.flatc.2025.100947
621	Huang, H.; Luo, J.; Fang, M.; Zhuang, J.; He, Y.; Sathian, S.; Tan, Z.; Tang, Y.	A progressive local attention mechanism for fine-grained crop pest identification	Journal of Agriculture and Food Research	24				6.2	10.1016/j.jafr.2025.102502
622	Nagarajan, G.; Dhinesh Babu, L.D.	Missing data imputation on biomedical data using deeply learned clustering and L2 regularized regression based on symmetric uncertainty	Artificial Intelligence in Medicine	123				6.2	10.1016/j.artmed.2021.102214
623	Das, N.; Mandal, S.; Mal, S.S.; Bose, S.; Maity, C.	Catalytically controlled formation of coumarin-based hydrogelator enables colorimetric ferrous ion detection in sol and hydrogel	Communications Chemistry	8	1			6.2	10.1038/s42004-025-01760-3

624	Kothandam, S.; Vijayakumar, N.; Collin, M.S.; Alex, R.A.; Abraham, J.; Waren, S.; Magesvaran, M.K.; Krishnamurithy, K.; Swamiappan, S.	Preparation of biowaste derived multifunctional akermanite/larnite composite biomaterial for orthopaedic applications	Journal of the European Ceramic Society	46	6			6.2	10.1016/j.jeurceramsoc.2025.118085
625	Christudoss A.C., Kundu R., Dimkpa C.O., Mukherjee A.	Aging of disposable face masks in landfill leachate poses cyto-genotoxic risks to Allium cepa: Perils of uncontrolled disposal of medical waste	Plant Physiology and Biochemistry	220				6.1	10.1016/j.plaphy.2024.109472
626	He Y., Zhao K., Zhang Y., Prashanth K.G., Ye Z., Yu Z., Zhang F.	Evaluation of fatigue crack growth rates and fracture toughness in a selective laser-melted Ti-5.6Al-3.8V alloy with optimized microstructure after heat treatment	Materials Science and Engineering: A	924				6.1	10.1016/j.msea.2025.147822
627	Barman S.; Roy S.M.; Kishore P.; Ghosh M.; Bag P.; Sarkar A.K.; Ghatak T.; Maji P.S.; Basu A.; Mukherjee R.; Ghosh S.K.; Chowdhury A.D.; Maity A.R.	Concurrent targeted delivery of doxorubicin and curcumin to the cancer cells using simple and versatile ligand-installed multifaceted chitosan-based nanoconjugates	Journal of Materials Chemistry B					6.1	10.1039/d4tb01809e
628	Chadha U.; Zablotny K.; Mallampati A.; Pawar H.G.; Batcha M.A.; Preethi S.K.G.; Arunchandra A.N.S.; Choudhury M.; Singh B.P.	Seed regeneration aided by nanomaterials in a climate change scenario: A comprehensive review	Nanotechnology Reviews	13	1			6.1	10.1515/ntrev-2024-0126

629	Mohan K.; Lakshmanan V.R.	Unveiling microplastic menace: analyzing abundance, distribution, and sources across diverse land use types in South India	Frontiers of Environmental Science and Engineering	19	4			6.1	10.1007/s11783-025-1966-y
630	Rajan G.; Kumar A.; Mula S.	Influence of friction stir processing on wear behavior of nanosized SiC reinforced AA5083 nanocomposites developed by stir casting	Journal of Manufacturing Processes	141		1631	1649	6.1	10.1016/j.jmapro.2025.03.065
631	Senthilkumar H.; Arumugam M.	Gut microbiota: a hidden player in polycystic ovary syndrome	Journal of Translational Medicine	23	1			6.1	10.1186/s12967-025-06315-7
632	Boopalan V.; Jose J.; Rajesh Kanna P.; Arumugam S.K.; Taylor R.A.; Tamilarasan S.K.	Recent progress in the utilisation of supercritical CO2 in heat exchangers and its application in HVAC systems: Towards a sustainable future	Applied Thermal Engineering	273				6.1	10.1016/j.applthermaleng.2025.126472
633	Varghese R.; Emerson A.; Vannier B.; George Priya Doss C.; Priyadharshini R.; Efferth T.; Ramamoorthy S.	Substantial Effects of Carotenoids on Skin Health: A Mechanistic Perspective	Phytotherapy Research					6.1	10.1002/ptr.8480
634	Pandiyan R.; Praveen Kumar G.	Experimental analysis of a sky radiative cooling system and numerical investigation of its integration with a chiller and energy storage system for sustainable cooling applications	Applied Thermal Engineering	275				6.1	10.1016/j.applthermaleng.2025.126813

635	Dinesh L.; Susila P.; Prashanth K.G.; Sivaprasad K.	The influence of Laves phase morphology on the mechanical properties of rotary friction welded Inconel 718 fabricated by selective laser melting	Materials Science and Engineering: A	937				6.1	10.1016/j.msea.2025.148416
636	Suresh P.; Muneer S.	Light spectrum mediated improved graft-healing response by enhanced expression of transport protein in vegetables under drought conditions	Plant Physiology and Biochemistry	225				6.1	10.1016/j.plaphy.2025.109780
637	Murugesan M.D.; Shanmugam H.; Daniel J.; Thangavel V.; Felix R.A.	Modeling and experimental validation of PCM-based thermal energy storage in ETSC system	Applied Thermal Engineering	278				6.1	10.1016/j.applthermaleng.2025.126913
638	Praveen kumar K.; Gopal V.; Prasanth S.; Manivasagam G.; Chatterjee K.; Suwas S.	Tribocorrosion of biomedical Ti-Nb-Ta alloys fabricated by directed energy deposition using elemental powders	Tribology International	211				6.1	10.1016/j.triboint.2025.110906
639	A.R., Vijayaraj, Anu Ragavi; P., Subbulakshmi, P.	MO-hHHO: Multi-Objective Hybrid Harris Hawks Optimization for Prediction of Coronary Artery Disease	Advanced Intelligent Systems					6.1	10.1002/aisy.202500172
640	R., Chaturvedi, Rini; S.S.A., Hussain, Syed Shah Areeb; H., Sampath, Hayavadhan; M., Rahi, Manju; B.R., Mirdha, Bijay Ranjan; A.P., Sharma, Amit P.	Spatiotemporal epidemiology and clinical manifestations of two decades of scrub typhus in India: A systematic review and meta-analysis	BMJ Global Health					6.1	10.1136/bmjgh-2025-018998

641	S.I.S., Mohammad, Suleiman Ibrahim Shelash; R.O., Saleh, Raed Obaid; A., Ali Alzahrani, Abdullah; A., Vasudevan, Asokan; A.K., Kareem, A. K.; K.D., Prasad, K. D.V.; P., Bhupathi, Priyadharshini; H., Hafsan, Hafsan; F.F., Sead, Fadhil Faez; Y.F., Mustafa, Yasser Fakri	Advances in colorimetric-photothermal dual-mode biosensors for food safety: Mechanism, applications and challenges	Talanta					6.1	10.1016/j.talanta.2025.128838
642	Rajesh, R.; Senthil Kumar, A.S.	Electrochemical Deposition of Zn?Ni Hexacyanoferrate on Spherical Glassy Carbon for a High-Voltage Aqueous Sodium?Zinc Ion Hybrid Battery	Advanced Sustainable Systems					6.1	10.1002/adsu.202500859
643	Goutham, V.; Harigovindan, V.P.; Mahesh, M.; Jayakody, D.N.K.	Optimized Resource Allocation for Delay-Tolerant ALOHA?NOMA for Enhancing the Performance of Underwater Acoustic Sensor Networks	IEEE Open Journal of the Communications Society	6		8296	8310	6.1	10.1109/OJCOMS.2025.3612749
644	Kareem, A.; Theyagarajan, K.; Thenmozhi, K.; Pitchaimuthu, S.; Senthilkumar, S.	A Comprehensive Review on Transition Metal-Based Catalysts for Water Electrolysis: Fundamentals, Recent Progress, and Future Perspectives	Advanced Sustainable Systems					6.1	10.1002/adsu.202501270

645	Basith, S.A.; Chandrasekhar, A.; Faruque Ali, S.F.; Arunachalakasi, A.	Lead-Free Perovskites for Piezoelectric?Triboelectric Energy Harvesting and Sensing Applications: A Comprehensive Review	Advanced Sustainable Systems					6.1	10.1002/adsu.202501128
646	Mohanapriya, D.; Kareem, A.; Hussain, S.; Senthilkumar, S.; Thenmozhi, K.	Designing NiHCF-Ti3C2 MXene Bifunctional Nano-Heterostructure Toward the Fabrication of Supercapacitor and Electrochemical Catechol Sensor	Advanced Sustainable Systems					6.1	10.1002/adsu.202501260
647	Dey, P.; Osborne, J.W.; Lincy Kirubhadharsini, B.	Exploration of functional genes in Brucella anthropi for hexavalent chromium bioremoval through gene mining: A whole genome sequencing based approach	Ecotoxicology and Environmental Safety	309				6.1	10.1016/j.ecoenv.2025.119472
648	Ben Hamida, M.B.; Sadeq, A.M.; Arumugam, S.; Karuppusamy, P.; Dhilipkumar, T.; Shankar, K.V.; RAJESH, M.; Alrasheedi, N.	Evaluating the influence of graphene nano powder inclusion on mechanical, vibrational and water absorption behaviour of ramie/abaca hybrid composites	Nanotechnology Reviews	14	1			6.1	10.1515/ntrev-2025-0245
649	Sathyanarayanan S., Pandiaraj S., Abeykoon C., Alzahrani K.E., Alodhayb A.N., Grace A.N.	Investigating the potential of perovskite-based redox electrolytes for dye sensitised solar cells: An in-depth analysis using mathematical and DFT techniques	Solar Energy	288				6	10.1016/j.solener.2025.113267

650	Varughese J.J., M.S. S.	Predictive modelling of hexagonal boron nitride nanosheets yield through machine and deep learning: An ultrasonic exfoliation parametric evaluation	Results in Engineering	25				6	10.1016/j.rineng.2025.104127
651	Menon B.K., Deshpande T., Pal A., Kothandaraman S.	Critical regions identification and coverage using optimal drone flight path planning for precision agriculture	Results in Engineering	25				6	10.1016/j.rineng.2025.104081
652	Preethi R B., Shalu S B., Nair M S., Sarobin M V.R.	EE-SAMS: An adaptive, SNN based energy-efficient data aggregation framework for agrovoltaic monitoring systems	Results in Engineering	25				6	10.1016/j.rineng.2025.104053
653	Sakthiram T., Yogesh L., Srikanth R., Prabhakar M., Angalaeswari S.	Single-switch ultra-high step-Up DC-DC converter for PV applications	Results in Engineering	25				6	10.1016/j.rineng.2025.104050
654	Gunasekaran K., Samikannu R.	Thermal analysis of onboard front-end AC/DC converter for EV using advanced semiconductor devices	Results in Engineering	25				6	10.1016/j.rineng.2025.104040
655	R D., Kumaravelu V.B.	Outage analysis and power optimization in uplink and downlink NOMA systems with Rician fading	Results in Engineering	25				6	10.1016/j.rineng.2025.104021
656	Raju L., Vasanth Kumar D.	Biological sludge from textile dyeing effluent treatment plant – Characterization, combustion simulation and its impact on air pollution	Results in Engineering	25				6	10.1016/j.rineng.2024.103850

657	Karthikeyan K.V., Harish R.	Enhanced aerodynamic performance of NACA4412 airfoil through integrated plasma actuator and Gurney flap flow control	Results in Engineering	25				6	10.1016/j.rineng.2025.103977
658	Eappen G., T S., A R.	Migration and mutation (MeTa) hybrid trained ANN for dynamic spectrum access in wireless body area network	Results in Engineering	25				6	10.1016/j.rineng.2024.103883
659	P S R., S S.K.	Analysis of single event transient impact in Si/Si-Ge Gate-All-Around nanowire FET using TCAD	Results in Engineering	25				6	10.1016/j.rineng.2025.103930
660	Anbazhagan M., Michael A.X.	Mechanical and microstructural characterization of graphene reinforced Alumina Ceramic matrix composite	Results in Engineering	25				6	10.1016/j.rineng.2025.103942
661	R M., Mutra R.R.	Fault classification in rotor-bearing system using advanced signal processing and machine learning techniques	Results in Engineering	25				6	10.1016/j.rineng.2024.103892
662	Padma A., Ramaiah M.	Lightweight privacy preservation blockchain framework for healthcare applications using GM-SSO	Results in Engineering	25				6	10.1016/j.rineng.2024.103882
663	Lakshminarayanan R., Shaik A., Balasundaram A.	Automated speech therapy through personalized pronunciation correction using reinforcement learning and large language models	Results in Engineering	25				6	10.1016/j.rineng.2025.103943

664	Dange S., Arumugam K., Vijayaraghavalu S.S.	Unlocking Vellore's water future: Integrated hydrogeochemical research aligns with SDGs 6, 12, and 13	Results in Engineering	25				6	10.1016/j.rineng.2024.103852
665	Pande Y., Chaki J.	Brain tumor detection across diverse MR images: An automated triple-module approach integrating reduced fused deep features and machine learning	Results in Engineering	25				6	10.1016/j.rineng.2024.103832
666	Muthunandhini R., Palanivel K.	Optimizing industrial growth: A spherical fuzzy MCDM framework for industrial revolutions	Results in Engineering	25				6	10.1016/j.rineng.2024.103844
667	A. S.P., B. S.	Designing a hybrid stack ensemble model to enhance sepsis classification using data triangulation approach	Results in Engineering	25				6	10.1016/j.rineng.2024.103748
668	Y S., P V.	Optimal data dissemination by using meta-heuristic strategy over 802.11p in VANETs to improve efficiency and effectiveness	Results in Engineering	25				6	10.1016/j.rineng.2024.103830
669	Balan G.S., Raj S.A.	Impact load bearing and energy absorption in sandwich polymer composites: Projectile versus shock loadings	Results in Engineering	25				6	10.1016/j.rineng.2024.103815
670	M A., De P.	Soret-Dufour driven unsteady MHD bioconvective tetra-hybrid nano-additives over rotating disks with varying thermophysical property	Results in Engineering	25				6	10.1016/j.rineng.2024.103828

671	S P., M K N., R A., A C.J.M.	Study and design of heart-shaped microstrip patch antenna for SART applications	Results in Engineering	25				6	10.1016/j.rineng.2024.103819
672	Yogithanjali Saimadhuri K.N., Janaki M.	Advanced control strategies for microgrids: A review of droop control and virtual impedance techniques	Results in Engineering	25				6	10.1016/j.rineng.2024.103799
673	Prasshanth C.V.; Narayanan S.B.; Sridharan N.V.; Vaithiyanathan S.	Fault detection in photovoltaic systems using unmanned aerial vehicle-captured images and rough set theory	Solar Energy	290				6	10.1016/j.solener.2025.113348
674	Shubham; Prasanth K.S.L.; Pandey R.K.	Optimization of lattice temperature and electrothermal characteristics of stacked nanosheet FET using vanadium oxide as buried oxide and trench material for sub-5 nm technologies	Results in Engineering	25				6	10.1016/j.rineng.2025.104338
675	Gnanasekaran A.; Paul J.; Rengasamy M.; Prakash R.; Lakshmanan R.; Nasinathan R.; Ahankari S.S.; Rajaram K.	Perovskite structured LaCoO3 photothermal material decorated nanocellulose aerogel for efficient interfacial solar steam generation	Results in Engineering	25				6	10.1016/j.rineng.2025.104373
676	Thakkar H.; G. V S.S.H.; K R.D.; Dondapati S.	Microstructural evolution, thermal stability and nanoindentation behaviour of (MgAl)70Zn20(BiSn)10 light weight high entropy alloy	Results in Engineering	25				6	10.1016/j.rineng.2025.104297

677	Perumal R.S.; Muralidharan B.	Activated biochar derived from Ricinus communis outer shell: Influence of KOH impregnation ratio on physicochemical properties and EMI shielding effectiveness	Results in Engineering	25				6	10.1016/j.rineng.2025.104362
678	Ravikumar C.V.; Satish K.	Modelling and design of a hexagonal grating structure for underwater acoustic wave sensing	Results in Engineering	25				6	10.1016/j.rineng.2025.104148
679	V J.K.; Elumalai V.K.	A proximal policy optimization based deep reinforcement learning framework for tracking control of a flexible robotic manipulator	Results in Engineering	25				6	10.1016/j.rineng.2025.104178
680	Sreenivasulu V.; Ravikumar C.	FractalNet-based key generation for authentication in Voice over IP using Blockchain	Ain Shams Engineering Journal	16	3			6	10.1016/j.asej.2025.103286
681	B G.; K K A.M.; X A.X.G.	High-speed, glitch-free, and low power carbon nanotube based linear phase frequency detector for 6G applications	Results in Engineering	25				6	10.1016/j.rineng.2025.104353
682	D R.K.; Venkatesan V.; Periyasamy R.; Rubini B.; G R.; Kumar O.P.; Vincent S.	A novel CPW-fed flexible antenna with circular polarization for enhanced vehicular communication systems	Results in Engineering	25				6	10.1016/j.rineng.2025.104337

683	Palaniyappan B.; Ramu S.K.	Optimized LSTM-based electric power consumption forecasting for dynamic electricity pricing in demand response scheme of smart grid	Results in Engineering	25				6	10.1016/j.rineng.2025.104356
684	Mageswaran R.; Ponnusamy P.	Impact of nutrient dynamics on chlorophyll-a concentrations in non-interconnected lakes: A study in the Vellore and Chennai region	Results in Engineering	25				6	10.1016/j.rineng.2025.104315
685	Hemalatha C.K.; Venkatachalam G.; Bhuvaneshwari M.	Investigation of thermal conductivity of Prosopis juliflora / Acacia leucophloea / Acacia nilotica fibers / ceramic fillers / epoxy composites	Results in Engineering	25				6	10.1016/j.rineng.2025.104225
686	R R.; Vidhya V.	A study on state dependent single server queue with Markov modulated arrival under hyper exponential service times using block matrix structured approach	Ain Shams Engineering Journal	16	3			6	10.1016/j.asej.2025.103293
687	Anand J.; Karthikeyan B.	Dynamic priority-based task scheduling and adaptive resource allocation algorithms for efficient edge computing in healthcare systems	Results in Engineering	25				6	10.1016/j.rineng.2025.104342
688	Baranidharan B.; Murali G.B.; Cao Z.; Mahapatra G.S.	Pentagonal fuzzy fractional three-stage sustainable transportation network problem incorporating extension principle	Ain Shams Engineering Journal	16	2			6	10.1016/j.asej.2025.103261

689	Paul D.; Devaprakasam D.	Mitigating the impact of ultraviolet radiation and extreme environments on solar cell and panel performance: A state-of-the-art review and critical analysis	Solar Energy	290				6	10.1016/j.solener.2025.113342
690	Shadrach F.D.; Vidhya K.; Palraj K.; Chandru Vignesh C.; Almotairi S.; Jenish Dev M.	Hexa-mobile net for NOMA Rayleigh fading channel estimator via Hexagonal pilot insertion	Ain Shams Engineering Journal	16	4			6	10.1016/j.asej.2025.103317
691	Sreenivasulu P.; Hussain J.	Design of cascaded control loops for the implementation of adaptive MPPT control algorithm on doubly fed induction generator based wind energy conversion system	Results in Engineering	25				6	10.1016/j.rineng.2025.104384
692	Neelakandan A.; Doss A.S.A.; Lakshmaiya N.	Computational design exploration of rocket nozzle using deep reinforcement learning	Results in Engineering	25				6	10.1016/j.rineng.2025.104439
693	Sheik Abdullah A.; V K.; Geetha S.; Mishra U.	Leveraging deep learning for enhanced diagnosis of autism spectrum disorder using resting-state functional magnetic resonance imaging and clinical data	Results in Engineering	25				6	10.1016/j.rineng.2025.104444
694	Ganesh C.; Murali A.; S S.K.	Hybrid current mirror-voltage latch sense amplifier with offset correction for enhanced yield in process-sensitive SRAM	Results in Engineering	25				6	10.1016/j.rineng.2025.104462

695	R S.; M H.; Thangavelu S.	A cluster based routing for maximizing the lifetime of underwater wireless sensor network using gravitational search algorithm	Results in Engineering	25				6	10.1016/j.rineng.2025.104470
696	R M.; Kothari A.A.; Deshpande Y.A.; A R.A.	Grain boundary evolution and micro texture development in hot press sintered GRCop alloys	Results in Engineering	25				6	10.1016/j.rineng.2025.104471
697	Manikandan P.; Venkatesan K.	Role of volumetric energy density on surface quality and mechanical properties of selective laser melted 310 stainless steel	Results in Engineering	25				6	10.1016/j.rineng.2025.104479
698	Venkatraman M.; Xavior M.A.	Microstructural Study and Property Evaluation of Graphene Reinforced AA2195 Metal Matrix Composites	Results in Engineering	25				6	10.1016/j.rineng.2025.104492
699	Saranya V.; Karthiyaini S.; Stone D.	Enhancement of strength and microstructural characterization in red mud-iron carbonate binders: Effects of CO2 sequestration and oxalic acid concentration	Results in Engineering	25				6	10.1016/j.rineng.2025.104539
700	Yadav A.R.; Kumar V.N.	PSO-optimized fractional order CNNs for enhanced breast cancer detection	Results in Engineering	26				6	10.1016/j.rineng.2025.104559
701	S A.; R P.; M R.	Comparative analysis of different time-frequency image representations for the detection and severity classification of dysarthric speech using deep learning	Results in Engineering	25				6	10.1016/j.rineng.2025.104561

702	Kumar R.S.; Meera P.S.; Lavanya V.; Hemamalini S.	Brown bear optimized random forest model for short term solar power forecasting	Results in Engineering	25				6	10.1016/j.rineng.2025.104583
703	Dhanusree T.S.; Jacob G.	An efficient bilayer graphene-conducting polymer counter electrode for dye sensitized solar cells	Solar Energy	291				6	10.1016/j.solener.2025.113407
704	Ricky R.; Harini S.; Shanthakumar S.	Removal of N,N-diethyl-m-toluamide (DEET) using Chlorella vulgaris: a study on its tolerance limits and its effects on biochemical composition	Environmental Sciences Europe	37	1			6	10.1186/s12302-025-01075-z
705	K S G.; Reka S.S.; Keisuke S.; Venugopal P.	EMG controlled mobile robot equipped with gripper mechanism for fine motor skills training in rehabilitation	Results in Engineering	26				6	10.1016/j.rineng.2025.104563
706	Shivadasan A.E.; Shanmugam P.K.	Advanced fault detection methodologies and communication protocols for DC micro grid -A technical review	Results in Engineering	25				6	10.1016/j.rineng.2025.104398
707	Gade C.R.; W. R.S.; V. S.	Towards sustainable farming: A state of art review on electrification of a farm tractor	Results in Engineering	25				6	10.1016/j.rineng.2025.104403
708	Christudhas C.; A A.F.	Recent trends in pixel-based image enhancement techniques using VLSI cores – a review	Results in Engineering	25				6	10.1016/j.rineng.2025.104481
709	G J.; Singh I.; Choudhary D.K.	Gain and isolation improvement techniques for MIMO antenna: A compendious survey	Results in Engineering	25				6	10.1016/j.rineng.2025.104482

710	John P.; Sriram S.; Palanichamy C.; Subash P.T.; Sudandiradoss C.	A multifarious bacterial surface display: potential platform for biotechnological applications	Critical Reviews in Microbiology					6	10.1080/1040841X.2025.2461054
711	Murali G.; Wong L.S.; Karthikeyan K.; Abdellatief M.; Dixit S.	Concrete resilience under the impact of water forces: A review of abrasion resistance in hydraulic structures	Results in Engineering	26				6	10.1016/j.rineng.2025.104654
712	Samuel J.; Sumithran A.; S G.S.; L P.B.; R R.	Impact of copper addition and calcium phosphate coating on Mg alloys for biomedical applications	Results in Engineering	26				6	10.1016/j.rineng.2025.104986
713	Harshdeep K.; Sumalatha K.; Mathur R.	DeepTransIDS: Transformer-Based Deep learning Model for Detecting DDoS Attacks on 5G NIDD	Results in Engineering	26				6	10.1016/j.rineng.2025.104826
714	Naz S.; R T.	Influence of induced magnetic field, electric load and viscous dissipation on electro-hydromagnetic Jeffrey fluid flowing in an insulated vertical channel: An application of electric power generation	Results in Engineering	26				6	10.1016/j.rineng.2025.104963
715	Toi A.A.; Kanna P.R.; Parihar A.; Rathi S.; Sai S.S.; Satheesh A.	Numerical investigation of bluff body shapes and position to enhance heat transfer in double forward-facing step flow	Results in Engineering	26				6	10.1016/j.rineng.2025.105028
716	Pramanick U.K.; Chowdhury A.; Pal A.	Forecasting flower varieties and identifying impaired flower fields through image segmentation and neural networks	Results in Engineering	26				6	10.1016/j.rineng.2025.104944

717	Madheswaran S.; Venkatesan R.	Design of wide band SIW based Reflective Mode FSS with Angular Stability for X-band application	Results in Engineering	26				6	10.1016/j.rineng.2025.104970
718	Thankaraj T.; Kameswaran P.K.	Optimisation of waste heat recovery in cylindrical automotive thermoelectric generator using metallic tri-hybrid nanofluids at dissimilar temperatures	Results in Engineering	26				6	10.1016/j.rineng.2025.104882
719	V P C.; Bakthavatchalam B.; Jayakumar V.; Kusekar S.; Pandey A.K.; Habib K.; Algarni S.; Alqahtani T.	Enhancing heat transfer in compound twisted square ducts using shortened twisted tape inserts	Results in Engineering	26				6	10.1016/j.rineng.2025.104862
720	Aishwarya T.; Das P.	A FSS integrated wearable modified bow-tie antenna for biomedical applications	Results in Engineering	26				6	10.1016/j.rineng.2025.104894
721	R N.; Venkatesan K.	The effect of volumetric energy density on high-temperature dry sliding wear behaviour of 310 stainless steel fabricated by Selective Laser Melting process	Results in Engineering	26				6	10.1016/j.rineng.2025.104722
722	Jayakrishna N.; Prasanth N.N.	Detection and mitigation of distributed denial of service attacks in vehicular ad hoc network using a spatiotemporal deep learning and reinforcement learning approach	Results in Engineering	26				6	10.1016/j.rineng.2025.104839

723	Karthikeyan K.V.; Harish R.	CFD analysis of Gurney flap orientation and plasma actuation for turbulent flow control over NACA4412 airfoil	Results in Engineering	26				6	10.1016/j.rineng.2025.104705
724	C V.K.; Selvaprabhu P.	Utilizing ethereum blockchain and smart contracts to transform cord blood procurement in health care supply chains	Results in Engineering	26				6	10.1016/j.rineng.2025.104867
725	Bhuvaneswari P.; Sriramalakshmi P.	Lead-Free p-n Homojunction Cs-Doped and Pure $FASnI_3$-based perovskite solar cells–a performance analysis using SCAPS 1D simulator	Results in Engineering	26				6	10.1016/j.rineng.2025.104779
726	K. S.; S. A.; B. V.; Santhosh N.; D. M.; M. U.-R.	Tailoring physical, electrochemical, mechanical and thermal properties of PPC-PVdF blend electrolyte: A synergistic effect of LIBOB salt and EC plasticizer	Results in Engineering	26				6	10.1016/j.rineng.2025.104896
727	Manimaran R.; CV P.; Samavedam A.S.; Khan T.M.Y.; Almakayeel N.; Manavalla S.; Feroskhan M.	Investigating ternary biogas-hydrogen-diethyl ether blends for emission reduction and performance enhancement in CI engines: A Taguchi approach	Results in Engineering	26				6	10.1016/j.rineng.2025.104870
728	S A.; Kathirvelan J.	Computer vision-based detection and classification of chemically ripened bananas and papayas at vendor site through deep learning AI models using real-time dataset	Results in Engineering	26				6	10.1016/j.rineng.2025.104730

729	Anjali G.; P. C. S.; Mehta A.	Development of a mixed culture-based combined process for simultaneous removal of higher concentrations of phenol and NH4-N from wastewater	Results in Engineering	26				6	10.1016/j.rineng.2025.104700
730	Vadivelu C.; Prabaharan V.; Akhas P.K.	Flexural behavior of perforated rectangular hollow section cold-formed steel beams: An experimental and numerical study	Results in Engineering	26				6	10.1016/j.rineng.2025.104821
731	Amudhini M.; De P.	Irreversibility analysis on tetra-hybrid non-Newtonian fluids with thermal radiation and Soret-Dufour effects over porous inclined stretching sheet	Results in Engineering	26				6	10.1016/j.rineng.2025.104786
732	Divya J.; Selvendran S.	Performance evaluation of D-shaped photonic crystal fiber based SPR sensors with different plasmonic materials: A comparative analysis	Results in Engineering	26				6	10.1016/j.rineng.2025.104715
733	Kuppusamy A.K.; Govindaswamy S.	Influence of ZrB2 on the Tribomechanical Properties of Aluminium Matrix Composites: A Review	Results in Engineering	26				6	10.1016/j.rineng.2025.104943
734	Eswaran R.; Kumar M.S.J.	Heat transfer in semi-permeable channels using ternary hybrid nanofluids: Effects of melting and radiation	Results in Engineering	26				6	10.1016/j.rineng.2025.105031

735	Maheshwari V.; Prasanna M.	Privacy-preserving authentication for 5G healthcare with HBZKP: Hierarchical blockchain-based zero knowledge proof for secure edge devices	Ain Shams Engineering Journal	16	8			6	10.1016/j.asej.2025.103463
736	Narasimhan G.; Victor A.	Empirical analysis of predicting heart disease using diverse datasets and classification procedures of machine learning	Ain Shams Engineering Journal	16	8			6	10.1016/j.asej.2025.103470
737	Jeevanantham R.; Nagaraju D.	Investigation of the mechanical and tribological properties of scrap Al alloy MMCs reinforced with pumice/B4C particles through the electrodeposition of Ni-P surface coating	Results in Engineering	26				6	10.1016/j.rineng.2025.104995
738	Pavithra L.; Rekha D.	Real time broadcast scheduling in TSCH for smart healthcare using cuckoo search algorithm	Results in Engineering	26				6	10.1016/j.rineng.2025.105018
739	V S.I.; K M.	Attention-driven echo cancellation: A novel transformer-based approach for robust acoustic echo and noise cancellation	Results in Engineering	26				6	10.1016/j.rineng.2025.105039
740	Sushmi N.B.; Subbulekshmi D.	Real-time ultra short-term irradiance forecasting using a novel R-GRU model for optimizing PV controller dynamics	Results in Engineering	26				6	10.1016/j.rineng.2025.105046

741	Subburaj B.; M R.; Ananthanarayanan S.; Won D.	Plantention: A general-purpose, lightweight and attention-based model for multi-crop leaf disease classification	Results in Engineering	26				6	10.1016/j.rineng.2025.105075
742	Yogeshwar J.B.; Laskar N.M.; Samuel A.; Solomon A.; Vijayvargiya V.	Design and analysis of low noise, low power OTA considering design trade-offs for biomedical applications	Results in Engineering	26				6	10.1016/j.rineng.2025.105103
743	Akshayaa R.N.; S A S.; R R.	Session and energy forecasting for electric vehicle charging station using custom weighted ensemble machine learning	Results in Engineering	26				6	10.1016/j.rineng.2025.105104
744	Dash S.K.; Ray P.K.; Ray P.	Implementation of adaptive control strategies for PV system integrated unified conditioner for optimal power quality regulation	Results in Engineering	26				6	10.1016/j.rineng.2025.105122
745	Kadve G.; Chowdhury A.; Singh V.K.; Pal A.	Engineering a multi model fallback system for edge devices	Results in Engineering	26				6	10.1016/j.rineng.2025.105165
746	Rameez P.V.; Mohamed Ibrahim M.	Optimizing hydrogen utilization in RCCI and dual-fuel engines with hybrid electric integration	Results in Engineering	26				6	10.1016/j.rineng.2025.105168
747	Renuga Devi K.; Sreekanth D.	Novel multicomponent magnesium alloys: High strength-elongation synergy and PEO-driven corrosion resistance	Results in Engineering	26				6	10.1016/j.rineng.2025.105193

748	P U.; Subhashini R.	Connectome graph attention network (CGAT): A multimodal approach for enhanced classification of Alzheimer's disease	Results in Engineering	26				6	10.1016/j.rineng.2025.105200
749	Balaraman D.; Mohanavel D.	Casson ternary nanofluid model for a transient flow in a permeable rotating channel with variable thermal conductivity	Results in Engineering	26				6	10.1016/j.rineng.2025.105201
750	S A.D.; Augustin F.	Enhanced picture fuzzy and centrality based EDAS-BW approach and its application in healthcare	Results in Engineering	26				6	10.1016/j.rineng.2025.105273
751	Anusha K.; Dwivedi A.D.D.	Numerical simulation and performance analysis of amorphous zinc oxynitride thin film transistor (a-ZnON TFT) for large area display applications	Results in Engineering	26				6	10.1016/j.rineng.2025.105294
752	Pandurangan D.; Mishra N.	Circularly polarized four-element wideband MIMO antenna for C-band applications using sinusoidal decoupling structure for isolation and axial ratio enhancement	Results in Engineering	26				6	10.1016/j.rineng.2025.105301
753	Dange S.; Arumugam K.; Chintala S.R.; Ladel J.; Vijayaraghavalu S.S.	Assessing groundwater integrity: Insights into non-point source pollution patterns in the Palar River basin	Results in Engineering	26				6	10.1016/j.rineng.2025.105346
754	Giftlin Blessy T.; Rushi Kumar B.	Thermal and flow simulations of metal oxide trihybrid nanofluids over a vertical stretching cylinder	Results in Engineering	26				6	10.1016/j.rineng.2025.105348

755	Chellaiya Thomas Rueshwin S.; Eithiraj R.D.	Data-driven insights into the electronic and thermoelectric properties of 1T-Li2O: A combined DFT and ML investigation	Results in Engineering	26				6	10.1016/j.rineng.2025.105407
756	Danturti S.; Mishra P.; Mishra N.; S T S.; Sahoo B.; Bhowmik P.	Exponential GPR based power prediction for solid oxide fuel cell under H_2 and O_2 flow maloperation	Results in Engineering	26				6	10.1016/j.rineng.2025.105412
757	Dey A.; Ashok S D.	Policy pathways utilizing extended producer responsibility and eco-modulation frameworks for sustainable food packaging waste management in India: A review	Results in Engineering	26				6	10.1016/j.rineng.2025.104885
758	Pedapati P.R.; Chidambaram R.K.	A review on control momentum gyroscopic stabilization for intelligent balance assistance in electric two-wheeler	Results in Engineering	26				6	10.1016/j.rineng.2025.105069
759	Chen Y.; Tan S.J.; Harun S.W.; Vinitha G.; Nguyen T.K.; Tiu Z.C.	Recent developments and advances in artificial saturable absorber for mode-locking in fiber lasers	Results in Engineering	26				6	10.1016/j.rineng.2025.105127
760	Gundlapalli M.; Ganesan S.	Polyhydroxyalkanoates (PHAs): Key Challenges in production and sustainable strategies for cost reduction within a circular economy framework	Results in Engineering	26				6	10.1016/j.rineng.2025.105345
761	Nidagundi P.; Darvekar A.; Amber M.; R R.	A comparative study of ultra-massive MIMO intelligent receivers with adversarial robustness and energy efficiency for 6G applications	Results in Engineering	26				6	10.1016/j.rineng.2025.105409

762	Tewari N.; J M.; Dwivedi R.P.	An improved extendable ultra-high gain converter using LCDS-VLC network with reduced semiconductor voltage stress: An experimental validation with solar simulator	Results in Engineering	26				6	10.1016/j.rineng.2025.105410
763	Shanmugam H.; Lakshmanan V.R.	Integrated traditional and graphical non-parametric trend analysis of annual, monsoon and crop seasonal rainfall over Amaravathi Basin, South-India	Results in Engineering	26				6	10.1016/j.rineng.2025.105433
764	Thirugnanasambandam S.; Govindanarayanan I.	A wideband triple port hexagonal shaped patch antenna for 5G access points	Results in Engineering	26				6	10.1016/j.rineng.2025.105450
765	Karthikeyan N.; Naveen J.; Hiremath V.S.; D M.R.	Investigating the synergistic effects of geometric (interleaved lamina) and adhesive modifications on the shear behavior of co-cured CFRP composite joint: Prediction and optimization using statistical and deep learning approach	Results in Engineering	26				6	10.1016/j.rineng.2025.105451
766	Nippatla V.R.; Mandava S.	Performance analysis of permanent magnet synchronous motor based on transfer function model using PID controller tuned by Ziegler-Nichols method	Results in Engineering	26				6	10.1016/j.rineng.2025.105460

767	Mohanty S.B.; Mohanty S.; Panda M.; Dash S.K.	A novel reduced-switch multilevel inverter topology for DC microgrid interfacing with V2G/G2V functionality and advanced FO-PID energy management	Results in Engineering	26				6	10.1016/j.rineng.2025.105471
768	D M.; V T S.	A transformer free quadratic boost converter using synthesized switched inductor	Results in Engineering	26				6	10.1016/j.rineng.2025.105482
769	Raghuraman V.; Kumar T.S.	The impact of different heat treatments on the surface characteristics, residual stresses, and tensile strength of maraging steel 1.2709 samples produced by LPBF	Results in Engineering	26				6	10.1016/j.rineng.2025.105509
770	Patel A.; O.V. G.S.	Non-parametric feature selection and machine learning based seasonal GHI prediction for SAPV systems in India	Results in Engineering	26				6	10.1016/j.rineng.2025.105511
771	Balaji V.; Arivazhagan A.; Anthony Xavior M.	Interaction of MWCNTs and GNPs with the elements on the development of equiatomic Fe25Co25Cr25Cu25 High Entropy Alloys (HEAs)	Results in Engineering	26				6	10.1016/j.rineng.2025.105522
772	HaitherAli H.; Shakeel SJ J.M.; M S.; G A.	Identification of construction and demolition waste: Leveraging deep learning and open-source imagery for advanced monitoring in developing economies	Results in Engineering	26				6	10.1016/j.rineng.2025.105688

773	Surakasi R.; Subramani R.; M J.; V P.; Rusho M.A.; Yishak S.	Optimization of viscosity of propylene glycol and water (50:50)/Graphene nanofluid: A response surface methodology and machine learning approach	Results in Engineering	27				6	10.1016/j.rineng.2025.105692
774	Lakshmaiya N.; Vijetha K.; Doss A.S.A.; Nitesh K.S.; Ross N.S.; Maranan R.	Dual-scale evaluation of hybrid Al-SiC/graphene composites: Mechanical properties and deep learning-driven machinability insights	Results in Engineering	27				6	10.1016/j.rineng.2025.105742
775	Himavanth N.; Arshad M.; Kumaravel S.; Natarajan R.; Chandra A.; Karthikeyan M.	Compact circle-shaped circularly polarized implantable antenna with combined e and hexagonal shaped patch for wireless biotelemetry	Results in Engineering	27				6	10.1016/j.rineng.2025.105758
776	Reka S.S.; Prasad A.; Venugopal P.; Sammil F.; Pradeep V.; Kaimal S.S.; Rajagopal M.K.	Decentralized energy trading in smart grid using secured post quantum encryption	Results in Engineering	27				6	10.1016/j.rineng.2025.105767
777	Kumar R.; Kumar A.	Influence of design parameters on the performance of slotted Savonius hydrokinetic turbine	Results in Engineering	27				6	10.1016/j.rineng.2025.105768
778	J S.S.; A P.F.	Automatic generation control for a concurrent power system model of two Indian states with integration of renewable energy sources	Results in Engineering	27				6	10.1016/j.rineng.2025.105773

779	Sneha G.; Eithiraj R.D.	Unlocking the structural, vibrational, electronic, optical and thermoelectric properties of K2X (X=S, Se, Te) monolayers via DFT and ML	Results in Engineering	27				6	10.1016/j.rineng.2025.105817
780	Sandeep S.D.; Mohanty S.; Mohanty S.B.; Puhan P.S.	A comprehensive review on DC microgrid control and energy management strategies	Results in Engineering	26				6	10.1016/j.rineng.2025.105479
781	Shah R.; Doss A.S.A.; Lakshmaiya N.	Advancements in AI-enhanced collaborative robotics: towards safer, smarter, and human-centric industrial automation	Results in Engineering	27				6	10.1016/j.rineng.2025.105704
782	Yaw C.T.; Rajamony R.K.; Bhutto Y.A.; Bakthavatchalam B.; Kottala R.K.; Chopra K.; Paw J.K.S.; Doroody C.; Allasi H.L.; Soudagar M.E.M.	Two phase heat transfer approaches for battery thermal management: Current status, challenges and future outlook	Results in Engineering	27				6	10.1016/j.rineng.2025.105749
783	A., Debroy, Abhrajit; P., Mrudula, Pulimi; A., Mukherjee, Amitava	Toxicological impacts and environmental risk of atrazine in the presence of graphene family nanomaterials (GFNs) on Chlorella sp.	Environmental Sciences Europe	37	1			6	10.1186/s12302-025-01151-4
784	A., Chandramouli, Arthi; A.K., Rajendran, Arun Kumar; N.S.Y., Hwang, Nathaniel Suk Yeon; R., Jayakumar, Rangasamy	Whitlockite nanoparticles: A multifaceted magnesium calcium phosphate ceramic	Biomaterials Advances					6	10.1016/j.bioadv.2025.214476

785	Selvaraj, A.R.; Ravi, N.; A.; Hur, J.; Gothandapani, K.	Overview of recent progress on metal-oxide-supported noble metals, nanocomposites, and carbon for photocatalytic water reduction	Journal of Industrial and Engineering Chemistry					6	10.1016/j.jiec.2025.12.009
786	Mithra S N., Ahankari S.S.	The synergistic effect of carboxymethylated cellulose nanocrystals -Polyvinyl alcohol-L Arginine in facilitated transport membranes for biogas purification	Journal of Industrial and Engineering Chemistry					5.9	10.1016/j.jiec.2024.12.033
787	Parida V.K.; Singh N.; Priyadarshini M.; Kumari P.; Datta D.; Tambi A.	Insights into the synthetic dye contamination in textile wastewater: Impacts on aquatic ecosystems and human health, and eco-friendly remediation strategies for environmental sustainability	Journal of Industrial and Engineering Chemistry					5.9	10.1016/j.jiec.2025.04.019
788	Mathina M.; Ramachandran R.; Kamaraj C.; Sutha S.; Kalaipriya R.; Shinyjoy E.; Alwi R.S.; Gopi D.	Eco-Friendly Hydroxyapatite/Cissus quadrangularis composite coating on AISI 316L stainless Steel: A novel Approach for enhanced biomedical applications	Journal of Industrial and Engineering Chemistry					5.9	10.1016/j.jiec.2025.05.025
789	Supraja N.; Karpagam S.	Crown ether embedded PVDF adsorbent for selective trapping of copper and silver ion from water samples	Journal of Industrial and Engineering Chemistry					5.9	10.1016/j.jiec.2025.05.061

790	P.S., Ramalingam, Prasanna Srinivasan; L., Zhang, Liming; M.S., Hussain, Md Sadique; G.H., Khan, Gyas H.; W., Mawkili, Wedad; A.A., Hanbashi, Ali Ahmed; G., Gupta, Gaurav; P., Balakrishnan, Purushothaman; S., Arumugam, Sivakumar	Non-coding RNAs as key regulators in hepatitis B virus-related hepatocellular carcinoma	Frontiers in Immunology	16				5.9	10.3389/fimmu.2025.1602252
791	A., Priya, A.; S., Kalaivani, S.	Medical image enhancement through Klein?Gordon model with advanced differential operators	Ain Shams Engineering Journal					5.9	10.1016/j.asej.2025.103617
792	A., Seshadri, Arjun; R., Roy, Rahul; L.N., Chokkalingam, Lenin Natesan	Optimal rotor structures to reduce Windage Loss and their impact on Acoustic Noise and Vibration in Switched Reluctance Motors: Application to L5M and L5N electric-three wheelers	Ain Shams Engineering Journal					5.9	10.1016/j.asej.2025.103648
793	H., S, Hariharan; M., N, Mohana	Uniquely identifying the vertices of pendant-free tricyclic graphs	Ain Shams Engineering Journal					5.9	10.1016/j.asej.2025.103650

794	F.A., Rihan, Fathalla A.; K., Udhayakumar, K.; S.F., Nasrin, S. Fathima; C., Rajivganthi, Chinnathambi	A stochastic delay differential model for glucose-insulin interactions	Ain Shams Engineering Journal					5.9	10.1016/j.asej.2025.103668
795	A., Rithvik, Arulkumaran; S., Bhattacharjee, Shangomitra; M.K., Gupta, Manshi Kumari; C.S., Sudandiradoss, Chinnappan S.; A., Wadud, Abdul; M., Rasool, Mahaboobkhan	Habbe Gule Aakh prevents glycolytic program and alleviates disease progression in a rheumatoid arthritis animal model	Frontiers in Immunology					5.9	10.3389/fimmu.2025.1633061
796	P.S.S., Vineela, Pantena Sai Sivani; C.V., Ravikumar, C. V.	Residual Bi-RNN driven adaptive deep learning-optimization for the joint power allocation and signal detection in a secure MIMO-NOMA system	Ain Shams Engineering Journal					5.9	10.1016/j.asej.2025.103752
797	S., Mudipalli Elavarasu, Santhosh; K., Sasikumar, K.	Rational design of an epitope-centric vaccine against Pseudomonas aeruginosa using pangenomic insights and immunoinformatics approach	Frontiers in Immunology					5.9	10.3389/fimmu.2025.1617251
798	Bell I, P.J.; Rajiniraja, R.	Targeting the two-component Agr system in Staphylococcus aureus: Molecular docking and dynamics insights into natural compound inhibition	Food Bioscience	73				5.9	10.1016/j.fbio.2025.107670

799	Bilay, C.; Mandal, A.; Palaniswamy, K.; Devaraj, E.; Ravi, D.; G?ca, M.J.; Raj Rajagopal, T.K.	A review on the role of membrane electrode assembly in the steady-state, transient performance, and durability of proton exchange membrane fuel cells	Ain Shams Engineering Journal	16	12			5.9	10.1016/j.asej.2025.103739
800	Kumar, A.; Das, S.; Ali, S.; Jaiswal, S.G.; Rabbani, A.; Rahman, S.M.E.; Chelliah, R.; Oh, D.-H.; Liu, S.; Wei, S.	Mechanisms, applications and challenges of natural antimicrobials in food system	Food Bioscience	74				5.9	10.1016/j.fbio.2025.107864
801	Ramalingam, P.S.; Afzal, M.; Babu, M.A.; M.m, R.; Sahoo, S.; Pandey, S.N.; Ali, H.; Hussain, M.S.; Gupta, G.; Mekala, J.R.; Arumugam, S.	Targeting cancer via macrophage-derived exosomal miRNAs: implications for tumor progression and resistance	Frontiers in Immunology	16				5.9	10.3389/fimmu.2025.1683799
802	A.E S.S., Das K R., Manian R., Shanmugam V., Shankar V.	Artificial Neural Network-Response Surface Methodology based multi-parametric optimization and modelling of biolipid production from Aspergillus flavus	Biomass and Bioenergy	193				5.8	10.1016/j.biombioe.2024.107573
803	Tamizhselvi R., Barveen N.R., Zeng C.-W., Liu T.-Y., Liu C.-L., Napoleon A.A., Cheng Y.-W.	AgNP-enriched Co3O4 nanorods as an SERS substrate for the simultaneous detection of methylene blue and rhodamine 6G	Journal of Alloys and Compounds	1011				5.8	10.1016/j.jallcom.2024.178388

804	K F.N., Tiwari A., Shaik A.H., P I., Brianna B., Anwar A., Chandan M.R.	Anti-cancer and antimicrobial efficacy of ZnO nanoparticles synthesized via green route using Amaranthus dubius (Spleen Amaranth) leaves extract	Green Chemistry Letters and Reviews	18	1			5.8	10.1080/17518253.2025.2453532
805	Dutta S.S.; Sandeep S.; Nandhini D.; Amutha S.	Hybrid quantum neural networks: harnessing dressed quantum circuits for enhanced tsunami prediction via earthquake data fusion	EPJ Quantum Technology	12	1			5.8	10.1140/epjqt/s40507-024-00303-4
806	Tanati M.K.; Ponnusamy M.	Dense capsule stacked auto-encoder model based DDoS attack detection and hybrid optimal bandwidth allocation with routing in VANET environment	Vehicular Communications	52				5.8	10.1016/j.vehcom.2025.100888
807	Panigrahy A.; Verma A.	Tourist experiences: a systematic literature review of computer vision technologies in smart destination visits	Journal of Tourism Futures					5.8	10.1108/JTF-04-2024-0073
808	Bera S.; Bhunia S.K.	Bright yellow fluorescent N-doped Ti3C2 MXene quantum dots as an “on/off/on” nanoprobe for selective As3+ ion detection	Nanoscale					5.8	10.1039/d4nr04139a
809	Naik H.; Manoharadas S.; Bommayasamy N.; Thomas J.; Gobi M.; Dewala S.R.; Amaresan N.	Green synthesis of iron oxide nanoparticles using Bacillus subtilis to mitigate salinity stress in rice (Oryza sativa L.) plants and enhance physiological activities	Environmental Science: Nano					5.8	10.1039/d4en01184h

810	Manohar A.; Suvarna T.; Chintagumpala K.; Muzammil K.; Imran M.; Kumar A.; Sangaraju S.; Kim K.H.	Towards next-generation energy storage: The role of binary and ternary nanocomposites in supercapacitor performance	Journal of Alloys and Compounds	1020				5.8	10.1016/j.jallcom.2025.179328
811	Sabnam S.; Kumar R.; Pranav	Biofunctionalized nanomaterials for Parkinson's disease theranostics: potential for efficient PD biomarker detection and effective therapy	Biomaterials Science					5.8	10.1039/d5bm00179j
812	Sivagami K.; Prabakar P.; Balaji A.S.K.; Kumar N.S.; Chakraborty S.; Kiran B.	Techno-economic and life cycle assessment of CO2 storage using amorphous carbon derived from end-of-life Polyethylene Terephthalate	Biomass and Bioenergy	198				5.8	10.1016/j.biombioe.2025.107864
813	Palanisamy S.; Saravana Kumar B.K.; Sivakumar G.; Selvan S.; Lee J.; Bharathi D.	Advancing marine cellulose-based packaging: A review on sustainable biorefinery perspectives	Biomass and Bioenergy	197				5.8	10.1016/j.biombioe.2025.107849
814	González S.; Wurster S.; Garay-Reyes C.G.; Hurtado-Macías A.; Ramasamy P.; Oleszak D.; Gammer C.; Prashanth K.G.; Martínez-García A.; Eckert J.; Martínez-Sánchez R.	Mechanical properties of two novel non-equiatomic Zr-Hf-Ti-Cu-Ni-Co-Al High Entropy Alloys with high glass forming ability	Journal of Alloys and Compounds	1024				5.8	10.1016/j.jallcom.2025.180196

815	Sishu N.K.; Selvaraj C.I.	Bio-fabrication of Cichorium intybus L. root aqueous extract mediated ZnO nanoparticle (CIRAE-ZnO NP) for its promising therapeutic applications	Green Chemistry Letters and Reviews	18	1			5.8	10.1080/17518253.2025.2489461
816	Mohanty H.; Senthilkumar S.	Interfacial engineering and electronic structure modulation of two-dimensional WSe2 towards improved electrocatalytic hydrogen evolution	Nanoscale					5.8	10.1039/d5nr01584g
817	Sridevi S.; Indira B.; Geetha S.; Balachandran S.; Kar G.; Kharbanda S.	Unified hybrid quantum classical neural network framework for detecting distributed denial of service and Android mobile malware attacks	EPJ Quantum Technology	12	1			5.8	10.1140/epjqt/s40507-025-00380-z
818	Soni S.K.; Nagarjuna C.; Mohan M.; Prakash V.J.; Dewangan S.K.; Sharma S.K.; Thomas S.B.; Sharma V.K.; Thomas B.	Recent progress in metal matrix hybrid composites fabricated via liquid and solid-state processing: Fabrication techniques, characteristics and future prospects	Journal of Alloys and Compounds	1032				5.8	10.1016/j.jallcom.2025.181064
819	M.R., Soosai, Michael Rahul; S., Sundaraman, Sathish; D., Prabu, Deivasigamani; K., M, Karthikeyan; V., D, Venkatesan; P., Varalakshmi, Perumal; I., Ganeshmoorthy, Innasimuthu	Toward developing a reconcile solution for leaching of catalyst in biodiesel production by Harnessing prediction model and machine learning	Biomass and Bioenergy	201				5.8	10.1016/j.biombioe.2025.108124

820	I., Bodhe, Isha; G., Velvizhi, G.	Metagenomic analysis of microbes for enhanced CO2-to-polyhydroxy butyrate bio-fixation: Insights into biokinetics and process optimization	Sustainable Chemistry and Pharmacy	46				5.8	10.1016/j.scp.2025.102103
821	S., Kodeeswaran, S.; A., Kannabhiran, A.; D., Elangovan, Devaraj	A comparative study of energy sources, docking stations and wireless charging technologies for certain quadrotor unmanned aerial vehicles	Aerospace Science and Technology					5.8	10.1016/j.ast.2025.110628
822	A.M., Salman, A. M.; U.J., Alengaram, U. J.; W.Z., Wan Jaafar, Wan Zurina; Y., Pierce, Y.; M., Shanmuga Sundaram, M.; B., Prabu, B.	Performance assessment of homebrewed sodium silicate, and its comparison with commercial sodium silicate in one-part geopolymer mortar: Fresh, hardened, and microstructural properties	Sustainable Chemistry and Pharmacy					5.8	10.1016/j.scp.2025.102184
823	Ponnusamy, P.; Loganathan, M.; Sivagami, S.	Sewage sludge pyrolysis: Aspen plus simulation and AI-assisted optimization for biochar yield and properties	Sustainable Chemistry and Pharmacy	48				5.8	10.1016/j.scp.2025.102241
824	Karthikeyan, K.V.; Harish, R.	CFD-ML analysis of hybrid flow control on NACA4412 airfoil using triangular gurney flap and dual ns-DBD actuators	Aerospace Science and Technology	169				5.8	10.1016/j.ast.2025.111404
825	Sharma S., Shanmugam R., Mahto R.K., Sahoo M.K., Rao H.S., Nguyen Q.K., Rao G.R.	Oxygen vacancies in Ce-Gd-O promoter boost the electrochemical oxidation of methanol on Pt/C	Surfaces and Interfaces	58				5.7	10.1016/j.surfin.2025.105842

826	Nair M.M., Swaroop S.	Impact of the oxide layer and subsurface micromechanical properties of laser peened 31L stainless steel on biocorrosion resistance in simulated body fluid	Surfaces and Interfaces	56				5.7	10.1016/j.surfin.2024.105672
827	Kurian A.; Shanmugam S.	Z-scheme ZnAl2O4/Bi2O3 nanocomposite for enhanced photodegradation of Rhodamine B and Tetracycline	Surfaces and Interfaces	59				5.7	10.1016/j.surfin.2025.105899
828	Xavier R.; Swati G.	Revealing the significance of Ga-doped WO3 thin film gas sensor prepared by spray pyrolysis technique for detecting acetaldehyde	Surfaces and Interfaces	59				5.7	10.1016/j.surfin.2025.105974
829	Sasikumar K.; Nagarajan S.	Enhancing Cloud Security: A Multi-Factor Authentication and Adaptive Cryptography Approach Using Machine Learning Techniques	IEEE Open Journal of the Computer Society					5.7	10.1109/OJCS.2025.3538557
830	Babu P.; Maury S.C.	Comparative analysis of groundwater potential assessment in Dharmapuri District, Tamil Nadu, India	Applied Water Science	15	3			5.7	10.1007/s13201-025-02402-8
831	Reddy S.; Sridharan N.V.; Sivakumar A.; Vaithiyanathan S.	Fault diagnosis in reciprocating air compressors using ensemble voting classifier	Structural Health Monitoring					5.7	10.1177/14759217251319743
832	Vinod A.; Babu D.A.; Muthuvel M.R.; Ramasamy P.; Madhuri W.	Critical behaviour and magnetocaloric properties of Fe88Zr5Hf2B4Cu1 metallic glass for near-room temperature magnetic refrigeration application	Journal of Materials Chemistry C					5.7	10.1039/d4tc04586f

833	Nagaraj S.; Masilamani U.S.	Simulation of fluoride transport in groundwater using visual MODFLOW flex and Human Health Risk Assessment	Applied Water Science	15	5			5.7	10.1007/s13201-025-02454-w
834	Sunny M.M.; Thamankar R.	Resistive Switching in CaF2-MoS2 Nanocomposite thin films for low energy memory and neuromorphic applications	Surfaces and Interfaces	64				5.7	10.1016/j.surfin.2025.106326
835	Jeniffer I H.; Punithavelan N.	Prodigious half Heusler alloys VIrX (X = As and Sb) for waste heat recovery systems and spintronics applications - unravelled by DFT	Journal of Materials Chemistry C					5.7	10.1039/d4tc03595j
836	Vinod A.; Babu D.A.; Madhuri W.	Unveiling the magnetic, magnetocaloric and critical behaviour of melt spun lanthanum iron silicon alloys: a comprehensive study	Journal of Materials Chemistry C					5.7	10.1039/d5tc00094g
837	Bhuin A.; Yadav A.K.; Pandey U.; Mukherjee D.; Agrahari V.K.; Ponraj C.; Sadhu S.; Pal B.N.; Sarkar S.	Fabrication of a solution-processed low voltage TFT by using colloid 2D ZnO nanosheets and its application as a UV photodetector	Journal of Materials Chemistry C					5.7	10.1039/d4tc05180g
838	Pandey M.; Deepthi Jayan K.; Deshmukh K.; Nalini V.; Manobalan S.; Sumangala T.P.; Pore O.C.; Lohar G.M.	Engineering advanced mesoporous nanomaterials for high performance supercapacitors: A review	Surfaces and Interfaces	65				5.7	10.1016/j.surfin.2025.106495

839	Sishu N.K.; Selvaraj C.I.	Biogenic Ag-CuO nanocomposite fabricated using Cichorium intybus L., root extract: A dual approach for biological investigations and photocatalytic degradation of norfloxacin	Surfaces and Interfaces	66				5.7	10.1016/j.surfin.2025.106569
840	Jagadeesan D.; Babu D.; Mohan A.M.; Boobalan C.; Deivasigamani P.	BiOI-Sm2O3 nanocomposites on translucent porous polymer for visible-light decontamination of antibiotic wastewater	Surfaces and Interfaces	66				5.7	10.1016/j.surfin.2025.106605
841	Saha P.; Ravanan P.; Talwar P.	A multi-omics exploration of PPARG activation in colon cancer: kinases featuring a PPRE sequence within regulatory regions	Biology Direct	20	1			5.7	10.1186/s13062-025-00654-7
842	Ramalingam P.S.; Aranganathan M.; Hussain M.S.; Elangovan S.; Chellasamy G.; Balakrishnan P.; Mekala J.R.; Yun K.; Arumugam S.	Unveiling reverse vaccinology and immunoinformatics toward Saint Louis encephalitis virus: a ray of hope for vaccine development	Frontiers in Immunology	16				5.7	10.3389/fimmu.2025.1576557

843	S., Gupta, Subir; S., Chowdhury, Subrata; R., Govindaraj, Ramya; K.T., Amesho, Kassian T.T.; S., Shangdiar, Sumarlin; T., Kadhila, Timoteus; S., Iikela, Sioni	Smart agriculture using IoT for automated irrigation, water and energy efficiency	Smart Agricultural Technology	12				5.7	10.1016/j.atech.2025.101081
844	V., Sellam, Veerappan; N., Kannan, N.; S., Senthilpandi, S.; I., Manju, I.	Enhancing sustainable agriculture using attention convolutional bidirectional Gated recurrent based modified leaf in wind algorithm: Integrating AI and IoT for efficient farming	Sustainable Computing: Informatics and Systems	47				5.7	10.1016/j.suscom.2025.101160
845	M.K., Sundaram, Manoj Kumar; C.K., Balavigneswaran, Chelladurai Karthikeyan; I., Saravanakumar, Iniyan; G., Jayaraman, Guhan; V., Muthuvijayan, Vignesh	Recombinant hyaluronic acid-incorporated self-healing injectable hydrogels for cartilage tissue engineering: a case study on effects of molecular weight	Journal of Materials Chemistry B					5.7	10.1039/d5tb00248f

846	A., Ajay, Armaano; A.S., Bisht, Akshaj Singh; S.S., Chauhan, Sagar Singh; P., Uppuluri, Pranav; D.N., Nidjelli, Divyesh Nag; D.K., Muthireddy, Deepak Kumar; S.K., Erramchetty, Sudheer Kumar; M.K., M, Monica K.	LeafVisionNet: A deep learning-based approach for the classification of black gram leaf disease using attention-driven and semi-local feature boosted SqueezeNet	Smart Agricultural Technology					5.7	10.1016/j.atech.2025.101245
847	A., Yousfi, A.; O., Saidani, Okba; R., Zerrougui, Raouf; T., Assassi, Tarek; S., Bhattarai, Sagar; M.F., Rahman, Md Ferdous; G.S., Sahoo, Girija Shankar	Harnessing machine learning to revolutionize perovskite solar cells: Optimizing RbTmCl3-based photovoltaic performance	Materials Research Bulletin					5.7	10.1016/j.materresbull.2025.113731
848	D., Pandi, Dinagarapandi; S.K., Kothandaraman, Saravanan K.; M., Kuppusamy, Mohan	Water balance dynamics under climate variability and lulc changes?a catchment scale assessment	Applied Water Science					5.7	10.1007/s13201-025-02600-4
849	D., Ajitha, D.; M., Zohaib, Muhammad; F., Ahmad, Firdous; K., Zaman, Khalid; S.M., Prabin, S. M.	Efficient QCA?Based Circuits for Low?Power Medical IoT System	Sustainable Computing: Informatics and Systems					5.7	10.1016/j.suscom.2025.101203
850	D., K, Devi; B., S, Benila; L., K, Lekshmi; J., Omana, J.	HVAF-XAI-Net: A multimodal explainable AI framework for accurate mulberry leaf disease detection	Smart Agricultural Technology					5.7	10.1016/j.atech.2025.101377

851	Satapathy, S.M.; Paul, M.G.; Garg, A.; Bhatnagar, S.	GAN-Enhanced Hybrid Deep Learning with Explainable AI for Automated Cataract Diagnosis	Journal of Medical Systems	49	1			5.7	10.1007/s10916-025-02249-1
852	Sreeram, A.; Kathirvelan, J.	Non-invasive detection and classification of chemically ripened mangoes and bananas through multiple deep learning frameworks using real-time dataset	Food Production, Processing and Nutrition	7	1			5.7	10.1186/s43014-025-00324-1
853	Tharik, M.; Kumaraguru, K.; Vijayaraghavalu, S.S.	Assessing natural and human-induced drivers of groundwater quality and health risks in coastal deltas: advancing SDG 3, SDG 6, SDG 13, and SDG 15	Applied Water Science	15	12			5.7	10.1007/s13201-025-02648-2
854	Rameshkumar, R.; Chandrasekhar, A.; Selvaprabhu, P.	Triboelectric Tactile Transducers for Neuromorphic Sensing and Synaptic Emulation: Materials, Architectures, and Interfaces	Advanced Energy and Sustainability Research					5.7	10.1002/aesr.202500346
855	Samuel B.; Kumar Hota M.	Dual-Attention-Based Pipelined Encoder–Decoder Network for Fetal Electrocardiogram Extraction	IEEE Transactions on Instrumentation and Measurement	74				5.6	10.1109/TIM.2025.3547126
856	Khare A.; De D.; Arora A.	Shelf-life of iron rich ready-to-eat snacks: Impact of vacuum and modified atmospheric packaging under different storage conditions	Food Control	176				5.6	10.1016/j.foodcont.2025.111407

857	Uma S.; Shobana M.K.	Enhanced sensing performance of p-n heterojunction of In2O3–Cu2O for isopropanol detection	Talanta	295				5.6	10.1016/j.talanta.2025.128355
858	Singh S.; Meszaros K.; Narayanan J.A.; Dehgahi S.; Prashanth K.G.; Qureshi A.J.	Laser powder bed fusion of WC-Ni cermets: microstructural, phase and mechanical studies	Tungsten					5.6	10.1007/s42864-025-00329-w
859	Gopinathan R.L.; Mohamed Ibrahim M.	Ammonia as a sustainable fuel for diesel engines: Exploring advanced combustion strategies for green transportation	Journal of the Energy Institute	121				5.6	10.1016/j.joei.2025.102159
860	K., C.p, Kandasamy; V.K., Elumalai, Vinodh Kumar; B., E, Balaji	EEG driven seizure classification framework leveraging variational mode decomposition technique and entropy features based Bayesian optimized SVM	Chaos, Solitons and Fractals	199				5.6	10.1016/j.chaos.2025.116779
861	A., Suresh, Anoop; M.S., Kumar, Munusamy Sathish	Influence of Coriolis force on the emergence of chaos in a generalized Lorenz model of a buoyancy-driven convective system	Chaos, Solitons and Fractals					5.6	10.1016/j.chaos.2025.116996
862	B., Rani, Barkha; S., Ghosh, Sourav; N.K., Sahu, Niroj Kumar	A synergistic experimental and computational study on cation engineering in Mn-doped CoFe2O4 nanoparticles for high-performance supercapacitors	Electrochimica Acta					5.6	10.1016/j.electacta.2025.147122

863	S., Maharajan, S.; S.H., Anilkumar, Sannapareddy H.; F.M.T., Rex, F. Michael Thomas; S., Rajakarunakaran, Sivaprakasam	Effect of laser treatment on hot corrosion behaviour of plasma sprayed Gd2Zr2O7 coatings on Inconel 718 in Na2SO4+V2O5 molten salt environment	Ceramics International					5.6	10.1016/j.ceramint.2025.09.051
864	Bhat, I.A.; N, N.; Bhat, M.I.	Convergence and stability analysis of a set-valued mixed variational inequality problem via three-step iterative approximation scheme	Chaos, Solitons and Fractals	201				5.6	10.1016/j.chaos.2025.117221
865	Kayalvizhi, K.; Kennedy, L.J.; Ratna, D.	Effect of zinc doping on microstructures, magnetic and microwave absorption properties of SrFe12O19hexaferrites	Ceramics International					5.6	10.1016/j.ceramint.2025.09.335
866	Budiman, F.; Rahmawati, D.; Aulia, D.; Sukma, V.F.; Ter, T.P.; Masood, J.A.I.S.; P.s, R.; Nurhidayat, A.; Mbarep, D.P.P.; Sasto, I.H.S.; Sutapa, I.D.A.	Integrating IoT-enabled automated impressed current cathodic protection systems with metal potential monitoring: a digital technology approach to address corrosion for promoting environmental ecosystem conservation	Measurement: Journal of the International Measurement Confederation	258				5.6	10.1016/j.measurement.2025.119167
867	Manimozhi, M.; Mugelan, R.K.	Post-quantum AES encryption using ECC points derived from BB84 sifted keys	EPJ Quantum Technology	12	1			5.6	10.1140/epjqt/s40507-025-00411-9

868	Prakash, P.; Mariappan, A.; Ganesh Babu, S.; Arun, A.; Sandoval-Hevia, G.; Radhika Devi, V.; Dharman, R.K.; Oh, T.H.; Lo, H.-M.	Visible-light-induced photodegradation of ibuprofen catalyzed by Gd2(WO4)3/rGO@g-C3N4heterojunction: Operation, mechanism, and degradation pathway	Ceramics International					5.6	10.1016/j.ceramint.2025.09.278
869	Verma, P.; Katal, N.	Optimized harmonic elimination in multilevel inverters with variable DC sources using data-driven models	Measurement: Journal of the International Measurement Confederation	259				5.6	10.1016/j.measurement.2025.119719
870	Barman, S.M.; Parakh, A.; Leema, A.A.; Balakrishnan, P.; Avthankar, A.; Tulaskar, D.P.; Assudani, P.J.; Nemane, S.; Rewatkar, P.; Kulkarni, M.B.; Bhaiyya, M.	Single-Molecule Detection Technologies: Advances in Devices, Transduction Mechanisms, and Functional Materials for Real-World Biomedical and Environmental Applications	Biosensors	15	10			5.6	10.3390/bios15100696
871	Karthikeyan, S.; Murugan, K.; Mugendiran, V.; Tirumalai Kumarasamy, D.; Senthur prabu, S.S.	SHAP enhanced machine learning prediction of structure?property relationships in plasma sprayed lanthanum zirconate coatings for TBC applications	Ceramics International					5.6	10.1016/j.ceramint.2025.10.443
872	Anil, A.; Nadimpalli, R.	Flexi mold slip casting: A novel integration of 3D printing with traditional manufacturing methods	Ceramics International					5.6	10.1016/j.ceramint.2025.11.397

873	Manna, K.; Banerjee, M.; Petrovskii, S.	Exploring the structural sensitivity in some spatially-explicit models of ecological dynamics	Chaos, Solitons and Fractals	204				5.6	10.1016/j.chaos.2025.117759
874	Mondal, A.; Ramakrishnan, K.; Deb, S.; Ajitha, B.; Reddy, Y.A.K.	Self-Powered Photodetector Based on p(Cu2O)?n(MoO3) Junction Architecture: Analyzing the Influence of Depletion Region Width on the Photodetector Properties	ACS Applied Energy Materials	8	15	11719	11731	5.6	10.1021/acsaem.5c01899
875	G M., R K., Singh H.D., Chakraborty D., Nandi S.	Efficient iodine sequestration by chemically robust C-C bonded hyper-crosslinked porous organic polymers	Chemical Engineering Journal Advances	21				5.5	10.1016/j.ceja.2024.100700
876	Rani B.; Ghosh S.; Sahu N.K.	Electrolyte effect and quantitative analysis of redox additive's contribution in supercapacitor performance of CoFe2O4 nanoparticles	Electrochimica Acta	519				5.5	10.1016/j.electacta.2025.145822
877	P P.; Sajith L.N.; K S.; I K.A.; L M.; Chakraborty S.	Production of MWCNTs from plastic wastes: Method selection through Multi-Criteria Decision-Making techniques	Journal of the Taiwan Institute of Chemical Engineers	169				5.5	10.1016/j.jtice.2025.106000
878	R A.S.; Jacob G.	Exploring the charge storage ability of the spinel-type high entropy oxide (MnFeCoNiZn)3O4 nanoparticles for supercapacitor applications	Chemical Engineering Journal Advances	21				5.5	10.1016/j.ceja.2025.100708

879	Priyadarshini M.; Ahmad A.; Yadav S.; Ghangrekar M.M.	Degradation of acridine orange using sustainable bio-electro-Fenton and bio-electro-peroxone systems with MIL-53(Fe)-derived Fe3O4 and MWCNT composite: A comparative assessment	Electrochimica Acta	528				5.5	10.1016/j.electacta.2025.146285
880	Hariprasad B.S.; Likhith J.; Aravind S.; Varma S.M.; Prakash K.; Ganesh Babu S.	Copper cobaltate loaded on hollow carbon spheres: enhanced catalytic performance for transfer hydrogenation of acetophenone derivatives	Carbon Letters					5.5	10.1007/s42823-025-00920-8
881	Sureshkumar S.; Jacob G.	Tailoring polymorphic CoSe2 via interstitial doping of Sb for advanced counter electrodes in DSSC applications	Electrochimica Acta	535				5.5	10.1016/j.electacta.2025.146558
882	Sriraman R.; Manoj N.; Agarwal P.; Vigo-Aguiar J.; Jain S.	Event-triggered control for exponential synchronization of reaction–diffusion fractional-order Clifford-valued delayed neural networks and its application to image encryption	Neurocomputing	648				5.5	10.1016/j.neucom.2025.130604
883	Chavda V.P.; Vuppu S.; Mishra T.; Sharma N.; Kamaraj S.; Mishra S.; Sureshbhai B.; Matsoukas J.; Apostolopoulos V.	Control measures for neglected tropical diseases: vaccine updates	Expert Review of Vaccines	24	1	535	555	5.5	10.1080/14760584.2025.2517712

884	M., Suresh Kumar, M.; N.R., Babu, N. Ramesh	UNCORE: an underwater lightweight image enhancement via neutrosophic color restoration and refinement	Ocean Engineering	339				5.5	10.1016/j.oceaneng.2025.122069
885	P.N., Hegde, Prajna Nagaraj; A., Udduttula, Anjaneyulu	Nature-Inspired Bioelectric Stimuli-Based Electroactive Polymeric Therapeutics Technology for Osteoarthritis Treatment-A Review	ACS Biomaterials Science and Engineering	11	7	4002	4018	5.5	10.1021/acsbiomaterials.5c00480
886	H., Manoj K, Hima; S., Saha, Sunanda	Water wave propagation over two asymmetric trenches in weakly viscous fluid system	Ocean Engineering					5.5	10.1016/j.oceaneng.2025.122367
887	S., Marimuthu, Sathish; A.N., Grace, Andrews Nirmala	Operando Evaluation of NIR-Absorbing Squaraine Molecules for Dye-Sensitized Solar Cells: An Informatics-Driven Molecular Machine Learning Framework	ACS Applied Energy Materials					5.5	10.1021/acsaem.5c01621
888	S., Manoj, Selvam; R., Sreena, Radhakrishnan; R., Divya, R.; S., Ebinesh, Starlin; S., Akshaya, Shenbagaraman; S.S., Angel, Srikumar Sugantha; A.J., Nathanael, A. J.	Nanomaterial-Enhanced Dentistry: A Clinical Perspective	ACS Biomaterials Science and Engineering					5.5	10.1021/acsbiomaterials.5c00350
889	C.K., Pon Pavithiran, C. K.; S., Arulvel, S.; P., Kumaravelu, P.; D., Sakthivadivel, D.	Electroless deposition and surface analysis of cupro?nickel coated bio-char for vapor adsorption applications	Materials Characterization					5.5	10.1016/j.matchar.2025.115537

890	Mwaurah, M.M.; Prakasam, S.; Nakagawa, T.; Suresh, S.; Mathiyarasu, J.; Mohan, A.M.V.	Advancing Diabetes Care with Cobalt Imidazolate Metal?Organic Framework-Based Diaper-Integrated, Self-Powered Urinary Glucose Biosensor	ACS Applied Nano Materials	8	38	18311	18321	5.5	10.1021/acsanm.5c02794
891	Kishore, P.; Barman, S.; Dey, R.; Jana, A.; Ghosh, M.; Bag, P.; Ghatak, T.; Maji, P.S.; Ghosh, C.; Mukherjee, N.; Dutta Chowdhury, A.; Ghatak, S.; Mukherjee, R.; Basu, A.; Khan, A.H.; Ghosh, S.K.; Mandal, S.; Maity, A.R.	Delivering Drugs to Cancer Cells and inside the Mitochondria Using a Dual-Ligand Installed Targeted Drug Delivery System	ACS Applied Nano Materials	8	40	19668	19678	5.5	10.1021/acsanm.5c04231
892	Zhang, J.; Cai, C.; Hai, H.; Al-Dulaimi, A.; Selvaprabhu, P.; Chinnadurai, S.; Mumtaz, S.	Optimization Design of Beamforming, Phase Shifts, and Power Allocation for RIS-Assisted AF Relay Network	IEEE Wireless Communications Letters					5.5	10.1109/LWC.2025.3623192
893	Dhanasekaran, A.; Lakshmanan, A.; Malakar, A.; Bose, S.; Kannadassan, K.; Velmurugan, V.	Polyaniline/BaTiO3/MoS2Hybrid Nanocomposites for High-Frequency EMI Shielding Applications	ACS Applied Nano Materials	8	36	17561	17566	5.5	10.1021/acsanm.5c03074
894	Vignesh, R.; Sankara Narayanan, T.S.N.; Nandagopal, P.B.; Manickam, V.; Sridhar, T.M.	Simulated Coating Interface of (Au-n-HAP-TiO2) Ti-Metal Bone Implants: Improved Coating Thickness and Long-Term Corrosion Resistance by the Electrophoretic Deposition Method	ACS Biomaterials Science and Engineering	11	10	5907	5926	5.5	10.1021/acsbiomaterials.5c01184

895	Roys, K.E.; Manju, S.L.	Efficiency Trends in Metal-Free Heterocyclic Sensitizers in Dye-Sensitized Solar Cell Application	ACS Applied Energy Materials	8	22	16376	16415	5.5	10.1021/acsaem.5c02470
896	Maity, D.; Biroju, R.K.; Vreten?r, V.; Sahoo, M.R.; Van?o, L.; Mi?u??k, M.; Narayanan, T.N.; Pradhan, K.	Experimental and Computational Assessment of Adsorbates in Ultraclean 2D MoS2(1?x) Se2x Nanosheets Treated by Ethanol for Enhanced Photodetector Applications	ACS Applied Nano Materials	8	47	22573	22585	5.5	10.1021/acsanm.5c03601
897	Kumar P., Asokan J., Sriram S., Ramkumar M.C., Kumar P.S., Shalini M.G.	Impact of annealing on $ZnFe_2O_4$: Structural, optical, magnetic, photocatalytic, and antibacterial properties with DFT insights into optical parameters	Journal of Hazardous Materials Advances	17				5.4	10.1016/j.hazadv.2025.100594
898	Geethukrishnan, Bagde P.P., KH S., Adak C., Shukla R.P., Tadi K.K.	Smart sensing of creatinine in urine samples: Leveraging Cu-nanowires/MoS2 quantum dots and machine learning	Sensing and Bio-Sensing Research	47				5.4	10.1016/j.sbsr.2024.100727
899	Thenmozhi R.; Navamathavan R.	Ternary metal oxide of CuNiCo2O4nanorods (1D) distributed on g-C3N4 (2D) nanocomposite for non-enzymatic glucose sensing application	Sensing and Bio-Sensing Research	47				5.4	10.1016/j.sbsr.2025.100757
900	Kumar P.P.; Eedala S.R.; Yammanuru A.; Grace A.N.; Josephine Malathi A.C.	Non-invasive leukemia detection via CSRR sensor	Journal of Hazardous Materials Advances	18				5.4	10.1016/j.hazadv.2025.100654

901	Jabri F.A.; Muruganandam L.; Rajamohan N.	Sustainable treatment of oil produced water using novel methods – A review	Journal of Hazardous Materials Advances	18				5.4	10.1016/j.hazadv.2025.100658
902	Harshan K.; Rajan A.P.	Unveiling the potential of microbial biominers in bioleaching for heavy metal recovery from E-waste – A comprehensive review	Journal of Hazardous Materials Advances	18				5.4	10.1016/j.hazadv.2025.100691
903	Ramesh P.; Palaniappan A.	Green synthesis of nanoceria using Terminalia Arjuna extract for enhanced stability, antioxidant, and anticancer properties than their chemical counterparts	Colloids and Surfaces B: Biointerfaces	254				5.4	10.1016/j.colsurfb.2025.114798
904	Said Z.; Vigneshwaran P.; Shaik S.; Rauf A.; Ahmad Z.	Climate and carbon policy pathways for sustainable food systems	Environmental and Sustainability Indicators	27				5.4	10.1016/j.indic.2025.100730
905	B., Archana, B.; A., Sinha, Arup	Unprecedented homogeneous transfer hydrogenation reaction of aldehydes and ketones by -mono oxo bridged iron (III) complex	Inorganic Chemistry Communications	180				5.4	10.1016/j.inoche.2025.114891
906	N., Kannan, Neppoliyan; V., Radhakrishnan, Vidya; A., Sinha, Arup	An unprecedented non-oxidative acceptorless dehydrogenation on coordinated ligand: a novel way for the synthesis of ruthenium(II) complex	Inorganic Chemistry Communications	180				5.4	10.1016/j.inoche.2025.114904

907	B., Joshi, Bhumika; M., Shivashankar, Murugesh	Analysis of Ru(II) complexes: DNA/HSA binding, antioxidant, antimicrobial properties, and cytotoxic effects	Inorganic Chemistry Communications	180				5.4	10.1016/j.inoche.2025.115038
908	A., Appu Mini, Aarcha; V., Raghavan, Vimala	Enzyme free electrochemical sensor development for sensitive and selective detection of ethyl Paraoxon using Ti3C2 MXene derived sodium titanate nanoribbon and rare earth metal oxide nanocomposites	Inorganic Chemistry Communications	181				5.4	10.1016/j.inoche.2025.115111
909	E., Jose, Esther; S., Mukherjee, Sayanti; J., Swaminathan, Jose	Evaluating socioeconomic factors for crime against women in developing countries: A data-centric statistical learning approach	Socio-Economic Planning Sciences	101				5.4	10.1016/j.seps.2025.102255
910	R.K., Bharath, R. K.; A., Tripathy, Ashis	Water adsorption, relaxation phenomena and ion transport study of mesoporous Mn1.5Cr1.5O4 spinel oxide	Inorganic Chemistry Communications					5.4	10.1016/j.inoche.2025.115113
911	K., Ramajayam, Kalaipriya; A., Palaniappan, Arunkumar	Microwave-assisted synthesis of boron/nitrogen doped highly fluorescent carbon dots for the precise detection of silver ions in real water samples and for bioimaging applications	Inorganic Chemistry Communications					5.4	10.1016/j.inoche.2025.115124

912	W.T., Infancy, W. Trinisha; T.J., Jenila, T. Jaqulin; R., Rathikha, Ramaswamy; S., Maruthasalamoorthy, Selvam; B., Xavier, Belina; R., Navamathavan, Rangaswamy; A., Manikandan, Ayyar; V., Mohanavel, Vinayagam; M., Santhamoorthy, Madhappan; S., Santhoshkumar, S.	Nickel-infused cobalt ferrite/MXene nanocomposites: Structural insights and electrochemical properties for high performance supercapacitors	Inorganic Chemistry Communications					5.4	10.1016/j.inoche.2025.115156
913	A., Manohar, Ala; T., Suvarna, Thirukachhi; C., Krishnamoorthi, Chintagumpala; P., Manivasagan, Panchanathan; E., Jang, Eue?Soon; K., Kim, Ki-hyeon; B.A., Al-Asbahi, Bandar Ali	Influence of composition on colloidal stability, thermal properties, and magnetic hyperthermia performance of NixZn0.5-xMg0.5Fe?O? nanoparticles for biomedical applications	Inorganic Chemistry Communications					5.4	10.1016/j.inoche.2025.115268
914	V., Raji, Vinayagamoorthy; U.R., Muthurakku, Usha Rani	A comprehensive study on the growth, physicochemical properties, and nonlinear optical response of 4-[2-(4-Dimethylamino-phenyl)-vinyl]-1-methyl-pyridinium+ benzene sulfonate? (DMBS) single crystal	Inorganic Chemistry Communications					5.4	10.1016/j.inoche.2025.115275

915	M.P., Arthur, Menaka Pushpa; R., Ganesan, Ramachandran; K., Sood, Keshav; P., Kaarthik, Pavan; S., Sridhar, Srivarshinee; M.U.U., Chowdhury, Morshed U. Uddin	Empirical Study of Hierarchical Intrusion Detection Systems for Unknown Attacks	IEEE Transactions on Network and Service Management					5.4	10.1109/TNSM.2025.3600378
916	S.H., Aswathy, Sreeja Harikumar; U., Narendrakumar, U.; I., Manjubala, Inderchand	An Overview of Approaches and Evaluation Methods for Tissue-Engineered Articular Cartilage Constructs in Animal Models	Annals of Biomedical Engineering					5.4	10.1007/s10439-025-03819-7
917	K., Renuga Devi, K.; S., Dondapati, Sreekanth	Brief insights into the role of hot-isostatic pressing treatment for additively manufactured components	Progress in Additive Manufacturing					5.4	10.1007/s40964-025-01320-0
918	I.A.; Arumugam, B.; Manikandan, C.; Jaiswal, A.K.	3D-Printed Scaffold-Based Glioblastoma Spheroid In Vitro Model for Drug Screening Application	Annals of Biomedical Engineering					5.4	10.1007/s10439-025-03892-y
919	Thaha, S.K.S.M.; Abisha, S.M.; Panneerselvam, P.; Pugazhenthiran, N.; Kumar, S.; Kandasamy, M.; Suresh, S.; Mangalaraja, R.V.	CuFe2O4/TiO2 magnetic nanocomposites: Sonochemical synthesis and visible-to-NIR light-driven activation of peroxymonosulphate for cephalexin degradation	Inorganic Chemistry Communications	182				5.4	10.1016/j.inoche.2025.115659

920	Nandhakumar, H.; Kapparath, A.; Raheem, A.; Kesavan, P.; Rajan, A.; Skotnicov?, K.; Manivasagam, G.; Balakrishnan, B.; Vishnu, J.	Understanding gallium oxyhydroxide surface for improving titanium-based biomaterial applications	Colloids and Surfaces A: Physicochemical and Engineering Aspects	728				5.4	10.1016/j.colsurfa.2025.138689
921	Vijayakanth, V.; Vinodhini, V.; Vijayababu, M.; Smitha, A.S.S.; Krishnamoorthi, K.; Madhu Mohan, V.M.; Brahadeeswaran, S.; Tamizhselvi, R.; Rosaiah, P.; Radhalayam, D.; Mohammad Wabaidur, S.M.	Different surfactants-engineered CoFe2O4 nanoparticles: A multifunctional platform for magnetic hyperthermia and wastewater purification applications	Inorganic Chemistry Communications	183				5.4	10.1016/j.inoche.2025.115741
922	Saini, S.; Selvam, P.; Selva Kumar, S.K.; Kumar, S.K.A.	Multifunctional chromene-quinoline Schiff base probes for selective detection of copper(II) ions: smartphone-assisted and test strip detections	Inorganic Chemistry Communications	183				5.4	10.1016/j.inoche.2025.115708
923	Meena, A.; Saleem, H.; Kumar, A.S.; Shanmugam, N.; Suganya, M.	Stoichiometry-balanced MnO2/NiO nanoscale heterostructures for high-energy and high-power supercapacitors	Inorganic Chemistry Communications	183				5.4	10.1016/j.inoche.2025.115785

924	Hadkar, V.M.; Murthy, H.C.A.; Selvaraj, C.I.	Sustainable synthesis of Ag3PO4-ZnO nanocomposite using Couroupita guianensis (Aubl.) leaf extract for biological and photocatalytic applications	Inorganic Chemistry Communications	183				5.4	10.1016/j.inoche.2025.115845
925	Manohar, A.; Suvarna, T.; Kandi, R.; Krishnamoorthi, K.; Manivasagan, P.; Jang, E.-S.; Alshehri, S.A.; Kim, K.H.	Synergistic role of Mnx incorporation in Ni0.5-xZn0.5Fe2O4 ferrite nanoparticles: Structural, magnetic, hyperthermia, and cytocompatibility insights	Inorganic Chemistry Communications	183				5.4	10.1016/j.inoche.2025.115815
926	Jothinathan, D.B.; Suseem S, R.	Plant-derived zinc oxide nanoparticles using Phaseolus vulgaris: Characterization and in vitro bioactivity evaluation	Inorganic Chemistry Communications	183				5.4	10.1016/j.inoche.2025.115799
927	Meenu, O.; Samuel, E.J.J.	Can manganese-based ternary photocatalysts provide effective solutions for pharmaceutical pollution in aquatic environments? A comprehensive review	Inorganic Chemistry Communications	183				5.4	10.1016/j.inoche.2025.115641
928	Harish, S.; Sofiya, V.; Sathyakam, P.U.	Thermal management of a lithium-ion battery pack: simulation-based evaluation of various phase change materials	Thermal Science and Engineering Progress	68				5.4	10.1016/j.tsep.2025.104362
929	Koner, S.; Ramasubbu, S.	Tracing the cellular consequences of polyethylene microplastics: senescence and apoptosis in A549 and Raw 264.7 macrophage cells	Chemico-Biological Interactions	424				5.4	10.1016/j.cbi.2025.111868

930	Lahiri, B.B.; Muthukumaran, T.; Ranoo, S.; Mahendravada, S.; Khan, F.; Jayakumar, S.; Rout, S.; Velliyan, S.; Radhakrishnan, R.; Dasgupta, A.; Kumar, A.	AC induction heating properties of phosphate-coated ferrimagnetic CoFe2O4 nanoparticles immobilized in an agar medium	Colloids and Surfaces A: Physicochemical and Engineering Aspects	731				5.4	10.1016/j.colsurfa.2025.139024
931	Velmurugan, P.; Pattapulavar, V.; Godwin Christopher, J.G.; Fridman, N.; Ghatak, T.	Halide-responsive bifunctional copper(I) catalysis: Merging aqueous carbon?carbon bond formation with potent antimicrobial applications	Inorganic Chemistry Communications	184				5.4	10.1016/j.inoche.2025.116041
932	Siddheshwar P.G., Suresh A., Kumar M.S.J.	Rheostatic effect of a magnetic field on the onset of chaotic and periodic motions in a five-dimensional magnetoconvective Lorenz system	Chaos, Solitons and Fractals	192				5.3	10.1016/j.chaos.2025.116020
933	Sharma D., Panchaksaram M., Muniyan R.	Advancements in understanding the role and mechanism of sirtuin family (SIRT1-7) in breast cancer management	Biochemical Pharmacology	232				5.3	10.1016/j.bcp.2025.116743
934	G.S. B.; Thirumalai S.	Numerical simulation of the smoking model using spectral collocation method	Chaos, Solitons and Fractals	194				5.3	10.1016/j.chaos.2025.116144
935	Neethudas B.Y.; Rex M. C.; Suresh P.K.; Mukherjee A.	Toxicity due to release of microplastic fibres from disposable face masks on marine diatom Chaetoceros sp. and the role of EPS in combating the toxic effects	Emerging Contaminants	11	2			5.3	10.1016/j.emcon.2025.100481

936	Haque M.E.; Divya S.; Lims S.C.; Robert R.; Raj C.J.; Jose M.	Influence of Nb5+ ions on the dielectric properties of CaCu3Ti4O12 ceramics	Materials Research Bulletin	188				5.3	10.1016/j.materresbull.2025.113405
937	Kalyanasundaram D.; Arockia Sagayaraj P.M.; Dasgupta T.; Tharani G.R.; Ramasamy T.; Sundaramoorthy A.; Nandigam N.; Udayakumar K.; Kumar V.S.; Karthikeyan S.; Chinnathambi S.; Pandian G.N.; Grace A.N.; Sangeetha C.C.; Mangaiyarkarasi R.	Doxorubicin-Conjugated Terbium-Doped Carbon Dots for Site-Specific Colon Cancer Theranostics	ACS Applied Nano Materials					5.3	10.1021/acsanm.4c06365
938	Sahu A.; Das P.K.; Paul I.; Meher S.	A Hybrid Deep Learning Framework for Automatic Detection of Brain Tumours Using Different Modalities	IEEE Transactions on Emerging Topics in Computational Intelligence					5.3	10.1109/TETCI.2024.3442889
939	Ramya K.; Shanmugam R.; Mounica P.; Elangovan A.; Arivazhagan G.	O-H···N, C-H···O, and O-H···π hydrogen bonds between water and 2-methylpyridine	Journal of Molecular Liquids	429				5.3	10.1016/j.molliq.2025.127593
940	Vaiyapuri S.K.; Moganraj A.; Nowotnik A.	High temperature cyclic CMAS corrosion of TBCs on second generation single crystal superalloy deposited using beam switching EBPVD technology	Surface and Coatings Technology	507				5.3	10.1016/j.surfcoat.2025.132134

941	Rekha K.; Vizhi R.E.; Lahiri B.B.; Dasgupta A.	Unravelling the magnetic hyperthermia mediated heating efficiency of citric acid functionalized iron oxide nanoclusters	Journal of Molecular Liquids	429				5.3	10.1016/j.molliq.2025.127512
942	Nargatti K.I.; Ahankari S.S.; Dizon J.R.C.; Subramaniam R.T.	Flexible, Interdigitated Shape Memory Supercapacitor Based on Reduced Graphene Oxide/Nanocellulose Aqueous Ink	ACS Applied Nano Materials	8	15	7642	7652	5.3	10.1021/acsanm.5c00407
943	Kareem A.; Jose E.; Thenmozhi K.; Senthilkumar S.	In Situ Growth of Trimetallic FeCoNi Selenide Nanosheets on Nickel Foam for Electrocatalytic Water Splitting	ACS Applied Nano Materials	8	16	8424	8432	5.3	10.1021/acsanm.5c01097
944	Sridhar D.; Parimalarenganayaki S.	Groundwater quality assessment in urban parts of Vellore city, India: Focusing on Nitrogen Species contamination and its health risk analysis	Cleaner Engineering and Technology	26				5.3	10.1016/j.clet.2025.100945
945	Ganesan S.; Kokulnathan T.; Palaniappan A.	MoS2/Tungsten Carbide Nanocomposite as Disposable Electrochemical Strips for the Detection of Hazardous 4-Nitroaniline	ACS Applied Nano Materials	8	14	7004	7014	5.3	10.1021/acsanm.5c00148
946	Ezhil I.; Seetharaman A.; Kanumuri R.; Rajamani B.; Gangavarapu R.R.; Venkatraman G.; Rayala S.K.	Novel Combination Therapy Targeting Oncogenic Signaling Kinase P21-Activated Kinase 1 and Chemotherapeutic Drugs Against Triple-Negative Breast Cancer	Molecular Cancer Therapeutics	24	4	576	586	5.3	10.1158/1535-7163.MCT-24-0404

947	Xamidov T.; Sheoran P.; Shaymatov S.; Zhu T.	Energy extraction from Loop Quantum Black Holes: the role of magnetic Penrose process and quantum gravity effects with astrophysical insights	Journal of Cosmology and Astroparticle Physics	2025	3			5.3	10.1088/1475-7516/2025/03/053
948	Umasankar U.; Sabumon P.C.	Unravelling the ecological ramifications of biodegradable microplastics in soil environment: A systematic review	Emerging Contaminants	11	2			5.3	10.1016/j.emcon.2025.100504
949	Rahman M.M.; Shults R.; Tiwari S.P.; Arshad A.; Usman M.; Raihan A.; Ishraque M.F.	Review on sea water quality (SWQ) monitoring using satellite remote sensing techniques (SRST)	Marine Pollution Bulletin	217				5.3	10.1016/j.marpolbul.2025.118108
950	Priyadharshini S.; Veilumuthu P.; Godwin Christopher J.; Anitha K.	The synergy of experimental and theoretical investigation of solvent impact on structural, physicochemical properties of a bioactive meta-para Schiff base crystal: 4-Bromo 3-nitrobenzylidene aniline	Journal of Molecular Liquids	431				5.3	10.1016/j.molliq.2025.127773
951	Manikandan M.; Dhanalakshmi C.; Lakshmi Priya G.; Manikandan E.; Tadi K.K.	Hybrid g-C_3N_4/ZnO nanocomposites for enhanced electrochemical detection of dengue virus serotype 2 (DENV2) NS1 protein biomarker	Microchimica Acta	192	7			5.3	10.1007/s00604-025-07307-6

952	Wani S.; Selvaraj T.; Dhassiah M.P.	Metagenomic and mineralogical insights into biomineralization of shell lime putty prepared with fermented Terminalia chebula fruit extract for built heritage applications	Cleaner Engineering and Technology	27				5.3	10.1016/j.clet.2025.101011
953	Navangul H.; Kumar K.; Jebaseelan D.; Bhushan A.; Thirunavukkarasu D.; Mallick R.; Saha S.; Haorongbam B.	Comparison of ballistic performance of Dyneema®, hardened tool steel & alumina composite for low and medium velocity impact: a numerical approach	Composites Part C: Open Access	17				5.3	10.1016/j.jcomc.2025.100618
954	Nandhakumar R.; Venkatesan K.	Impact of volumetric energy densities on the mechanical properties of stainless steel 310 fabricated through selective laser melting	Materials Research Bulletin	192				5.3	10.1016/j.materresbull.2025.113592
955	V J.; A A.; Suhaan Dar M.; Subramani R.; Sahoo T.	Erbium substituted magnetite nanoparticles for hyperthermia applications: Synthesis, characterization, and performance evaluation	Materials Research Bulletin	192				5.3	10.1016/j.materresbull.2025.113615
956	Amarnath K.; Selvi Gopal T.; Josephine Malathi A.C.; Pandiaraj S.; Alruwaili M.; Alshammari A.; Alodhayb A.N.; Abeykoon C.; Grace A.N.; Kumar V.G.	Electrochemical Detection of Dopamine and Uric Acid with Annealed Metal-Organic Framework/MXene (CuO/C/Ti3C2Tx) Nanosheet Composites for Neurotransmitter Sensing	ACS Applied Nano Materials	8	24	12661	12675	5.3	10.1021/acsanm.5c01758

957	Trong Tran A.T.; Hassan K.; Jalil M.A.; Tran A.T.T.; Tripathy A.; Mondal A.; Lei F.; Losic D.	Selective Sensing of Xylene Isomers Using In Situ Growth of MOFs on Porous Graphene Supported by Machine Learning Augmentation	ACS Applied Nano Materials					5.3	10.1021/acsanm.5c01786
958	K., Hadiyal, Keval; R., Ganesan, Ramakrishnan; R.M., Thamankar, Ramesh M.	Quantized Conductance and Multilevel Memory Operation in Mn3O4 Nanowire Network Devices Combined with Low Voltage Operation and Oxygen Vacancy Induced Resistive Switching	Advanced Electronic Materials					5.3	10.1002/aelm.202500159
959	M., Madheswaran, Monnishkaran; K., Jaganathan, Keerthana; L., Shanmugam, Lakshmanan	Deep Learning-Based Multimodal Fusion Approach for Predicting Acute Dermal Toxicity	Journal of Chemical Information and Modeling					5.3	10.1021/acs.jcim.5c01128
960	I., Na, Inseop; R., Vani, Rajasekar; V., Sarveshwaran, Velliangiri	Real-Time Fire Risk Classification Using Sensor Data and Digital-Twin-Enabled Deep Learning	IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing					5.3	10.1109/JSTARS.2025.3593138
961	Ulaganambi, M.; Tetala, K.K.R.	Bioinformatic based protein-ochratoxin A screening studies and fabrication of a protein-based electrochemical sensor for specific detection of ochratoxin A in food samples	Microchimica Acta	192	12			5.3	10.1007/s00604-025-07674-0
962	Kashyap, G.; Singh, N.K.; Jain, P.	Matter dipole and Hubble tension due to large wavelength perturbations	Physical Review D	112	8	1	12	5.3	10.1103/ftk4-6zmz

963	Lingadharini, P.; Maji, D.	Colorimetric and electrochemical assessment of starch based highly sensitive Origami glucose biosensor over fabric: A potentially sensitive substitute of Chitosan	Microchimica Acta	193	1			5.3	10.1007/s00604-025-07757-y
964	Mothilal M., Kumar A.	Supervised Machine learning models for predicting mechanical properties of dissimilar friction stir welded AA7075-AA5083 aluminum alloys	Measurement: Journal of the International Measurement Confederation	246				5.2	10.1016/j.measurement.2025.116653
965	Kumar A.; K P R.; P S.H.	Global dynamics of an ecological model in presences of fear and group defense in prey and Allee effect in predator	Nonlinear Dynamics					5.2	10.1007/s11071-024-10706-8
966	Vishnu Priya N.; Thulasidharan K.; Senthilvelan M.	Hybrid solutions of real and complex modified Korteveg-de Vries equations and their predictions through deep learning algorithm	Nonlinear Dynamics					5.2	10.1007/s11071-024-10833-2
967	Hiruthyaswamy S.P.; Deepankumar K.	Suckerin based biomaterials for wound healing: a comparative review with natural protein-based biomaterials	Materials Advances	6	4	1262	1277	5.2	10.1039/d4ma01005a
968	Anoop P.P.; Deivanathan R.	Real-Time image enhancement following road scenario classification using deep learning	Measurement: Journal of the International Measurement Confederation	251				5.2	10.1016/j.measurement.2025.117192

969	Chakravorty A.; Das S.; Mini A.A.; Awasthi S.; Pandey S.K.; Raghavan V.	MXene-derived potassium titanate nanoribbon-decorated electrode architecture for the detection of ciprofloxacin: development of a multipurpose sensing platform promoting One Health	Materials Advances					5.2	10.1039/d4ma01245c
970	Danquah J.O.; Mandava S.	Machine learning-based current transformer saturation detection for medium voltage in power grids system	Measurement: Journal of the International Measurement Confederation	253				5.2	10.1016/j.measurement.2025.117636
971	Sudhagar S; Lokavarapu B.R.	Wear prediction and characterization of steel and copper alloy spur gears	Measurement: Journal of the International Measurement Confederation	254				5.2	10.1016/j.measurement.2025.117856
972	Yadav M.K.; Shukla R.H.; Praveenkumar K.; Nilawar S.; Perugu C.S.; Sellamuthu P.; Chatterjee K.; Suwas S.; Jayaraj J.; Prashanth K.G.	Microstructural, mechanical, corrosion, and biological behavior of spark plasma sintered commercially pure zinc for biomedical applications	Materials Advances					5.2	10.1039/d5ma00092k
973	Mohanasundaram P.; Mary Saral A.	In vitro scratch assay, cytotoxicity, DNA/BSA binding properties, and antimicrobial activity of green synthesized TiO2 nanoparticles via neem flowers	Materials Advances					5.2	10.1039/d5ma00144g

974	Sekar M.; Thirumurugan K.	The role of TP53INP2 as an adaptor protein in the regulation of lipophagy in mature adipocytes	Life Sciences	377				5.2	10.1016/j.lfs.2025.123802
975	Thennarasi A.; Vasu K.	Heavily Doped Trifunctional WS2 Semiconductor Exhibiting Efficient Water Electrocatalysis and Supercapacitor Performance	Energy and Fuels					5.2	10.1021/acs.energyfuels.5c00755
976	Akshaya S.; Nathanael A.J.	Influence of amino silane-modified nanocellulose on the physico-chemical and mechanical properties of alginate films	Materials Advances					5.2	10.1039/d5ma00257e
977	H., Sharma, Himanshi; S., Routh, Sreyoshi; C., Pandya, Chayan; S., Mittal, Sumit; V., Manickam, Venkatraman; M., Pathak, Madhvesh	Investigation on DNA/protein interactions and cytotoxic profile of titanium(IV) complexes associated with diols and Schiff base ligands	Journal of Molecular Liquids					5.2	10.1016/j.molliq.2025.128217
978	R., Nasinathan, Rajesh; K., Rajaram, Kamatchi	2D MXene based nanocomposite phase change material for battery thermal management in electric vehicles: Preparation, characterization and thermal properties	Journal of Molecular Liquids					5.2	10.1016/j.molliq.2025.128542
979	Anand, A.S.V.; Perinbanathan, S.; Gokul, A.S.; Goud, E.V.; Ranjan, P.; Rajagopal, R.; Rao, C.V.S.B.; Sivaramakrishna, A.	Fully functionalizable triphenylamine with mono/di/tri ?-aminophosphonates: synthesis, photophysical, morphological, and anticancer properties	Journal of Molecular Liquids	437				5.2	10.1016/j.molliq.2025.128625

980	Manimaran, K.; Rojviroon, T.; Rojviroon, O.; Ranjith, R.; Yuli Yanto, D.H.; Venkatesh, G.; Segaran, G.; Niamlang, S.	Advances in metal nanofabrication using microbial exopolysaccharides: Emerging biomedical applications	International Journal of Pharmaceutics	685				5.2	10.1016/j.ijpharm.2025.126232
981	Polisetty, A.; Sowmya, G.; Chakraborty, D.; Andrea, A.	Bridging Emotion and Technology: Customer Involvement and Acceptance of Robo Advisory Services	IEEE Transactions on Engineering Management					5.2	10.1109/TEM.2025.3634383
982	Satheeshkumar P., Immanuel Selwynraj A.	Investigating the thermophysical properties of an activated carbon and copper powder composite adsorbent for adsorption cooling system	Thermal Science and Engineering Progress	59				5.1	10.1016/j.tsep.2025.103286
983	Manohar A., Suvarna T., Chintagumpala K., Manivasagan P., Jang E.-S., Al-Asbahi B.A., Sangaraju S., Kim K.H.	Evaluating $Mg2^{+}$- doped Cu-Zn ferrite nanoparticles for hyperthermia and their biocompatibility in normal and cancer cells	Ceramics International					5.1	10.1016/j.ceramint.2024.12.535
984	C.K P.P.; D S.; Agarwal A.; Agarwal A.	Experimental investigation and thermo-enviro-economic analysis of a novel biomass driven dual-bed vapor adsorption refrigeration system for a cold storage room and bulk milk chiller for rural applications	Thermal Science and Engineering Progress	59				5.1	10.1016/j.tsep.2025.103327

985	Rajan A.; Shankar B.; Sahu N.K.	Magnetically inductive Fe3O4 nanocubes: Ligand exchange, hyperthermia and anti-cancer activity	Ceramics International					5.1	10.1016/j.ceramint.2025.03.005
986	Sharmila A.; Selvaraj C.I.	Sustainable synthesis of Au-ZnO nanocomposites for effective photocatalytic degradation of methylene blue in wastewater and therapeutic applications	Ceramics International					5.1	10.1016/j.ceramint.2025.04.087
987	Deepak C.N.; Behura A.K.	Experimental analysis of a mixed mode solar tunnel dryer for drying tomato: Energy, exergy and environmental assessment	Thermal Science and Engineering Progress	63				5.1	10.1016/j.tsep.2025.103707
988	Catherin Jino A.A.; Dinakaran S.; Rajasabai S.P.	Enhanced photoluminescence in Sr2SiO4: Sm3+ via Li+ Co-doping: A promising orange-red emitting phosphor under Near-UV Illumination	Ceramics International					5.1	10.1016/j.ceramint.2025.04.251
989	Karmakar S.; Sahoo S.; Mohanty H.S.; Boddhula R.; Reddy G.N.; Mohapatra S.R.; Mahato K.K.; Anirban S.; Nayak P.; Kumar G.R.; Deka N.	Unraveling electrical transport and dielectric relaxation in P2-Type NaMg0.25Mn0.75O2: A promising layered oxide for high-temperature electronics	Ceramics International					5.1	10.1016/j.ceramint.2025.05.030
990	Nitesh Kumar M.; Samuel P.	Luminescence and structural characteristics of Eu3+ and Sm3+ doped SrLaZnNbO6 double perovskite phosphors	Ceramics International					5.1	10.1016/j.ceramint.2025.05.204

991	Joseph S.; Vijayakumar N.; Kothandam S.; Janakiraman K.; Abraham J.; Genasan K.; Swamiappan S.	Silver-doped diopside: A multifunctional bioceramic with enhanced bioactivity, mechanical strength, and antimicrobial properties for bone regeneration	Ceramics International					5.1	10.1016/j.ceramint.2025.05.208
992	Blessy T.G.; Kumar B.R.	Thermal and flow characteristics of MWCNT - TiO2- ZnO ternary hybrid nanofluid between two stretchable disks	Thermal Science and Engineering Progress	62				5.1	10.1016/j.tsep.2025.103618
993	Gnanasekaran M.; Moolya S.; Devi N.R.; Satheesh A.	Computational analysis of the impact of MHD and Fe3O4 nanoparticles on double-diffusive mixed convection with obstacles in an inclined enclosure	Thermal Science and Engineering Progress	62				5.1	10.1016/j.tsep.2025.103669
994	U., Masuda, U.; L.N., Tripathi, Laxmi Narayan	Impact of electron-phonon coupling, Stokes shift and quantum confinement in boron nitride quantum dots for hydrogen production via water splitting	Nanoscale	17	28	16900	16909	5.1	10.1039/d5nr01473e
995	S.K., Meghe, Sachin Krishna; V., Vijayakumar, V.	A green multicomponent approach for the synthesis of 4-quinoline carboxylic acid via modified Doebner hydrogen transfer reaction	Green Chemistry Letters and Reviews	18	1			5.1	10.1080/17518253.2025.2525112
996	K., Krishnanjana, K.; G.M., Ganesh, G. Mohan	Green corrosion inhibition of Punica granatum peel powder on TMT in salt medium: outlooks from experiments and artificial neural networks	Green Chemistry Letters and Reviews	18	1			5.1	10.1080/17518253.2025.2525117

997	J., Latha Ravi, Janani; P., Ghosh, Payel; F., Ahmad, Faraz; S., Haque, Shafiul; P., Barciela, Paula; F., Chamorro, Franklin; A.O.S., Jorge, Ana Olivia Serra; M.&#65533;., Prieto, Miguel &#65533;ngel; S.S., Rana, Sandeep Singh	Microbial conversion of vegetable waste for flavor additives via solid-state fermentation: a comprehensive review	Frontiers in Nutrition	12				5.1	10.3389/fnut.2025.1445189
998	V., Vijayakanth, Vembakam; M.R., Kummara, Madhusudana Rao; M., Vijayababu, Mullapudi; C., Krishnamoorthi, Chintagumpala; F.A.M., Al-Zahrani, Fatimah Ali M.; P., Rosaiah, Pitcheri	Synergistic effects in Co-doped NiFe2O4/rGO/MWCNT ternary nanocomposites for enhanced supercapacitor performance	Diamond and Related Materials					5.1	10.1016/j.diamond.2025.112679
999	V., Pattapulavar, Veilumuthu; S., Ramanujam, Sathiyabama; B., Kini, Bhagyashree; J.G., Godwin Christopher, J. Godwin	Probiotic-derived postbiotics: a perspective on next-generation therapeutics	Frontiers in Nutrition					5.1	10.3389/fnut.2025.1624539

1000	A., Wincie Wilmah, A.; R.K., Jaishree Karthiga, R. K.	Indian teachers? and parents? perceptions and experiences of food and nutrition education in primary schools: mixed-method study	Frontiers in Nutrition					5.1	10.3389/fnut.2025.1635389
1001	V., Khade, Vaishnavi; A.B., Thirumalasetty, Avanish Babu; C., Krishnamoorthi, Chintagumpala; null; W., Madhuri, W.	Novel 2D-ferroic nanocomposite anti-reflection screen-printed films for EMI shielding: an experimental and theoretical study	Journal of Materials Chemistry C					5.1	10.1039/d5tc00775e
1002	Ghosh, N.; Gopal, G.; Christy Christudoss, A.; Dey, S.; Samajpati, I.; Viswanathan, D.; Paul, S.; Paul, S.; Mukherjee, A.; Kundu, R.	Green-synthesized Fe-Zn bimetallic nanoparticles alleviated cadmium accumulation and enhanced plant growth in Oryza sativa L. cv. (IR64)	Environmental Science: Nano	12	10	4700	4721	5.1	10.1039/d5en00620a
1003	Balasubramani, S.; Gowthami, R.; Gali, S.M.; Tadi, K.K.	Heparin as a selective receptor for the electrochemical sensing of lead(II) ions in agricultural soil and groundwater samples	Microchemical Journal	218				5.1	10.1016/j.microc.2025.115461
1004	Saha, S.; Chakraborty, P.; Naskar, A.; Roy, D.; Banerjee, A.	Local homeostasis preserves global neural dynamics compensating for structural loss during human lifespan aging	Communications Biology	8	1			5.1	10.1038/s42003-025-08690-9
1005	Ruby Vincy Roy, R.V.R.; Peer Fathima, P.F.; Morris, S.	Performance evaluation of NERC standards-based controller in frequency linked price mechanism for hybrid market model	Energy Reports	14		2998	3013	5.1	10.1016/j.egyr.2025.09.018

1006	Deb, S.; Mondal, A.; Ajitha, B.; Reddy, Y.A.K.	Evaluation of hydrogen gas-sensing performance based on polymorphic-engineered In2O3 nanostructures	Microchemical Journal	219				5.1	10.1016/j.microc.2025.115914
1007	Priyadharshini, A.; Sonaimuthu, S.; Napoleon, A.A.	Highly fluorescent Cu/N-codoped carbon dots for selective and sensitive cerium (III) ion detection in food, environmental, and biological samples	Microchemical Journal	219				5.1	10.1016/j.microc.2025.115910
1008	Dhinu Lal, M.; Varadarajan, R.	Ensemble?deep learning framework with wrapper-based feature selection and sequential encoders for PMU-based event classification	Energy Reports	14		4353	4369	5.1	10.1016/j.egyr.2025.11.030
1009	Nallakaruppan, M.K.; Lawanyashri, M.; Dhanaraj, R.K.; Fuladi, S.; Pamucar, D.; Simic, V.	Reliable power management and predictive analysis of domestic appliances with insights of XAI	Energy Reports	14		3704	3718	5.1	10.1016/j.egyr.2025.10.036
1010	Patel, M.S.; Gurmuley, R.R.; Jaiswal, M.; Shekhar, R.; Immanuel, R.J.; Jouiad, M.; Rahaman, A.	Effect of 2 wt% calcium addition on the microstructure, mechanical performance, and fracture behaviour of AZ31 magnesium alloy	Discover Materials	5	1			5.1	10.1007/s43939-025-00428-y
1011	Jayaraj, S.; Abraham, M.P.; T.p, I.A.; Sulthan, S.M.; Sri Revathi, B.	Efficient microgrid scheduling via actor-critic reinforcement learning with minimal state representation and well-defined reward design	Energy Reports	14		3591	3604	5.1	10.1016/j.egyr.2025.10.037

1012	George, A.A.; Ghosh, D.	Advancements in sustainability in the 21st century: A bibliometric analysis of solar power and its applications	Energy Reports	14		4291	4307	5.1	10.1016/j.egyr.2025.11.023
1013	Archana, S.; Guruviah, V.	Finite?element simulation of biomass-derived carbon electrodes for hybrid supercapacitors using COMSOL multiphysics	Energy Reports	14		4912	4920	5.1	10.1016/j.egyr.2025.11.051
1014	Anandha Prakash, P.; R.	Optimization of electric vehicle routing: A multi-criteria intelligent decision framework for efficient and scalable mobility	Energy Reports	15				5.1	10.1016/j.egyr.2025.12.049
1015	Pavithra, S.; Parvathi, R.; Singh, I.; Agarwal, K.	Designing a smart grid energy management with game theory and reinforcement learning using Parrondo's paradox	Energy Reports					5.1	10.1016/j.egyr.2024.12.062
1016	Nithya, N.; Mallikarjun, R.; Itapu, S.; Ramana Murthy, G.R.; S, S.; Borra, V.	Tuning the electrical parameters of non-stoichiometric gallium oxide-based memristor	Discover Materials					5.1	10.1007/s43939-025-00368-7
1017	Vignesh, K.; Napoleon, A.A.	Redox-active flufenamic acid-functionalized MWCNT electrode as molecular electrocatalyst for hydrazine oxidation and sensing	Microchemical Journal	220				5.1	10.1016/j.microc.2025.116451

1018	Aswal, S.; Ghosal, S.; Murari, H.; Chahal, R.; Vreten?r, V.; Biroju, R.K.; Van?o, L.; Ghosh, S.; Giri, P.K.	Anisotropic in-plane thermal transport in monolayer ReSe2and its modulation through layer control and selenium vacancies: experiment vs. theory	Nanoscale					5.1	10.1039/d5nr03668b
1019	Prasad K.R.K.V., Kollu R., Ramkumar A., Ramesh A.	A multi-objective strategy for optimal DG and capacitors placement to improve technical, economic, and environmental benefits	International Journal of Electrical Power and Energy Systems	165				5	10.1016/j.ijepes.2025.110491
1020	Reyes Ruiz A.; Bhale A.S.; Venkataraman K.; Dimitrov J.D.; Lacroix-Desmazes S.	Binding Promiscuity of Therapeutic Factor VIII	Thrombosis and Haemostasis	125	3	194	206	5	10.1055/a-2358-0853
1021	Vivekananda G.N.; Mahesh T.R.; Gupta M.; Thakur A.; Sayal A.	Refining digital security with EfficientNetV2-B2 deepfake detection techniques	Egyptian Informatics Journal	30				5	10.1016/j.eij.2025.100699
1022	Savadatti S.; Cherukuri A.K.; Jonnalagadda A.; Vasilakos A.V.	Analysis of quantum fully homomorphic encryption schemes (QFHE) and hierarchial memory management for QFHE	Complex and Intelligent Systems	11	6			5	10.1007/s40747-025-01851-7
1023	Panneerselvam G.; Mani P.	Coupled memory sampled-data control for fractional stochastic wind energy conversion models	International Journal of Electrical Power and Energy Systems	169				5	10.1016/j.ijepes.2025.110781

1024	Ahmed Z.; Wu S.; Sharma A.; Kumar R.; Yamano H.; Pellegrini M.; Yokoyama R.; Okamoto K.	Investigating eutectic behavior and material relocation in B4C-stainless steel composites using the improved MPS method	International Journal of Heat and Mass Transfer	250				5	10.1016/j.ijheatmasstransfer.2025.127343
1025	P., Sreenivasulu, P.; T., Poornima, Tamalapakula; A., Subbarao, Annasagaram; T.A., B?g, Tasveer Anwara; O.A., B?g, Osman Anwar; A., Kadir, Ali	Computational study of radiative magnetohydrodynamic non-Newtonian MgO-TiO2-CH3OH hybrid nanofluid transport from a stretching substrate: Nano-cosmetic manufacturing simulation	Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems					5	10.1177/23977914251349271
1026	A., Chandrasekar, A.; T., Radhika, Thirunavukkarasu; A.R., Subhashri, A. R.; H., Ahmad, Hijaz; T.A., Radwan, Taha Ali	Resilient memory sampled-data controller for synchronization of semi-Markovian jump competitive neural networks with mixed delays	International Journal of Electrical Power and Energy Systems					5	10.1016/j.ijepes.2025.110982
1027	M., Sekar, Manikandan; T., Gandhi, Thirumanavelan	Unlocking Cyclic Carbonates as Butadiene Surrogates in Pd-Catalyzed Mizoroki?Heck Reactions	Organic Letters					5	10.1021/acs.orglett.5c03153
1028	Tatipatri, N.; L, A.S.	A privacy-preserving based cyber security for communication attacks in active power distribution networks	International Journal of Electrical Power and Energy Systems	172				5	10.1016/j.ijepes.2025.111243
1029	Chandran, G.; Ashish, S.; Ajayan S, A.; Thirumalini, T.	Selection criteria for mine tailings as SCM: A Comprehensive Review of Types, Properties and Performance	Minerals Engineering	235				5	10.1016/j.mineng.2025.109822

1030	Venkat S., Ghodeswar T., Chavan P., Narayanasamy S.K., Srinivasan K.	MRI-based automated diagnosis of Alzheimer's disease using Alzh-Net deep learning model	Biomedical Signal Processing and Control	102				4.9	10.1016/j.bspc.2024.107367
1031	Ramajayam K., Palaniappan A.	Facile and green synthesis of highly fluorescent boron and nitrogen-doped carbon dots (BN-CDs) for the fluorimetric detection of Au3+ ions in aqueous media and in in vitro cell imaging	Colloids and Surfaces A: Physicochemical and Engineering Aspects	709				4.9	10.1016/j.colsurfa.2024.136062
1032	Das P.K.; Sreevatsav S.; Sahu A.; Mayuri S.A.H.; Sagar P.R.	OSLTBDNet: Orthogonal softmax layer-based tuberculosis detection network with small dataset	Biomedical Signal Processing and Control	105				4.9	10.1016/j.bspc.2025.107584
1033	Sivaraj C.; Pradhan S.; Gandhi T.; Maiti D.	Site-Selective Remote C4 Amination of 1-Naphthamides via Palladium-Single-Electron Transfer Catalysis	Organic Letters	27	7	1650	1655	4.9	10.1021/acs.orglett.4c04858
1034	Sargunan I.; Maram B.; Rajan C.; Prasad V.; Balasubramaniam S.R.; Gnanasekaran D.	Discrete neighborhood difference pattern-based feature extraction and hybrid deep learning model for melanoma skin cancer detection	Biomedical Signal Processing and Control	107				4.9	10.1016/j.bspc.2025.107812
1035	Singh S.; Sachan A.; Goyal J.K.; Purwar S.; Xiong X.	Encoder/decoder mismatch for input quantisation with discrete time [K,K,L]sector	International Journal of Systems Science					4.9	10.1080/00207721.2025.2467839
1036	Joshi Kumar V.; Elumalai V.K.	A deep reinforcement learning control framework for a partially observable system: experimental validation on a rotary flexible link system	International Journal of Systems Science					4.9	10.1080/00207721.2025.2468870

1037	Selvam P.K.; Mudipalli Elavarasu S.; C G.P.D.; Vasudevan K.	Genetic insights into Staphylococcus aureus resistance: exploring AMR genes and molecular interactions	Pathogens and Global Health					4.9	10.1080/20477724.2025.2477337
1038	Kumari M.; Pulimi M.	Sulfate radical-based degradation of oxytetracycline with CuO/UiO-66 doped hydrochar: Mechanistic insights and toxicity studies	Colloids and Surfaces A: Physicochemical and Engineering Aspects	718				4.9	10.1016/j.colsurfa.2025.136869
1039	Chakravorty A.; Raghavan V.	Fabrication of sensors with microwave-assisted porous CeO2 nanohorns based on electrochemical oxidation of enrofloxacin and ciprofloxacin – Fostering one health for sustainable future	Microchemical Journal	213				4.9	10.1016/j.microc.2025.113710
1040	S. V.K.; S. B.B.; Vellingiri J.; Ramani D.R.	Enhancing Mobile Edge Computing customer reviews analysis with Ensemble Sparse Support Vector L1 Regularization Based Crossover Discrete Mycorrhized Algorithm	Biomedical Signal Processing and Control	109				4.9	10.1016/j.bspc.2025.108019
1041	Priyadarshini M.; Ahmad A.; Mahtab M.S.; Khan S.U.; Farooqi I.H.; Pérez N.	Natural engineering approaches for the removal of per- and poly-fluoroalkyl substances from aquatic environment: A review	Groundwater for Sustainable Development	30				4.9	10.1016/j.gsd.2025.101465
1042	Kumari R.; Banerjee S.	Regulation of Different Types of Cell Death by Noncoding RNAs: Molecular Insights and Therapeutic Implications	ACS Pharmacology and Translational Science	8	5	1205	1226	4.9	10.1021/acsptsci.4c00681

1043	Lakshmipriya B.; Jayalakshmy S.; Saraswathi D.	Wasserstein generative adversarial network for cough signal augmentation using modified discrete cosine transform representation	Biomedical Signal Processing and Control	110				4.9	10.1016/j.bspc.2025.108164
1044	Agrawal A.; Chaki J.	CerebralNet meets Explainable AI: Brain tumor detection and classification with probabilistic augmentation and a deep learning approach	Biomedical Signal Processing and Control	110				4.9	10.1016/j.bspc.2025.108210
1045	Bapireddygari H.; V M.A.	UAV-based aerial imaging and path optimization to combat mosquito-borne diseases	Pathogens and Global Health					4.9	10.1080/20477724.2025.2507681
1046	Chakraborty S.; Kumar A.S.; Banerjee S.	Lipids: Driving Forces in the Underlying Biology of Carcinogenesis	ACS Pharmacology and Translational Science					4.9	10.1021/acsptsci.5c00170
1047	K., Kanagaraj, Kaavya; A.S., Oliver, A. Sheryl; R., Ranjith, R.; P.N., Jeipratha, P. N.	Bone fracture detection and classification using node-level capsule graph neural network with X-ray images of broken and unbroken bones	Biomedical Signal Processing and Control	110				4.9	10.1016/j.bspc.2025.108302
1048	V.V., Navis, V. Vinitha; R., Marappan, Raja	Graph embedding strategy for efficient routing and optimal wavelength assignment in array-based WDM optical networks with enhanced hypercube topology	Computers and Electrical Engineering	127				4.9	10.1016/j.compeleceng.2025.110571

1049	M., Fathima, M.; S., Raja Balachandar, S.; S.G., Venkatesh, S. G.; S.P.R., Raja, S. Peter Raj	An Extreme Learning Machine Technique for the Numerical Solution of Fractional Differential Equations	IEEE Transactions on Computational Social Systems					4.9	10.1109/TCSS.2025.3583121
1050	H., Siranjeevi, Hemamalini; S., Venkatraman, Swaminathan; S.P.R., Raja, S. Peter Raj	EBPGA: Extractive Text Summarization Using Binary Particle Swarm Optimization and Masked Genetic Algorithm	IEEE Transactions on Computational Social Systems					4.9	10.1109/TCSS.2025.3583893
1051	S., Sudharson, S.; P., Kokil, Priyanka	Automated diagnosis tool for clinical ultrasound image analysis in kidney disease identification	Biomedical Signal Processing and Control	0				4.9	10.1016/j.bspc.2025.108345
1052	M., Santhamoorthy, Madhappan; P., Asaithambi, Perumal; V., Ramkumar, Vanaraj; N., Elangovan, Natarajan; I., Perumal, Ilaiyaraja; S., Kim, Seongcheol	A Review on the Recent Advancements of Polymer-Modified Mesoporous Silica Nanoparticles for Drug Delivery Under Stimuli-Trigger	Polymers	17	12			4.9	10.3390/polym17121640
1053	C., Dhanalakshmi, C.; G., Lakshmi Priya, G.	Dopant-Free, Phyto-Assisted Lanthanum Oxide Nanomaterial for Sustainable Electrochemical Detection of Heavy Metal Lead (Pb2+)	Journal of Inorganic and Organometallic Polymers and Materials					4.9	10.1007/s10904-025-03906-1

1054	P., Venkatasubbu, Pattabiraman; A.V., Shreyas Madhav, A. V.; K., Prakash, K.; R., Rajaraman, Raghav; L., Bhaskara Rao, Lokavarapu	Interpretable deep automation system for graded diagnosis of diabetic retinopathy	Biomedical Signal Processing and Control					4.9	10.1016/j.bspc.2025.108490
1055	K., Jayasri, Kotti; M.B.J., Belsam Jeba Ananth, M. Belsam Jeba; R., Regunathan, Rajeshkannan	Hybrid EfficientQNet for brain tumor detection using MRI images	Computers and Electrical Engineering					4.9	10.1016/j.compeleceng.2025.110601
1056	R., K, Revathi; S., K, Suganthi	Enhancing blockchain security against quantum threats through integration of post-quantum cryptographic algorithms	Computers and Electrical Engineering					4.9	10.1016/j.compeleceng.2025.110610
1057	G.A., Gadhiya, Gaurav A.; S., Chakraborty, Suprava	Agrivoltaics in the Andaman and Nicobar Islands: Assessing the geo-spatial potential for sustainable development	Energy for Sustainable Development					4.9	10.1016/j.esd.2025.101807
1058	M., Jatkar, Mandar; A., Shah, Arpan; T., B.g, Tejas; S., Hegde, Shubha; P., Sagar, Paresh	Fluorine-passivated aluminum phosphide nanoribbons: A promising alternative for Sub-10 nm CMOS interconnects	Journal of Physics and Chemistry of Solids					4.9	10.1016/j.jpcs.2025.113043
1059	O., Saidani, Okba; A., Yousfi, A.; Y., Belhadad, Yehya; R., Zouache, Rafik; A., Brahimi, Abdelhalim; G.S., Sahoo, Girija Shankar	Predictive modeling of Rb2ScCuCl6-Based perovskite solar cells performance using neural networks-guided optimization and SHAP-based interpretability	Journal of Physics and Chemistry of Solids					4.9	10.1016/j.jpcs.2025.113084

1060	C., Veluchamy, Chandra; A.S., Sharma, Avinash S.; K., Thiagarajan, Kalaivani	Assessment of heavy metal pollution and human health risk along the Southeast coast of India: A comprehensive ecotoxicological study	Marine Pollution Bulletin					4.9	10.1016/j.marpolbul.2025.118512
1061	R.G., Maske, Rutuja Ganesh; V.S., Patil, Vijay Shivaji; B.C., Mataghare, Bhairav Chandroday; V.D., Channe, Vaibhav Devidas; P.R., Yadav, Piyush Radheshyam; S.R., Giradkar, Sakshi Ravindra; A., Chowdhury, Asmita; N.S., Chawade, Nitesh S.; A., Senthil Kumar, Annamalai; D.S., Patle, Dipesh Shikchand	Exceptional ambient temperature photocatalytic valorization of glycerol to triacetin: advancing sustainability to enhance low temperature properties of diesel-biodiesel-triacetin blend	Molecular Catalysis					4.9	10.1016/j.mcat.2025.115384
1062	M., Shobika, Murugesan; S.M., Roopan, S. M.; J., Madhavan, Jagannathan	Blue LED-induced photocatalytic ?Click? reaction facilitated by CuO/Bi2WO? for synthesising 1,4-disubstituted 1,2,3-triazoles	Molecular Catalysis					4.9	10.1016/j.mcat.2025.115429
1063	J., Rajkumar, Jenifer; C.D., Nagarajan, Chitra Devi	Divergent impact of green and non-green technological innovations on the dynamics between renewable energy, economic growth, and the environment	Sustainable Futures					4.9	10.1016/j.sftr.2025.101156

1064	M.S., Hussain, Md Sadique; A.J., Rana, Amita Joshi; J.R., Mekala, Janaki Ramaiah; P., Balakrishnan, Purushothaman; S., Arumugam, Sivakumar; G., Gupta, Gaurav; P.S., Ramalingam, Prasanna Srinivasan	ADVANCING VISION: GENE THERAPY INNOVATIONS FOR X-LINKED RETINITIS PIGMENTOSA (XLRP)	EXCLI Journal					4.9	10.17179/excli2025-8593
1065	A., J K, Annapurna; B.R., Lokavarapu, Bhaskara Rao	Acoustic metamaterials: An alternate for noise, vibration, and harshness problems	Sensors and Actuators A: Physical					4.9	10.1016/j.sna.2025.116937
1066	M., Madhavaraj, M.; K., Karthikeyan, Kothandapani	Assessment of waste-to-energy strategies for municipal solid waste landfills in Chennai: A case study using energy-economic-environmental (3E) approach	Cleaner Environmental Systems					4.9	10.1016/j.cesys.2025.100321
1067	V.J., Abhiraman, V. J.; N., Khandelwal, Nimish; R., Krishnaiah, Ravi; S.K., Behera, Shishir Kumar; A., Kumar, Ashutosh	Comparative life cycle assessment of lithium iron phosphate and nickel manganese cobalt batteries for electric vehicles: An Indian perspective	Energy for Sustainable Development					4.9	10.1016/j.esd.2025.101837
1068	N.H., Riyaz Khan, N. H.; S.V., Kumar, Selvaraj Vasantha	LiDAR-Based Pothole Patching Quantity Estimation and Cost Saving Analysis Using Segmented TIN Model	Civil Engineering Journal (Iran)					4.9	10.28991/CEJ-2025-011-07-021

1069	N., Kuruthukulangara, Nethra; I.V., Asharani, I. V.	Facile Green Synthesis of Cerium Oxide Nanoparticles for UV-Activated Photocatalytic Treatment of Rhodamine B Dye	Journal of Inorganic and Organometallic Polymers and Materials					4.9	10.1007/s10904-025-04022-w
1070	P., Mallanagoudra, Priyanka; S.S., M Ramakrishna, Sai Samanvitha; S., Jaiswal, Sowmya; D., Keshava Prasanna, Dhruthi; R., Seetharaman, Rithika; A., Palaniappan, Arunkumar; S., Kini, Sudarshan	Progressive Hydrogel Applications in Diabetic Foot Ulcer Management: Phase-Dependent Healing Strategies	Polymers					4.9	10.3390/polym17172303
1071	B., Matovu, Baker; T.A., Mim, Tahmina Akther; B., Lutalo, Bernard	Where and how can Africa and India leverage the blue economy opportunities of the Indian Ocean region as a driver for sustainable development and partnerships?	Sustainable Futures					4.9	10.1016/j.sftr.2025.101218
1072	A.V., Jose, Arun V.; S., Shrivastava, Sonam	The advancements and research trends in state of health estimation for lithium-ion batteries over the last two decades: A bibliometric examination of prospective trends	Sustainable Futures					4.9	10.1016/j.sftr.2025.101332
1073	S, R.S.; R, B.	A hybrid image processing and graph neural networks for malaria detection in blood smears	Biomedical Signal Processing and Control	113				4.9	10.1016/j.bspc.2025.108961

1074	G, S.; N, A.P.	A modularized active cell balancing of lithium-ion battery packs using buck-boost converter for electric vehicle applications	Computers and Electrical Engineering	128				4.9	10.1016/j.compeleceng.2025.110736
1075	Bhuvaneswari, P.; Sriramalakshmi, P.	A numerical approach of HTL-free FA0.75Cs0?25SnI3/KSnI3 based heterojunction perovskite solar cell with various ETLs and HTLs using SCAPS-1D	Journal of Physics and Chemistry of Solids	209				4.9	10.1016/j.jpcs.2025.113245
1076	Selvam, C.; Sundaram, D.	An intelligent low-light image enhancement model using intuitionistic fuzzy generator and genetic algorithm validated through MCDM	Computers and Electrical Engineering	128				4.9	10.1016/j.compeleceng.2025.110730
1077	Jayavel, J.; Shanmugam, L.	Fixed-Time Synchronization of Leaderless and Leader-Following Multi-Agent Networks With Delayed Impulses	IEEE Transactions on Signal and Information Processing over Networks					4.9	10.1109/TSIPN.2025.3614477
1078	Varun Kumar, T.H.; Muthukumar, M.; Murugavelh, M.	Statistical Optimization of Blending Conditions and Performance Evaluation of Optimal Bio-Asphalt Content	Civil Engineering Journal (Iran)	11	8	3330	3357	4.9	10.28991/CEJ-2025-011-08-014
1079	Siva, K.; Visuvasam, J.A.	Web-Crippling Behaviour of Cold-Formed Screw Fastened Rectangular Hollow Flange Z-Section Beams Under Two-Flange Load Cases	Civil Engineering Journal (Iran)	11	8	3186	3207	4.9	10.28991/CEJ-2025-011-08-07

1080	Patel, U.; Chakraborty, S.	Global overview of agrivoltaic system: The future security for food and energy	Energy for Sustainable Development	89				4.9	10.1016/j.esd.2025.101870
1081	Venkatesh, V.; Angalaeswari, S.; Sekar, A.	ASNet: Attention-stacked deep network for ECG-based cardiac rhythm classification	Biomedical Signal Processing and Control	113				4.9	10.1016/j.bspc.2025.109225
1082	Manisha; Verma, N.; Poply, G.; Majumder, T.; Bori, J.; Kumar, D.; Hmar, J.J.L.	Flexible, ultrafast and low-power artificial synapse device based on gold-doped ZnO?NiO/PVA nanocomposites resistive switching memory for brain-inspired computing	Journal of Physics and Chemistry of Solids	210				4.9	10.1016/j.jpcs.2025.113371
1083	Gupta, S.; Chaki, J.	A spatio-channel attentive residual encoder-decoder network for semi-supervised colorectal polyp segmentation with pipeline-based data augmentation	Biomedical Signal Processing and Control	113				4.9	10.1016/j.bspc.2025.108995
1084	Choudhary, N.; Akhtar Hasnain, M.A.; Gautam, R.; Saravanamurugan, S.; Kanakkampalayam Krishnan, C.	Selective production of furfuryl alcohol from furfural over yttrium aluminates ? effect of Y/Al ratio in modulating acidic-basic sites	Molecular Catalysis	589				4.9	10.1016/j.mcat.2025.115589
1085	Lakshmi Priya, R.; Hariprasad, B.S.; Ganesh Babu, S.	Shape dependency in catalysis: A comprehensive review on synthesis and design of facet-engineered metal oxide catalysts for efficient organic transformation	Molecular Catalysis	588				4.9	10.1016/j.mcat.2025.115552

1086	Hemalatha, K.; Aravindraj, A.D.; Vardhan, P.R.V.; Hari Hara Sudhan, S.	Mutual Information Clustering and Segmentation framework with Masking Noise Few-Shot Domain Adaptation ResNet for multi-modal brain tumor classification	Biomedical Signal Processing and Control	114				4.9	10.1016/j.bspc.2025.109290
1087	Arun, V.; Stonier, A.A.; Peter, G.; Iderus, S.	A quadratic voltage boost switched capacitor inverter (QVBSCI) with single voltage source	Computers and Electrical Engineering	130				4.9	10.1016/j.compeleceng.2025.110856
1088	Ajay, A.; Karthik, K.; Bisht, A.S.; Uppuluri, P.	BoneVisionNet: A deep learning approach for the classification of bone tumours from radiographs using a triple fusion attention network of transformer and CNNs with XAI visualizations	Computerized Medical Imaging and Graphics	127				4.9	10.1016/j.compmedimag.2025.102668
1089	W, A.B.; Sandhya, M.; X, A.R.; Leninisha, L.	SES-Glass: A Smart Eye Sensor based Wearable Retinal Glass for AMD disease classification via bi-directional CNN	Biomedical Signal Processing and Control					4.9	10.1016/j.bspc.2025.108206
1090	Venugopal A., Edwin Sudhagar P., Senthamizh Selvan S., Murugan R., Suthanthiraveerappa V., Hiremath V.S.	Enhancing the flexural behavior of GFRP single-lap co-cure joints reinforced with multi-reinforcements	Polymer Composites					4.8	10.1002/pc.29503
1091	Karthikeyan N., Naveen J., Rajesh M., Reddy D.M.	Secondary bonded and co-bonded CFRP composite joints with innovative lamination technique: Flexural and failure analysis	Polymer Composites					4.8	10.1002/pc.29498

1092	Karthikeyan N., Naveen J.	Enhancing the performance of CFRP composite joints through a hybrid approach: Geometric modification (stepped adherends) and adhesive modification	Polymer Composites					4.8	10.1002/pc.29482
1093	Hussain S.S., Kingsley J.D.	Metabolomics and proteomics: synergistic tools for understanding snake venom inhibition	Archives of Toxicology					4.8	10.1007/s00204-024-03947-4
1094	Angelin J.; Kavitha M.	Structural characterization and in vitro anti-inflammatory activity of exopolysaccharide produced by Pediococcus pentosaceus 4412	International Immunopharmacology	150				4.8	10.1016/j.intimp.2025.114301
1095	M.P.G K.; A R.A.; Mohanty C.P.; Chauhan A.S.	Hot corrosion behaviour and experimental investigation of Haynes 25 superalloy	Emergent Materials					4.8	10.1007/s42247-025-01030-x
1096	Nandhini G.; Shobana M.K.; Saravanan P.; Joseyphus R.J.; Sriram J.; Dasgupta T.; Venkatraman M.	Enhancing the magnetic hyperthermia characteristics and cytotoxicity analysis of biphasic MnFe2O4/NiO nanocomposites	Emergent Materials					4.8	10.1007/s42247-025-01021-y
1097	Onker V.; Singh K.K.; Lamkuche H.S.; Kumar S.; Sharma V.S.; Chowdhary C.L.; Kumar V.	Harnessing machine learning for academic insight: A study of educational performance in Bhopal, India	Education and Information Technologies					4.8	10.1007/s10639-025-13357-3
1098	Venugopal A.; Edwin Sudhagar P.; Daniel R C.; Dhilipkumar T.	Evaluation of material properties and vibration analysis of a co-cure single-lap composite plate joint with graphene-reinforced adhesive	Polymer Composites					4.8	10.1002/pc.29675

1099	Jayachandiran G.; Ramamoorthy M.	Free and forced vibration analysis of functionally graded composite beam with graphene filler reinforcement—experimental and simulation study	Polymer Composites					4.8	10.1002/pc.29766
1100	Zaman M.; Mohamed Jasim K.; Hasan R.; Akter S.; Vrontis D.	Understanding customers' intentions to use AI-enabled services in online fashion stores – a longitudinal study	International Marketing Review					4.8	10.1108/IMR-04-2024-0118
1101	Kandasamy J.; Vimal K.E.K.; Singh A.P.; Magnani A.; Gokhale A.; Jagtap S.	Analysis of key challenges to implementation of FEFO in perishable food supply chain	Journal of Agriculture and Food Research	21				4.8	10.1016/j.jafr.2025.101848
1102	Naveen Kumar M.; Vijaya Kumar K.R.; Suresh G.; Chinnathambi Muthukaruppan M.; Vezhavendhan R.; Chandramohan P.; Rathinasabapathi G.	An inclusive study on hygrothermal aging effects on tribological and physical properties of E-glass fiber reinforced interpenetrating polymer networks (IPNs) composites	Polymer Composites					4.8	10.1002/pc.29776
1103	Kumar D.; Aditya Y.N.; Prashanth K.G.; Suwas S.	Evolution of site-specific solidification microstructure and texture during additive manufacturing of stainless steel 316L by laser powder bed fusion	Materials Characterization	223				4.8	10.1016/j.matchar.2025.114971
1104	Mani S.; Krishnamoorthy A.	Vibration, bending, and buckling analysis of bioinspired sandwich plates with pomelo peel-inspired core structures	Polymer Composites					4.8	10.1002/pc.29862

1105	Natesan R.; Krishnasamy P.	Parametric Optimization for Enhancing Surface Electrical Conductivity of Hybrid Functionalized Woven Natural Fiber Composites With rGO and PANI	Polymer Composites					4.8	10.1002/pc.30035
1106	Sivaraj N.; Ammaiyappan A.B.S.	Enhancing the photo-electrochemical hydrogen evolution efficiency of Zirconium-Metal-Oxide framework heterojunction by Solvothermal method	Emergent Materials					4.8	10.1007/s42247-025-01117-5
1107	Dasgupta S.; Noor A.	Citrus sinensis enriched polyphenols loaded alginate microspheres: Characterization, stability, in vitro release, bio-accessibility, and biological activities	Food Bioscience	68				4.8	10.1016/j.fbio.2025.106743
1108	M. A.S.; S. R.K.	Stevia (Stevia rebaudiana Bertoni): Sweet medicine for a healthier world	Journal of Agriculture and Food Research	21				4.8	10.1016/j.jafr.2025.101980
1109	Gopinathan S.; Suthindhiran K.	Microbial contamination in the marine recreational sites and its impact on public health	Ocean and Coastal Management	267				4.8	10.1016/j.ocecoaman.2025.107757
1110	Annamalai C.; Viswanathan P.	Vitamin D and Acute Kidney Injury: A Reciprocal Relationship	Biomolecules	15	4			4.8	10.3390/biom15040586
1111	Vasudevan M.; Ramamoorthy M.	Investigation of Energy Absorption and Failure Behavior of MWCNT-Reinforced GFRP Panels Under Quasi-Static and Dynamic Impact Load Conditions	Polymer Composites					4.8	10.1002/pc.30122

1112	Gandi R.; Parida S.; Mahato K.K.; Bera M.; Mukherjee S.; Prusty R.K.; Ray B.C.	Effects of Recycling on the Elevated Temperature Bending and Creep Response of Regenerated Glass Fiber Reinforced Epoxy Composites	Polymer Composites					4.8	10.1002/pc.70027
1113	Balaji S.; Rajesh M.; Dhilipkumar T.; Arumugam S.	Evaluating the Influence of APTES-Treated Glass Powder on Shear and Vibrational Characteristics of Co-cured Composite Joints	Polymer Composites					4.8	10.1002/pc.70035
1114	Balaji S.; Rajesh M.; Dhilipkumar T.; Arumugam S.	Performance Enhancement of Epoxy-Adhesive Co-Cured Joints With GPTMS-Modified Stainless Steel Mesh: A Comparative Study of Interleaved and Conventional Reinforcements	Polymer Composites					4.8	10.1002/pc.70048
1115	Fathima M.D.; Raja S.P.; Jayanthi K.; Hariharan R.	OptiStack classifier: optimized stacking framework with ensemble feature engineering for enhanced cardiovascular risk prediction	Inflammation Research	74	1			4.8	10.1007/s00011-025-02039-y
1116	Esfanddarani H.M.; Panigrahi M.	Sustainable electrochemical exfoliation of graphite rods from discharged dry cell battery to reduced graphene oxide assisted by plant-mediated hydrothermal process	Emergent Materials					4.8	10.1007/s42247-025-01116-6

1117	Esfanddarani H.M.; Panigrahi M.	Development of an ex-situ two-step hydrothermal-assisted technique for biosynthesis of ZnO-Ag hybrid nanocomposite loaded into physically crosslinked polyvinyl alcohol/chitosan hydrogel for photocatalytic degradation of azo dyes	Emergent Materials					4.8	10.1007/s42247-025-01120-w
1118	k S.; M U.R.	Enhancement of PPC-PVdF blend electrolyte properties via incorporation of WO3 nanoparticles for advanced energy storage applications	Emergent Materials					4.8	10.1007/s42247-025-01157-x
1119	Kumari P.; Kumar S.R.	A review on phyto active compounds of moringa for health benefits and as a resilience in climate change	Journal of Agriculture and Food Research	22				4.8	10.1016/j.jafr.2025.102090
1120	A., Vinod, Anjana; D., Arvindha Babu, Diraviam; W., Madhuri, W.	Near room temperature magnetocaloric effect in Co: LaFe13-xSix ribbons through melt Spinning: Boosting dTFWHM and Curie temperature	Intermetallics	185				4.8	10.1016/j.intermet.2025.108896
1121	P., Debroy, Pragnaleena; P., Majumder, Priyanka; P., Majumdar, Parijata; A., Das, Amrit; L., Seban, Lalu	Analysis of opportunities and challenges of smart aquaponic system: a summary of research trends and future research avenues	Sustainable Environment Research	35	1			4.8	10.1186/s42834-025-00255-z

1122	S., Haque, Shafiul; D.M., Mathkor, Darin Mansor; M., Wahid, Mohd; H., Suri, Harshika; F., Ahmad, Faraz	Identification of Novel Scaffolds Against GSK-3? for Targeting Alzheimer?s Disease Through Molecular Modeling Techniques	Cellular and Molecular Neurobiology					4.8	10.1007/s10571-025-01568-8
1123	K.K., Chitluri, Kiran Kumar; E.I., Arnold, Emerson Isaac	Integrative genomic analysis identifies DPP4 inhibition as a modulator of FGF17 and PDGFRA downregulation and PI3K/Akt pathway suppression leading to apoptosis	Frontiers in Pharmacology					4.8	10.3389/fphar.2025.1606914
1124	P.S., Ramalingam, Prasanna Srinivasan; G., Chellasamy, Gayathri; M.S., Hussain, Md Sadique; K.M., Gothandam, Kodiveri Muthukaliannan; T., Hussain, Tajamul; S.A.H., Alrokayan, Salman A.H.; K., Yun, Kyusik; J.R., Mekala, Janaki Ramaiah; S., Arumugam, Sivakumar	Synergistic anticancer effects of camptothecin and sotorasib in KRAS-mutated pancreatic ductal adenocarcinoma	Frontiers in Pharmacology					4.8	10.3389/fphar.2025.1635449
1125	S., Sundhar, Shyam; R., Sharma, Riya; P., Maheshwari, Priyansh; S.R., Kumar, Suvidha Rupesh; T.S., Kumar, T. Sunil	Enhancing leaf disease classification using GAT-GCN hybrid model	Frontiers in Plant Science					4.8	10.3389/fpls.2025.1569821

1126	N., Chengebroyen, Neevashini; A., Seelan, Anmol; K., Yoonus Thajudeen, Kamal; S.A., Alshehri, Saad Ali; A., Biswas, Aritra; I., Adur, Israrahmed; S., Vino, S.; S., Lulu Sudhakaran, Sajitha; H., Singh, Harpreet	Harnessing nanotechnology for stem-cell therapies: revolutionizing neurodegenerative disorder treatments ? a state-of-the-art update	Frontiers in Pharmacology					4.8	10.3389/fphar.2025.1630475
1127	P.P., Mahapatra, Pritam Paramguru; D., Bae, Dong-won; M., Notaguchi, Michitaka; S., Muneer, Sowbiya	Grafting enhances drought stress tolerance by regulating the proteome and targeted gene regulatory networks in tomato	Frontiers in Plant Science					4.8	10.3389/fpls.2025.1591437
1128	V., Kumar, Varun; B.P., Kushwaha, Bijay Prasad	Advancing sustainable tourism through virtual reality technology: a?systematic literature review using the ADO framework	Journal of Hospitality and Tourism Insights					4.8	10.1108/JHTI-04-2025-0482
1129	Mohan Kumar, D.; Talwar, P.	Amyloid-?, Tau, and ?-Synuclein Protein Interactomes as Therapeutic Targets in Neurodegenerative Diseases	Cellular and Molecular Neurobiology	45	1			4.8	10.1007/s10571-025-01604-7
1130	Mohan Kumar, D.; Talwar, P.	Neurotherapeutics across blood?brain barrier: screening of BBB-permeable and CNS-active molecules for neurodegenerative disease	Frontiers in Pharmacology	16				4.8	10.3389/fphar.2025.1616144

1131	Ramasamy, R.; Subramanian, S.; Abhinaya, V.	Critical review of cellulosic microfiber pollution: assessing abundance, sources, and treatment effects on environmental degradation	Cellulose					4.8	10.1007/s10570-025-06793-4
1132	D, V.; S, R.K.	Marigold breeding in India: a comprehensive review of genetic advances, techniques and future prospects	Frontiers in Plant Science	16				4.8	10.3389/fpls.2025.1619375
1133	Thirathipviwat, P.; Muraki, R.; Onuki, W.; Minami, D.; Vishnu, J.; Raheem, A.; Praveenkumar, K.; Manivasagam, G.; Kobayashi, E.; Hasegawa, M.	Texture control in new biomedical Nb30Ti30Zr30Cr5Mo5 medium entropy alloy through high temperature uniaxial compression for Young's modulus reduction	Intermetallics	188				4.8	10.1016/j.intermet.2025.109062
1134	Behera, M.K.; Ittisamai, P.; Pongkitivanichkul, C.; Uttayarat, P.	Phenomenology of inverse seesaw using S3 modular symmetry	European Physical Journal C	85	11			4.8	10.1140/epjc/s10052-025-15017-9
1135	Kalla Veedu, A.; Vijayakumar, S.; Joseph, H.A.; Thomas, J.	Impact of gut probiotic metabolites on phenylketonuria	Frontiers in Cellular and Infection Microbiology	15				4.8	10.3389/fcimb.2025.1682110
1136	Juliet, R.; Ramesh, R.	Carbapenem-resistant Klebsiella pneumoniae from clinical infections: a multifactorial analysis of resistance, virulence, and biofilm potential	Frontiers in Cellular and Infection Microbiology	15				4.8	10.3389/fcimb.2025.1712034

1137	S.; Bae, D.W.; Prakash, M.A.S.; Muneer, S.	Silicon fertigation alleviates salinity stress by enhancing morpho-physiological, photosynthetic, antioxidative responses, and yield in mung bean (Vigna radiata L.) varieties Co7(Gg) and Co8 under pot and field conditions	Frontiers in Plant Science	16				4.8	10.3389/fpls.2025.1693710
1138	Mundhe, A.K.; Reena Rajkumari, R.	Overcoming antifungal resistance in Candida albicans via RNA interference: a therapeutic perspective	Frontiers in Cellular and Infection Microbiology	15				4.8	10.3389/fcimb.2025.1675921
1139	Ramalingam, P.S.; Afzal, M.; Babu, M.A.; Rekha, M.M.; Sahoo, S.; Pandey, S.N.; Goyal, K.; Hussain, M.S.; Gupta, G.; Balakrishnan, P.; Arumugam, S.	CXCR4-targeted therapy in lung cancer: plerixafor as a promising antimetastatic agent	Frontiers in Pharmacology	16				4.8	10.3389/fphar.2025.1683585
1140	Dangeti L.S.N., R. M.	Distributed model predictive control strategy for microgrid frequency regulation	Energy Reports	13		1158	1170	4.7	10.1016/j.egyr.2024.12.071
1141	Ramya V., Marimuthu R.	Design and implementation of three-port non-isolated hybrid converter for integration of grid and battery	Energy Reports	13		960	972	4.7	10.1016/j.egyr.2024.12.060

1142	Hou X.; Dubessay P.; Christophe G.; Bridiau N.; Bodet P.-E.; Traikia M.; Raja M.D.; Maugard T.; Štrancar A.; Audonnet F.; Michaud P.; Pierre G.	Development of a Dual-Stage CIM® CDI Reactor with Immobilized Glucuronan Lyases and Laccases for Sustainable Synthesis of Antioxidant Phenolized Oligoglucuronan	Polysaccharides	5	4	743	760	4.7	10.3390/polysaccharides5040047
1143	Srinivasan S., Shanthakumar S., Ashok B.	Sustainable lithium-ion battery recycling: A review on technologies, regulatory approaches and future trends	Energy Reports	13		789	812	4.7	10.1016/j.egyr.2024.12.043
1144	Balamurali D.; Chakankar S.; Sharma G.; Pagey A.P.; Natarajan M.; Shaik S.; Gnanavendan S.; Arıcı M.	A solar-powered, internet of things (IoT)-controlled water irrigation system supported by rainfall forecasts utilizing aerosols: a review	Environment, Development and Sustainability					4.7	10.1007/s10668-024-05953-z
1145	Baiju B.V.; Kirupanithi N.; Srinivasan S.; Kapoor A.; Mathivanan S.K.; Shah M.A.	Robust CRW crops leaf disease detection and classification in agriculture using hybrid deep learning models	Plant Methods	21	1			4.7	10.1186/s13007-025-01332-5
1146	M. A.; Das D.	Sustainable energy transitions: Evaluating microalgal biodiesel feedstocks using multi-criteria decision making techniques	Energy Reports	13		4163	4181	4.7	10.1016/j.egyr.2025.03.027
1147	Shevanthe Sekar; Sathiyamoorthy E.	Advancing environmental sustainability in agriculture through AI: a study on the SRGA-CGG algorithm	Environment, Development and Sustainability					4.7	10.1007/s10668-025-06233-0

1148	Kumar T.S.; Indragandhi V.; Ashok B.; Rajagopal B.; Neeraj S.B.	An emerging scenario for adopting electric vehicles in developing countries: A framework for the exploration of customer anticipation	Energy Reports	13		5900	5914	4.7	10.1016/j.egyr.2025.05.036
1149	Senthil Pandi S.; Pounambal M.; G J.; Vellingiri J.; ArivuSelvan K.	Advancing agricultural sustainability with gradient weighted Densenet-201 model for accurate detection of plant leaf diseases	Environment, Development and Sustainability					4.7	10.1007/s10668-025-06314-0
1150	Nadeem S.P.; Kandasamy J.; K.E.K V.; Sivakumar K; Sebastian M.T.	Identifying the barriers in implementing circular strategies in casting industries for achieving sustainable development goals	Environment, Development and Sustainability					4.7	10.1007/s10668-025-06398-8
1151	Yadav V.V.; Balasubramaniyan S.	Synchronization stability and control strategies for PMSG-based wind energy systems under grid fault conditions	Energy Reports	13		6148	6160	4.7	10.1016/j.egyr.2025.05.052
1152	Priya P.; Stonier A.A.	Emerging innovations in solar photovoltaic (PV) technologies: The perovskite solar cells and more	Energy Reports	14		216	242	4.7	10.1016/j.egyr.2025.06.003
1153	Niranjana V.S.; Ponnan S.; Mukundan A.; Prabu A.A.; Wang H.-C.	Emerging Trends in Silane-Modified Nanomaterial–Polymer Nanocomposites for Energy Harvesting Applications	Polymers	17	10			4.7	10.3390/polym17101416

1154	A., Behera, Alok; K.K., Mahato, Kishore Kumar; J., Dehury, Janaki; Y.R., Sahoo, Yashashree Ranjan; N.K., Bhoi, Neeraj Kumar	Effect of Harsh Aging Conditions on Static and Fatigue Performance of Hybrid Jute-Kevlar Composite-to-Aluminum Bolted/Bonded/HBB Joints	Polymer Composites					4.7	10.1002/pc.70144
1155	S., Venkatappagari, Siddalingappa; R.R., Mutra, Rajasekhara Reddy	Experimental Study on the Mechanical Behavior of Flat-Joggle-Flat Joints Bonded With GNP/CNT Modified Adhesives	Polymer Composites					4.7	10.1002/pc.70176
1156	H.S., Maurya, Himanshu S.; R., Kumar, Rahul; S.A., Kumar, Subramaniyan Anand; M., Tarraste, Marek; A., Hussain, Abrar; R., Rahmani, Ramin; K., Juhani, Kristjan; F., Sergejev, Fjodor; K.G., Prashanth, K. G.	Sliding wear and debris evolution in LPBFed ceramic-reinforced steel composites under variable loads and temperatures	Materials Chemistry and Physics	345				4.7	10.1016/j.matchemphys.2025.131195
1157	V., Sundharaj, Vijayabharathi; S., Sarveswari, S.	Synthesis, DFT, Molecular docking and Photophysical studies of novel benzimidazole appended pyrrolidine derivatives	Journal of Molecular Structure	1345				4.7	10.1016/j.molstruc.2025.142971

1158	R.C., Deokar, Rhushikesh C.; S., Devi C, Subathra; R., K, Ramanathan; T., R, Thrilokraj; S., Sinha, Saikat; R.V., Singh, Ravindra Vikram; M., V, Mohanasrinivasan; R.B., Dateer, Ramesh B.	Design, synthesis and evaluation of antibacterial activity with library of N, O and S-containing heterocyclic compounds	Journal of Molecular Structure	1347				4.7	10.1016/j.molstruc.2025.143207
1159	K., Ravikumar, Kavinkumar; M.S., Dangate, Milind Shrinivas	Design, synthesis and theoretical studies of imidazole and pyrrole fluorophores for enhanced OEDs performance	Journal of Molecular Structure	1347				4.7	10.1016/j.molstruc.2025.143268
1160	K., Adhigaman, Kaviyarasu; S.S., Ramasamy, Sentamil Selvi; V., Nandakumar, Vandana; G.K., Muthukaliannan, Gothandam Kodiveri; V.P., Rakkappan, Vishnu Priya; S., Vellaisamy, Seenivasan; M., Saravanakumar, M.; S., Thangaraj, Suresh	Investigation of 3-Arylidene-2,3-dihydro-8-nitro-4-quinolone Di-Spiro analogs: Structural elucidation, In-Silico molecular modeling and In-Vitro cytotoxicity against A549 lung cancer cells	Journal of Molecular Structure	1348				4.7	10.1016/j.molstruc.2025.143451

1161	V.K., Agrahari, Vivek Kumar; A., Bhuin, Abhik; A., Yadav, Ankur; S., Sarkar, Sujoy; S., Sadhu, Subha; D.S., Pandey, Daya Shankar	Efficacy of Methylammonium Iodobismuthate: A Green Catalyst for Reduction of Nitrate to Ammonia	Inorganic Chemistry					4.7	10.1021/acs.inorgchem.5c02618
1162	S., Chinnathambi, Shanmugavel; M., Kumar, Mahima; B., Dutta, Basudeb; S., Karthikeyan, Subramani; S., Kandasamy, Saravanan; S., Kmiecik, Sebastian; T., Vaijayanthi, Thangavel; G.N., Pandian, Ganesh N.	Structural Impact of Anthracene-Appended Mn-MOF on Human Serum Albumin and Its Cellular Implications	ACS Applied Bio Materials					4.7	10.1021/acsabm.5c00887
1163	G., Chandrashekar, Girish; S., Madhavanunni Rekha, Sreelakshmi; S.V., Bhat, S. Venkataprasad; R.M., Thamankar, Ramesh M.	Quantum Conductance in MoO3/TiO2 Heterojunction Memristors: Crafting Controlled Analog-to-Digital Transition for Multilevel Memory Applications	ACS Applied Electronic Materials					4.7	10.1021/acsaelm.5c00341

1164	A.B., Mishra, Amrita Bharati; R.M., Thamankar, Ramesh M.	Wavelength dependent bidirectional photoconductivity in carbon quantum dot embedded in indigo molecular layer with enhanced detectivity	Materials Advances	6	15	5210	5220	4.7	10.1039/d5ma00439j
1165	S., Sara Koshy, Soumya; L.J., Anbarasi, L. Jani	HMA-Net: a hybrid mixer framework with multihead attention for breast ultrasound image segmentation	Frontiers in Artificial Intelligence	8				4.7	10.3389/frai.2025.1572433
1166	G., Arunkumar, G.; D., Akepati, Deepa	Enhancing Vibration Damping in Automotive Structures: Impact of MWCNT/Silicone Core on Homogeneous Hybrid Sandwich Composite Performance	Polymer Composites					4.7	10.1002/pc.70204
1167	S., Revathi, Shanmugam; T.K., Ghatak, Tapas Kumar; B., Karthick, Babu; A., Sarbajna, Abir; A.R., Maity, Amit Ranjan; N., Fridman, Natalia	Efficient dinuclear Co(II) and Ni(II) catalysts: Enhancing azide-nitrile cycloaddition and catalytic insights for the synthesis of Mono, Bis, and Poly tetrazoles	Journal of Molecular Structure					4.7	10.1016/j.molstruc.2025.143419

1168	S.K., Mohamed, Shaaban Kamel; M.A., Ashfaq, Muhammad Awais; S., Karthikeyan, Subramani; E., Khamies, Esraa; E.A.G., Bakhite, Etify Abdel Ghafar; M.M., Hamed, Maher M.; I.S., Marae, Islam S.; A.B., Bakhtiyarovich Ibragimov, Aziz Bakhtiyarovich; C., Lai, Chinhung; Y., El Bakri, Youness	Tetrahydroisoquinoline derivative: Design, synthesis, characterization, crystal structure investigation, and computational studies approach	Journal of Molecular Structure					4.7	10.1016/j.molstruc.2025.143484
1169	R., Silpa, Roy; S., Amitha, Sunilkumar; K., Anagha, Krishnakumar; D., Chelsa, Davis; V.S., Subiksha, Vengidusamy Srinivasan; K., Logesh, Kalidoss; P., Nallasamy, Palanisami	Substituent effect in D-?-A based AIE-active ferrocene conjugated 2-cyanovinylnaphthalene chromophores for second-order nonlinear optics	Journal of Molecular Structure					4.7	10.1016/j.molstruc.2025.143513
1170	S.Y., Jadhav, Sourabh Yashwant; A., Noor, Ayesha	Computational and experimental evaluation of Dia-Care, a polyherbal ayurvedic formulation, for antidiabetic potential through ?-amylase and ?-glucosidase inhibition and gene network modulation	Journal of Molecular Structure					4.7	10.1016/j.molstruc.2025.143527

1171	A., Sekar, Anand; U.R., Muthurakku, Usha Rani; R., Shanker Babu, Ravi; S., Kumar, Sashmitha; B., Vijaya, B.; R., Vinayagamoorthy, Raji; S., Nallakumar, Santhosh; M., Darla, Manohar	Exploring physicochemical traits of a novel DSDA single crystal grown via the fusion of new diphenylamine anion for optical limiting applications	Journal of Molecular Structure					4.7	10.1016/j.molstruc.2025.143686
1172	P., Das, Priyanka; A.A., H, Ameer Abbas; S.C., Pravin, Sheena Christabel; L., P, Lekha	Tunable THz sensing for early detection of skin cancer by deep learning enabled image reconstruction	Nano Communication Networks					4.7	10.1016/j.nancom.2025.100585
1173	C., Goel, Chirag; X., Anita, X.; L., Jani Anbarasi, L.	Federated knee injury diagnosis using few shot learning	Frontiers in Artificial Intelligence					4.7	10.3389/frai.2025.1589358
1174	U., Nandy, Urmica; M.A.K., Azad, Mandal Abul Kalam; Pranav	Nanomaterial-Mediated Nucleic Acid Delivery for Pancreatic Cancer Therapeutics	ACS Applied Bio Materials					4.7	10.1021/acsabm.5c00968
1175	U.R., R, Udaya Rajesh; M., Selvaraj, Manickam; D., Sangeetha, Dhanaraj	Design, synthesis, and spectroscopic characterization of novel quercetin schiff base derivatives: In vitro analyses on HeLa, and MCF-7 cell lines	Journal of Molecular Structure					4.7	10.1016/j.molstruc.2025.143692
1176	S., Kumar J, Sathish; F.V., Singh, Fateh Veer	Comprehensive study of naphthyl cored thiophene based stilbene derivatives: synthesis, photophysical behavior, crystallography and thermal properties	Journal of Molecular Structure					4.7	10.1016/j.molstruc.2025.144105

1177	S., Suresh, Sundararajan; P., Mohamed Imran, Predhanekar; M., Poornimaa, Murali; G., Kannayiram, Gomathi; V., Radhakrishnan, Vidya; R., Karuppasamy, Ramanathan; F., Nawaz Khan, Fazlurrahman	Synthesis of functionalized quinazolines and quinazolinones: A theoretical and experimental investigation of photophysical properties and biological activities	Journal of Molecular Structure					4.7	10.1016/j.molstruc.2025.143897
1178	A., K, Arunkumar; M., C, Manivel; S., S, Seenivasan; K., R, Kanagaraj	The impact of rice husk on abrasive water jet machining of abaca/jute hybrid composite: a study	Materials and Manufacturing Processes					4.7	10.1080/10426914.2025.2559614
1179	S., Premanand, S.; S., Narayanan, Sathiya	BlendNet: a blending-based convolutional neural network for effective deep learning of electrocardiogram signals	Frontiers in Artificial Intelligence					4.7	10.3389/frai.2025.1625637
1180	S., Karthikeyan, Shalini; R., Charan, R.; S., Narayanan, Sathiya; L.J., Anbarasi, L. Jani	Enhanced plant disease classification with attention-based convolutional neural network using squeeze and excitation mechanism	Frontiers in Artificial Intelligence					4.7	10.3389/frai.2025.1640549

1181	A.S., Varghese, Arun Sam; S., Meledath Sadanandan, Sreekanth; L.M., Thomas, Lince Mathew	Synergistic Effect on Mechanical Properties of Glass Fiber Reinforced Epoxy Composites by Simultaneous Interfacial Modification Using Graphene Oxide and Matrix Modification With Multiwalled Carbon Nanotubes	Polymer Composites					4.7	10.1002/pc.70379
1182	R., Vinayagamoorthy, Raji; S., Anand, S.; L., Poornima, L.; R.S., Babu, Ravi Shanker; M.U., Rani, Muthurakku Usha	Investigation of the growth, linear optical, and nonlinear optical (NLO) characteristics of 1-methyl-2-[2-(3,4,5-Trimethoxy-phenyl)-vinyl]-pyridinium+anthraquinone-2-sulfonate?dihydrate (TMAS) organic single crystal	Journal of Molecular Structure					4.7	10.1016/j.molstruc.2025.143900
1183	P., Manikandan, P.; K., Venkatesan, K.	Experimental investigation of micro-milling of AISI 310 fabricated by selective laser melting	Materials and Manufacturing Processes					4.7	10.1080/10426914.2025.2559618
1184	A.A., Leema, A. Anny; P., Balakrishnan, P.; G., Gopichand, G.; G., Rajarajan, G.	LMS-ViT: a multi-scale vision transformer approach for real-time smartphone-based skin cancer detection	Frontiers in Artificial Intelligence					4.7	10.3389/frai.2025.1612502
1185	N., Krishnadoss, Nivethitha; R., LokeshKumar, R.	Efficient Hyperparameter Tuning for Precise Precipitation Prediction Using EHPC Framework	Water Resources Management					4.7	10.1007/s11269-025-04319-y
1186	K., P, Krishnaraj; S.R., Reddy, Sabbasani Rajasekhara	Sustainable D-Glucose-based ibuprofen ionic liquids/salts for anti-inflammatory applications	Bioorganic Chemistry					4.7	10.1016/j.bioorg.2025.108956

1187	Ramakrishnan, K.; Reddy, Y.A.K.; Ajitha, B.	Asymmetric Electrode-Driven Self-Powered Photodetector Using Cu2-xS Film	ACS Applied Electronic Materials	7	19	9146	9158	4.7	10.1021/acsaelm.5c01539
1188	Valan, P.; Venugopal, P.	Evaluating a retrieval-augmented pregnancy chatbot: a comprehensibility?accuracy-readability study of the DIAN AI assistant	Frontiers in Artificial Intelligence	8				4.7	10.3389/frai.2025.1640994
1189	Kannan, M.R.; Maadhu, T.; Punjal, A.; Puranik, R.; Pandey, U.; Prabhu, S.S.; Girisun, T.C.S.; Bajaj, N.; Sengupta, A.; Vinitha, G.; Vijayakumar, T.	Exploration of charge transfer interaction, terahertz analysis, Z-scan and nonlinear optical properties of morpholinium 3,5-dinitrosalicylate (M35DNS): a spectroscopic and computational approach	Materials Advances					4.7	10.1039/d5ma00516g
1190	M S, P.; D, S.; Chakrabortty, A.	Lung cancer risk prediction using augmented machine learning pipelines with explainable AI	Frontiers in Artificial Intelligence	8				4.7	10.3389/frai.2025.1602775
1191	K, K.; G, H.G.	SMCFO: a novel cuttlefish optimization algorithm enhanced by simplex method for data clustering	Frontiers in Artificial Intelligence	8				4.7	10.3389/frai.2025.1677059
1192	Jannat, A.; Chinnathambi, S.; Gopinath, G.; Shano, L.B.; Karthikeyan, K.; Rajendiran, M.; Taniguchi, Y.; Pandian, G.N.	Targeted Delivery of Bezafibrate via Silica Nanoparticles Restores Mitochondrial Function and Reduces Oxidative Stress in Insulin-Resistant Cells	ACS Applied Bio Materials	8	10	8687	8707	4.7	10.1021/acsabm.5c00721

1193	Venkatesan, H.M.; Arun, A.P.	Back in the Spotlight: Metal Oxide-Based Electrospun PVDF Nanocomposites for TENGs	ACS Applied Electronic Materials	7	19	8691	8731	4.7	10.1021/acsaelm.5c01201
1194	Sultana, S.; Anwar Parvez, M.A.; Singha, N.R.; Chandan, M.R.; Rahaman, M.	Exploring Efficient Methods for Boosting Capacitance in Graphene and Hybrid Graphene-Based Supercapacitors?A Review	ACS Applied Electronic Materials	7	19	8732	8799	4.7	10.1021/acsaelm.5c01151
1195	Panda, P.; Warrier, A.; Panda, T.	Synthesis of flexible triazine core covalent organic framework for the adsorption and removal of charged dyes	Microporous and Mesoporous Materials	400				4.7	10.1016/j.micromeso.2025.113916
1196	Giridharan, K.; Singh, F.V.	Synthesis, single crystal X-ray analysis and photophysical studies analysis of functionalized tetrahydroisoquinolines	Journal of Molecular Structure	1353				4.7	10.1016/j.molstruc.2025.144626
1197	Dhanasekaran, K.; Ilakiyalakshmi, M.; Sonaimuthu, S.; Napoleon, A.A.	Thiazole-based fluorophore for cyanide ion detection: Food samples and live-cell imaging applications	Journal of Photochemistry and Photobiology A: Chemistry	473				4.7	10.1016/j.jphotochem.2025.116842
1198	Suresh Babu, P.; Pattapulavar, V.; Godwin Christopher, J.; Kandasamy, A.	Solvent-mediated structural?photophysical modulations on a halogenated bioactive Schiff base crystal	Journal of Molecular Structure	1353				4.7	10.1016/j.molstruc.2025.144693
1199	Mujthaba Aatif, A.; Ramasamy, S.K.; Bhaskar, R.; Abdul Majeed, S.; Hameed, A.S.; Zaheer Ahmed, S.; Ashok Kumar, S.K.	Pyridine-2,6-dicarbohydrazide Schiff base: a sensitive fluorescent ?turn-on' probe for Th4+ ions and potential application in Zebrafish imaging	Journal of Photochemistry and Photobiology A: Chemistry	473				4.7	10.1016/j.jphotochem.2025.116896

1200	K, K.; Ganesh, G.M.	Evaluation of Punica granatum peel as an eco-friendly green corrosion inhibitor for different structural steels in comparison with commercial inhibitors	Journal of Molecular Structure	1352				4.7	10.1016/j.molstruc.2025.144573
1201	Prithvika, S.; Anbarasi, J.; Narendra, M.	Leveraging multi-scale feature integration in UNet and FPN for semantic segmentation of lung nodules	Frontiers in Artificial Intelligence	8				4.7	10.3389/frai.2025.1682171
1202	Leema, A.; Saktheshwaran, T.; Sri, G.R.; Balakrishnan, P.	HairSentinel: a time-aware anomaly detection framework for forecasting hairfall trends using temporal fusion transformers	Frontiers in Artificial Intelligence	8				4.7	10.3389/frai.2025.1649740
1203	Aaseegha, A.; Venkataramana, V.	A hybrid framework for enhanced segmentation and classification of colorectal cancer histopathology	Frontiers in Artificial Intelligence	8				4.7	10.3389/frai.2025.1647074
1204	?egan, T.; Ju?ica, J.; Skotnicov?, K.; Pag??, M.; ?tamborsk?, M.; Hors?k, L.; Hajnys, J.; M?s??ek, J.; Prashanth, K.G.	Preparation of a Ti?Al?Si based intermetallic alloy from Ti6Al4V and AlSi10Mg powders by laser powder bed fusion and hot isostatic pressing	Materials Advances	6	23	9133	9149	4.7	10.1039/d5ma00139k
1205	Sivaranjani, N.; Jayabharathy, J.	Legal Logit Model for predicting judicial disagreement in Indian courts	Frontiers in Artificial Intelligence	8				4.7	10.3389/frai.2025.1671474

1206	Navalgund, A.S.; Bharath, H.; Venkatesan, K.	Experimental investigation and optimization of laser processing parameters on honeycomb texture fabrication on tungsten carbide (WC)	Materials and Manufacturing Processes					4.7	10.1080/10426914.2025.2566501
1207	Sasikumar, A.; Leema, A.A.; Balakrishnan, P.	Data-driven pit stop decision support for Formula 1 using deep learning models	Frontiers in Artificial Intelligence	8				4.7	10.3389/frai.2025.1673148
1208	Sethuram, L.; Natarajan, N.	PDGF-loaded eugenol-impregnated biocompatible nanofibrous scaffolds for enhanced diabetic wound healing and vascularization	Materials Advances	6	24	9437	9464	4.7	10.1039/d5ma00322a
1209	Vinod, A.; Arvindha Babu, D.A.; Muthuvel, M.R.; Srinath, S.; Madhuri, W.	Correlating critical behaviour and the magnetocaloric effect in Fe?Hf?Zr?B?Cu metallic glasses	Materials Advances	6	24	9505	9515	4.7	10.1039/d5ma00922g
1210	Anusha, N.; Anbarasi, L.J.	Crack detection in structural images using a hybrid Swin Transformer and enhanced features representation block	Frontiers in Artificial Intelligence	8				4.7	10.3389/frai.2025.1655091
1211	Leema, A.A.; Balakrishnan, P.; Kiruba, G.G.; Rajarajan, G.; S.; P.	SeismoQuakeGNN: a hybrid framework for spatio-temporal earthquake prediction with transformer-enhanced models	Frontiers in Artificial Intelligence	8				4.7	10.3389/frai.2025.1690476

1212	K.; R.; U.; Mahalingam, G.; Vijayakumar, S.; Vinothini, C.; Gomathi, T.; Rekha, V.	Bioengineered vancomycin-loaded chitosan/collagen nanocomposite from Sphyrna lewini: Antioxidant, antimicrobial, and antidiabetic applications in wound healing	Bioorganic Chemistry	168				4.7	10.1016/j.bioorg.2025.109352
1213	John, D.; S.C.R.; Ethiraj, E.K.; Kannadasan, S.; Sorrentino, A.; Sambandam, A.	Synthesis and EGFR binding evaluation of various substituted aurones via molecular docking approaches	Bioorganic Chemistry	169				4.7	10.1016/j.bioorg.2025.109387
1214	Ravikumar, K.; Dangate, M.S.	Design, one-pot synthesis, single-crystal XRD, spectral and computational analysis of Bipolar Cyanophenyl-Imidazole Derivatives as electron-transport and NLO materials	Journal of Molecular Structure	1354				4.7	10.1016/j.molstruc.2025.144832
1215	Mingxian, J.; Ahmad, G.; Alam, F.; Bostani, A.	Halal food and non-muslim Indian consumers: understanding the role of trust, attitude and electronic word of mouth in purchase decisions	Journal of Islamic Marketing			1	22	4.7	10.1108/JIMA-06-2025-0397
1216	Illanad, G.H.; Rithvik, A.; Rasool, M.	Fibroblast growth factor 2 in the hotbed of rheumatoid arthritis pathogenesis	International Immunopharmacology	168				4.7	10.1016/j.intimp.2025.115778
1217	Kishore R., Mukherjee A., Pawar A., Rajesh S., Siddiqah M.	TMD evolution effect on cos2ϕ azimuthal asymmetry in a back-to-back production of J/ψ and a jet at the EIC	Physical Review D	111	1			4.6	10.1103/PhysRevD.111.014003
1218	Sandhya P., Shreyaas K., Jayaraj R., Raja Rajeswari G.	Detection and classification of unwanted plants and plastics present in aquatic bodies for recycling	Management of Environmental Quality					4.6	10.1108/MEQ-10-2023-0378

1219	Urbanowicz K.; Di Nucci C.; Sharma B.K.; K. A.; Kawiak M.; Krajewski S.	Revisiting Yamaguchi-Ichikawa water hammer model	Chinese Journal of Physics	94		487	503	4.6	10.1016/j.cjph.2025.01.035
1220	Parvez R.; Vijayakumar S.; Vins A.; Ramaiah S.; Anbarasu A.; Biswas L.; Beniwal N.; Kaur H.; Muruganandam N.	Understanding the vaginal microbiome among women with different genotypes of human papillomavirus infection in remote Andaman islands	Frontiers in Cellular and Infection Microbiology	14				4.6	10.3389/fcimb.2024.1486166
1221	Singh P.; Senthilnathan K.	A review on dissipative optical solitons: A route to photo-bot	Optics and Laser Technology	187				4.6	10.1016/j.optlastec.2025.112647
1222	Kashif M.; Taneja S.; Shajar S.N.; Shamsuddin Z.; Johri A.	Fintech-driven sustainability: a QARDL analysis of renewable energy consumption and natural resource management	Management of Environmental Quality					4.6	10.1108/MEQ-12-2024-0570
1223	Sankar S.; Kalidass B.; Indrakumar J.; Kodiveri Muthukaliannan G.	NSAID-encapsulated nanoparticles as a targeted therapeutic platform for modulating chronic inflammation and inhibiting cancer progression: a review	Inflammopharmacology					4.6	10.1007/s10787-025-01760-8
1224	C. H.P.; A. D.M.G.	Mathematical modeling and analysis of the pulsating flow of the cerebrospinal fluid	Chinese Journal of Physics	96		499	510	4.6	10.1016/j.cjph.2025.05.018

1225	M., Kamali, M.; A., Chandrasekar, A.	Quantized sampled-data control for synchronization of switching stochastic neural networks with time-varying delays and random packet dropouts: Application to secure communications	Chinese Journal of Physics	97		168	187	4.6	10.1016/j.cjph.2025.06.033
1226	J., Joseph, Justin; A.K., Sahu, Anjan Kumar; J.A., Vuori, Juha A.	Securitization, three streams model and biodiversity in the Global South: A case study of Western Ghats of India	Earth System Governance	25				4.6	10.1016/j.esg.2025.100268
1227	M., P, Mahalakshmi; H.J., I, Hannah Jeniffer; N., Eswaramoorthy, Nandakumar; P., N, Punithavelan; A.N., Alodhayb, Abdullah N.; K.E., Alzahrani, Khalid Eidah; P., Saravanan, Pandiaraj; S., J.b, Sudharsan	DFT study on narrow band gap double perovskites M2SbAuCl6 (M=Cs,K,Rb) for optoelectronic and thermoelectric applications	Materials Science and Engineering: B	321				4.6	10.1016/j.mseb.2025.118483
1228	P., Velmurugan, Priyanka; P., Kanniyappan, Poovarasan; T.K., Ghatak, Tapas Kumar	Beckmann rearrangement of ketoximes for accessing amides and lactams promoted by a perimidine-2-thione supported Hg(ii) complex: a mechanistic perception	RSC Advances	15	30	24317	24330	4.6	10.1039/d5ra02843d

1229	S., Rajendran, Suruthi; R.R., Vijayaraghavan, Rajagopalan R.	Oxygen vacancies mediated enhanced photocatalytic activity of band gap engineered BaSn1-xCuxO3 towards methylene blue degradation under visible and sunlight	RSC Advances	15	30	24802	24814	4.6	10.1039/d5ra02900g
1230	S.V., Salimath, Shivabasayya V.; K.B., Hiremath, Kavita B.; M., Subramaniyan, Mahabarathi; A., Ghosh, Arjita; E., Lawrence, Evangeline; A., Moorthy, Anbalagan; M., Shivashankar, Murugesh; M., Pathak, Madhvesh	Homoleptic complexes of titanium(iv) fused with O^N^O Schiff base derivatives: design, BSA-DNA interaction, molecular docking, DFT and cytotoxicity	RSC Advances	15	31	25075	25102	4.6	10.1039/d5ra03821a
1231	S.N., Chellamuthu, Sabari Nathan; G.P., Ganapathy, G. P.	Evaluation of ground conditions and vehicle-induced vibration using Spatio-geophysical approach for the Nilgiris landslide transportation interaction corridor, Western Ghats, India	Geomatics, Natural Hazards and Risk	16	1			4.6	10.1080/19475705.2025.2532046

1232	A., Yousfi, A.; O., Saidani, Okba; Y., Belhadad, Yehya; R., Zouache, Rafik; A., Brahimi, Abdelhalim; S., Bhattarai, Sagar; G.S., Sahoo, Girija Shankar	Leveraging machine learning for the design and optimization of environmentally friendly K2CuCrCl6 perovskite solar cells	Materials Science and Engineering: B					4.6	10.1016/j.mseb.2025.118697
1233	K., Gokila, K.; P., Sakthivel, P.; M., Amutha, M.; S., Muthuraja, Soundrapandian; M.I., Fathima, M. Ismail; A., Ayeshamariam, A.; P., Asaithambi, Perumal	Enhanced CO2 sensing with In2O3-ZnO and SnO2-ZnO composite nanostructures	Results in Physics					4.6	10.1016/j.rinp.2025.108394
1234	K., Ramakrishnan, Kumar; B., R, Bhaskar; P., Jayaraj, Premkumar; R., Rajan, Reshma; A.K., S.k, Ashok Kumar; S., Karthikeyan, Sambantham; D., Rajagopal, Desikan	An ultrasensitive benzo[4,5]imidazo[1,2-a]pyrimidine-based fluorescent probe for Hg2+ and potential applications	Synthetic Metals					4.6	10.1016/j.synthmet.2025.117934
1235	S., Koner, Shramana; S., Ramasubbu, Seenivasan; C., Natarajan, Chandrasekaran	Toxicological profiling of polystyrene microplastics in raw 264.7 macrophages: Linking microplastic exposure to immune cell impairment	Toxicology					4.6	10.1016/j.tox.2025.154239

1236	P., Ganguly, Pratam; A., Manoj, Arya; S.R., Dhanushkodi, Shankar R.; H., Rao, Hita; G., Gurusamy, Gunasekaran; S., Kundu, Sumit	Electrode selection framework for oxygen evolution reaction catalysts involving density functional theory and finite element method	RSC Advances					4.6	10.1039/d5ra04486c
1237	T.T.N., Nha, Tran Thi Ngoc; S.H., Prakash, Sankar Hari; S., Mohana Roopan, Selvaraj; J.J., Samuel, James Jebaseelan; D.N., Toan, Dang Ngoc; D., Khan, Dinhthanh; D.D., Bich, Do Danh; T.D., Thanh, Tran Dang; L.T.T., Ngan, Le Thi Tuyet; H.M., Do, Hung Manh	Microwave-assisted co-precipitation synthesis of MFe2O4 nanoferrites (M = Co and Mn) using biogenic coir extract and their physical characterization	RSC Advances					4.6	10.1039/d5ra04897d
1238	R., Subramani, Raja; A.J.M., Iliyas, Ahamed Jalaludeen Mohammad; P.S., Vishnu, Paneer Selvam; A.J., Rajan, A. John; M.A., Rusho, Maher Ali; M.R.A., Refaai, Mohamad Reda A.; O.A., Adebimpe, Oluseye Adewale	Sustainable manufacturing of FDM-manufactured composite impellers using hybrid machine learning and simulation-based optimization	Materials Science in Additive Manufacturing					4.6	10.36922/MSAM025200033

1239	S.K., Sheik Moideen Thaha, S. K.; S., Panneerselvam, Sathishkumar	MXene based nanoarchitectures for organic contaminants degradation under sonophotocatalytic environment: eco-friendly synthesis, catalytic attributes and recent advancements	RSC Advances					4.6	10.1039/d5ra04096e
1240	N., Eswaramoorthy, Nandakumar; A.K., Bojarajan, Arjun Kumar; T., Chellapandi, T.; A.P., Shyma, Arunkumar Prabhakaran; S., Nallusamy, Senthilkumar; S., Sangaraju, Sambasivam; E., Vivek, E.	Advancing hybrid solar cells: A dual sensitization strategy utilizing R(OH)3 (R=La, Nd, Sm) embedded in g-C3N4 composites as photoanode	Materials Science in Semiconductor Processing					4.6	10.1016/j.mssp.2025.110020
1241	S., Rani, Sheela; S., Dhanasekar, S.	Type-2 Trapezoidal Pythagorean fuzzy number with novel entropy measure and aggregation operators extended to MCDM	Complex and Intelligent Systems					4.6	10.1007/s40747-025-02050-0
1242	S., Venkatraman, Shravan; J.S., Walia, Jaskaran Singh; P.R., Joe Dhanith, P. R.	SAG-ViT: a scale-aware, high-fidelity patching approach with graph attention for vision transformers	Complex and Intelligent Systems					4.6	10.1007/s40747-025-02043-z
1243	R., Rajeeth Kumar, R.; A.K., Jeevanantham, A. K.	Effect of high energy ball milling on the structural and soft magnetic properties of FeAlSi powders	Materials Science and Engineering: B					4.6	10.1016/j.mseb.2025.118760

1244	D., Jagankar, Damini; N., Das, Nikita; A., Mukherjee, Amitava; C., Maity, Chandan	Room-temperature synthesis of silver-based nanoparticle-embedded hydrogel material via catalytic crosslinking for recyclable dye degradation applications	RSC Advances					4.6	10.1039/d5ra03595c
1245	A., Harini, A.; I., Perumal, Ilaiyaraja	Polymeric nanomaterials as a drug delivery system for anticancer and antibacterial infections: a review	RSC Advances					4.6	10.1039/d5ra01788b
1246	K., Shanmugam, Kowsalya; S., Revathi, S.; T.K., Das, Tanmaya Kumar	SPR-based PCF sensors for next generation research: A review	Results in Physics					4.6	10.1016/j.rinp.2025.108409
1247	N.D., Chavan, Nagesh Dhanaji; S., Sarveswari, S.; V., Vijayakumar, V.	Quinoline derivatives' biological interest for anti-malarial and anti-cancer activities: an overview	RSC Advances					4.6	10.1039/d5ra00534e
1248	N., Pious, Nevil; S., Das, Sudip; A., Chakravorty, Arghya; A., Appu Mini, Aarcha; V., Raghavan, Vimala	Gatifloxacin detection in the nanoscale: a review exploring current biosensing technologies and future opportunities	RSC Advances					4.6	10.1039/d5ra04732c
1249	Nasreen Fathima, N.F.; Khraisat, A.; S P, S.I.; Li, G.	Adaptive memory replay for network intrusion detection: Tackling data drift and catastrophic forgetting	Computer Networks	272				4.6	10.1016/j.comnet.2025.111712
1250	Kurian, A.; Sumathi, S.	Facile fabrication of CaAl2O4/Bi2O3: A direct Z-scheme photocatalyst for enhanced photocatalytic degradation of congo red and enrofloxacin	Materials Science in Semiconductor Processing	202				4.6	10.1016/j.mssp.2025.110139

1251	Ugendar, K.; Mallesh, S.; Swathi, S.; Pavan Kumar, N.P.; Ramesh, M.N.V.; Markandeyulu, G.; Lee, S.-Y.; Nam, Y.-W.	On the question of relaxation time, its activation energies, and conduction mechanism of NiFe2-xLuxO4 (x@0, 5, and 7.5 %)	Materials Science and Engineering: B	323				4.6	10.1016/j.mseb.2025.118835
1252	Joshi, A.A.; Ragupathy, G.	Performance and mechanisms of waste-based carbon adsorbents in heavy metal removal - an experimental and theoretical approach	RSC Advances	15	41	34609	34634	4.6	10.1039/d5ra03863d
1253	Uma, S.; Vignesh, D.; Shobana, M.K.	Synthesis of mesoporous Nb-doped V2O5 for ethanol detection - experimental and DFT studies	Materials Science and Engineering: B	323				4.6	10.1016/j.mseb.2025.118838
1254	Sivaraj, N.; Sakthivel, K.; Kikushima, K.; Kosti?, M.D.; Dohi, T.; Singh, F.V.	Recent advances in non-conventional synthesis of N-heterocyclic compounds: emerging strategies and biological perspectives	RSC Advances	15	42	35509	35531	4.6	10.1039/d5ra06028a
1255	Shruthi, V.; Nagamani, V.; Kamaraj, S.; Thiagarajan, V.	Fluorescent multifunctional pyridine-functionalized Coumarin-fused imidazole: Ratiometric dual-mode probe for metal ion and pH sensing	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	348				4.6	10.1016/j.saa.2025.127203
1256	Nair, R.; Velvizhi, G.	Tailored g-C3N4/TiO2 photocatalysts for enhanced CO2-to-methanol conversion via RSM optimization	Materials Science and Engineering: B	324				4.6	10.1016/j.mseb.2025.119035

1257	Dinakaran, S.; Jino, A.A.C.; Cynthia Jemima Swarnavalli, G.C.J.; Uma Mahendra Kumar, U.M.K.; Bhalerao, G.M.	Structural and luminescence studies on CaMoO4:Eu3+Li+ and CaSrMoO4:Eu3+Li+ red emitting phosphors for solid state lighting applications	Materials Science and Engineering: B	324				4.6	10.1016/j.mseb.2025.118885
1258	Prasanth, A.; Narasimman, S.; Velumani, M.; Alex, Z.C.	SnO2/GO coated SPR optical fiber sensor for acetone detection in diabetes management: Experimental and theoretical studies	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	348				4.6	10.1016/j.saa.2025.127209
1259	Ragavi, S.P.; Thirumalai, D.; Radhakrishnan, V.; Asharani, I.V.	A ?turn-on? hydrazine carbothioamide-functionalized acridinedione fluorescent probe for nanomolar detection of Al3+: Applications in water, pharmaceuticals, and live-cell imaging	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	348				4.6	10.1016/j.saa.2025.127197
1260	Hemalatha, V.; Sarveswari, S.; Vijayakumar, V.	A benzylidene-amine scaffold as a colourimetric sensor for picric acid: computational studies and real-time applications using matchstick head powder	BMC Chemistry	19	1			4.6	10.1186/s13065-025-01670-4
1261	U.; S.; P.; Patri, U.	Dual-band circularly polarized dielectric resonator antenna with wide impedance bandwidth and machine learning-assisted performance prediction	Results in Physics	79				4.6	10.1016/j.rinp.2025.108531

1262	Reshma, M.S.; Singh, K.S.	Effectiveness of the ARW model in the simulation of tropical cyclones over the Bay of Bengal on a cloud-resolving scale	Geomatics, Natural Hazards and Risk	16	1			4.6	10.1080/19475705.2025.2583464
1263	Praison Jebas, E.; Palla, P.	Progress and prospects of 2-D material-based self-powered UV photodetectors: Mechanisms and device architectures	Materials Science in Semiconductor Processing	203				4.6	10.1016/j.mssp.2025.110175
1264	Alam, S.; Nag, S.K.; Jemima Naine, S.; Mohanapriya, A.; Nair, S.R.; Palanisamy, T.B.; Mohanasrinivasan, V.; Subathra Devi, C.	Antiproliferative Activity of Prodigiosin Derived From Serratia marcescens VITSD2: An In Vitro and In Silico Approach	MicrobiologyOpen	14	6			4.6	10.1002/mbo3.70106
1265	Nandhini, G.; Shobana, M.K.	Effect of Phytochemical-Mediated synthesis using Allium sativum, Zingiber officinale, and Carica papaya extracts on the Inductive heating characteristics of MnFe2O4 nanoparticles	Results in Physics	80				4.6	10.1016/j.rinp.2025.108546
1266	Das, S.; Shaw, A.; Sumaiya, M.R.; Jeeva, J.B.; Mukherjee, A.	Release study of microplastic fibres and heavy metals from disposable surgical face masks in aqueous medium: the effect of physio-chemical factors and shear forces	RSC Advances	15	46	38811	38821	4.6	10.1039/d5ra06197k

1267	Gopidesi, R.K.; Uttamrao, K.N.; Naik N, C.K.; S R, P.; Hadi, A.A.; Kumar, K.S.; Khan, T.M.Y.; Shaik, A.S.; Alamiery, A.A.	Optimization of compression ratio in LHR engine fueled with nano Al2O3-emulsified biodiesel using RSM and machine learning	RSC Advances	15	59	51178	51197	4.6	10.1039/d5ra06361b
1268	Singh, S.; Sachan, A.; Kamal, S.; Kumar Goyal, J.; Purwar, S.	Predefined time quantised control for nonlinear systems: a backstepping approach	International Journal of Systems Science					4.6	10.1080/00207721.2025.2594514
1269	Harikaran, B.; Gomathi, D.; Harshavarthini, S.; Sathiyaraj, T.; Lee, S.M.	An attack-tolerant control framework for interval type-3 fuzzy systems using a functional estimator	International Journal of Systems Science					4.6	10.1080/00207721.2025.2602069
1270	Boopathi, M.; Sharma, N.; Raj, R.; Patil, P.S.; Dhamija, A.	Entrepreneurial marketing: Analyzing the effects of social media marketing on business enterprise performance	Journal of Marketing Communications					4.6	10.1080/13527266.2025.2590533
1271	Sankaranarayanan, M.; Jagan, P.; Visuvasam, J.A.; Chandrasekaran, S.S.	Numerical assessment of the influence of stone columns on liquefaction-induced seismic effects in RC structures	Geomatics, Natural Hazards and Risk	16	1			4.6	10.1080/19475705.2025.2579755
1272	S, K.M.K.; Kothandaraman, S.	Evaluating hybrid and machine learning models for landslide susceptibility mapping in a high-risk region of the Western Ghats, India	Geomatics, Natural Hazards and Risk	16	1			4.6	10.1080/19475705.2025.2595694

1273	Okon, M.B.; Fasongbon, I.V.; Terkimbi, D.; Dangana, R.S.; Makena, W.; Ojiakor, V.O.; Etukudo, E.M.; Chebet, J.; Musyoka, A.M.; Ifie, S.E.; Mbyemeire, H.; Mbina, S.A.; Ugwu, O.P.-C.; Oviosun, A.; Usman, I.M.; Ifie, J.E.; Loganathan, L.; Olorunnisola, O.S.; Mounmbegna, P.; Noreen, S.; Aja, P.M.	Endocrine disruption rewards: bisphenol-A-induced reproductive toxicity and the precision ameliorative potential of flavonoids in preclinical studies. A systematic review and meta-analysis	Frontiers in Toxicology	7				4.6	10.3389/ftox.2025.1687862
1274	Maheshwari, N.; Singh, V.	Evaluating carrying capacity at urban and cultural tourism destinations: a systematic content analysis of extant literature and identification of scholarly trajectories	Current Issues in Tourism					4.6	10.1080/13683500.2025.2596258
1275	Varghese P.R., Subathra M.S.P., Peter G., Stonier A.A., Kuppusamy R., Teekaraman Y.	A novel MODWT–local pattern transformation feature fusion approach for high-impedance fault detection in medium voltage power distribution networks	Neural Computing and Applications					4.5	10.1007/s00521-024-10863-2
1276	Pandiyaraju V.; Anusha B.; Senthil Kumar A.M.; Jaspin K.; Venkatraman S.; Kannan A.	Spatial attention-based hybrid VGG-SVM and VGG-RF frameworks for improved cotton leaf disease detection	Neural Computing and Applications					4.5	10.1007/s00521-025-11012-z

1277	Kumar G.B.; Kumar S.	Enhanced segmentation of optic disc and cup using attention-based U-Net with dense dilated series convolutions	Neural Computing and Applications					4.5	10.1007/s00521-025-10989-x
1278	Narayan A.B.; Hariom S.K.; Mukherjee A.P.; Das D.; Nair A.; Nelson E.J.R.	'Nomadic' Hematopoietic Stem Cells Navigate the Embryonic Landscape	Stem Cell Reviews and Reports					4.5	10.1007/s12015-025-10843-6
1279	Ganapathy S.; Srinivasan S.	Crop weed separation through image-level segmentation: an ensemble of modified U-Net and encoder–decoder	Neural Computing and Applications					4.5	10.1007/s00521-025-11123-7
1280	Rajkumar R.; Rejith A.V.P.; Ramasubbu K.; V D.R.	Analysis of marketed soft drinks and reduction of food colours with a simple absorption technique with PVA-Ag nanofilms	Applied Food Research	5	1			4.5	10.1016/j.afres.2025.100779
1281	Chakraborty C.; Nagarajan S.M.; Rajesh R.; Kumaran U.; Devarajan G.G.	Trustworthy-Based User Behavior Model: Integrity-Based Resilient Deep Learning Approach in Distributed Networks for Next-Generation Applications	IEEE Transactions on Computational Social Systems					4.5	10.1109/TCSS.2025.3530772
1282	Reddy G.J.; Sahani R.K.; Raja S.P.	Stock Market Prediction Using a Hybrid Approach With Boruta and Liquid Neural Network	IEEE Transactions on Computational Social Systems					4.5	10.1109/TCSS.2025.3540035

1283	M.S R.; Singh K.S.	An evaluation of cloud microphysical parameterization schemes at 1.667 km resolution in the simulation of super cyclone Amphan and extremely severe cyclonic storm Phailin	Geomatics, Natural Hazards and Risk	16	1			4.5	10.1080/19475705.2025.2475905
1284	Karnati H.; Soma A.; Alam A.; Kalaavathi B.	Comprehensive analysis of various imputation and forecasting models for predicting PM2.5 pollutant in Delhi	Neural Computing and Applications					4.5	10.1007/s00521-025-11047-2
1285	Sridhar P.; Bhatt H.; Padala K.; Reddy S.R.; Alagumuthu M.; Arumugam S.; Chun-Cheng L.; Wang S.-K.	Sustainable synthesis of nitrogen rich pyridazine-triazole scaffolds as efficient Tyrosine kinase inhibitors via Click reaction	Bioorganic Chemistry	161				4.5	10.1016/j.bioorg.2025.108553
1286	Hiremath K.B.; Manochkumar J.; Ramamoorthy S.; Shivashankar M.	Studies on DNA/HSA binding properties of new triazole-based imine functionalized derivatives using spectroscopic and computational methods	Bioorganic Chemistry	162				4.5	10.1016/j.bioorg.2025.108608
1287	Priya M.; Bala Anki Reddy P.	Levenberg–Marquardt neural network analysis of entropy optimization on MHD nanofluid convective flow with nonlinear thermal radiation and Cattaneo–Christov heat and mass fluxes: a comparative study	Neural Computing and Applications					4.5	10.1007/s00521-025-11312-4

1288	Silpa B.; Hota M.K.	An efficient epileptic seizure detection framework based on optimized deep residual network	Neural Computing and Applications					4.5	10.1007/s00521-025-11354-8
1289	S., Chakrabarti, Soumya	On the polynomial degeneracy of Ricci invariants and spacetime singularity	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics	868				4.5	10.1016/j.physletb.2025.139712
1290	S.M., Farooq, Shaik Mullapathi; S.M., Suhail Hussain, S. M.; M.A., Aftab, Mohd Asim; T.S., Stun, Taha Selim; C., Konstantinou, Charalambos; M.A., Abido, Mohammad A.	Certificateless Authentication Scheme for Key Distribution in IEC 61850-90-5 PMU Communication Network	IEEE Transactions on Industry Applications					4.5	10.1109/TIA.2025.3585081
1291	M.M., Sunny, Meenu Maria; R.M., Thamankar, Ramesh M.	Energy efficient multi-level memory using paper based second order MLGraphene/MoO3 - Aloe vera/MLGraphene memristor device for emulating synaptic functionalities	Discover Nano	20	1			4.5	10.1186/s11671-025-04272-0

1292	K., Rangasamy, Keerthana; A.M., Saleh, Arabi Mohammed	Bio-priming of tomato seedlings with bacterial consortium against Fusarium oxysporum: a study on morphological parameters and molecular profiling	Frontiers in Microbiology	16				4.5	10.3389/fmicb.2025.1606896
1293	A., Vijayaganapathi, Arulmozhi; V., Mohanasrinivasan, V.	Evaluation of probiotic potential, safety assessment and whole genome sequencing of Lactiplantibacillus plantarum strain MOVIN isolated from toddy sample	Frontiers in Microbiology	16				4.5	10.3389/fmicb.2025.1625659
1294	V., Jena, Vaishnavi; B.A., Naidu, B. Aparna; D., Sharma, Deepak; P.J., Bell, Praisy Joy; M., Rajiniraja, Muniyan	Computational discovery of novel SIRT4 inhibitors for cardiac hypertrophy treatment	Mitochondrion					4.5	10.1016/j.mito.2025.102076
1295	R.K., Bharath, R. K.; A., Tripathy, Ashis	Unlocking the sensing potential of Mn1.5Cr1.5O4 spinel nanocomposite by exploring humidity dependent dielectric characteristics	IEEE Sensors Journal					4.5	10.1109/JSEN.2025.3596288
1296	P., Neelagandan, P.; S., Balaji, S.; R., Pavithra, R.	Advanced Charger Placement Strategies in Sensor Networks Using Graph Theory and Evolutionary Algorithms	IEEE Sensors Journal					4.5	10.1109/JSEN.2025.3596399

1297	T.V., Padmavathy, T. V.; S., Indra Priyadharshini, S.; S., Brindha, S.	Maximizing Wireless Sensor Networks Coverage and Connectivity in Irregular Terrains Using Grover's Quantum Algorithm	IEEE Sensors Journal					4.5	10.1109/JSEN.2025.3598361
1298	M., Chankaya, Mukul; M., Aijaz, Masiha; M., Panda, Mrutunjaya; I., Hussain, Ikhlaq; B.P., Singh, B. P.	Chaotic Grey Wolf Optimized DC-DC Bi-directional Converter for a Single-Phase Grid-Tied PV-BES System	IEEE Transactions on Industry Applications					4.5	10.1109/TIA.2025.3603513
1299	S., Narasimman, Subramaniyam; A., Prasanth, A.; Z.C., Alex, Zachariah C.	Rapid and Sensitive Ethanol Detection Using Ag Functionalized ZnO Nanorods-Clad Optic Fiber Sensor for Dual Spectral Region Operation	IEEE Sensors Journal					4.5	10.1109/JSEN.2025.3608183
1300	R., Dubey, Richa; R.P., Dwivedi, Ravi Prakash; N., Tewari, Nilanjan; V., Guruviah, Velmathi	Ensemble approach assisted grade capacitance prediction of biomass-derived electrode materials: New insights and implications for high performance supercapacitors	Array					4.5	10.1016/j.array.2025.100497
1301	S.K., Barnwal, Surbhi Kumari; A.M., Saleh, Arabi Mohammed	Antibiotic resistance patterns of environmental bacteria from sewage water in Vellore, India: isolation, virulence analysis, and characterization	Frontiers in Microbiology					4.5	10.3389/fmicb.2025.1640369

1302	N., Gupta, Nikita; S., Arunachalam, Sathiavelu	From consortium design to bioaugmented filters: scalable yeast-based strategies for lead remediation in water systems	Frontiers in Microbiology					4.5	10.3389/fmicb.2025.1647398
1303	V.M., Vinodhini, Vellore Mohanakrishnan; M., Kavitha, M.	Targeted inhibition of mecA and agrA genes in clinical MRSA isolates by natural bioactive compounds	Frontiers in Microbiology					4.5	10.3389/fmicb.2025.1643774
1304	L.B., Ebenezer, L. Brighty; S., Anbalagan, Sasithradevi; C., Baskar, Chanthini	Advances in Bioinspired Sensing?Electronic Nose and Eye Technologies for Food Quality Assessment: A Review	IEEE Sensors Journal					4.5	10.1109/JSEN.2025.3590474
1305	Sadiya, A.B.; Sucharitha, G.	Computational analysis of MHD ternary hybrid nanofluid flow with thermochemical reactions through a porous medium on a rotating stretching sheet	Discover Nano	20	1			4.5	10.1186/s11671-025-04353-0
1306	Priya, T.S.; Chen, T.-W.; Chen, S.-M.; Balaji, R.; Sarigamala, K.K.; Kumar, S.; Cheng, W.-C.	MoSe2Nanoflower-Based Electrodes for High-Sensitivity and Rapid Detection of Ornidazole in Biomedical Diagnostics	IEEE Sensors Journal					4.5	10.1109/JSEN.2025.3612455
1307	Rajendiran, A.; Uthirapathy, V.	Thermal barrier coatings of YSZ developed by plasma sprayed technique and its effective use in orthopedic and dental application	Journal of Materials Science: Materials in Medicine	36	1			4.5	10.1007/s10856-025-06927-x

1308	Palakkattiri Krishnan, N.; Khandelwal, G.; Chandrasekhar, A.	Metal-organic framework impregnated sponge-based TENG as a binary input device for logic gate simulation and power plant control	Discover Nano	20	1			4.5	10.1186/s11671-025-04369-6
1309	ThangaPurni, J.S.; Braveen, M.	Unified ARP-ViT-CNN system: Hybrid deep learning approach for segmenting and classifying multiple skin cancer lesions	Array	28				4.5	10.1016/j.array.2025.100515
1310	S, M.; Jothi, J.	Blockchain-IoMT-enabled federated learning: An intelligent privacy-preserving control policy for electronic health records	Array	28				4.5	10.1016/j.array.2025.100586
1311	Farooq, S.; Harshith, M.; Bhatkhande, A.; Kumaresan, N.; Karthikeyan, B.; Rammohan, A.	Real-time adaptive neural network-based state of charge prediction of battery pack in a digital twin framework	Array	29				4.5	10.1016/j.array.2025.100638
1312	S.D.; P.; Natarajan, Y.; K R, S.P.	Enhancing resilience through bilinear attention pooled region proposal network for metal sheet grid defect classification	Array	29				4.5	10.1016/j.array.2025.100647
1313	Sindhu, T.; Jagadeeshkumar, K.	Entropy generation and regression analysis of unsteady Carreau ternary hybrid nanofluid flow with electromagnetic and thermal influences	Discover Nano	20	1			4.5	10.1186/s11671-025-04408-2

1314	Lavanya V., Santhakumar K.	A study on bio-synthesized gold nanoparticles via Hibiscus Platanifolius flower extract: Efficient strategy for cytotoxicity, photocatalytic potential, and green supercapacitor applications	Inorganic Chemistry Communications	174				4.4	10.1016/j.inoche.2024.113886
1315	Rosarian Joy S.J., Kumar T.P., Kalaivanan N.S., Poonguzhali S., Vidya R., Babu D.R.	Antibacterial, cytotoxicity, and seed germination studies of strontium hexaferrite nanoparticles	Inorganic Chemistry Communications	174				4.4	10.1016/j.inoche.2025.113895
1316	Karthikeyan B., Venkateshprabhu M., Praveena R., Kagola U.K., Sayyed M.I., Manikandan N.	Investigation of Nd3+-doped oxide and oxy-fluorotellurite glasses for optical and radiation shielding applications	Results in Physics	69				4.4	10.1016/j.rinp.2025.108111
1317	Raj A., Sahu S., Narayani P.L., Sharma L., Banerjee S., Tripathi L.N.	Single Photon Sources from 2D-Materials and Interfacing with Waveguides for Quantum Technological Applications	Advanced Quantum Technologies					4.4	10.1002/qute.202400648
1318	Kannan S.; Prasad V.R.	Numerical study of mixed convection and thermal enhancement in Williamson ternary nanofluid flow over a non-isothermal wedge using the keller box method	Mathematics and Computers in Simulation	233		502	529	4.4	10.1016/j.matcom.2025.02.016
1319	Kumaravelu P.; Arulvel S.; Kandasamy J.; Jeyapandirajan P.	Moderate temperature wear behaviour of Magnesium-Dicalcium silicate composite	Engineering Failure Analysis	171				4.4	10.1016/j.engfailanal.2025.109413

1320	Sarfudeen S.; Panda T.	Trapping of Metastable Phase in Tetrazole based Metal Organic Framework: An Investigation on Phase Transition	Inorganic Chemistry Communications	174				4.4	10.1016/j.inoche.2025.114100
1321	Shanmugam B.; M. C S.	Unpredictable two-stage retrial model featuring impatient customers pinned Bernoulli working vacations and starting failure	Annals of Operations Research					4.4	10.1007/s10479-025-06547-2
1322	Bagewadi S.S.; Bhagchandani R.K.; Manivannan S.; Sinha M.K.; Chandrasekhar U.	A study on the out-of-plane behavior of auxetic and hybrid auxetic structures	Progress in Additive Manufacturing					4.4	10.1007/s40964-025-01018-3
1323	Rao M.N.; Arockia Doss A.S.; Schilberg D.	Structural analysis of hybrid composite arms for light weight robots	Engineering Failure Analysis	174				4.4	10.1016/j.engfailanal.2025.109520
1324	Tamizhselvi R.; Bhaskar R.; Beena M.; Palaniappan A.; Kumar S.K.A.; Napoleon A.A.	p-Toluenesulfonyl hydrazide appended phenothiazine fluorescent Schiff base for selective Cu2+ and Fe3+ ions detection: Their potential applications in food sample analysis and live cell imaging studies	Inorganic Chemistry Communications	175				4.4	10.1016/j.inoche.2025.114144
1325	Aazath K.; Aravindraj K.; Simplica S.J.A.; Roopan S.M.; Arunachalapandi M.; Kanjirakkandy A.A.; Vaithilingam M.	Lignin derived carbon capped CuO assisted one pot synthesis of quinazolines and its antibacterial activity	Inorganic Chemistry Communications	175				4.4	10.1016/j.inoche.2025.114166

1326	Upender P.; Kumar A.	Numerical investigation of a high-performance MXene and graphene-based metamaterial absorber for terahertz biosensing	Results in Physics	70				4.4	10.1016/j.rinp.2025.108185
1327	Vedhapriyavadhana R.; Bharti P.; Chidambaranathan S.	Detecting dark patterns in shopping websites–a multi-faceted approach using Bidirectional Encoder Representations From Transformers (BERT)	Enterprise Information Systems					4.4	10.1080/17517575.2025.2457961
1328	Dhivya Bharathi S.; Rajan Babu D.	Synthesis and characterization of Zn doped CoFe2O4 magnetic nanoparticles and their antimicrobial and wound healing assay	Results in Physics	72				4.4	10.1016/j.rinp.2025.108210
1329	Nag S.; Damodar K.S.H.; Mukherjee S.; Rao D.R.; Debnath I.; Haryini S.; Mohanto S.; Ahmed M.G.; Subramaniyan V.	Unveiling the trending paradigms of synthesis and theranostic biomedical potentials of nano-diamonds (NDs) - a state-of-the-art update	Inorganic Chemistry Communications	177				4.4	10.1016/j.inoche.2025.114313
1330	Kumar M.D.B.; Kumar K.S.; Babu N.; Kumar K.G.; Arivazhagan N.; Manikandan M.	Investigation of arc welding techniques for the fusion of thick armour steel in military armoured vehicle application: mechanical, microstructural, and ballistic properties at sub-zero condition	Archives of Civil and Mechanical Engineering	25	3			4.4	10.1007/s43452-025-01146-1
1331	S S.; A R.A.	Fatigue behavior of as-cast and heat-treated Mg-Gd-Y-Er alloy at room temperature	Engineering Failure Analysis	176				4.4	10.1016/j.engfailanal.2025.109652

1332	Sachin K.S.; Koshy J.T.; Sangeetha D.	Development of Ag doped ZnO nanoparticle loaded carboxymethyl cellulose/polyvinyl alcohol hydrogel film for enhanced wound dressing	Inorganic Chemistry Communications	178				4.4	10.1016/j.inoche.2025.114606
1333	Johnson V.; Maadhu T.; Tamilelakkiya M.; Vinitha G.; Sabari Girisun T.C.	Synthesis and investigations on PVA/CMC/La0.85Nd0.15AlO3 polymer nanocomposites for optoelectronic applications	Inorganic Chemistry Communications	178				4.4	10.1016/j.inoche.2025.114629
1334	Purushothaman P.; Abesake K.R.; Santhosh V.; Karpagam S.	Fc-DNP/PVDF nanofiber matrix for selective visual detection of cyanide ion (CN−) from tobacco, food, and water samples via a ratiometric process	Inorganic Chemistry Communications	179				4.4	10.1016/j.inoche.2025.114645
1335	Mohandoss S.; Tamizhselvi R.; Velu K.S.; Napoleon A.A.; Aslam M.; Ahmad N.; Palanisamy S.; You S.; Kim S.-C.	Facile hydrothermal synthesis of Gd-doped carbon quantum dots for dual-mode colorimetric and photoluminescence sensing of Hg2+ ions with potential real samples and bioimaging applications	Inorganic Chemistry Communications	179				4.4	10.1016/j.inoche.2025.114689
1336	Priyadharshini A.; Napoleon A.A.	Dual co-doped fluorescent carbon dots for ultra-sensitive detection of Co2+ ions: Applications in food samples, bioimaging, and environmental monitoring	Inorganic Chemistry Communications	179				4.4	10.1016/j.inoche.2025.114716

1337	Mahariq I.; Mohana C.M.; Kumar B.R.; Mohamed K.; SARI M.R.; El-Wahed Khalifa H.A.; Nagarathnam S.	Thermal analysis of ternary hybrid nanofluid flow in convergent/divergent channel using Box-Behnken design of response surface methodology	Results in Physics	74				4.4	10.1016/j.rinp.2025.108293
1338	Vimal K.E.K.; Kandasamy J.; Joshi P.; Kokare A.; Kharat H.; Rajak S.	Trade off model for optimal sustainability and resilience through circular economy	Annals of Operations Research					4.4	10.1007/s10479-025-06655-z
1339	George E.A.; Naha A.; Soundharya H.; Pallavi J.; Menon A.; Anbarasu A.; Ramaiah S.	Pharmacokinetics Screening, Molecular Docking, and Dynamics Simulations Revealed Novel Antimicrobial Peptide NKLF2 Mutants as Potent Inhibitors of Mycobacterium tuberculosis	Probiotics and Antimicrobial Proteins					4.4	10.1007/s12602-025-10608-0
1340	Mukka S.; Mathew A.T.; Bhagchandani R.K.	Optimization of curved layer fused deposition modeling process parameters to enhance surface finish	Progress in Additive Manufacturing					4.4	10.1007/s40964-025-01193-3
1341	P P.; Rahul A.K.	Love-type wave propagation in a heterogeneous medium between a liquid and a fractured porous half-space: A WKB and variable separation approach	European Journal of Mechanics, A/Solids	114				4.4	10.1016/j.euromechsol.2025.105763
1342	Arunachalam J.; Swati G.	Scrutiny on photovoltaic efficiency of sub-band engineered molybdenum incorporated chalcopyrite thin film solar cells	Inorganic Chemistry Communications	179				4.4	10.1016/j.inoche.2025.114798

1343	Mohandoss S.; Priyadharshini A.; Velu K.S.; Napoleon A.A.; Roy P.; Ahmad N.; Palanisamy S.; You S.; Kim S.-C.	A reversible photoluminescence based on cerium-doped carbon dots for “on–off-on” dual detection of Fe3+ and pyrophosphate ions with live cell application	Inorganic Chemistry Communications	179				4.4	10.1016/j.inoche.2025.114824
1344	Hema D.; Ajitha B.	Seed-mediated growth of gold nanorods for enhanced catalytic activity	Inorganic Chemistry Communications	179				4.4	10.1016/j.inoche.2025.114882
1345	Thamizharasan G.; Eithiraj R.D.	First-principles investigation of CaV2TeO8: a multifunctional heteroanionic oxychalcogenide for photocatalytic and thermoelectric applications	Results in Physics	74				4.4	10.1016/j.rinp.2025.108312
1346	Kumar M.S.; Babu N.R.; Harshavarthini S.; Sathiyaraj T.	Qualitative analysis of fractal–fractional order Coffee Berry epidemic model on an agricultural farm	Results in Physics	75				4.4	10.1016/j.rinp.2025.108325
1347	Kavya P.; Gayathri M.	Bioactive fraction isolated from Curcuma angustifolia rhizome exerts anti-diabetic effects in vitro, in silico and in vivo by regulating AMPK/PKA signaling pathway	Frontiers in Pharmacology	16				4.4	10.3389/fphar.2025.1570533
1348	Vijayaganapathi A.; Mohanasrinivasan V.	A Review of Next-Generation Probiotics—As a Gateway to Biotherapeutics	Probiotics and Antimicrobial Proteins					4.4	10.1007/s12602-025-10606-2
1349	S.K., G.r, Shree Kumari; M., V, Mohanasrinivasan	Scaling Up Postbiotics Production: A Prospective Review of Processes and Health Benefits	Probiotics and Antimicrobial Proteins					4.4	10.1007/s12602-025-10643-x

1350	R.S., Nanjundaiah, Rashmi Saragur; S.S., Rao, Shrikantha Sasihithlu; K., Praveenkumar, K.; C.P., Selvan, Chithirai Pon; T., Ram Prabhu, Theagarajan; S., Sahay, Saurish; G., Manivasagam, Geetha; A.K., Shettigar, Arun Kumar; M.P., Gowdru Chandrashekarappa, Manjunath Patel	Investigating fretting wear behavior of LPBF processed AlSi10Mg alloy under variable frequency and heat treatment conditions	Results in Surfaces and Interfaces					4.4	10.1016/j.rsurfi.2025.100611
1351	M., Saravanan, M.; G.K.R., Rajini, Gaddam Kesava Reddy	Automatic detection of triples rider violations using an optimized mask R-CNN framework	Systems Science and Control Engineering					4.4	10.1080/21642583.2025.2546829
1352	N., Munusamy, Nagarajan; I., Vairavasundaram, Indragandhi	Advanced vehicle-to-grid control: enhancing energy exchange and power quality with grey wolf optimized bidirectional converters in EV charging infrastructure	Systems Science and Control Engineering					4.4	10.1080/21642583.2025.2546831
1353	S., Nivetha, S.; M., Ghosh, Mini	Optimal control and cost-effectiveness analysis for COVID-19 and tuberculosis co-infection model	Systems Science and Control Engineering					4.4	10.1080/21642583.2025.2546841
1354	C., Kiran, Chandra; P., Patel, Parth; S.K., Sahoo, Santosh Kumar; A., Rahaman, Ariful; V.K., Verma, Virendra Kumar	Photocatalytic remediation of river ganga waters using TiO? nanoparticles: Linking structural and magnetic properties to aquatic water quality improvement	Journal of Contaminant Hydrology					4.4	10.1016/j.jconhyd.2025.104723

1355	S.H., P, Shri Harine; A., Kumar, Ankit	Degenerate homoclinic and Hopf bifurcation in a stage-structured model with parental care in fearful prey and group defense	Mathematics and Computers in Simulation					4.4	10.1016/j.matcom.2025.08.023
1356	K., S, Krishnamoorthy; B., Jaganathan, B.	Optimizing weighted k-means clustering with gradient-based methods	Systems Science and Control Engineering					4.4	10.1080/21642583.2025.2550755
1357	S., Perumandla, Swamy; S.K., Pradhan, Subhendu Kumar; S.S., Bhattacharyya, Som Sekhar; S., Narayanan, Sangeetha	Sustainable development goals through the lens of ESG, CSR, SRI and GF: research agenda through an integrated framework and topic modelling	Benchmarking					4.4	10.1108/BIJ-09-2024-0790
1358	R., Sundararajan, Rajeswari; P., Menon, Preetha; B., Jayakrishnan, Balaji	Value co-creation using virtual reality service experiences	Journal of Service Theory and Practice					4.4	10.1108/JSTP-12-2024-0463
1359	Sharmila, A.; Bhadra, P.; Kishore, C.; Selvaraj, C.I.; Kavalakatt, J.; Bishayee, A.	Nanoformulated Terpenoids in Cancer: A Review of Therapeutic Applications, Mechanisms, and Challenges	Cancers	17	18			4.4	10.3390/cancers17183013
1360	Varshini, T.S.; Panjanathan, R.	MP-GestLSTM: real time gesture detection using MediaPipe and LSTM	Systems Science and Control Engineering	13	1			4.4	10.1080/21642583.2025.2587853
1361	Neupane, R.P.; Imjai, T.; Sridhar, R.; Garcia, R.; Solaiyan, E.; Abdullah, M.M.	Experimental and numerical analysis of slender recycled aggregate concrete columns confined with active confinement	Archives of Civil and Mechanical Engineering	25	07-Aug			4.4	10.1007/s43452-025-01355-8

1362	Saravanan, V.; Rajivganthi, R.	Modeling antibiotic resistance in staphylococcus aureus with continuous and impulsive drug treatments	Systems Science and Control Engineering	13	1			4.4	10.1080/21642583.2025.2579998
1363	Sindhu, T.; Jagadeeshkumar, K.	Numerical and statistical analysis of micropolar Carreau tri-hybrid nanofluid flow over a stretching cylinder with MHD and thermal radiation effects	Results in Surfaces and Interfaces	21				4.4	10.1016/j.rsurfi.2025.100669
1364	Deepika, R.; Pradeep Kumar, T.S.	An interpretable dual-level lightweight framework for malaria diagnosis for enhanced remote diagnosis in resource-constrained settings	Systems Science and Control Engineering	13	1			4.4	10.1080/21642583.2025.2579988
1365	George, G.; Karunanidhi, G.	The role of various composites on pristine hydroxyapatite for the enhanced adsorption of heavy metal ions: A review	Results in Surfaces and Interfaces	21				4.4	10.1016/j.rsurfi.2025.100663
1366	Jacob, J.; Dharani, S.	Projective lag synchronization for quaternion neural networks with semi-Markov switching and mixed delays via non-fragile sliding mode control	Systems Science and Control Engineering	13	1			4.4	10.1080/21642583.2025.2600780
1367	Cao, Y.; Jacob, J.; Dharani, S.; Sivakumar, M.	Improved stability analysis for quaternion-valued neural networks with proportional and mixed time-varying delays	Mathematics and Computers in Simulation	242		270	278	4.4	10.1016/j.matcom.2025.11.005

1368	Maridevaru M.C., Konchery A., Anandan S., Thirunavukarasu V., Al Souwaileh A., Wu J.J., Anandan S.	Lanthanum-based metal-organic framework nanorods for removal of dye pollutants with machine language predictions	Journal of Physics and Chemistry of Solids	199				4.3	10.1016/j.jpcs.2025.112580
1369	Ajaya Kumar Reddy K., Dondapati S.	A study on the corrosion behaviour and biological properties of MgO/Bredigite composite coating via micro arc oxidation on ZM21 Mg alloy	Materials Chemistry and Physics	334				4.3	10.1016/j.matchemphys.2025.130430
1370	Rueshwin S.C.T., Eithiraj R.D.	Computational Screening of 2D Cs2O for photocatalysis and thermoelectric properties	Journal of Physics and Chemistry of Solids	199				4.3	10.1016/j.jpcs.2024.112547
1371	Philip A., K.E. R., Kumar A.R.	An asymmetric electrochemical supercapacitor based on nickel zeolite and graphene oxide with ultrahigh energy density	Diamond and Related Materials	153				4.3	10.1016/j.diamond.2025.112007
1372	Krishnamoorthy D., Singh A.K.	Two-dimensional exfoliated hexagonal boron nitride-WS2 nanosheets emerge as an efficient positive electrode for high performance hybrid supercapacitor applications	Diamond and Related Materials	152				4.3	10.1016/j.diamond.2025.111976
1373	Vishnu M, A R.A., Muthuchamy A	Synthesis and Kinetics of Vanadium and Niobium Carbide coatings on Diamond nanoparticles using Vacuum-Assisted Molten Salt Synthesis	Diamond and Related Materials	152				4.3	10.1016/j.diamond.2024.111917

1374	Vanishree P.; Swati G.	Unleashing the potential of rare earth ions in modified calcium titanate for strategic anti-counterfeiting application	Chemical Communications					4.3	10.1039/d4cc05643d
1375	Devarajan G.G.; Thirunavukkarasan M.; Mahalinghum M.; Arockiam D.; Wu M.-E.; Mahapatra R.P.	Explainable Federated Learning Based Secure and Transparent Object Detection Model for Autonomous Vehicles	IEEE Transactions on Consumer Electronics					4.3	10.1109/TCE.2024.3524585
1376	Wu X.; Lin X.; Zhang Z.; Chen C.-M.; Gadekallu T.R.; Kumari S.; Kumar S.	TinyML-Enabled Intelligent Question-Answer Services in IoT Edge Consumer Devices	IEEE Transactions on Consumer Electronics	70	4	7322	7333	4.3	10.1109/TCE.2024.3417890
1377	Priyadharshini A.; Napoleon A.A.	Metal and heteroatoms co-doped fluorescent carbon dots for highly selective and sensitive detection of Mg2+ ions in aqueous media: Applications in test strips, pharmaceutical, real samples and bioimaging	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	332				4.3	10.1016/j.saa.2025.125851
1378	Manohar A.; Chintagumpala K.; Vattikuti S.V.P.; Al-Asbahi B.A.; Mameda N.; Kim K.H.	CaxZn0.5-xMg0.5Fe2O4 nanoparticles: A novel approach for supercapacitor applications	Materials Chemistry and Physics	336				4.3	10.1016/j.matchemphys.2025.130518
1379	Viswanath N V.; Biswas K.	Metastable wurtzite CuInS2@C3N4 for supercapacitor application	Journal of Physics and Chemistry of Solids	201				4.3	10.1016/j.jpcs.2025.112627

1380	Vijayababu M.; Chintagumpala K.	Evaluation of Polydimethylsiloxane-Nb2C MXene Conductive Polymer Composite based Piezoresistance sensors parameters and applications	IEEE Sensors Journal					4.3	10.1109/JSEN.2025.3533960
1381	Rex M C.; Poddar B.; Mandal S.; Das S.; Mukherjee A.	Interactive toxicity effects of metronidazole, diclofenac, ibuprofen, and differently functionalized nanoplastics on marine algae Chlorella sp.	Environmental Science: Processes and Impacts					4.3	10.1039/d4em00780h
1382	Krishna Rajeev P.; Suchetha M.; Subramanian J.; Vijayan A.	Flexible Conductive Polymer Reinforced Polyurethane Foam for Real-Time Human Body Electrical Signal Sensing and ECG Peaks	IEEE Sensors Journal	25	3	4127	4134	4.3	10.1109/JSEN.2024.3507087
1383	Uppuluru A.; Annamalai P.; Padala K.	Recent advances in 4CzIPN-mediated functionalizations with acyl precursors: single and dual photocatalytic systems	Chemical Communications					4.3	10.1039/d4cc06594h
1384	Sudharsan S.; Raja Annamalai A.	Investigation of corrosion and high-temperature oxidation behavior of stir-cast and heat-treated Mg-Gd-Y-Er alloy	Materials Chemistry and Physics	337				4.3	10.1016/j.matchemphys.2025.130594
1385	Murugan M.; Kandasamy J.; Arulvel S.	Effect of applied voltage on surface properties of electrophoretic hybrid ZnO/HAp/PMEA coated stainless steel 316L	Materials Chemistry and Physics	337				4.3	10.1016/j.matchemphys.2025.130604

1386	Ahmed S.T.; Kaladevi A.C.; Kumar V.V.; Shankar A.; Alqahtani F.	Privacy Enhanced Edge-AI Healthcare Devices Authentication: A Federated Learning Approach	IEEE Transactions on Consumer Electronics					4.3	10.1109/TCE.2025.3542955
1387	Srinivasan S.; Prabin S.M.; Mathivanan S.K.; Rajadurai H.; Kulandaivelu S.; Shah M.A.	Sugarcane leaf disease classification using deep neural network approach	BMC Plant Biology	25	1			4.3	10.1186/s12870-025-06289-0
1388	Chandmare V.; Sheoran P.; Kumari K.; Thakre A.; Kumar A.; Dkhil B.; Borkar H.	Analog bipolar resistive switching in Sm doped BaTiO3 thin films for Opto-memristor application	Materials Chemistry and Physics	339				4.3	10.1016/j.matchemphys.2025.130764
1389	J.P J.; Sekhar G.C.; Jose S.; Sumathi S.	Polyvinyl alcohol/ tri-metal doped hydroxyapatite composites for bone tissue engineering applications	Materials Chemistry and Physics	339				4.3	10.1016/j.matchemphys.2025.130705
1390	Maurya N.K.; Ram G.C.; Tripta; Ashok G.L.P.; Krishna R.	Tunable dual-band metasurface absorber utilizing electric dipole and magnetic loop in a DC-connected bilayer graphene stack: A theoretical approach	Diamond and Related Materials	154				4.3	10.1016/j.diamond.2025.112208
1391	Sabapathy S.P.; Ammasi A.M.; Khalife E.; Babu M.; Munusamy S.; Sabapathy P.; Gharehghani A.; Szymanek M.; Kaveh M.	Optimization of Injection Timing and Ethyl Hexyl Nitrate Additive Effects on Diesel Engine Characteristics Using Rubber Seed Oil Biodiesel	International Journal of Energy Research	2025	1			4.3	10.1155/er/1686933
1392	Kumari M.; Sapatnekar S.; Pulimi M.	Synergistic effects of FeOOH–Mn@HC catalyst in peroxymonosulfate activation for antibiotic degradation	Materials Chemistry and Physics	341				4.3	10.1016/j.matchemphys.2025.130934

1393	Sathya R.A.; Ponraj C.	Non-fluorinated, anti-reflective, self-cleaning and durable silane based superhydrophobic coating for floating solar cells	Materials Chemistry and Physics	341				4.3	10.1016/j.matchemphys.2025.130880
1394	Philip R.S.; Vijayakumar V.	Synthesis and in silico studies of quinoline appended acridine via conventional and green methods: photophysical analysis of novel fluorophore for picric acid detection using a ‘turn-off' fluorescence approach	BMC Chemistry	19	1			4.3	10.1186/s13065-025-01452-y
1395	K D.; K S.; S I.P.; M V.	EPDTNet + -EM: Advanced Transfer Learning and SubNet Architecture for Medical Image Diagnosis	Cognitive Computation	17	2			4.3	10.1007/s12559-025-10446-w
1396	Bi G.R.; Motwani M.; Jindal S.K.	Analytical Formulation and Numerical Investigation of Electro-Mechanical Dynamics in Circular Biconvex Diaphragm Capacitive Pressure Sensor	IEEE Sensors Journal					4.3	10.1109/JSEN.2025.3558290
1397	Karthikeyan N.K.; Elavenil S.S.	Characterization of nano-structure pyrolytic char for smart and sustainable nanomaterials	Advances in Nano Research	16	1	53	69	4.3	10.12989/anr.2024.16.1.053
1398	Eswaramoorthy N.; Harikrishnan L.; Selvaraj Y.; Shyma A.P.; Lakshmanan K.; Rajesh P.; Raguram T.	Eco-friendly carbon quantum dots from coffee waste: Improving charge transfer in solid-state perovskite solar cells	Diamond and Related Materials	156				4.3	10.1016/j.diamond.2025.112386

1399	Madhankumar A.; Joel J.; Jeyapandiarajan P.; Ashwath P.; Anthony Xavior M.	Synthesis and characterization of boron nitride reinforced alumina ceramic composites	Diamond and Related Materials	156				4.3	10.1016/j.diamond.2025.112396
1400	Achari A.M.; Swati G.	Multifunctional halogen doped carbon quantum dots for photo-degradation of methylene blue and selective detection of Cu2+ ions	Diamond and Related Materials	156				4.3	10.1016/j.diamond.2025.112435
1401	Jeevanantham B.; Abhinav K.P.; Shobana M.K.	Surface modification of TiO2 coating over single crystalline NMC-83 cathode for lithium-ion batteries	Journal of Physics and Chemistry of Solids	205				4.3	10.1016/j.jpcs.2025.112825
1402	Joshua A.; Anagha A.; Parhi C.C.; Chacko B.; Wuppulluri M.	Relative examination of conventional and microwave-processed M-type hexaferrites for permanent magnet and electromagnetic interference shielding applications	Materials Chemistry and Physics	343				4.3	10.1016/j.matchemphys.2025.130973
1403	Singh D.; Singh M.; Verma D.; Pandey K.L.; Gupta S.	Does the Amati correlation exhibit redshift-driven heterogeneity in long GRBs?	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics	866				4.3	10.1016/j.physletb.2025.139500
1404	Ramakrishnan K.; Reddy Y.A.K.; Ajitha B.	Growth Control of Cu2-xS Films for Visible-Near Infrared Photodetectors	ACS Applied Electronic Materials	7	9	4144	4160	4.3	10.1021/acsaelm.5c00340

1405	Biroju R.K.; Paltasingh S.N.; Sahoo M.R.; Dhara S.; Maity D.; Vretenár V.; Giri P.K.; Narayanan T.N.; Nayak S.K.	Graphene-ZnO Thin-Film Heterostructure-Based Efficient UV Photosensors	ACS Applied Electronic Materials					4.3	10.1021/acsaelm.5c00348
1406	Thangavel R.; Sivaperuman K.; Thirumalaisamy L.; Pandiaraj S.; Alruwaili M.; Alanazi N.; Alodhayb A.N.; Abeykoon C.; Grace A.N.	Unleashing Synergy: rGO Decorated on a Cobalt-Doped ZnFe2O4 Film to Detect Trace-Level NH3 at Ambient Temperature with High Response and Cross-Selectivity	ACS Applied Electronic Materials					4.3	10.1021/acsaelm.5c00618
1407	M.K.Nallakaruppan; Dhanaraj R.K.; Shukla S.; Subbaraj K.; Fuladi S.; Selvarajan S.; Alkhayyat A.	Reliable Secured Consumer IIoT Framework with Multi Layer Attack Interpretation and Prevention	IEEE Transactions on Consumer Electronics					4.3	10.1109/TCE.2025.3571597
1408	Dwivedi R.P.; Dubey R.; Mahapatra D.K.; Gupta S.	Ensemble Approach Assisted Specific Capacitance Prediction for Heteroatom-Doped High-Performance Supercapacitors	International Journal of Energy Research	2025	1			4.3	10.1155/er/5975979
1409	M M.; C S.D.	A bioprocess optimization study to enhance the production of Menaquinone-7 using Bacillus subtilis MM26	Microbial Cell Factories	24	1			4.3	10.1186/s12934-025-02735-8

1410	Robinson G.I.; Gerasymchuk M.; Zanikov T.; Gojani E.G.; Asghari S.; Groves A.; Haselhorst L.; Nandakumar S.; Stahl C.; Cruz C.; Cameron M.; Zahoruiko Y.; Li D.; Rodriguez-Juarez R.; Snelling A.; Hudson D.; Fiselier A.; Kovalchuk O.; Kovalchuk I.	LPS-Induced Liver Inflammation Is Inhibited by Psilocybin and Eugenol in Mice	Pharmaceuticals	18	4			4.3	10.3390/ph18040451
1411	Viswanath N V.; Biswas K.	Conductive 2D g-C3N4 decorated wurtzite CuGaS2 as high stability electrode material for supercapacitor application	Diamond and Related Materials	157				4.3	10.1016/j.diamond.2025.112524
1412	Vikkash R.; Muthukumaran S.; Rakchana M.	Structural, photoluminescence, and photo-catalytic analysis of Mn and Cr dual doped ZnS nanostructures via co-precipitation route	Journal of Physics and Chemistry of Solids	207				4.3	10.1016/j.jpcs.2025.112892
1413	U H.; Ponraj C.; Sarkar S.	Exploring the battery-like pseudocapacitive behavior of bismuth ferrite-N doped rGO composites	Journal of Physics and Chemistry of Solids	207				4.3	10.1016/j.jpcs.2025.112905

1414	Kurian A.; Shanmugam S.	Harnessing Z-scheme mechanism for the degradation of methyl orange and sulfamethoxazole using magnesium aluminate and bismuth oxide nanocomposite	Journal of Physics and Chemistry of Solids	207				4.3	10.1016/j.jpcs.2025.112966
1415	Bourahla C.; Chiker F.; Khachai H.; Khenata R.; Bouhemadou A.; Singh D.; Bin-Omran S.; Eithiraj R.D.; Jappor H.R.; Khan S.A.	Unveiling the structural, optical coating and thermoelectric characteristics of kesterite-quaternary chalcogenides Ag2InGaX4 (X = S, Se, Te) via DFT study	Journal of Physics and Chemistry of Solids	207				4.3	10.1016/j.jpcs.2025.112970
1416	Manikandan R.; Shanmugam R.; Pratheepkumar A.	Engaging hydrazine hydrate as a hydrogen source for cobalt(ii)-catalysed transfer hydrogenation of nitroaromatics	Chemical Communications	61	50	9043	9046	4.3	10.1039/d5cc01160d
1417	Natarajan A.; Krishnasamy V.; Singh M.	Device-Free Human Activity Recognition in Through-the-Wall Scenarios using Single Link WiFi Channel Measurements	IEEE Sensors Journal					4.3	10.1109/JSEN.2025.3576244
1418	Singh V.K.; Anand N.; Pal A.; Chowdhury A.; Srivastava A.	Anomaly Detection in Dynamic Graphs Using Multiple Encoding Strategies via Transformers	IEEE Transactions on Consumer Electronics					4.3	10.1109/TCE.2025.3573163
1419	Reddy D.V.S.; Golla M.; Thangavel S.	A New Soft-Switching High Gain DC-DC Converter With Reduced Components Realized by Active Clamp and Coupled Inductors	IEEE Transactions on Consumer Electronics					4.3	10.1109/TCE.2025.3576738

1420	Senthilkumar N.; Sarveswari S.; Choudhari P.; Chaudhari S.; Islam I.; Tamboli Y.; Vijayakumar V.	Novel benzimidazole-1, 3, 4-thiadiazole derivatives as casein kinase-2 inhibitors: synthesis, in vitro and in silico investigations	BMC Chemistry	19	1			4.3	10.1186/s13065-025-01532-z
1421	Suresh Kumar P.; Aryan Shyam S.; Rammohan A.; Ramesh Kumar C.; Shaik S.; Al-Mdallal Q.M.; Alam M.M.; Hussain F.	Advancing Capabilities With UAVs: A Comprehensive Review of Sensor Fusion, Path Planning, Energy Management, and Deep Learning Algorithms	International Journal of Energy Research	2025	1			4.3	10.1155/er/9959245
1422	Priyadarshini L.A.S.; Kataria R.	Microbial synthesis and extraction of value-added metabolites by Rhodotorula toruloides from waste stream: a sustainable approach	Microbial Cell Factories	24	1			4.3	10.1186/s12934-025-02752-7
1423	J., Jayachandran, Jagannathan; V., Sivakumar, V.; V., K, Vijayalakshmi; N., Mandela, Ngaira	Machine Learning-Enhanced MXene–Copper–Graphene THz Sensor for Accurate Salinity Sensing in Environmental Applications	Plasmonics					4.3	10.1007/s11468-025-03222-x
1424	R., Xu, Ruicong; A.K., Sharma, Avadhesh Kumar; R., Kumar, Ravinder; Z., Ahmed, Zeeshan; H., Laffolley, Hugo; R., Yokoyama, Ryo; S., Miwa, Shuichiro; S., Suzuki, Shunichi	Enhanced hazardous aerosol mitigation from laser-irradiated surfaces using an optimized electrically charged spray system	Chemical Engineering Science	318				4.3	10.1016/j.ces.2025.122192

1425	M., Kiran Prabha, M.; A.S., Santhi, A. S.	Ternary blended steel wool fibre reinforced self-compacting concrete: A sustainable approach	Structures	80				4.3	10.1016/j.istruc.2025.109732
1426	S., Muniyappan, Sinnappadass; R., Krishnaiah, Ravi	Investigation on the Effects of the ZnO Combustion Enhancer to Ascertain the Blend Ratio Using Artificial Intelligence and a Statistical Approach for a Diesel-Biodiesel-Ethanol-Fueled CI Engine	ACS Omega	10	25	26579	26604	4.3	10.1021/acsomega.5c00624
1427	S., Fouziya Sulthana, S.; U., Mohammed Iqbal, U.; R., Anbazhagan, Rajesh; B.S., Sreeja, B. S.; R., Chinthaginjala, Ravikumar; T., Kim, Tae-hoon; I., Ahmad, Irfan; Y., Jung, Youngjin	Investigations of Materials and Technologies Behind Environmental Pollution Monitoring Sensors for Global Health	ACS Omega					4.3	10.1021/acsomega.4c09790
1428	K., Jyothish, K.; R., Santiago, Roy	Molecular characterization of coronene fractals with predictive analysis of spectral and energetic properties through entropy measures	Chemical Engineering Science					4.3	10.1016/j.ces.2025.122266

1429	M., Kumar, Mukesh; V., Srivastava, Vikas; U., Devi, Uma; K.R., Nackwal, Khem Raj; M.Z., Ahmed, Mohammad Z.; P.K., Shukla, Prakash Kumar	In silico identification of novel CDK4 inhibitors for retinoblastoma	Chemical Physics Impact					4.3	10.1016/j.chphi.2024.100743
1430	A., Manimozhi, A.; T., Sumathi, T.; S., Saravanan, Sreeja; N., Dhachanamoorthi, N.; M., Saravanakumar, M.; K., Jayaprakash, Kaliyamurthy	Dual purpose of graphene decorated with Cu3SnS4 as a counter electrode for dye sensitized solar cells and degradation of tetracycline antibiotics	Chemical Physics Impact					4.3	10.1016/j.chphi.2024.100779
1431	D., Karthikeyan, Divyapriya; S., Kumar, Sanjit; N.S., Jayaprakash, N. S.	Pharmacophore-based approach for the identification of prospective UDP-2,3-diacylglucosamine hydrolase (LpxH) inhibitor from natural product database against Salmonella Typhi	Chemical Physics Impact					4.3	10.1016/j.chphi.2025.100824
1432	H., Movva, Harshavardhaan; A., Karmakar, Aparajita; S.K., Hariom, Senthil Kumar; R., S, Rajapriya; M.U., Hasan, Md?Gulzar Ull; R.K., Kumar das, Raunak Kumar; E.J.R., Nelson, E. J. R.; P., Srivastava, Priyanka	Cellular interactions of colloidal nanosilver and role of alginate capping in prevention of soluble Ag+ leaching	Chemical Physics Impact					4.3	10.1016/j.chphi.2025.100915

1433	S., S, Swagath; P., Nayak, Prateek; K., Pal, Kuntal	Exploring the Microbial Peptides Derived from the Human Gut Microbiota to Regulate Class B GPCRS Using an In Silico Approach	ACS Omega					4.3	10.1021/acsomega.5c03268
1434	S., Jayaraman, Sobia; P., Shukla, Pankaj	Magnetohydrodynamic analysis of a couple stress fluid porous cylinder enclosed by a Newtonian shell using Happel, Kvashnin, and Mehta-Morse models	Physics of Fluids					4.3	10.1063/5.0282004
1435	C., Rajathi, C.; R., Panjanathan, Rukmani	A Two-Phase Feature Selection Framework for Intrusion Detection System: Balancing Relevance and Computational Efficiency (2P-FSID)	Applied Artificial Intelligence					4.3	10.1080/08839514.2025.2539396
1436	C., Kalaiselvi, Chelladurai; M.S., Pandian, Muthu Senthil; K.C., Nagamuthu Raja, Krishna Chandar	MXene-based ternary nanocomposites as photocatalysts for the Simultaneous photocatalytic degradation of single and mixed dyes	Chemical Engineering Science					4.3	10.1016/j.ces.2025.122512
1437	N., Kuruthukulangara, Nethra; D., Thirumalai, Devarajan; I.V., Asharani, I. V.	Eco-friendly synthesis and photocatalytic application of rGO-MgO nanocomposites for eosin Y dye degradation	Chemical Physics Impact					4.3	10.1016/j.chphi.2025.100939

1438	M., Bhat, Manasa; K., Ghosh, Kaustab; R., Gnanasekaran, Ramachandran	Atomic Ordered Functionalization by Covalent and Noncovalent Interactions for Glycine Detection in Armchair Graphene Nanoribbons?A Theoretical Approach	ACS Omega					4.3	10.1021/acsomega.5c04724
1439	R., Juliana, R.; V., Janarthanan, Vignesh; U., M, Umamaheswari; S., S, Sasikanth	Black Phosphorus-Assisted Plasmonic Enhancement in D-Shaped Photonic Crystal Fibers for Advanced Biomedical Sensing	Plasmonics					4.3	10.1007/s11468-025-03267-y
1440	K., Sathyabama, Kowsalya; S., Firdous, Saiyyeda	Effect of Pyrolysis Temperature on the Physicochemical Properties and Structural Characteristics of Agricultural Wastes-Derived Biochar	ACS Omega					4.3	10.1021/acsomega.5c00120
1441	S., Sujana Praisilin, S.; R., Gayathri, R.; C., Muthusamy, C.	Effect of trench configuration on the scattering and radiation of surface gravity waves by different floating breakwaters	Physics of Fluids					4.3	10.1063/5.0278889
1442	D.L., Chauhan, Divya L.; S.S., Wanjari, Shikhil S.; M.M., Katiya, Manish M.	Nanoparticles in organic condensation reactions: A review	Chemical Physics Impact					4.3	10.1016/j.chphi.2025.100932

1443	Sujana Praisilin, S.; Muthusamy, M.	Gravity wave interaction of fibrillar adhesive floating breakwater proximity to rigid and porous structures positioned at a finite distance from a monotonically decreasing seabed	Physics of Fluids	37	10			4.3	10.1063/5.0293625
1444	Manuel, M.; Angamuthu, P.	Mathematical Modeling of H1-Antihistamines: A QSPR Approach Using Topological Indices	ACS Omega	10	41	49019	49034	4.3	10.1021/acsomega.5c07577
1445	Gulawani, S.; Mamgain, R.; Gajbhiye, V.; Srivastava, P.	Synthetic Epoxy?Phenanthridine?Triazole Conjugates Induce Dual Redox Imbalance and Metabolic Remodeling in Breast Cancer Cells: An Integrative Mechanistic Evaluation from Synthesis to Mitochondrial Collapse	ACS Omega	10	40	47504	47516	4.3	10.1021/acsomega.5c07039
1446	Pragalathan, S.; Velmurugan, V.	Brief Review on Nanofiber-Based Triboelectric Material: A Promising Candidate for a Triboelectric Nanogenerator	ACS Omega	10	41	47732	47747	4.3	10.1021/acsomega.5c06844
1447	Rajendran, N.; Karthikeyan, S.	Catalytic Applications of BTC-Based Metal?Organic Frameworks: Synthesis, Properties, and Mechanistic Insights	ACS Omega	10	38	43327	43362	4.3	10.1021/acsomega.5c04470

1448	Dhanasekaran, P.; Chittibabu, S.; Mouzeyar, S.; Boulaflous-Stevens, A.; Delattre, C.; Roche, J.	From waste to wonder: The potential of protein hydrolysates as plant biostimulants in agriculture	Bioresource Technology Reports	32				4.3	10.1016/j.biteb.2025.102333
1449	Lawrence, L.V.; Rewanwar, C.; Shown, O.; Vishnu, D.	Impact of nanoparticles in microalgal quantification: Advancements in enhancing biomass valorization and evaluating toxicity effects	Bioresource Technology Reports	32				4.3	10.1016/j.biteb.2025.102354
1450	S, J.R.J.; Radhakrishnan, V.; D, R.B.	Study of biocompatibility and wound healing properties of strontium hexaferrite (SrFe12O19) nanoparticles	Chemical Physics Impact	11				4.3	10.1016/j.chphi.2025.100960
1451	Arun, A.; Viswanathan, A.; Umamaheswari, M.; Krishnaraj, N.	Ultrafast Laser-induced Silver Nanostructures for Plasmon-Enhanced Detection of Cancer Cell Metabolic Dynamics	Plasmonics					4.3	10.1007/s11468-025-03307-7
1452	D.B.; Radhakrishnan, V.; D, R.B.	Enhanced antibacterial and wound healing properties for Ni-Zn-Co ferrite nanoparticles	Chemical Physics Impact	11				4.3	10.1016/j.chphi.2025.100980
1453	Rani, R.; Saha, S.	Effect of capillary?gravity wave motion on the hydrodynamic performance of a rigid, bottom-mounted, surface-piercing cylinder in the presence of a partially immersed compound cylindrical breakwater	Physics of Fluids	37	11			4.3	10.1063/5.0295290

1454	Senthil, R.; Vijayan, V.; Pelit, L.; Kavukcu, S.B.; Hayati, T.; Vedakumari, S.-W.; Thangavelu, T.	Graphene oxide reinforced nanocellulose/leather waste-based biopolymer nano compounds for possible bioenergy production	Chemical Physics Impact	5				4.3	10.1016/j.chphi.2022.100111
1455	Roy, K.; Gupta, A.S.; Lodha, R.; Kumar Bal, D.K.; Bhasarkar, J.	Ultrasound-Assisted Persulfate Activation for Degradation of Carbamazepine Using Fe3O4Catalyst: ANN?GA and RSM Modeling with Mechanistic Insights	ACS ES and T Water	5	12	7397	7411	4.3	10.1021/acsestwater.5c00867
1456	Reddappa, B.; B, B.R.; Gunakala, S.R.; Reddy, B.P.	Recent advances in fluid dynamics and its applications	Physics of Fluids	37	11			4.3	10.1063/5.0303531
1457	Kiruba, B.; R.R.R.; S.R.; Vino, V.; Lulu S, S.	Implications of Single-Cell RNA Sequencing in Cervical Cancer: Unravelling the Molecular Landscape	ACS Omega	10	49	60080	60093	4.3	10.1021/acsomega.5c06987
1458	Thanuskodi Rajakumar, A.; Gothandam, G.	Tuned by time: the role of circadian rhythms in metabolic energy sensing and chronotherapy	Annals of Medicine	57	1			4.3	10.1080/07853890.2025.2596548
1459	Tripathi G., Dutta S., Mishra A., Basu S., Gupta V., Kamaraj C.	Nanomaterials impact in phytohormone signaling networks of plants − A critical review	Plant Science	352				4.2	10.1016/j.plantsci.2024.112373
1460	S P.; Tripathy A.; Sahoo G.S.; Losic D.	Junction less tunnel field-effect transistors (JLTFET): A transformation from design to diagnosis	Materials Science in Semiconductor Processing	192				4.2	10.1016/j.mssp.2025.109402

1461	Mushtaq M.; Sathyakam P.U.	Optimizing hematite photoanodes: a critical review of hydrothermal, sol–gel, ALD, and electrodeposition techniques	Clean Technologies and Environmental Policy					4.2	10.1007/s10098-024-03092-7
1462	Hussain S.M.S.; Mohd. Asiaftab M.; Farooq S.M.; Latif A.; Konstantinou C.; Abido M.A.	A Public Key based Quantum Secure Digital Signature Scheme for Securing IEC 61850 R-GOOSE and R-SV Messages	IEEE Transactions on Industry Applications					4.2	10.1109/TIA.2025.3542726
1463	Poply G.; Manisha; Kumar D.; Majumder T.; Kumar T.; Singh V.; Bori J.; Hmar J.J.L.	High resistive switching current ratio, excellent endurance and stability for bistable non-volatile memristor and photosensing devices based on perovskite/titanium dioxide embedded in polyvinyl alcohol matrix	Materials Science in Semiconductor Processing	193				4.2	10.1016/j.mssp.2025.109511
1464	Dhar S.; Ahmad F.; Deshpande A.; Rana S.S.; Ahmed A T.; Priyadarsini S.	3-Dimensional printing and bioprinting in neurological sciences: applications in surgery, imaging, tissue engineering, and pharmacology and therapeutics	Journal of materials science. Materials in medicine	36	1	32		4.2	10.1007/s10856-025-06877-4
1465	Javid A.; John B.; Ahmed S.A.	Impact of nanoadditives on lubricant performance under real-operating conditions: Engine performance study and wear analysis	Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems					4.2	10.1177/23977914251334922

1466	Sridhar N.; Manian R.	Advances in biochar production from microalgae: techniques, challenges, and environmental benefits	Clean Technologies and Environmental Policy					4.2	10.1007/s10098-025-03192-y
1467	Hiruthyaswamy S.P.; Bose A.; Upadhyay A.; Raha T.; Bhattacharjee S.; Singha I.; Ray S.; Nicky Macarius N.M.; Viswanathan P.; Deepankumar K.	Molecular signaling pathways in osteoarthritis and biomaterials for cartilage regeneration: a review	Bioengineered	16	1			4.2	10.1080/21655979.2025.2501880
1468	Manisha; Poply G.; Pathania S.; Majumder T.; Kumar D.; Singh V.; Bori J.; Hmar J.J.L.	Synthesis and characterization of zinc-doped magnesium ferrites for enhanced dielectric and magnetic properties for hydroelectric power generation applications	Materials Science in Semiconductor Processing	198				4.2	10.1016/j.mssp.2025.109773
1469	Khan R.; Al Moyeen A.; Islam A.; Habib M.A.; Heia J.T.; Bhuyan M.H.; Dhanaraj K.	Enhancing the performance in p-type SnO TFTs through SiC co-sputtering and oxygen vacancy control	Materials Science in Semiconductor Processing	198				4.2	10.1016/j.mssp.2025.109793
1470	Manikandan R.; Singh R.R.	Non-invasive Condition Monitoring (Pre-fault) of IGBT Power Modules in 3-Level NPC for EV Applications	IEEE Transactions on Industry Applications					4.2	10.1109/TIA.2025.3573234
1471	Chakrabarti S.	Acceleration from a phase of entropic balance	European Physical Journal C	85	5			4.2	10.1140/epjc/s10052-025-14335-2

1472	Sahoo K.; Lingasamy P.; Khatun M.; Sudhakaran S.L.; Salumets A.; Sundararajan V.; Modhukur V.	Artificial Intelligence in cancer epigenomics: a review on advances in pan-cancer detection and precision medicine	Epigenetics and Chromatin	18	1			4.2	10.1186/s13072-025-00595-5
1473	K.E., Roys, Krupa Elsa; M., S L, Manju; M., Siddiq, Mohamed; A., Sambandam, Anandan	New D-(p)n-A configured metal-free organic dyes as active photosensitizers for enhanced power conversion efficiency	Dyes and Pigments	243				4.2	10.1016/j.dyepig.2025.113049
1474	M.A.L., Sarker, Md Abdul Latif; P., Selvaprabhu, Poongundran; null; S., Chinnadurai, Sunil; B., Senouci, Benaoumeur; D., Han, Dongseog	Hybrid beamforming with branchwise phase shifters for RIS-Assisted 6G wireless communications	ICT Express					4.2	10.1016/j.icte.2025.06.014
1475	S., Mathpal, Shalini; P., Priyamvada, Priyamvada; G., Ashok, Gayathri; T., Joshi, Tushar; D., Saha, Deepanjan; A., Mukherjee, Ankit; B., Roy, Biraj; S., Ramaiah, Sudha; A., Anbarasu, Anand	Network pharmacology-driven investigation of luteolin from Annona muricata as a promising multi-target inhibitor for pancreatic cancer	Results in Chemistry	16				4.2	10.1016/j.rechem.2025.102506

1476	S., Chandhinipriya, S.; R., Jambulingam, Ranjitha	Visible-light-driven photocatalytic synthesis of methyl oleate using TiO2/Fe2O3 with process optimization and scale-up: A path toward a drop-in sustainable fuel approach	Results in Chemistry	16				4.2	10.1016/j.rechem.2025.102510
1477	R., Vijay, Ragupathi; D., Yogesh, Dasari; R., Shanmugam, Ramasamy; N., Lingaiah, Nakka; T., Ponpandian, Thanasekaran; G.H., Gunasekar, Gunniya Hariyanandam	A metal-free porous organic polymer-based heterogeneous catalyst for the borrowing hydrogen-mediated N-alkylation of sulfonamides with alcohols	Catalysis Science and Technology					4.2	10.1039/d5cy00562k
1478	M.K., S, Merlyn Keziah; M., V, Mohanasrinivasan; M., M, Maneesha; S.D., C, Subathra Devi	Hyperproduction of nattokinase from Bacillus subtilis VIT MS2 using random mutagenesis and statistical optimization through central composite design	BMC Microbiology	25	1			4.2	10.1186/s12866-025-04150-w
1479	R., Juliet, Ramya; N., Ramesh, Nachimuthu	Investigating the phenotypic alterations associated with hypermucoviscous hypervirulent Klebsiella pneumoniae during phage resistance development	BMC Microbiology					4.2	10.1186/s12866-025-04268-x

1480	K., Yogalakshmi, K.; D., Easwaramoorthy, D.	Multifractal based topological characterization of perovskite crystal and predictive analysis on its physical properties	Frontiers in Chemistry					4.2	10.3389/fchem.2025.1639522
1481	V., Thillainayagam, Venkatesan; R., Thirunavukarasu, Ramkumar; A.P., J., Arun Pandian	Enhanced Multi-Level Recommender System Using Turnover-Based Weighting for Predicting Regional Preferences	Computers					4.2	10.3390/computers14070294
1482	C., Yogalakshmi, C.; B.J., Balamurugan, B. J.	QSPR graph model to explore physicochemical properties of potential antiviral drugs of dengue disease through novel coloring-based topological indices	Frontiers in Chemistry					4.2	10.3389/fchem.2025.1599715
1483	P., Moorthy, Padmini; S., Kaliyaperumal, Sakthivel; T., Albrecht, Tim; K.K., Sarigamala, Karthik Kiran	Harnessing plasmonic charge dynamics for next-generation battery chemistries	Chemical Communications					4.2	10.1039/d5cc02467f
1484	K.J., Desai, Krishnarao Jayaram; A., Uppuluru, Ajay; K., Hariprasath, Krishnamoorthy; M., R, Manikandan; J., Jayakumar, Jayachandran; K., Padala, Kishor; A., Pratheepkumar, Annamalai	Recent advances in the annulative cyclization of 2-alkynylanilines: transition metal, metal-free, photoredox, and electrochemical approaches	Chemical Communications					4.2	10.1039/d5cc03457d

1485	V.S., Shanthini, V. S.; C., Devarajulu, Chitra; G., Moorthy, Ganesh	Biodiesel: A comprehensive review of properties, catalyst types, and feedstock sources	Results in Chemistry					4.2	10.1016/j.rechem.2025.102678
1486	Arunachalam, S.; Balamurali, M.M.; Gnanasekaran, R.	Computational insights into novel inhibitors: virtual screening of small molecules against human carbonic anhydrase II	Frontiers in Chemistry	13				4.2	10.3389/fchem.2025.1627793
1487	Kurian, A.; Nair, A.G.; Sumathi, S.; Kesarla, M.	Synthesis of magnesium doped bismuth oxide for the photocatalytic degradation of methyl orange and tetracycline	Results in Chemistry	18				4.2	10.1016/j.rechem.2025.102738
1488	Kommoju, A.; Ramalingam, S.; Boddepalli, S.; Reddy, S.R.; Mukkamala, S.B.; Reddy, M.C.; Khatravath, M.; Naveen, T.; Padala, K.	Iron photocatalysis in dual catalysis: forming C-C and C-X bonds	Chemical Communications	61	82	15930	15952	4.2	10.1039/d5cc04246a
1489	Selvam, P.; Ashok Kumar, S.K.	A novel phenyl quinazoline-coumarin based fluorescent probe for micro-viscosity detection and its potential applications	Dyes and Pigments	246				4.2	10.1016/j.dyepig.2025.113395
1490	Kim, B.; Natarajan, Y.; Sri Preethaa, K.R.; V, V.; Shamet, R.; Chen, J.; Xie, R.; Copeland, T.; Nam, B.H.; An, J.	Advancements in Sinkhole Remediation: Field data-driven Sinkhole grout volume prediction model via machine learning-based regression Analysis	Artificial Intelligence in Geosciences	6	2			4.2	10.1016/j.aiig.2025.100159

1491	Malhan, A.H.; Krishnan, K.	Catalytic hydrogenation of alkyne with planar tetracoordinate carbon in CAl3MgH2? system	Frontiers in Chemistry	13				4.2	10.3389/fchem.2025.1672968
1492	Joy Prisca, A.; Jaganathan, B.	Quantitative structure?property relationship modeling and ranking of necrotizing fasciitis drugs via degree-based topological indices	Frontiers in Chemistry	13				4.2	10.3389/fchem.2025.1668093
1493	Tapashree Roy, C.; Sarveswari, S.	A highly selective quinoline-appended Schiff base for colorimetric recognition of arsenite in the presence of cyanide: A masking approach with real-life applications	Results in Chemistry	18				4.2	10.1016/j.rechem.2025.102782
1494	Andal, K.P.; Sanjay, R.; Kumar, A.S.	The sustainable fabrication of ?-MnO2/graphene oxide composites from waste battery graphite via in situ electrochemical exfoliation for supercapacitors and aqueous zinc-ion batteries	Chemical Communications	61	93	18368	18371	4.2	10.1039/d5cc02065d
1495	Santiago, S.; Noah Antony Daniel Renai, P.; Jyothish, K.	On computation of information entropy measures for certain fractal molecular architectures	Frontiers in Chemistry	13				4.2	10.3389/fchem.2025.1677841
1496	Yasam, P.; Rajagopal, R.	D-ribose based organo catalyst for the sustainable synthesis of bioactive biscoumarins	Results in Chemistry	18				4.2	10.1016/j.rechem.2025.102882

1497	Xavier, R.; Thirumalaisamy, L.; Nallakumar, S.; Ravikumar, T.; Thomas, A.; Arunachalam, J.; Sekar, A.; Sivaperuman, K.; Swati, G.	Acetaldehyde detection using nickel-incorporated WO3 thin films prepared via spray pyrolysis	Results in Chemistry	18				4.2	10.1016/j.rechem.2025.102891
1498	Joseph Gnanaraj, S.; K, K.	Development of eco-hydrophobic composite concrete: a multi-scale investigation of?strength, durability, and sustainability metrics	Journal of Sustainable Cement-Based Materials					4.2	10.1080/21650373.2025.2578386
1499	Pandeeswari, E.; Jeyaraj, J.	Topological insights into breast cancer drugs: a QSPR approach using resolving topological indices	Frontiers in Chemistry	13				4.2	10.3389/fchem.2025.1710442
1500	Akheel Ahmed, A.; Mohan, N.; Mithra, U.; Vijayakumar, V.; Sarveswari, S.	Organic chemosensors: A comprehensive review of lead, cadmium, and arsenic ion detection strategies	Results in Chemistry	18				4.2	10.1016/j.rechem.2025.102823
1501	S.; S, M.	Secure beamforming via machine learning-driven joint optimization in IRS-assisted wireless systems	ICT Express					4.2	10.1016/j.icte.2025.10.014
1502	Tulaskar, D.P.; Sindhu, B.; Chakole, N.; Parteki, R.; Leema, A.A.; Balakrishnan, P.; A.; Girhe, R.; Kulkarni, M.B.; Bhaiyya, M.	AI and ML empowering 5G and shaping the 6G future: Models, metrics, architectures, and applications	ICT Express					4.2	10.1016/j.icte.2025.11.024

1503	Gajipara, D.; Parmar, M.; Modasiya, I.J.; Italiya, G.; Ramalingam, P.S.; Sharma, D.; Nithyashree, J.K.; Al-Dies, A.-A.M.; Patel, B.Y.	Exploring indole-based Schiff bases as potential dual-action ?-amylase inhibitors and anti-inflammatory agents: SAR, pharmacokinetic and in-silico insights	Results in Chemistry	18				4.2	10.1016/j.rechem.2025.102895
1504	Sunitha, M.S.; Vijayakumar, V.; Parthasarathy, K.; Sarveswari, S.	Synthesis of a highly selective indazole-based chemosensor for detecting the lethal CN? and its real-time applications in water samples	Results in Chemistry	19				4.2	10.1016/j.rechem.2025.102927
1505	Vasudevan, D.; Sangeetha, D.	Wound healing evaluation of chitin Nanowhisker-reinforced silk Sericin/polyvinyl alcohol films incorporating Curcuma longa extract	Results in Chemistry	19				4.2	10.1016/j.rechem.2025.102945
1506	Revathi, S.; Meena, M.; Ghatak, T.	Unlocking metal-free access to 1,4-disubstituted 1,2,3-triazoles: mechanistic foundations and theoretical insights	Results in Chemistry	19				4.2	10.1016/j.rechem.2025.102949
1507	Joshi, B.; Paira, P.; Uma, K.; Shivashankar, M.	Synthesis and Biological Evaluation of ?-Conjugated Ir(III) Complexes: Cytotoxic Potential, DNA/HSA Binding, Thermodynamics, and Antioxidant Activity	Drug Development Research	86	8			4.2	10.1002/ddr.70204
1508	Vikkash, R.; Muthukumaran, S.; Rakchana, M.; Sakthivel, P.	Enhanced structural, optical and photocatalytic properties of Zn0.96Mn0.04S nanostructures with Ni doping	Optical Materials	169				4.2	10.1016/j.optmat.2025.117623

1509	Vishnu Vardhan, K.; Ganesh, G.	An experimental, statistical, and machine learning approach to evaluate the fresh and mechanical properties of graphene oxide concrete	Nondestructive Testing and Evaluation					4.2	10.1080/10589759.2025.2593424
1510	Mondal, S.; Gurumoorthy, A.V.P.; Moorthy, I.G.	Sustainable production of biodiesel from non-edible kernel-derived feedstocks: A comprehensive review of production processes, properties, and optimization	Results in Chemistry	20				4.2	10.1016/j.rechem.2025.102967
1511	Priyadharshini A., Velu K.S., Napoleon A.A., Roy P., Ahmad N., Palanisamy S., You S., Mohandoss S., Kim S.-C.	N, P, S-doped carbon dots as photoluminescent probe for highly sensitive detection of Cu2+ and Fe3+ ions: Applications in cancer cell imaging and real samples	Journal of Photochemistry and Photobiology A: Chemistry	462				4.1	10.1016/j.jphotochem.2025.116267
1512	Chaudhari A.D.; Joshi V.V.	Air moisture harvesting in soil for indoor agriculture: A comparative study of moisture dynamics in shallow porous beds	Physics of Fluids	36	12			4.1	10.1063/5.0238860
1513	Baskaran P., Muthiah B., Uthirapathy V.	A systematic review on biomaterials and their recent progress in biomedical applications: Bone tissue engineering	Reviews in Inorganic Chemistry					4.1	10.1515/revic-2024-0062
1514	A S.J.; N R.B.; P B.	Crop leaf disease classification using fractional integral image enhancement and quantum convolutional neural networks approaches	Quantum Machine Intelligence	7	1			4.1	10.1007/s42484-025-00249-5

1515	Saha S.; Barman K.K.; Bora S.N.; Tsai C.-C.	Wave scattering by a coaxial pair of surface-piercing porous cylinder and bottomless thick annular cylinder	Physics of Fluids	37	2			4.1	10.1063/5.0254942
1516	Valarmathi K.; Mohnish Karthikeyan B.; Navaneetha Krishnan S.	An efficient prediction-based dynamic resource allocation framework in quantum cloud using knowledge-based offline reinforcement learning	Quantum Machine Intelligence	7	1			4.1	10.1007/s42484-025-00257-5
1517	Vinayagam Y.; Venkatraman G.; Devi Rajeswari V.	Sustainable treatment of glass industry wastewater using biogenic Zinc oxide nanoparticles: Antibacterial and photocatalytic efficacy	International Biodeterioration and Biodegradation	200				4.1	10.1016/j.ibiod.2025.106036
1518	Anthuvan Ezhilarasi P.; Mohanavel D.	Heat transfer and sensitivity exploration of gyrotactic microorganisms suspended in a Casson hybrid nanofluid flow on a permeable stenosed artery	Physics of Fluids	37	2			4.1	10.1063/5.0254303
1519	H B.; Venkatesan K.	Effect of honeycomb and rectangular textured cutting tools on inconel 713C MQL turning under different spray cooling conditions	Materials and Manufacturing Processes					4.1	10.1080/10426914.2025.2469542

1520	Lekha C.S.C.; Purushothaman S.M.; Begum S.R.; Munirathinam P.; Chandrasekhar A.; Tronco M.F.; Ponçot M.; Ameduri B.; Thomas S.; Royaud I.; Rouxel D.; Kalarikkal N.	Flexible piezoelectric and hybrid nanogenerators based on single layered and stacked multilayered PVDF/CoFe2O4/KNaNbO3 composite electrospun nanofibers	Polymer	325				4.1	10.1016/j.polymer.2025.128257
1521	Bhatt R.; Maiti D.K.; Alam M.M.; Zhou Q.	Flow around two square cylinders near a wall	Physics of Fluids	37	3			4.1	10.1063/5.0256028
1522	Jayaraman S.; Shukla P.	Analytical study of couple stress fluid flow past a semipermeable cylinder with an embedded solid core-biporous medium	Physics of Fluids	37	3			4.1	10.1063/5.0264045
1523	Vignesh G.; Oyyaravelu R.	Surface processing of DMLS Inconel 718 through novel perpendicular burnishing	Materials and Manufacturing Processes					4.1	10.1080/10426914.2025.2487291
1524	Kumar M.P.; Summaq A.; Chinnadurai S.; Selvaprabhu P.; Kumaravelu V.B.; Sarker M.A.L.; Han D.S.	Optimizing sum rates in IoT networks: A novel IRS-NOMA cooperative system	ICT Express					4.1	10.1016/j.icte.2025.04.003
1525	Venkatachalam V.; Ganapathy S.; Perumal I.; N P.; Joseph Stanley S.J.; Inbaraj D.J.	Tailoring CdTe colloidal quantum dots growth kinetics with Ag and In dopants for dazzling white-light emission	Journal of Photochemistry and Photobiology A: Chemistry	468				4.1	10.1016/j.jphotochem.2025.116492
1526	Arunkumar K.; Sudhakar R.; Kanagaraj R.; Om Prakasam S.	Machinability of graphene filler abaca/sisal hybrid composite during AWJM process	Materials and Manufacturing Processes					4.1	10.1080/10426914.2025.2507065

1527	Suganthi A.; Mohamed Jasim K.	Exploring the Antecedents of Users' Intention on Virtual Tours and Video Walkthroughs in Rental Accommodation Apps–An Integrated PLS-SEM-ANN-NCA Approach	Journal of Internet Commerce	24	01-Feb	89	129	4.1	10.1080/15332861.2025.2497970
1528	Jain P.; Jain R.; Tyagi B.	RLSK_US: An Improved Dynamic Virtual Machine Consolidation Model to Optimize Energy and SLA Violations in Cloud Datacenter	Journal of Network and Systems Management	33	3			4.1	10.1007/s10922-025-09936-x
1529	Dhavakumar P.; Vengadeswaran S.	Software defect prediction using graph sample and aggregate-attention network optimized with nomadic people optimizer for enhancing the software reliability	Computer Standards and Interfaces	95				4.1	10.1016/j.csi.2025.104033
1530	Thenmozhi R.; Navamathavan R.	Fabrication of spinel CuNiMn2O4 nanoparticles encapsulated with g-C3N4 nanosheets for bifunctional sensor and energy storage applications	Sensors and Actuators A: Physical	393				4.1	10.1016/j.sna.2025.116815
1531	Vinoth K.; Kumar S.R.	Morphological, molecular, and pharmacological review of veldt grape (Cissus quadrangularis L.): an underutilized medicinal plant	Frontiers in Plant Science	16				4.1	10.3389/fpls.2025.1586624

1532	A., Joseph, Alphonsa; U., Vijayalakshmi, U.	A facile synthesis of perforated PVA-PVP-chitosan-silica nanofibrous scaffold for enhanced bone regeneration applications	Emergent Materials					4.1	10.1007/s42247-025-01148-y
1533	A., Vinod, Anjana; A.B., Diraviam, Arvindha Babu; M.R., Muthuvel, Manivel Raja; W., Madhuri, W.	Exploring critical exponent and glass-forming ability of nanoperm type-Fe88Zr7B4Cu1 metallic glasses: an integrated experimental and theoretical approach	Emergent Materials					4.1	10.1007/s42247-025-01173-x
1534	S., V, Sangeetha; A., Loganathan, Agilandeeswari	Artificial intelligence enabled spectral-spatial feature extraction techniques for land use and land cover classification using hyperspectral images ◆ An inclusive review	Egyptian Journal of Remote Sensing and Space Science	28	3	455	467	4.1	10.1016/j.ejrs.2025.06.004
1535	M.Y., Rahamathulla, Mohemmed Yousuf; M., Ramaiah, Mangayarkarasi	Building robust lightweight network intrusion detection: a multi-pronged approach with DSSTE and deep learning for securing edge-enabled industrial IoT applications	Cluster Computing					4.1	10.1007/s10586-025-05171-w
1536	J., Rani J, Jansi; S., Roy, Sovan	DNA and BSA binding, DNA cleavage, anticancer activity and In-Silico drug screening study of novel heteroleptic Cu(II) complexes of polypyridyl ligands	European Journal of Medicinal Chemistry Reports					4.1	10.1016/j.ejmcr.2025.100292

1537	T., Majumder, Tanmoy; A., Bhattacharjee, Abhishek; P., Chakraborty, Pinak; D., Fonseca, Darryll; T., Arun, Thirumurugan; S., Roy, Sritama	Current and future perspective of graphene quantum dots based quantum dots sensitized solar cell	Emergent Materials					4.1	10.1007/s42247-025-01143-3
1538	S., Manimaran, Sentheni; D., Uma Priya, D.; A., Maria, Azees; A.S., Rajasekaran, Arun Sekar	Exploring the potential of artificial intelligence and machine learning in healthcare: challenges and research directions	Cluster Computing					4.1	10.1007/s10586-025-05372-3
1539	P., Sandhya, Prakash; B., Venkataramana, B.; T.P., Kumar, Thangavel Pradeesh; S., Radhakrishnan, Sujatha	Thermal and RGB image dataset for detection and management of Fall Army Worm (FAW) infestation in maize	Frontiers in Agronomy					4.1	10.3389/fagro.2025.1629681
1540	M., Sheik Sameem, M.; T., Jothika, T.; Z.C., Alex, Zachariah C.; S.R., Meher, Samir Ranjan	Enhanced optoelectronic properties of doped?BaZrS3?perovskites towards solar cell applications: a comprehensive review	Emergent Materials					4.1	10.1007/s42247-025-01201-w
1541	Seenu, P.; Iyer, S.K.	An imidazole-based fluorescent sensor for selective detection of Cu2+ and BF3 with environmental applications	Sensors and Diagnostics					4.1	10.1039/d5sd00021a

1542	Anbu, H.K.; Karthikeyan, K.	Cyclic performance of plug-in ventilated precast shear walls with grouted couplers: experimental and numerical analysis	Bulletin of Earthquake Engineering					4.1	10.1007/s10518-025-02305-8
1543	Sreejam, M.; Loganathan, L.	Deep multimodal unmixing of hyperspectral images using Convolutional Block Attention Module (CBAM) and LiDAR features	Egyptian Journal of Remote Sensing and Space Science	28	4	666	680	4.1	10.1016/j.ejrs.2025.10.002
1544	Karthikeyan, P.; Brindha, K.	FogChainFlow: On-off blockchain data management for optimizing IoT healthcare	Cluster Computing	28	16			4.1	10.1007/s10586-025-05698-y
1545	Mohanapriya, D.; Thenmozhi, K.	Surface-modified titanium carbide MXene as an effective platform for the immobilization of toluidine blue and H2O2 biomarker detection in biological samples	Sensors and Diagnostics					4.1	10.1039/d5sd00114e
1546	Sekar, U.; Radhakrishnan, J.; Biswas, K.	A review on the cooperative effect of intimate interfacial TMD/MXene (2D/2D) heterostructures for an enhanced electrocatalytic hydrogen evolution reaction	Sustainable Energy and Fuels	9	20	5399	5431	4.1	10.1039/d5se00408j
1547	Geetha, P.; Padmavathy, T.; Vinodha, D.; Abirami, G.	Resource allocation in cloud auction-based market by hybrid optimization algorithm	Cluster Computing	29	1			4.1	10.1007/s10586-025-05767-2
1548	Martin, A.M.; Choudhary, A.	Numerical Investigation of water wave scattering on docks over multiple rectangular seabed configurations	Engineering Analysis with Boundary Elements	181				4.1	10.1016/j.enganabound.2025.106515

1549	Jeyavim Sherin, R.C.J.; Parkavi, K.	NIDS-APNHA: a transfer learning based network intrusion detection system with alert prioritization and network harmony analysis	Cluster Computing	28	16			4.1	10.1007/s10586-025-05780-5
1550	Bhattacharya, B.; Debroy, A.; Viswanathan, D.; Anandraj, F.N.; Neerugatti, K.E.; Mukherjee, A.	Ecofriendly algal extracellular polymeric substance-based nanobiocomposite for photodegradation of bisphenol A	iScience	28	12			4.1	10.1016/j.isci.2025.114021
1551	Thangavel, R.; Sivaperuman, K.; Thirumalaisamy, L.; Malathi A, C.J.; Saravanan, S.; Alruwaili, M.; Alanazi, N.; Alodhayb, A.N.; Ramesh, R.; Abeykoon, C.; Grace, A.N.	Trace level detection of NH3 at room temperature using Cd-ZnFe2O4 thin films	iScience	29	1			4.1	10.1016/j.isci.2025.114271
1552	Sujana Praisilin, S.; Gayathri, R.; Muthusamy, M.	Wave scattering and radiation of reversed E-type floating structure over a series of two different sinusoidal bottom seabeds	Engineering Analysis with Boundary Elements	182				4.1	10.1016/j.enganabound.2025.106556
1553	Thabrez, M.; Manoj, S.; Parimalarenganayaki, S.; Lakshmanan, L.	A novel weighted hazard index framework for evaluating health risks from groundwater contamination in Hassan region, southern India	Physics and Chemistry of the Earth	141				4.1	10.1016/j.pce.2025.104176

1554	Sridhar, D.; Thabrez, M.; Parimalarenganayaki, S.; Lakshmanan, L.	Integrated risk assessment and management strategies for uranium and other potentially toxic elements (PTEs) contamination in groundwater: A case study from Krishnagiri district, Tamil Nadu, India	Physics and Chemistry of the Earth	141				4.1	10.1016/j.pce.2025.104207
1555	Hadkar, V.M.; Roopan, S.M.; Selvaraj, C.I.	Biosynthesis and Characterization of Ag3PO4/SnO2 Nanocomposites for Effective Photocatalytic Degradation of Rhodamine B and Biological Applications	Journal of Nanotechnology	2025	1			4.1	10.1155/jnt/2778206
1556	Vijayasri M., Archana N., Dhanalakshmi M., Vinitha G., Ahamed S.R., Parthiban S.	Metal-organic hybrids of tin(IV) with tuneable band gap: Synthesis, single crystal X-ray structural, BVS and Z-scan studies of 1-methylimidazolinium hexahalostannate(IV)	Journal of Molecular Structure	1327				4	10.1016/j.molstruc.2024.141133
1557	anouar E.H., Mohamed S.K., Karthikeyan S., Bakhite E.A., Marae I.S., Abdel-Rahman A.E., Gad M., Abuelhassan S., Mague J.T., Filali I., Balboul B.A.A., El Bakri Y.	Potential GSK-3 binding of two novel pyrazolo[3,4-g]isoquinoline derivatives: Synthesis, structural characterization, and computational studies	Journal of Molecular Structure	1330				4	10.1016/j.molstruc.2025.141513

1558	Shi K.-G., Mathivathanan L., Liu C., Feng X.-Q., Hou X.-Y., Zhao W.-B., Wang Z.-Y.	Synthesis, characterization, and catechol oxidase mimic activity of heptanuclear copper bipyrazolate complex	Journal of Molecular Structure	1328				4	10.1016/j.molstruc.2025.141312
1559	Daniel P., Arockiaraj M., Peter P., Clement J.	Structural analysis of bond information entropy and HOMO-LUMO gap in CLO and KFI zeolites	Journal of Molecular Structure	1328				4	10.1016/j.molstruc.2024.141276
1560	Mahalingam M.S., Kumar N.S., Devi R.K., Logeshwaran J.	A reliable inter-domain routing framework for autonomous systems using hybrid Blockchain	Computers and Electrical Engineering	123				4	10.1016/j.compeleceng.2024.110031
1561	Ananthi A., Subathra M.S.P., George S.T., Peter G., Stonier A.A., Sairamya N.J.	A fusion wavelet-based binary pattern approach for enhanced electroencephalogram signal classification	Computers and Electrical Engineering	123				4	10.1016/j.compeleceng.2024.110019
1562	Choudhary R., Ahmad F., Kaya C., Upadhyay S.K., Muneer S., Kumar V., Meena M., Liu H., Upadhyaya H., Seth C.S.	Decrypting proteomics, transcriptomics, genomics, and integrated omics for augmenting the abiotic, biotic, and climate change stress resilience in plants	Journal of Plant Physiology	305				4	10.1016/j.jplph.2025.154430
1563	Chatterjee D.; Sivashanmugam K.	Immunomodulatory peptides: new therapeutic horizons for emerging and re-emerging infectious diseases	Frontiers in Microbiology	15				4	10.3389/fmicb.2024.1505571
1564	Patle B.R.; V V.	Scalable COVID-19 classification using map reduce framework and deep learning enabled hunter Jaya African vultures optimization	Computers and Electrical Engineering	123				4	10.1016/j.compeleceng.2024.109943

1565	Shanker M.A.; Rana S.S.	Prospects of cold plasma in enhancing food phenolics: analyzing nutritional potential and process optimization through RSM and AI techniques	Frontiers in Nutrition	11				4	10.3389/fnut.2024.1504958
1566	Sebastian S.; Roy S.; Kalita J.	Network-based analysis of Alzheimer's Disease genes using multi-omics network integration with graph diffusion	Journal of Biomedical Informatics	164				4	10.1016/j.jbi.2025.104797
1567	Dragojević J.S.; Milanovic; Matić J.; Divac V.M.; Kosanić M.; Milivojević D.; Petković M.; Singh F.V.; Kostić M.D.	Dual activity of newly synthesized Zn(II) and Cu(II) schiff base complexes as a potential solution for global challenges in the fight against priority microorganisms	Journal of Molecular Structure	1335				4	10.1016/j.molstruc.2025.142052
1568	Suresh K.N.; C S.D.	Exploring the fibrinolytic potential of marine Actinoalloteichus caeruleus isolated from Bay of Bengal coast	BMC Microbiology	25	1			4	10.1186/s12866-025-03815-w
1569	Narayanan L.; Maruthavanan T.; Vaithiyanathan R.; Venkatesan G.; Vivekanandan K.E.; Kaliyannan G.; Kumar P.S.M.; Bosco M.S.A.J.; Murugadoss G.; Suseem S.R.	Comprehensive investigation of antibacterial, cytotoxic, and antioxidant activities of Ipomoea staphylina flower extract with isolation and characterization of Beta-sitosterol	Journal of Molecular Structure	1336				4	10.1016/j.molstruc.2025.142045

1570	Arunadevi E.; Umamaheswari S.; Wang S.-P.	Optimising inventory systems for sustainable practices: integrating rebates and preservation technology for effective amelioration and deterioration control	International Journal of Systems Science: Operations and Logistics	12	1			4	10.1080/23302674.2025.2467790
1571	Ravikumar K.; Dangate M.S.	Imidazole and thiazole derivatives: Synthesis, characterization, and nonlinear optical properties	Journal of Molecular Structure	1338				4	10.1016/j.molstruc.2025.142287
1572	Baral A.; Gopinath A.; Swain S.; Ju S.; Satish L.	Insight into the interaction of MnO2@Polyaniline composite with bovine serum albumin	Journal of Molecular Structure	1339				4	10.1016/j.molstruc.2025.142395
1573	Anupriya P.; Karpagam S.	Synthesis and characterization of conjugated perylene-triazine based porous organic oligomer material and its application for iodine adsorption	Journal of Molecular Structure	1338				4	10.1016/j.molstruc.2025.142189
1574	Nagarajan K.; Chelladurai M.D.; Mani S.; Pavadai P.; Theivendren P.; Palanisamy P.; Sankaranarayanan M.; Kunjiappan S.	Unlocking antidiabetic potential: Novel compounds from endophytic fungi isolated from Manihot esculenta Crantz tuberous roots	Journal of Molecular Structure	1337				4	10.1016/j.molstruc.2025.142083
1575	Bhaskar R.; Somkuwar P.; Babu M.; Ann M.; Raju V.; Majeed S.A.; Kumar S.K.A.	A tris-buffer appended Schiff base as a fluorescent probe for Al3+ and its potential application in Zebrafish imaging	Synthetic Metals	312				4	10.1016/j.synthmet.2025.117870

1576	Murugan S.; B S.S.S.; Gopinath P.; Saravanan R.; Sundaram S.; Shanmugasundaram G.; Venkatraman G.; Rayala S.K.	Pak1 dysregulates pyruvate metabolism in PDAC cells by exerting a phosphorylation-mediated regulatory effect on PDHA1	Journal of Biological Chemistry	301	4			4	10.1016/j.jbc.2025.108409
1577	Pattapulavar V.; Ramanujam S.; Sekaran M.; Chandrasekaran R.; Panchal S.; Christopher J.G.	Biosynthetic Pathway of psi, psi-Carotene from Streptomyces sp. VITGV38 (MCC 4869)	Frontiers in Microbiology	16				4	10.3389/fmicb.2025.1548894
1578	Durairaj L.; Murugesan M.	Recent innovations in EMI shielding materials for stealth technology	Synthetic Metals	312				4	10.1016/j.synthmet.2025.117874
1579	Suhail S.; K. H.M.; Saha S.	Wave scattering by an elastic plate in a viscous fluid of finite depth	Marine Structures	103				4	10.1016/j.marstruc.2025.103833
1580	Sekar A.; Sheela A.	Iminomethyl-based copper complexes as precursors for copper oxide nanoparticles and investigations on protein interaction studies	Journal of Molecular Structure	1340				4	10.1016/j.molstruc.2025.142340
1581	Blessy M.L.; Dhas D.A.; Joe I.H.; Vinitha G.	Crystal growth, structural, vibrational, topological and z-scan analysis of novel NLO active bis (2-amino-3-methylpyridinium) 5-sulfosalicylate monohydrate single crystal: Experimental and Computational approach	Journal of Molecular Structure	1340				4	10.1016/j.molstruc.2025.142594

1582	Sivaperumal N.; Jothimani G.; Stonier A.A.; Peter G.; Arun V.; Ganji V.	Enhanced one stage interleaved PFC Cuk configuration-based EV charger with reduced components	Computers and Electrical Engineering	126				4	10.1016/j.compeleceng.2025.110497
1583	Raji V.; Muthurakku U.R.	Exploration of the growth and nonlinear optical traits of the novel organic stilbazolium derivative-based single crystal of 2-[2-(3,4,5-trimethoxy-phenyl)-vinyl]-1-methyl-pyridinium+ iodide−	Journal of Molecular Structure	1343				4	10.1016/j.molstruc.2025.142854
1584	Kavya P.; Krishnamurthy S.; Bhave S.; Telugu S.; Gayathri M.	Standardisation, chemical characterisation, and evaluation of antihyperglycemic and antioxidant activity of an edible polyherbal formulation: An in vitro and in silico study	Journal of Molecular Structure	1344				4	10.1016/j.molstruc.2025.142925
1585	Sundar R.D.V.; Arunachalam S.	2,4-Di-tert-butylphenol from Endophytic Fungi Fusarium oxysporum attenuates the growth of multidrug-resistant pathogens	Frontiers in Microbiology	16				4	10.3389/fmicb.2025.1575021
1586	Tomichen S.; Panchal S.	The cardamom-Fusarium pathosystem: current knowledge and future directions	World Journal of Microbiology and Biotechnology	41	6			4	10.1007/s11274-025-04426-3

1587	J., Dhayanithi, J.; T.K., Hotta, Tapano Kumar	Thermal Performance Assessment of Nano-Enhanced Phase Change Material-Based Building Envelopes for Tropical Climatic Cities in India	Energy Storage	7	5			4	10.1002/est2.70220
1588	K., Vinod, Krishna; A., Sasinthiran, Abirami; N., Thangaraj, Nathezhtha; S., Gnanasekaran, Sakthivel	A hybrid deep learning approach to automate industrial quality control	International Journal of Computer Integrated Manufacturing					4	10.1080/0951192X.2025.2531485
1589	S., Devaraj, Sankarganesh; A., Balasundaram, Ambritha; H., Sampath, Hayavadhan; D., Manjunath, Diya; C., George Priya Doss, C.	In-silico evaluation of putative maternal semiochemicals of pigs with receptor proteins	Frontiers in Molecular Biosciences					4	10.3389/fmolb.2025.1600209
1590	P., B S, Praveen; P., Talwar, Priti	Influence of palmitoylation in axonal transport mechanisms in neurodegenerative diseases	Frontiers in Cellular Neuroscience					4	10.3389/fncel.2025.1613379
1591	K., Venkatesh, Krishna; I., Jenova, I.; K., Shunmugavel, Karthikeyan; S., Madeswaran, Saminathan; G., Aristatil, G.; R.M., Gnanamuthu, Ramasamy M.	Development of guar gum-based solid electrolyte for zinc-air battery applications	Polymer Bulletin					4	10.1007/s00289-025-06043-4

1592	D.M., Mathkor, Darin Mansor; S., Tawil, Samah; A.K., Johargy, Ayman Khalid; H.S., Faidah, Hani S.; A.O., Babalghith, Ahmad O.; N.A., Jalal, Naif A.; F., Bantun, Farkad; F., Ahmad, Faraz; S., Haque, Shafiul	Respiratory and gastrointestinal infections among Hajj pilgrims during the 2012?2025 seasons: A systematic review	Journal of Infection and Public Health					4	10.1016/j.jiph.2025.102951
1593	S., Dinesh, S.; J., Sahu, Jambeswar	A Comprehensive Review on Laser Powder Bed Fusion Process of SS316L Mechanical Properties and Post-Processing	Metals and Materials International					4	10.1007/s12540-025-02034-2
1594	S., Biswas, Sonali; L., Muruganandam, L.; I.M., Ganesh Moorthy, Innasi Muthu	Innovations and strategies for sustainable wastewater-integrated microalgal biodiesel production	Current Research in Biotechnology					4	10.1016/j.crbiot.2025.100335
1595	Tiwary, N.; Naik N, V.; Panda, A.K.; Narendra, A.; Lenka, R.K.	A Robust Voltage Control of DAB Converter With Super-Twisting Sliding Mode Approach	IEEE Journal of Emerging and Selected Topics in Industrial Electronics	4	1	288	298	4	10.1109/JESTIE.2022.3227007
1596	Senapati, L.; Panda, A.K.; Garg, M.M.; Lenka, R.K.	An Adaptive Estimator Based Sliding Mode Control of Nonisolated Single-Input Double-Output Cuk Converter	IEEE Journal of Emerging and Selected Topics in Industrial Electronics	4	2	482	491	4	10.1109/JESTIE.2022.3224883

1597	Haque, S.; Bantun, F.; Jalal, N.A.; Faidah, H.; Babalghith, A.O.; Alobaidy, M.A.; Aldairi, A.F.; Ahmad, F.	Gut microbiota alterations and their association with tumorigenic pathways in colorectal cancer: insights from a pooled analysis of 109 microbiome datasets	Gut Pathogens	17	1			4	10.1186/s13099-025-00712-5
1598	Siva, V.; Raghuram, M.; Singh, A.; Singh, S.K.; Siwakoti, Y.P.	Switching Strategy to Reduce Inductor Current Ripple and Common Mode Voltage in Quasi Z-Source Ultra Sparse Matrix Converter	IEEE Journal of Emerging and Selected Topics in Industrial Electronics	4	4	1159	1169	4	10.1109/JESTIE.2023.3268589
1599	Nasinathan, R.; Rajaram, K.	Nano-Engineered Composite Phase Change Material: A High Thermal Stability and Energy-Efficient Thermal Management Strategy for Li-Ion Batteries	Energy Storage	7	8			4	10.1002/est2.70299

1600	Matin, M.; K Singla, R.; J??wik, A.; Horba?czuk, J.O.; Ksepka, N.; Wysocki, K.; Ijinu, T.P.; Krishnakumar, N.M.; Sasidharan, S.P.; Obidike, I.C.; Igoli, J.; Fusi, F.; Frazzini, S.; Rossi, L.; Mickael, M.-E.; Joshi, A.; Adamska, O.; Stolarczyk, A.; Capanoglu, E.; G?nal-K?ro?lu, D.; Cheng, S.-H.; Atrooz, O.M.; Kharat, K.; Abu-Reidah, I.M.; Rani, N.; Kabra, A.; Kabra, R.; Preethidan, D.S.; Surendran, P.; Abdallah, E.M.; Harilal, S.; Sachdeva, R.; Abidullah, S.; Hemanth Kumar, H.K.; Arora, V.; Ramalingam, P.S.; Elangovan, S.; Arumugam, S.; Alam, T.; Aru?i, E.; Gonz?lez-Burgos, E.; Ure?a-Vacas, I.; Lopez-Miranda, V.;	Health-promoting and medicinal properties of Zingiberaceae family plants: A minireview with a special focus on galangal, turmeric, cardamom, and ginger	Current Research in Biotechnology	10				4	10.1016/j.crbiot.2025.100329
1601	Haque, S.; Bima, A.I.; Babalghith, A.O.; Jalal, N.A.; Aldairi, A.F.; Wahid, M.; Ahmad, F.; Bantun, F.	Distinct gut microbiota signatures and metabolic dysregulation in individuals with type 1 diabetes: insights into a microbiome-metabolite axis	Gut Pathogens	17	1			4	10.1186/s13099-025-00779-0

1602	Joni, M.; Kavitha, T.; Kumar A, A.	Performance evaluation and load-bearing assessment of sustainable polyester rebar composites reinforced with chopped flax fibers and bagasse biochar	Polymer Bulletin	83	2			4	10.1007/s00289-025-06145-z
1603	Suvitha, L.; Surjit, R.; Ramasamy, R.	Eco-friendly dyeing of bacterial cellulose using Beta vulgaris L?extract	Polymer Bulletin	83	2			4	10.1007/s00289-025-06173-9
1604	Humera Farheen, V.; Abdullah, M.; Ganesh Moorthy, I.	Lignocellulosic bioethanol production: a review on pretreatment strategies, biofuel separation, and artificial intelligence/machine learning ? based sustainable optimization	Current Research in Biotechnology	11				4	10.1016/j.crbiot.2025.100355
1605	Viveka S.S., Logu T., Ahsan N., Karthikeyan J., Kalainathan S., Okada Y., Sethuraman K.	Investigation on intermediate band formation and photoresponsivity enhancement of spray deposited Sn doped CuGaS2 (CuGa1-xSnxS2) thin films	Materials Science and Engineering: B	313				3.9	10.1016/j.mseb.2024.117950
1606	Zachariah E.S.; Mathew R.M.; Jose J.; John J.; G V.; Thomas V.; I R.	Defect induced third order optical nonlinearities of nitrogen doped graphene quantum dots	Materials Science and Engineering: B	315				3.9	10.1016/j.mseb.2025.118107
1607	Vinodan K.; Balakrishnan R.; Kalarikkal N.; Begum S.R.; Munirathinam P.; Chandrasekhar A.; Rouxel D.	Exploring the flexibility of gapless and gapped devices using PVDF-TrFE-CTFE-rGO-KNbO3 nanocomposite films for energy harvesting applications	Materials Science and Engineering: B	315				3.9	10.1016/j.mseb.2025.118084

1608	Karthikeyan V.; Vivekanandan S.	IoT-based triboelectric nanogenerator for wrist pulse acquisition and analysis	RSC Advances	15	5	3592	3601	3.9	10.1039/d4ra08200a
1609	Thangavel M.; Elsen S R.	Evaluation and optimization of physical, mechanical, and biological characteristics of 3D printed Whitlockite/calcium silicate composite scaffold for bone tissue regeneration using response surface methodology	Biomedical materials (Bristol, England)	20	2			3.9	10.1088/1748-605X/adad27
1610	Manoj Kumar S.; Munusamy S.; Enbanathan S.; Ranganadin S.; Kulathu Iyer S.	Ratiometric discrimination of Th4+ ions by a fluorogenic quinoline appended phenanthridine sensor and its applications	RSC Advances	15	6	4546	4552	3.9	10.1039/d4ra08840a
1611	Mathpal S.; Joshi T.; Priyamvada P.; Ramaiah S.; Anbarasu A.	Machine learning and cheminformatics-based Identification of lichen-derived compounds targeting mutant PBP4R200L in Staphylococcus aureus	Molecular Diversity					3.9	10.1007/s11030-025-11125-6
1612	Sharma D.; Arumugam S.	Pharmacophore-based identification and in Silico characterization of microbial metabolites as potential modulators of Wnt signaling pathway in colorectal cancer therapy	Molecular Diversity					3.9	10.1007/s11030-024-11103-4

1613	Mariyam S.; Kumar V.; Roychoudhury A.; Ghodake G.S.; Muneer S.; Duhan J.S.; Ahmad F.; Sharma R.K.; Singh J.; Seth C.S.	Functional Diversification and Mechanistic Insights of MYB Transcription Factors in Mediating Plant Growth and Development, Secondary Metabolism, and Stress Responses	Journal of Plant Growth Regulation					3.9	10.1007/s00344-025-11622-w
1614	Vijaya B.; Usha Rani M.	Effect of NiO Nanofiller on P(VdC-Co-AN) With PEG Polymer Blend Electrolyte for Energy Storage Applications	Journal of Polymer Science					3.9	10.1002/pol.20241029
1615	Roy N.; Nivedya T.; Paira P.; Chakrabarty R.	Selenium-based nanomaterials: Green and conventional synthesis methods, applications, and advances in dye degradation	RSC Advances	15	4	3008	3025	3.9	10.1039/d4ra07604d
1616	Sivaraj C.; Gandhi T.	Alternative and Sustainable Route to Explore a New Class of Amidines by Photochemical Synergistic Effect of Copper/Nitroxyl Radical Catalysis via Halogen-Atom Transfer	Chemistry - A European Journal	31	17			3.9	10.1002/chem.202404599
1617	Saidani O.; Goumri-Said S.; Yousfi A.; Sahoo G.S.; Kanoun M.B.	Probing high-efficiency Cs0.05(FA0.77MA0.23)0.95Pb(I0.77Br0.23)3-based perovskite solar cells through first principles computations and SCAPS-1D simulation	RSC Advances	15	10	7342	7353	3.9	10.1039/d4ra08323g

1618	Mohandoss S.; Priyadharshini A.; Velu K.S.; Napoleon A.A.; Roy P.; Ahmad N.; Khan M.R.; Palanisamy S.; You S.; Kim S.-C.	Rare-earth metal-doped orange emissive photoluminescent carbon quantum dots for highly sensitive detection of Hg2+ ions: Multi-color imaging and real samples	Materials Science and Engineering: B	317				3.9	10.1016/j.mseb.2025.118236
1619	Saluja D.; Seenu P.; Enbanathan S.; Iyer S.K.	Exploring the sensing properties of pH-sensitive carbazole-based AIE emitters and their applications in paper strip sensing	RSC Advances	15	11	8553	8560	3.9	10.1039/d4ra08882d
1620	Salaimanimagudam M.P.; Jayaprakash J.	Synergistic potential of topology optimization and lattice structures in concrete 3D printed beams	Structures	76				3.9	10.1016/j.istruc.2025.108892
1621	Loganathan T.; George Priya Doss C.	Computational molecular insights into ibrutinib as a potent inhibitor of HER2-L755S mutant in breast cancer: gene expression studies, virtual screening, docking, and molecular dynamics analysis	Frontiers in Molecular Biosciences	12				3.9	10.3389/fmolb.2025.1510896
1622	J L B.J.; Dhanasingh I.	An update on thermostable keratinases for protein engineering against feather pollutants	Applied Microbiology and Biotechnology	109	1			3.9	10.1007/s00253-025-13459-5
1623	Nivedya T.; Roy N.; Paira P.; Chakrabarty R.	Excavating medicinal virtues of chalcones to illuminate a new scope in cancer chemotherapy	RSC Advances	15	15	11617	11638	3.9	10.1039/d5ra01280e

1624	Mahesh T.R.; Balajee A.; Dorai D.R.; Sehgal L.; Khan S.B.; Kumar V.V.; Almusharraf A.	RSPDT: Randomized Search Probabilistic Decision Tree Classifier for Pollution Level Prediction in Smart Cities	Human-centric Computing and Information Sciences	15		15	27	3.9	10.22967/HCIS.2025.15.027
1625	Sivaraj C.; Udayan A.T.; Muthuvel K.; Gandhi T.	Ligand-Enabled Photoinduced Ruthenium Catalysis for Ortho-C–O Bond Formation at Room Temperature	Chemistry - A European Journal	31	29			3.9	10.1002/chem.202500711
1626	Shobika M.; Roopan S.M.	Photocatalytic reaction pathway and mechanistic investigation for sustainable C(sp3)-N bond formation using Bi2WO6 photocatalyst	Molecular Catalysis	582				3.9	10.1016/j.mcat.2025.115190
1627	Sheik Moideen Thaha S.K.; Hasini M.P.; Nair R.R.; Sathish Kumar P.; Jeyajothi K.; Muruganandam L.; Rajasekaran C.; Basavegowda N.	Low-frequency ultrasound-enabled synthesis of Ag/TiO2/g-C3N4 nanocomposites for efficient visible-light-driven photocatalysis	Materials Science and Engineering: B	320				3.9	10.1016/j.mseb.2025.118408
1628	Nivetha N.; Venkatesan J.; Murugan D.; Rangasamy L.; Wu S.P.; Velmathi S.	New spirooxindole pyrrolidine/pyrrolizidine analogs: design, synthesis, and evaluation as an anticancer agent	RSC Advances	15	21	16623	16634	3.9	10.1039/d5ra01632k
1629	Vinod A.; Diraviam A.B.; Muthuvel M.R.; Wuppulluri M.	Rare earth-free magnetocaloric material Fe82Hf6Zr7B4Cu1 for high-temperature applications	RSC Advances	15	19	15310	15317	3.9	10.1039/d5ra01759a

1630	Lawrence L.V.; Venkat Kumar S.; Vishnu D.	Emerging trends on biologically synthesized nanofertilizers from microalgal extracts and their enhanced productivity in foliar and soil applications	Energy, Ecology and Environment					3.9	10.1007/s40974-025-00363-x
1631	Hadkar V.M.; Selvaraj C.I.	Bio-inspired Ag3PO4-ZnO Nanocomposites: Investigation of its Antioxidant, Anticancer Activity and Photocatalytic Degradation of Methylene Blue Dye	Journal of Inorganic and Organometallic Polymers and Materials					3.9	10.1007/s10904-025-03895-1
1632	Sammen S.S.; Amini A.; Othman Ahmed K.; Sadeghifar T.; Pushparaj J.; Naganna S.R.	Improving Bridge Safety: A Spider Monkey Optimization-based ANN Model for Scour Depth Prediction	Water Resources Management					3.9	10.1007/s11269-025-04224-4
1633	Aprameyha G.K.; C. N.Y.; S. H.K.; P.L. M.M.; Nayak C.; Mahesh P.	Tunable multi-mode terahertz transmitter using single-layer graphene with cascaded topological photonic structures	Materials Science and Engineering: B	321				3.9	10.1016/j.mseb.2025.118337
1634	Ganeshamoorthy N.; Jeyaram S.; Raphael J.J.; Kanagarajan S.M.	Investigating the synergistic effects of manganese sesquioxide and magnetite nanocomposites on magnetic hyperthermia efficiency	Materials Science and Engineering: B	321				3.9	10.1016/j.mseb.2025.118497
1635	Pooja Shaji R.; Kunjumon J.; Aleena P.A.; Jose A.K.; Shaiju S.S.; Nair S.S.; Vinitha G.; Alex J.; George M.; Sajan D.	Influence of cobalt doping on the structural and third order nonlinear optical properties of MgO nanostructures	Materials Science and Engineering: B	321				3.9	10.1016/j.mseb.2025.118507

1636	Kowsuki K.; Navamathavan R.	Synthesis and characterizations of Al-doped nickel cobalt oxide nanoparticles with superior electrochemical performance for supercapacitor applications	Materials Science and Engineering: B	321				3.9	10.1016/j.mseb.2025.118508
1637	Periyasamy P.; Sacratees S.; Ramanujam B.; Subramanian A.; Loganathan R.	Role of surface oxygen-deficiency on optical and charge storage capacity of frustrated cerium doped zirconium oxides nanoparticles	Materials Science and Engineering: B	321				3.9	10.1016/j.mseb.2025.118536
1638	Balaji D.; Swati G.	Rational design of a lead-free Cs2Na0.4Ag0.6In0.9Bi0.1Cl6:0.15Mn2+ double perovskite for enhancing the colour rendition index of UV-pumped W-LEDs	RSC Advances	15	23	18456	18466	3.9	10.1039/d5ra01415h
1639	P.J., Sephra, Percy J.; C., Tharini, Chandrapragasam; A., Sachdev, Abhay; M., Esakkimuthu, Manikandan	Electrochemical detection of phosphate ions using CoMoO4 and ammonium molybdate tetrahydrate-modified electrodes	Journal of Materials Science	60	27	11350	11368	3.9	10.1007/s10853-025-11150-8

1640	A., Righi, A.; F., Bendahma, Fatima; L., Abbes, Labdelli; M., Mana, M.; F., Bessaha, Fatiha; G., Bessaha, Gania; R., Khenata, Rabah; D., Singh, Devraj; R.D., Eithiraj, R. D.; B., Ul Haq, Bakhtiar	Structural, optoelectronic, thermodynamic, and thermoelectric properties of LiScNiZ (Z = Si, Ge, Sn) quaternary Heusler compounds via DFT approach	Computational Condensed Matter	44				3.9	10.1016/j.cocom.2025.e01092
1641	T.M., Shivani, Tholla Madana; S., Mythili, Sathiavelu	Comprehensive evaluation of bioactive properties and metabolomic profiling of probiotic bacteria Lactococcus lactis (MKL8)	Scientific Reports	15	1			3.9	10.1038/s41598-025-02327-x
1642	D., Kesavulu, Divya; R., Kannadasan, R.	Improved bio-inspired with machine learning computing approach for thyroid prediction	Scientific Reports	15	1			3.9	10.1038/s41598-025-03299-8
1643	S., Thirupathi, Suresh; V., Gopalan, Venkatachalam; E., Mallichetty, Elango	Optimization of thermal properties of palm fiber and nanofillers reinforced epoxy nanocomposite	Scientific Reports	15	1			3.9	10.1038/s41598-025-03474-x
1644	A., Panigrahi, Amrutanshu; A., Pati, Abhilash; B., Sahu, Bibhuprasad; R., Paul, Rourab; A.K., Nayak, Ajit Kumar; S., Chowdhury, Subrata; R., Govindaraj, Ramya; S., J, Shreyas	Enhancing blockchain transaction classification with ensemble learning approaches	Scientific Reports	15	1			3.9	10.1038/s41598-025-04072-7

1645	T., Bhardwaj, Tanisha; K., Sumangali, K.	An explainable federated blockchain framework with privacy-preserving AI optimization for securing healthcare data	Scientific Reports	15	1			3.9	10.1038/s41598-025-04083-4
1646	S., Ghosh, Soumyadip; S., Ramaiah, Sudha	Exploring the potential role of GyrA inhibiting quinoline analog: an in silico study	Scientific Reports	15	1			3.9	10.1038/s41598-025-04409-2
1647	V., Ritesh Choudary, V.; J., Anita Christaline, J.; N., Prem Sankar, N.	Comparative analysis of machine learning approaches for heatwave event prediction in India	Scientific Reports	15	1			3.9	10.1038/s41598-025-04634-9
1648	P., Dinesh, P.; R., Lakshmanan, Ramanathan	Multiclass semantic segmentation for prime disease detection with severity level identification in Citrus plant leaves	Scientific Reports	15	1			3.9	10.1038/s41598-025-04758-y
1649	K., Shyamala, K.; T.M., Navamani, T. M.	Design of a deep fusion model for early Parkinson&#65533;s disease prediction using handwritten image analysis	Scientific Reports	15	1			3.9	10.1038/s41598-025-04807-6
1650	S., Subathra, S.; V., Thanikaiselvan, V.	Enhanced security for medical images using a new 5D hyper chaotic map and deep learning based segmentation	Scientific Reports	15	1			3.9	10.1038/s41598-025-04906-4
1651	S., Kour, Simran; J.R., Sankar, J. Ravi	Characterization of tricyclic anti-depressant drugs efficacy via topological indices	Scientific Reports	15	1			3.9	10.1038/s41598-025-05045-6

1652	T.A., Rajaperumal, T. A.; C., Christopher Columbus, C.	Enhanced wind power forecasting using machine learning, deep learning models and ensemble integration	Scientific Reports	15	1			3.9	10.1038/s41598-025-05250-3
1653	L., Richard, L.; G.H., Dhruthi, G. H.; M., Ashwin Kumar, M.; A., Ghosh, Anoushka; R., Arumuga Arun, R.; N., Priyanka, N.	Enhancing occluded and standard bird object recognition using fuzzy-based ensembled computer vision approach with convolutional neural network	Scientific Reports	15	1			3.9	10.1038/s41598-025-05465-4
1654	S., Muniyappan, Sinnappadass; R., Krishnaiah, Ravi	Optimizing engine operating parameters for enhanced performance in a combustion-enhanced ternary-fuelled compression ignition engine	Scientific Reports	15	1			3.9	10.1038/s41598-025-05628-3
1655	J., Mishra, Jyotismita; A., Shankar, Ajay	Optimizing wind-PV-battery microgrids for sustainable and resilient residential communities	Scientific Reports	15	1			3.9	10.1038/s41598-025-06354-6
1656	D., Khandelwal, Deepen; P., Anand, Prateek; M., Ray, Mayukh; S.G., R.G., Sangeetha G.	Fault detection in electrical power systems using attention-GRU-based fault classifier (AGFC-Net)	Scientific Reports	15	1			3.9	10.1038/s41598-025-06493-w

1657	S., Thirupathi, Suresh; V., Gopalan, Venkatachalam; E., Mallichetty, Elango	Investigation of void content in Borassus flabellifer fiber/epoxy bio-nanocomposite using hyperparameter tuned ANN and response surface methodology optimisation	Scientific Reports	15	1			3.9	10.1038/s41598-025-06740-0
1658	Y., Nisha, Y.; G., Jagadeesh, G.	An automatic classification of breast cancer using fuzzy scoring based ResNet CNN model	Scientific Reports	15	1			3.9	10.1038/s41598-025-07013-6
1659	R., Rangarajan, Ramya; T.K., Murugan, Tamilarasi Kathirvel; L., Govindaraj, Logeswari; V., Venkataraman, Venyaa; K., Shankar, Krithik	AI driven automation for enhancing sustainability efforts in CDP report analysis	Scientific Reports	15	1			3.9	10.1038/s41598-025-07584-4
1660	R., Roobankumar, R.; M., SenthilPandian, M.	Investigating the correlation between ultrasonic pulse velocity and compressive strength in polyurethane foam concrete	Scientific Reports	15	1			3.9	10.1038/s41598-025-07666-3
1661	S., P, Shanthi; M., V, Manjula	Weapon detection with FMR-CNN and YOLOv8 for enhanced crime prevention and security	Scientific Reports	15	1			3.9	10.1038/s41598-025-07782-0

1662	S.K., Chandrasekaran, Senthil Kumar; V.A., Rajasekaran, Vijay Anand	Blended clustering energy efficient routing and PUF based authentication in IoT enabled smart agriculture systems	Scientific Reports	15	1			3.9	10.1038/s41598-025-07917-3
1663	J., Jayachandran, J.; K., Vimaladevi, K.	A dual layer secure and energy-efficient model for border surveillance using sea lion inspired strategy in wireless sensor networks	Scientific Reports	15	1			3.9	10.1038/s41598-025-07999-z
1664	K.B., Gayathri, K. B.; R., Santiago, Roy	Comparative QSPR study of food preservatives using topological indices and regression models	Scientific Reports	15	1			3.9	10.1038/s41598-025-08002-5
1665	C., Subbarayudu, Chatla; M., Kubendiran, Mohan	An automated hybrid deep learning framework for paddy leaf disease identification and classification	Scientific Reports	15	1			3.9	10.1038/s41598-025-08071-6
1666	S., Ajithkumar, Sitharaj; B., Arulmurugan, Balasubramanian; M., Manikandan, M.; M.S., Sathishkumar, M. Satish	Role of shielding gas in tailoring microstructure and anisotropy in wire arc additive manufactured Inconel 686	Scientific Reports	15	1			3.9	10.1038/s41598-025-08197-7

1667	A., Ramamurthy, Arun; G., Baburao, Giridhar; A., Jahnavi, Abburi; G., Ragupathy, Gopi	Encapsulation of greenhouse gases in clathrate hydrates with insights into structure, energetics, chemical interactions, and environmental implications	Scientific Reports	15	1			3.9	10.1038/s41598-025-08202-z
1668	C.H., Ramesh Babu, Ch H.; S., Nandakumar, S.	Towards energy-efficient joint relay selection and resource allocation for D2D communication using hybrid heuristic-based deep learning	Scientific Reports	15	1			3.9	10.1038/s41598-025-08290-x
1669	A., Vinod, Anjana; D., Arvindha Babu, Diraviam; N.V., Rama Rao, Neelam Vyaghreswara; M., Manivel Raja, Muthuvel; K., Guruvidyathri, K.; S., Srinath, Sanyadanam; W., Madhuri, W.	Glass forming ability and critical exponents in Hf-Modified Fe-Zr-B-Cu amorphous alloys for near room temperature magnetocaloric application	Scientific Reports	15	1			3.9	10.1038/s41598-025-08371-x
1670	G.R., Bi, Gajula Rukshana; S.K., Jindal, Sumit Kumar; S.P., Sahoo, Suraj Prakash	Investigation into electro mechanical behaviour of MEMS wing shaped dielectric capacitive pressure sensor conforming to set boundary conditions and sizing tolerances	Scientific Reports	15	1			3.9	10.1038/s41598-025-08654-3

1671	A., Kaviya, A.; V., Arumugam, Vasumathi; A., Vasudevan, Asokan; A., Razak, Abdul	Analysing the impact of work environment on job motivation and quality control practices and its effect on production output in the leather industry	Scientific Reports	15	1			3.9	10.1038/s41598-025-08694-9
1672	A.A., Iyer, A. Anandita; K.S., Umadevi, K. S.	Design and analysis of TwinCardio framework to detect and monitor cardiovascular diseases using digital twin and deep neural network	Scientific Reports	15	1			3.9	10.1038/s41598-025-08824-3
1673	R.K., T, Ranjith Kumar; L.P., G, Lakshmi Priya	Enhanced RF analog linearity in metal gate modulated heterojunction based uniform TFET for label-free detection of dengue NS1 protein	Scientific Reports	15	1			3.9	10.1038/s41598-025-08892-5
1674	V., Sharmila, V.; S., Geetha, S.	A recurrent multimodal sparse transformer framework for gastrointestinal disease classification	Scientific Reports	15	1			3.9	10.1038/s41598-025-08897-0
1675	U., Patri, Upender; K., Yadav, Kuldeep	Tunable terahertz biosensing and shielding using a graphene-enhanced dielectric resonator absorber	Scientific Reports	15	1			3.9	10.1038/s41598-025-08982-4

1676	S.N., MohanRajan, Sam Navin; A., Loganthan, Agilandeeswari; P., Manoharan, Prabukumar	ALST-W integrated index for enhanced surface temperature mapping of water bodies and vegetation using Landsat 8/9 satellite bands	Scientific Reports	15	1			3.9	10.1038/s41598-025-09247-w
1677	K., Murugan, K.; S., Palanisamy, Satheeshkumar; N., Sathishkumar, N.; T.A.N., Alshalali, Tagrid Abdullah N.	Advanced finite segmentation model with hybrid classifier learning for high-precision brain tumor delineation in PET imaging	Scientific Reports	15	1			3.9	10.1038/s41598-025-09638-z
1678	S., Jayaraman, Samanthisvaran; A., Mahendran, Anand	An interactive information based DCNN-BiLSTM model with dual attention mechanism for facial expression recognition	Scientific Reports	15	1			3.9	10.1038/s41598-025-09709-1
1679	E., Sangeetha, Elango; V.P., Ramachandran, Vijaya Priya	Speed and current harmonics reduction using an adaptive proportional integral resonant controller for PMSM based electric vehicle drives	Scientific Reports	15	1			3.9	10.1038/s41598-025-09981-1
1680	R., Austin, Remita; R., Parvathi, Ramasubramanian	CNN based method for classifying cervical cancer cells in pap smear images	Scientific Reports	15	1			3.9	10.1038/s41598-025-10009-x
1681	V.K., Selvaraj, Vinoth Kumar; J., Subramanian, Jeyanthi; null; K., Annamalai, K.; N., Elango, Natarajan; S., Kumaresan, Subramanian	A comparative study on acoustical properties using waste recycled porous materials for environmental sustainability	Scientific Reports	15	1			3.9	10.1038/s41598-025-10065-3

1682	T.J., Jenila, T. Jaqulin; W.T., Infancy, W. Trinisha; R., Rathikha, Ramaswamy; P., Annie Vinosha, P.; A., Manikandan, Ayyar; S., Ramasamy, Senthilkumar; S., Maruthasalamoorthy, Selvam; R., Navamathavan, Rangaswamy; B., Xavier, Belina; A.M., Alhuthali, Abdullah M.S.	Unraveling the role of MXene (Ti3C2Tx) integrated Cu-doped WO3 nanocomposites via co-precipitation technique for enhanced supercapacitor performance	Scientific Reports	15	1			3.9	10.1038/s41598-025-10174-z
1683	S.K., Pradhan, Sunil Kumar; S., Kabiraj, Subhayu; S.K., Gupta, Shivin Kumar; A.K., Singh, Abhishek Kr; P.G., Chavan, Padmakar Gangaram; S.S., Patil, Shubham Sambhaji; T.N., Pandey, Trilok Nath	Machine learning enhanced ultra-high vacuum system for predicting field emission performance in graphene reinforced aluminium based metal matrix composites	Scientific Reports	15	1			3.9	10.1038/s41598-025-10946-7

1684	R., Chinthaginjala, Ravikumar; A., Srinivasulu, Asadi; A., Agrawal, Anupam; T., Kim, Taehoon; S.P., Tera, Sivarama Prasad; S., Ahmad, Shafiq	Hybrid AI and semiconductor approaches for power quality improvement	Scientific Reports	15	1			3.9	10.1038/s41598-025-11116-5
1685	M., Kasiselvanathan, M.; S., Palanisamy, Satheeshkumar; N., Sathishkumar, N.; K.B., Gurumoorthy, K. B.; T.A.N., Alshalali, Tagrid Abdullah N.; S.L., Narayanan, S. Lakshmi	Cross-correlation-based signal pruning method (CCSPM) for effective signal distortion reduction in massive MIMO communications	Scientific Reports	15	1			3.9	10.1038/s41598-025-97403-7
1686	M., Kamalakannan, Mahalakshmi; J., Thomas, John; C., Natarajan, Chandrasekaran	Individual and combined toxicities of fluorescent polystyrene nanoplastics and chromium(iii) nitrate nonahydrate in Artemia salina	Environmental Science: Processes and Impacts					3.9	10.1039/d5em00251f
1687	R., Gharad, Rohan; C., Maity, Chandan	Self-Assembly-Driven Esterase Mimetic Behavior of a Naphthalenediimide Amphiphile in Aqueous Media	ChemCatChem					3.9	10.1002/cctc.202500882
1688	J., Rajalakshmi, Jagadeesan; D., Rajagopal, Desikan; A., Senthil Kumar, Annamalai	Sustainable CO2 Fixation into Cyclic Carbonates via NiO?CuO?ZnO Heterogenous Catalyst at Ambient Temperature	ChemCatChem					3.9	10.1002/cctc.202500934

1689	V.K., Selvaraj, Vinoth Kumar; J., Subramanian, Jeyanthi; V., Rajendran, Vijayakumar; R., Subramani, Raja	Assessment of open-cell bio-based flexible PU composites on multifunctional properties for futuristic applications: an initiative toward net-zero carbon emissions	Clean Technologies and Environmental Policy					3.9	10.1007/s10098-025-03302-w
1690	N.K., Minz, Nitish Kumar; M., Yadav, Monika; A., Prakash, Anshika; S., Kain, Shivani	Analysing the key drivers and barriers for implementing circular economy practices in waste management systems using ISM and MICMAC analysis	Cleaner Waste Systems					3.9	10.1016/j.clwas.2025.100381
1691	Y., Karuna, Yepuganti; N., Syamala, Neelam; C.V., Ravikumar, C. V.; P.K., Thakur, Pooja K.; S., Saritha, Saladi	Modified energy-based GAN for intensity in homogeneity correction in brain MR images	Scientific Reports					3.9	10.1038/s41598-025-08552-8
1692	P.K., V, Prem Kumar; M., Periyasamy, Manikandan; V., Vasugi, V.	Applications of bamboo fiber and bamboo stem ash with styrene butadiene rubber in cement mortar for sustainable structural application	Scientific Reports					3.9	10.1038/s41598-025-09337-9
1693	V., Sangeetha, V.; A., Loganathan, Agilandeeswari	A new band selection approach integrated with physical reflectance autoencoders and albedo recovery for hyperspectral image classification	Scientific Reports					3.9	10.1038/s41598-025-09355-7

1694	K.T., Felix, Kannan Thomas; M., Balasubramanian, Muniyandi; P.L., Govindarajan, Padma Lakshmi; B., Kesav, B.	Assessing the socioeconomic and environmental determinants of flood vulnerability in India: a panel data approach	Scientific Reports					3.9	10.1038/s41598-025-09442-9
1695	K., Bakshi, Kanishk; K., Srinivasan, Kathiravan	Quantum inspired qubit qutrit neural networks for real time financial forecasting	Scientific Reports					3.9	10.1038/s41598-025-09475-0
1696	D.E., Martina Jaincy, D. E.; P., Venkatasubbu, Pattabiraman	BCDCNN: breast cancer deep convolutional neural network for breast cancer detection using MRI images	Scientific Reports					3.9	10.1038/s41598-025-09974-0
1697	S., Ganesan, Sivasankar; T., Mohanraj, T.; R., Balakrishnan, Ramalingam; M.M., Rayguru, Madan Mohan; S.N., Tamilselvan, Sethu Narayanan	Accelerating RRT* convergence with novel nonuniform and uniform sampling approach	Scientific Reports					3.9	10.1038/s41598-025-09992-y
1698	J., Prabin Jose, J.; G.G., Jaffino, G. G.; M.A., Al-Awadh, Mohammed A.; S.R., Koppula, Srinivas Rao; Y., Yafang, Yan; K.M., Sivalingam, Krishna M.	IoT enabled health monitoring system using rider optimization algorithm and joint process estimation	Scientific Reports					3.9	10.1038/s41598-025-10199-4
1699	T., Paulraj, T.; Y.P., Obulesu, Yeddula Peda	Machine learning-based approach for reduction of energy consumption in hybrid energy storage electric vehicle	Scientific Reports					3.9	10.1038/s41598-025-11330-1

1700	S., Chellaiya, S.; T., Rueshwin, Thomas; R.D., Eithiraj, R. D.	Cationic substitution, dynamical stability, thermal stability, electronic and thermoelectric properties in 2D dialkali metal monoxides via DFT and ML approach	Scientific Reports					3.9	10.1038/s41598-025-11352-9
1701	S., Punitha, S.; K.S., Preetha, Kandasamy Subramanian	Enhancing reliability and security in cloud-based telesurgery systems leveraging swarm-evoked distributed federated learning framework to mitigate multiple attacks	Scientific Reports					3.9	10.1038/s41598-025-12027-1
1702	S., Munusamy, S.; J., K R, Jothi	Blockchain-enabled federated learning with edge analytics for secure and efficient electronic health records management	Scientific Reports					3.9	10.1038/s41598-025-12225-x
1703	S., Balamurali, S.; M., Kathirvelu, M.; S., Palanisamy, Satheeshkumar; I.H., Jaghdam, Ines Hilali	Redefining IoT networks for improving energy and memory efficiency through compressive sensing paradigm	Scientific Reports					3.9	10.1038/s41598-025-12278-y
1704	V.K., Suravarapu, Vasu Krishna; H.Y., Patil, Hemprasad Yashwant	Performance evaluation of enhanced deep learning classifiers for person identification and gender classification	Scientific Reports					3.9	10.1038/s41598-025-12474-w
1705	J., Jagannathan, J.; M.T., Vadivel, M. Thanjai; C., Divya, C.	Land use classification using multi-year Sentinel-2 images with deep learning ensemble network	Scientific Reports					3.9	10.1038/s41598-025-12512-7

1706	T.N., Pandey, Trilok Nath; V., Ravalekar, Vishvajeet; S.D., Nair, Sidharth D.; S.K., Pradhan, Sunil Kumar	A comparative analysis of classical machine learning models with quantum-inspired models for predicting world surface temperature	Scientific Reports					3.9	10.1038/s41598-025-12515-4
1707	P., Pradeep, P.; J., Kamalakannan, J.	Automated detection of Parkinson?s disease using improved linknet-ghostnet model based on handwriting images	Scientific Reports					3.9	10.1038/s41598-025-12636-w
1708	S.R., Nair, Sreelakshmi R.; C.S., Devi, C. Subathra	Statistical optimization of process variables for enhanced serratiopeptidase production from soil Serratia marcescens VS56	Scientific Reports					3.9	10.1038/s41598-025-13137-6
1709	L.A., Abraham, Lincy Annet; G., Palanisamy, Gopinath; G., Veerapu, Goutham	Transparent brain tumor detection using DenseNet169 and LIME	Scientific Reports					3.9	10.1038/s41598-025-13233-7
1710	R.T., A, Rajaperumal T.; C.C., Chinnappan, Christopher Columbus	Integrating data-driven and physics-based approaches for robust wind power prediction: A comprehensive ML-PINN-Simulink framework	Scientific Reports					3.9	10.1038/s41598-025-13306-7
1711	S., Anand, Saksham; A., Sharma, Abhiram; B., Natarajan, B.; A.S., Slathia, Ashwin Singh; A., Rathi, Ayush; K.P., Behara, Krishna Priyadarshan; R., Elakkiya, R.	CHASHNIt for enhancing skin disease classification using GAN augmented hybrid model with LIME and SHAP based XAI heatmaps	Scientific Reports					3.9	10.1038/s41598-025-13647-3

1712	R., Nithya, R.; C.M., Vidhyapathi, C. M.	Transfer learning based deep architecture for lung cancer classification using CT image with pattern and entropy based feature set	Scientific Reports					3.9	10.1038/s41598-025-13755-0
1713	S.V., Salimath, Shivabasayya V.; K.B., Hiremath, Kavita B.; S., Thanigachalam, Sathish; A., Ghosh, Arjita; S.K., Ramasamy, Selva Kumar; A., Moorthy, Anbalagan; S.K., Ashok Kumar, S. K.; M., Shivashankar, Murugesh; M., Pathak, Madhvesh	In-vitro antiproliferative evaluation of newly synthesized titanium(IV) metallacyclic complexes on HeLa and MCF7 cell lines	Scientific Reports					3.9	10.1038/s41598-025-13995-0
1714	S.P., Tera, Sivarama Prasad; R., Chinthaginjala, Ravikumar; I., Shahzadi, Irum; P., Natha, Priya; S.O., Rab, Safia Obaidur	Deep learning approach for automated hMPV classification	Scientific Reports					3.9	10.1038/s41598-025-14467-1
1715	A., S, Ayeswarya; J.S., K, John Singh	Enhancing security and usability with context aware multi-biometric fusion for continuous user authentication	Scientific Reports					3.9	10.1038/s41598-025-14833-z

1716	T., Kim, Taehoon; A., Srinivasulu, Asadi; R., Chinthaginjala, Ravikumar; J., Dhakshayani, J.; X., Zhao, Xin; S., Obaidur Rab, Safia; S.P., Tera, Sivarama Prasad	Improving CNN predictive accuracy in COVID-19 health analytics	Scientific Reports					3.9	10.1038/s41598-025-15218-y
1717	A., Mohan, Archana; N., Kumar, Niraj	Compact wideband implantable antenna for wireless capsule endoscopy application in the 2.45?GHz ISM band	Scientific Reports					3.9	10.1038/s41598-025-15591-8
1718	M.S., Patel, Md Saad; A., Rahaman, Ariful; R.J., Immanuel, R. Jose	Study on the synergetic effect of Gd and Y alloying on the microstructure and deformation behavior in magnesium	Scientific Reports					3.9	10.1038/s41598-025-16145-8
1719	R., Manoharan, Rajalakshmi; R., Rani, Reenu; M., Kaur, Manpreet; A., Kumar, Anuj; A., Moussaoui, Ali	Period-doubling cascade to chaos and optimal quadratic harvesting in a prey?predator?scavenger model using Crowley?Martin functional response	Scientific Reports					3.9	10.1038/s41598-025-16107-0
1720	H.K., Anbu, Hemanth Kumar; A., J, Akash; R.N., R, Renchana Nair; K., Karthikeyan, Kothandapani	Cyclic response of ventilated precast shear walls with emphasis on sleeve connection efficiency	Scientific Reports					3.9	10.1038/s41598-025-15816-w
1721	L., Djerbal, Lynda; G., Logeswari, G.; K.M., Tamilarasi, Kathirvel Murugan; S., Rakesh, S.	Hybrid Bayesian deep learning model for predicting urban heat island intensity in African cities	Scientific Reports					3.9	10.1038/s41598-025-13492-4

1722	T., Anujaa, T.; A.F., Thajudeen Ali Ahamed, Afra Fathima; V., Baranwal, Vedika; V., Thanikaiselvan, V.; S., Subashanthini, S.; C., Sivaranjani Devi, C.; R., Amirtharajan, Rengarajan	A lightweight multi round confusion-diffusion cryptosystem for securing images using a modified 5D chaotic system	Scientific Reports					3.9	10.1038/s41598-025-13290-y
1723	A., Archana, A.; S., Vijayan, Sumathi	Supervised model based polycystic ovarian syndrome detection in relation to vitamin d deficiency by exploring different feature selection techniques	Scientific Reports					3.9	10.1038/s41598-025-14728-z
1724	K., Thiagarajan, Kripalakshmi; T., Deepa, T.; P., Mahalingam, Prabhakar	Multi-objective hybrid optimized coil design for enhanced efficiency, improved voltage gain, and compactness for inductive power transfer	Scientific Reports					3.9	10.1038/s41598-025-12741-w
1725	A., Srinivasulu, Asadi; T., Kim, Taehoon; R., Chinthaginjala, Ravikumar; X., Zhao, Xin; I., Ahmad, Irfan	Leveraging data analytics to revolutionize cybersecurity with machine learning and deep learning	Scientific Reports					3.9	10.1038/s41598-025-16932-3
1726	G.N., Reddy, Gondhi Navabharat; C.V., Ravikumar, C. V.; O., Takacs, Oliver; A.M., Tolba, Amr M.	An innovative Squid Game Optimizer for enhanced channel estimation and massive MIMO detection using dilated adaptive RNNs	Scientific Reports					3.9	10.1038/s41598-025-16899-1

1727	R., Tiwari, Ravi; A.K., Rahul, Amit Kumar; M.K., Singh, Manoj K.; O.N., Shivay, Om N.; S., Sivakumar, S.; S.C., Maury, Saurabh Chandra	An enhanced approach to minimum variance unbiased velocity estimation, incorporating horizontal and vertical handoff in HetNets	Scientific Reports					3.9	10.1038/s41598-025-16080-8
1728	A., Saxena, Akshit; A., Agarwal, Aayushi; B., Nagrath, Bhavya; C.S., Jayavanth, Carmel Sanjana; S., Thulasidoss, Shamita; S., Maheswari, S.; S., Periyasamy, Sasikumar	Deep learning-driven IoT solution for smart tomato farming	Scientific Reports					3.9	10.1038/s41598-025-15615-3
1729	A.B., Md, Aisha Begum; S., T.n.v.r.l, Swamy	Green transformational leadership and sustainable business performance: the mediating role of organizational innovation capabilities and green self-efficacy	Human Resource Development International					3.9	10.1080/13678868.2025.2560485
1730	S., Sakshi, Shivam; S., Sumithra, S.; R., Sabari Shankar, R.	Driving EV adoption in India: Exploring green self-identity, task-technology fit, and brand engagement	International Journal of Sustainable Transportation					3.9	10.1080/15568318.2025.2542292
1731	S., Sriram, Srineevas; C., Palanichamy, Chandresh; P.T., Subash, P. T.; M.K., Gupta, Manshi Kumari; C.S., Sudandiradoss, Chinnappan S.	Molecular dynamics simulations based siRNA design against GPR10 reveals stable RNAi therapeutics for hormone-dependent uterine fibroids	Scientific Reports					3.9	10.1038/s41598-025-16936-z

1732	M., Jagan, Mohan; A., Dhanasekaran, Aravinth; S., Pragalathan, Subalakshmi; V., Velmurugan, Venugopal; S.P., Vijayachamundeeswari, Srikarumbur Pandurangan	Nb2O5 nanofibres enhanced polyacrylonitrile (PAN)/cellulose (CA)/LiTFSI based on composite polymer electrolytes (CPEs) for energy storage applications	Journal of Materials Science					3.9	10.1007/s10853-025-11451-y
1733	S.D.M., Lakshmi, Swarna D.M.; K., Arasu, Krishnamoorthy	Deep transfer learning and attention based P2.5 forecasting in Delhi using a decade of winter season data	Scientific Reports					3.9	10.1038/s41598-025-16664-4
1734	S., Gowthaman, S.; A., Das, Abhishek	A novel method for optic disc localization using fast circlet transform and Chan-Vese segmentation	Scientific Reports					3.9	10.1038/s41598-025-11257-7
1735	R., Samuel, Reeta; P., Thanapal, P.	Optimizing brain stroke detection with a weighted voting ensemble machine learning model	Scientific Reports					3.9	10.1038/s41598-025-14358-5
1736	A.S., Sarmila, Anna Sundar; C., Natarajan, Chandrasekaran	Prepared polypropylene microplastics: formation of eco-corona in aquatic systems and their combined toxicity with cadmium in Artemia franciscana	Environmental Science: Processes and Impacts					3.9	10.1039/d5em00260e
1737	S., Kaindal, Sonia; B., Venkataramana, B.	A comparative analysis of parametric survival models and machine learning methods in breast cancer prognosis	Scientific Reports					3.9	10.1038/s41598-025-15696-0

1738	Jayakrishna, N.; Prasanth, N.N.	A hybrid deep learning model for detection and mitigation of DDoS attacks in VANETs	Scientific Reports	15	1			3.9	10.1038/s41598-025-15215-1
1739	Vinayagam, K.; Natarajan, R.	A hybrid mode semi circular shaped frequency reconfigurable antenna for multiband communication	Scientific Reports	15	1			3.9	10.1038/s41598-025-18151-2
1740	Abhijit, C.S.; Annie Jerusha, Y.; Syed Ibrahim, S.P.; Varadharajan, V.	A personalized federated hypernetworks based aggregation approach for intrusion detection systems	Scientific Reports	15	1			3.9	10.1038/s41598-025-11659-7
1741	Ragavendirane, M.S.; Dhanasekar, S.	A study on intuitionistic fuzzy generating function using T-Norm, T-Conorm operators to enhance night-time images for autonomous driving system	Scientific Reports	15	1			3.9	10.1038/s41598-025-15540-5
1742	Anbazhagan, S.; Mugelan, R.K.	Adaptive power-saving mode control in NB-IoT networks using soft actor-critic reinforcement learning for optimal power management	Scientific Reports	15	1			3.9	10.1038/s41598-025-18214-4
1743	Reddy N, N.L.; Gopinath, M.P.	Advanced deep learning framework for soil texture classification	Scientific Reports	15	1			3.9	10.1038/s41598-025-17384-5
1744	Neelagandan, P.; Balaji, S.	An efficient charging strategy for wireless sensor networks based on saturation degree and Enhanced Grey Wolf optimization	Scientific Reports	15	1			3.9	10.1038/s41598-025-19243-9

1745	Blankson, H.; Chandran, V.; Lala, H.; Mohapatra, P.	An enhanced opposition-based African vulture optimizer for solving engineering design problems and global optimization	Scientific Reports	15	1			3.9	10.1038/s41598-025-16630-0
1746	Rajendran, V.; Aruldoss, W.J.; Selvaraj, V.K.; Subramanian, J.; Madhu, P.; Prabhakar, S.	An experimental study on productivity, energy, and exergy efficiency improvement of inclined solar still using different uncoated wick materials	Scientific Reports	15	1			3.9	10.1038/s41598-025-18295-1
1747	Jai Vinita, L.	An incentive-aware federated bargaining approach for client selection in decentralized federated learning for IoT smart homes	Scientific Reports	15	1			3.9	10.1038/s41598-025-17407-1
1748	Mohanapriya, R.; Nithish Kumar, K.V.	An optimized novel lightweight block cipher for image encryption	Scientific Reports	15	1			3.9	10.1038/s41598-025-19951-2
1749	Agilan, K.; Naveen, S.; Suganya, S.; Parthiban, V.	Analysis of variable-order fractional enzyme kinetics model with time delay	Scientific Reports	15	1			3.9	10.1038/s41598-025-16382-x
1750	Vinayagam, Y.; Vijayarangan, D.R.	Biological applications of yttrium oxide nanocomposites synthesized from Aspergillus penicillioides and their potential role in environmental remediation	Scientific Reports	15	1			3.9	10.1038/s41598-025-21104-4
1751	S.; S.	Clinical outcome prediction in pediatric respiratory infections using hybrid feature selection and a genetic algorithm-optimized machine learning	Scientific Reports	15	1			3.9	10.1038/s41598-025-18258-6

1752	Paramanandham, N.; Kishore, K.; Pavithra, L.K.; Niranjan, M.; Shibu, T.M.; Santosh, A.; Kumar, A.	Deep intelligence: a four-stage deep network for accurate brain tumor segmentation	Scientific Reports	15	1			3.9	10.1038/s41598-025-18879-x
1753	Rani Krishna, K.M.; Somasundaram, K.; Arulmozhivarman, P.; Immanuel, S.A.; Rajkumar, E.R.	Deep learning for text summarization using NLP for automated news digest	Scientific Reports	15	1			3.9	10.1038/s41598-025-20224-1
1754	Nivethitha, V.; Daniel, R.A.; Debnath, A.; Dwarakanathan, V.; Jeer, G.; Gananathan, G.	Diagnostic accuracy of artificial intelligence models for imaging detection of hepatic steatosis through systematic review and meta analysis	Scientific Reports	15	1			3.9	10.1038/s41598-025-17386-3
1755	Ramakrishnan, K.; Nachimuthu, L.; Rajan, R.; Premkumar, J.; Mulay, V.; Meenakshi, S.; Aluganti Narasimhulu, C.A.; Deme, P.; Rajagopalan, S.; Lalgudi, R.; Sivaramakrishna, A.; Karthikeyan, S.; Rajagopal, R.	Discovery of new pyridine 3-carboxylic acid-based pharmacophores as dual anti-inflammatory and anti-hyperglycemic agents	Scientific Reports	15	1			3.9	10.1038/s41598-025-17841-1
1756	Sinha, A.; Umakanthan, O.C.; Gajendran, S.	DR-CoT: dynamic recursive chain of thought with meta reasoning for parameter efficient models	Scientific Reports	15	1			3.9	10.1038/s41598-025-18622-6

1757	Khandeparkar, V.; Shreshtha; Senthil Kumar, S.K.	Effectiveness of supervised machine learning models for electrical fault detection in solar PV systems	Scientific Reports	15	1			3.9	10.1038/s41598-025-18802-4
1758	Manikandan, M.; E.; Manikandan, E.; S.	Engineering NiO/g-C?N? and NiO/rGO composites for dual applications in electrochemical water splitting and energy storage	Scientific Reports	15	1			3.9	10.1038/s41598-025-20713-3
1759	Thota, V.S.; Moparthi, S.; Ghosh, K.	Engineering the ferroelectric polarization to optimize the GIDL and negative output conductance in negative capacitance FET	Scientific Reports	15	1			3.9	10.1038/s41598-025-18041-7
1760	Sri Abhijit, C.; Annie Jerusha, Y.; Syed Ibrahim, S.P.; Varadharajan, V.	Federated transfer learning for rare attack class detection in network intrusion detection systems	Scientific Reports	15	1			3.9	10.1038/s41598-025-02068-x
1761	Kim, B.; Devi, M.S.; Natarajan, Y.; K R, S.P.; Yazhini, C.S.; Park, J.-Y.; Park, C.-J.; Yi, C.-Y.	Gradient transformer Self-Attention U-Net for enhanced crack detection in concrete bridges	Scientific Reports	15	1			3.9	10.1038/s41598-025-21140-0
1762	Raghu, S.; Shankar, T.	HDLCA: hunger driven lion clustering algorithm, a novel energy efficient and scalable clustering approach for underwater wireless sensor nodes	Scientific Reports	15	1			3.9	10.1038/s41598-025-18043-5
1763	Abilasha, V.; Karthikeyan, A.	IEEE 802.11af-enabled scalable cognitive radio sensor networks with adaptive priority management for early forest fire forewarning	Scientific Reports	15	1			3.9	10.1038/s41598-025-21050-1

1764	D.; Rahul, A.K.	Influence of non-Newtonian Rabinowitsch fluids on the operational efficiency of sine film thrust bearings with porous walls	Scientific Reports	15	1			3.9	10.1038/s41598-025-20308-y
1765	Pravin Renold, A.; Arockia Abins, A.; Katiravan, J.	IoT-Driven classroom air quality management with deep hierarchical cluster analysis	Scientific Reports	15	1			3.9	10.1038/s41598-025-15698-y
1766	Siddheshwar, P.G.; Revankar, V.V.; Jagadeesh Kumar, M.S.	Linear and weakly nonlinear stability analyses of Darcy B?nard convection with feedback control	Scientific Reports	15	1			3.9	10.1038/s41598-025-20834-9
1767	Manuel, M.; Parthiban, A.	Lower bounds for the Zagreb indices of trees with given total domination number and its applications in QSPR studies of alkanes	Scientific Reports	15	1			3.9	10.1038/s41598-025-18870-6
1768	M A, M.D.; S, D.A.	Multi-objective optimization of surface finish and VOC emissions in FFF 3D printing using ANN?NSGA-II approach	Scientific Reports	15	1			3.9	10.1038/s41598-025-17304-7
1769	Rani, A.S.J.; Balamurugan, B.J.	Novel eigenvector centrality indices for octane isomers to explore their physicochemical properties	Scientific Reports	15	1			3.9	10.1038/s41598-025-18421-z
1770	Christydass, S.P.J.; Samithas, D.; Balachandran, P.K.; Ammirrul Atiqi Mohd Zainuri, M.A.A.	Open complementary split-ring resonator-embedded tri-band rectangular monopole antenna with offset feed for next-gen wireless applications	Scientific Reports	15	1			3.9	10.1038/s41598-025-19455-z

1771	Saravanan, R.; Balaji, S.; Ganesan, M.; Braveen, M.; Perumal, R.S.	Optimal attention deep learning based in-vehicle intrusion detection and classification model on CAN messages	Scientific Reports	15	1			3.9	10.1038/s41598-025-10637-3
1772	Srinivas, M.B.R.; Konguvel, K.	Optimized NCFET-based approximate multiplier for energy-aware image applications	Scientific Reports	15	1			3.9	10.1038/s41598-025-17805-5
1773	Jasmine Shirley, J.J.; Priya, M.	PSO-DT based BagDT: a robust lightweight ensemble framework for efficient feature selection and DDoS attack detection in IoT environment	Scientific Reports	15	1			3.9	10.1038/s41598-025-20175-7
1774	Baskar, P.; Shukla, K.	Tribological and performance assessment of two wheeler brake pads using dynamometer testing	Scientific Reports	15	1			3.9	10.1038/s41598-025-17615-9
1775	Kumar, M.; Gupta, A.; Kumar, N.; Bansal, L.; Verma, R.	Experimental analysis of epoxy-filler composite adhesives for the enhanced performance of cryosorption pump at 77 K	Vacuum	244				3.9	10.1016/j.vacuum.2025.114900
1776	Jeyavim Sherin, R.C.J.; Parkavi, K.	Enhancing Network Resilience: A Hybrid Meta-Heuristic Intrusion Detection System Leveraging SSA-BOA-CNN	Journal of Network and Systems Management	34	1			3.9	10.1007/s10922-025-09987-0
1777	Selvarani, S.; Alsaif, F.; Devarajan, G.; Vairavasundaram, I.	Real time SOC estimation for Li-ion batteries in Electric vehicles using UKBF with online parameter identification	Scientific Reports	15	1			3.9	10.1038/s41598-025-85700-0

1778	Hariharasudhan, V.; Vetrivelan, P.; Chang, E.	Blockchain driven trust management for intelligent transportation systems in VANETs	Scientific Reports	15	1			3.9	10.1038/s41598-025-23351-x
1779	Vats, A.; Eithiraj, R.D.	Unraveling low-temperature optoelectronic and thermoelectric excellence in cation-ordered Zn3WN4	Computational Condensed Matter	45				3.9	10.1016/j.cocom.2025.e01156
1780	Pradhan, A.K.; Prakash, C.; Satpathy, S.; Panda, J.K.	Enhanced optical bistability in slotted photonic crystal structure for microwave frequency generation	Scientific Reports	15	1			3.9	10.1038/s41598-025-20992-w
1781	A, S.; S, M.	Variational quantum enhanced deep transfer learning for small underwater aqua species image classification	Scientific Reports	15	1			3.9	10.1038/s41598-025-22524-y
1782	Kumar, A.; Singh, P.; Kamble, D.P.; Singh, I.	Hybrid cryptographic approach for strengthening IoT and 5G/B5G network security	Scientific Reports	15	1			3.9	10.1038/s41598-025-21861-2
1783	Balamurugan, R.	A hybrid stellar mass black-hole optimization framework for finding significant biclusters using average Kendall rank correlation	Scientific Reports	15	1			3.9	10.1038/s41598-025-20501-z
1784	Sudhakar, S.; Ramu, S.P.	A neural architecture search optimized lightweight attention ensemble model for nutrient deficiency and severity assessment in diverse crop leaves	Scientific Reports	15	1			3.9	10.1038/s41598-025-20124-4

1785	Anoop, P.P.; Deivanathan, R.	Real time road scene classification and enhancement for driver assistance under adverse weather	Scientific Reports	15	1			3.9	10.1038/s41598-025-23171-z
1786	Deepika, S.; Arunachalam, V.	An energy efficient processor array and memory controller for accurate processing of convolutional neural network-based inference engines	Scientific Reports	15	1			3.9	10.1038/s41598-025-23303-5
1787	Rayaroth, R.; Kumaravelu, V.B.	Spectral efficiency enhancement in multiuser NOMA over Nakagami-m fading channels through power allocation and pairing strategies under hardware and SIC imperfections	Scientific Reports	15	1			3.9	10.1038/s41598-025-22024-z
1788	Xu, H.; Pillay, N.; Kumaravelu, V.B.	Reconfigurable intelligent surface-assisted N-ary Alamouti	Scientific Reports	15	1			3.9	10.1038/s41598-025-22203-y
1789	Tera, S.; Ravikumar, C.V.; Al-Turjman, F.; Ahmad, S.	Deep learning assisted LDPC decoding for 5G IoT networks in fading environments	Scientific Reports	15	1			3.9	10.1038/s41598-025-21382-y
1790	Sharmila, V.; Geetha, S.	Multi-stage convo-enhanced retinex canny DeepLabv3+ FusionNet for enhanced detection and classification of bleeding regions in GI tract	Scientific Reports	15	1			3.9	10.1038/s41598-025-24716-y
1791	Babu, E.; Murali, S.	AttenUNeT X with iterative feedback mechanisms for robust deep learning skin lesion segmentation	Scientific Reports	15	1			3.9	10.1038/s41598-025-23830-1

1792	Karthikeyan, P.; Malaserene, I.; Deepakraj, E.	Explainable AI based cervical cancer prediction using FSAE feature engineering and H2O AutoML	Scientific Reports	15	1			3.9	10.1038/s41598-025-23593-9
1793	Sridhar, P.; Angamuthu, P.	Enhancing image based classification for crop disease detection using a multiclass SVM approach with kernel comparison	Scientific Reports	15	1			3.9	10.1038/s41598-025-23568-w
1794	Banumathy, D.; Karthikeyan, D.; Mohanraj, G.; Sarathkumar, R.	Deep learning-based bacterial foraging optimization algorithm to improve digital mammography-based breast cancer detection	Scientific Reports	15	1			3.9	10.1038/s41598-025-97301-y
1795	Pandian, J.A.; Thirunavukarasu, R.; Rajganesh, R.	Enhanced exploration in reinforcement learning using graph neural network based intrinsic reward mechanism	Scientific Reports	15	1			3.9	10.1038/s41598-025-23769-3
1796	Panickar, A.; Manoharan, A.; Ramaiah, S.	Machine learning-based virtual screening and density functional theory characterisation of natural inhibitors targeting mutant PBP2x in Streptococcus pneumoniae	Scientific Reports	15	1			3.9	10.1038/s41598-025-24222-1
1797	Hector, I.; Panjanathan, R.	Trend Factor Smoothing and Tasmanian Devil Optimization based Siamese Neural Network for anomaly detection in predictive maintenance	Scientific Reports	15	1			3.9	10.1038/s41598-025-25312-w

1798	Devi, S.; Gurunathan, G.	Unraveling the molecular basis of snake venom nerve growth factor: human TrkA recognition through molecular dynamics simulation and comparison with human nerve growth factor	Frontiers in Bioinformatics	5				3.9	10.3389/fbinf.2025.1674791
1799	M, P.; Tyagi, B.; R, N.P.; B, M.	Hybrid Synthetic Minority Over-sampling Technique (HSMOTE) and Ensemble Deep Dynamic Classifier Model (EDDCM) for big data analytics	Scientific Reports	15	1			3.9	10.1038/s41598-025-23062-3
1800	Bhardwaj, T.; Sumangali, K.	A federated incremental blockchain framework with privacy preserving XAI optimization for securing healthcare data	Scientific Reports	15	1			3.9	10.1038/s41598-025-21852-3
1801	Chennam, K.K.; V, U.M.; Aluvalu, R.; Ravikumar, C.V.; AbWahab, M.; Zhao, X.; Tolba, A.	Load balancing for cloud computing using optimized cluster based federated learning	Scientific Reports	15	1			3.9	10.1038/s41598-025-25220-z
1802	Nagarjun, A.V.; Rajkumar, S.	Quantum deep learning-enhanced ethereum blockchain for cloud security: intrusion detection, fraud prevention, and secure data migration	Scientific Reports	15	1			3.9	10.1038/s41598-025-22408-1
1803	Neeharika, M.S.; Shobhana, V.; Katal, N.	Multi-objective optimal synthesis of robust control systems for plants exhibiting non-minimum phase and integrating behaviour	Scientific Reports	15	1			3.9	10.1038/s41598-025-24653-w

1804	Revathi, A.R.; Agash, A.A.	Pomegranate disease diagnosis with severity estimation and treatment remedies using deep learning and RAG-based LLM	Scientific Reports	15	1			3.9	10.1038/s41598-025-25160-8
1805	Sivayogaraj, A.; Elavenil, S.	Municipal solid waste incineration bottom ash in concrete : A systematic review and meta-analysis	Scientific Reports	15	1			3.9	10.1038/s41598-025-23774-6
1806	Patel, A.; O V, G.S.	Forecasting and analyzing seasonal GHI for a SAPV system in extreme Indian climatic regions	Scientific Reports	15	1			3.9	10.1038/s41598-025-23168-8
1807	Sitharthan, R.; Manoharan, M.; Kumar, R.S.; Dhanabalan, S.S.	Real-time data fetching approach for performance evaluation of a DFIG wind power generation system using an IoT-enabled wind emulator	Scientific Reports	15	1			3.9	10.1038/s41598-025-24234-x
1808	Pradeep Ghantasala, G.S.P.; Akhil, M.; Vidyullatha, P.; Guruguntla, V.; Bhaskara Rao, T.S.S.B.; Yuvaraju, B.A.G.	Multimodal fusion of ultrasound images using HXM net for breast cancer diagnosis	Scientific Reports	15	1			3.9	10.1038/s41598-025-23912-0
1809	Swetha, M.; Gadha, R.J.; Eithiraj, R.D.	Investigating a novel antiperovskite K3HTe via first principles study supported by machine learning	Computational Condensed Matter	46				3.9	10.1016/j.cocom.2025.e01191
1810	MUSTHAFA, B.; Prabhahar, M.	Numerical and experimental investigation of CI engine parameters using palm biodiesel with diesel blends	Scientific Reports	15	1			3.9	10.1038/s41598-025-00170-8

1811	Yesupatham, A.; Raja, R.; Bharani, G.; Shaikmeeran, M.; Saraswathy, R.	Artificial intelligence model as a tool to predict prediabetes	Scientific Reports	15	1			3.9	10.1038/s41598-025-23227-0
1812	Choudhary, D.K.; Pratap, K.	Small scale lowpass and quad-band bandpass filter for 5G application	Scientific Reports	15	1			3.9	10.1038/s41598-025-25757-z
1813	Naveen, K.; Ajitha, D.	OptiNet-B3: a lightweight explainable deep learning model for multiclass classification of fruit and leaf diseases	Scientific Reports	15	1			3.9	10.1038/s41598-025-25888-3
1814	Harikrishnan, N.; Sangeetha, A.	Design and analysis of a GaN-based 2D photonic crystal biosensor integrated with machine learning techniques for detection of skin diseases	Scientific Reports	15	1			3.9	10.1038/s41598-025-25893-6
1815	Benil, T.; Krishna, R.; Sariki, T.P.; Yashika, P.; Saraogi, S.; Saraogi, S.	Detect pre-cancerous tongue lesions for early oral cancer diagnosis using deep learning algorithm	Scientific Reports	15	1			3.9	10.1038/s41598-025-25925-1
1816	Dharshini, B.L.; Arularasan, A.; Prashanth Kumar, B.; Varsha, J.K.; Pavithraa, S.	A multi-technique ensemble model leveraging attention mechanism and image processing for enhanced colorectal tumor detection	Scientific Reports	15	1			3.9	10.1038/s41598-025-25986-2
1817	Sudhakar, R.; Nithya, K.; Dhivyaa, C.R.; Sharmila, C.	High-performance parallel multi-scale attention network with explainable AI for intelligent diagnosis of leaf diseases in agricultural systems	Scientific Reports	15	1			3.9	10.1038/s41598-025-26144-4

1818	Rajesh Kumar, N.R.; Bala Krishnan, R.B.; Vairavasundaram, S.; Manikandan, G.; Vairavasundaram, V.; Ravi, L.	An IoT based remote medical diagnosis system using one time pad cipher over MQTT protocol	Scientific Reports	15	1			3.9	10.1038/s41598-025-26208-5
1819	NallappaBhavithran, G.; Selvakumar, R.	Detection of brain network abnormalities by graph invariants in Alzheimer?s disease using MRI images	Scientific Reports	15	1			3.9	10.1038/s41598-025-26259-8
1820	Natarajan, Y.; K R, S.P.; Shyamala Devi, S.D.	Feature fusion context attention gate UNet for detection of polycystic ovary syndrome	Scientific Reports	15	1			3.9	10.1038/s41598-025-26314-4
1821	Mishra, P.; R, G.	Securing e-governance against shadow attacks with blockchain technology	Scientific Reports	15	1			3.9	10.1038/s41598-025-26326-0
1822	Vaishali, K.; Prabha, D.R.	Economic and reliability assessment of intermediate charging ports for EV stations	Scientific Reports	15	1			3.9	10.1038/s41598-025-26362-w
1823	Antony Joseph Raj, S.; Madiajagan, M.	HAMC-ID: hybrid attention-based meta-classifier for intrusion detection	Scientific Reports	15	1			3.9	10.1038/s41598-025-26631-8
1824	Priyadharshni, S.; Ravi, V.	Dynamic graph-based quantum feature selection for accurate fetal plane classification in ultrasound imaging	Scientific Reports	15	1			3.9	10.1038/s41598-025-26835-y
1825	Venkatachalam, A.; Umadevi, U.; Ponraj, A.S.	A scalable automated framework for multiply-accumulate unit design in high-performance computing applications	Scientific Reports	15	1			3.9	10.1038/s41598-025-26868-3

1826	Pavithra, M.; Ramya, G.	Mental health monitoring in 5G Edge-Enabled Cognitive IoT with Temporal Shift Transformer and integrated Stackelberg Game Theory and Nomadic People Optimizer	Scientific Reports	15	1			3.9	10.1038/s41598-025-26959-1
1827	P, A.P.; Radha, R.	Sustainable EV routing using spectral clustering and fuzzy reinforcement learning with energy constrained A* under mobility index and waiting constraints	Scientific Reports	15	1			3.9	10.1038/s41598-025-26998-8
1828	Subathra, S.; Thanikaiselvan, V.	Image adaptive encryption using EfficientNet B3 feature guided multi scroll chaotic map with modulo controlled pseudo parallel processing	Scientific Reports	15	1			3.9	10.1038/s41598-025-27080-z
1829	Rajesh, A.; Ravikumar, C.V.; Fouziya Sulthana, S.F.; Kim, T.-H.; Shankar, T.; Srinivasulu, A.; Altameem, T.	Ad hoc bandwidth requests and power conservation in 5G wireless networks with tiny cells	Scientific Reports	15	1			3.9	10.1038/s41598-025-27133-3
1830	Ghosh, S.; Bragadeshwaran, B.; Loganathan, L.; Manoharan, M.; Rahaman, A.; Mathur, A.; Dubey, A.S.; Purohit, E.; Gangadharan, V.	Novel R-CNN and transformer models for pollution impacts and land cover changes around iconic heritage sites in developing countries: a case study	Scientific Reports	15	1			3.9	10.1038/s41598-025-27155-x

1831	Settu, P.; Ramaiah, M.	A data driven comparison of hybrid machine learning techniques for soil moisture modeling using remote sensing imagery	Scientific Reports	15	1			3.9	10.1038/s41598-025-27225-0
1832	Sahu, S.; Clement, J.C.	Gaussian mixture model for enhancing the quality of transmission estimation in optical networks: a machine learning approach	Scientific Reports	15	1			3.9	10.1038/s41598-025-27355-5
1833	Philip, A.; Kumar, A.R.	Development of a symmetric supercapacitor using a novel NiCo2S4/CNT composite electrode with ultrahigh energy density	Scientific Reports	15	1			3.9	10.1038/s41598-025-27548-y
1834	Munieswaran, G.; Manickam, V.	Functional and structural impacts of oncogenic missense variants on human polo-like kinase 1 protein	Frontiers in Bioinformatics	5				3.9	10.3389/fbinf.2025.1680578
1835	Shah, M.; Arumugam, S.	Food-derived linear vs. rationally designed cyclic peptides as potent TNF-alpha inhibitors: an integrative computational study	Frontiers in Bioinformatics	5				3.9	10.3389/fbinf.2025.1716375
1836	Gopalan, R.G.; Krithika, S.; C, C.	Hardware implementation of visible light communication based multipurpose camouflage spy robot	Scientific Reports					3.9	10.1038/s41598-025-89134-6

1837	Eswaramoorthy, N.; C, J.; Gnanasekaran, A.; C?rdenas-Jir?n, G.; Santaella, J.J.; Gonz?lez-Ram?rez, I.; Rajesh, S.; Nangan, N.; Thangavel, R.; Sangaraju, S.; Rajaram, K.	Optical, structural, surface topographical and DFT studies of lead telluride (PbTe) thin film for photovoltaic applications	Vacuum	245				3.9	10.1016/j.vacuum.2025.114955
1838	Anandkumar, S.; Kennedy, L.J.	Understanding the Role of l-Arginine-Induced Microwave Synthesis of a Heterostructured Fe3O4/CuFeO2Nanocomposite for Enhanced Alkaline Electrocatalytic Oxygen Evolution Reaction	Langmuir	41	49	33191	33211	3.9	10.1021/acs.langmuir.5c03973
1839	Chatterjee P., Banerjee S.	A computational and structural approach to identify malignant non-synonymous FOXM1 single nucleotide polymorphisms in triple-negative breast cancer	Scientific Reports	15	1			3.8	10.1038/s41598-024-85100-w
1840	Lamani D., Kumar P., Bhagyalakshmi A., Shanthi J.M., Maguluri L.P., Arif M., Dhanamjayulu C., K S.K., Khan B.	SVM directed machine learning classifier for human action recognition network	Scientific Reports	15	1			3.8	10.1038/s41598-024-83529-7
1841	Sahoo A., Tripathy A.K.	Congestion avoidance in 6G networks with V Gradient Geocast Routing Protocol	Scientific Reports	15	1			3.8	10.1038/s41598-024-84269-4

1842	Sakthiram T., Yogesh L., Srikanth R., Prabhakar M., Varesi K.	Interleaved quartic high gain DC–DC converter	Scientific Reports	15	1			3.8	10.1038/s41598-024-84015-w
1843	Doredla N., N S.K.	Determination of heat input impact on residual stress, microstructure and mechanical characteristics of welded ferrite-pearlite (α-P) steel joints by using taguchi optimization approach	Journal of Advanced Joining Processes	11				3.8	10.1016/j.jajp.2024.100278
1844	Krishnan S.S.R., Karuppan M.K.N., Khadidos A.O., Khadidos A.O., Selvarajan S., Tandon S., Balusamy B.	Comparative analysis of deep learning models for crack detection in buildings	Scientific reports	15	1	2125		3.8	10.1038/s41598-025-85983-3
1845	Udupa M.C., Saha S., Natarajan S.	Study of blood flow patterns in a stenosed artery through the combined effect of body acceleration and generalized womersley solution	Scientific reports	15	1	1845		3.8	10.1038/s41598-025-85566-2
1846	Jayachandiran K., Esha S., Savitha Lakshmi M., Mahalakshmi S., Arockiasamy S.	Synthesis and structural insights of bis(2-methoxy-6-{[(2-methylpropyl)imino]methyl}phenolato) nickel (II) complex through DFT and docking investigations	Scientific reports	15	1	1751		3.8	10.1038/s41598-025-85465-6

1847	Vijay Anand R., Magesh G., Alagiri I., Brahmam M.G., Balusamy B., Selvan C.P., Alshahrani H.M., Getahun M., Soufiene B.O.	Design of an improved model using federated learning and LSTM autoencoders for secure and transparent blockchain network transactions	Scientific reports	15	1	1615		3.8	10.1038/s41598-024-83564-4
1848	Raveendran N., Krishnan V.	Engineering performance and environmental assessment of sustainable concrete incorporating nano silica and metakaolin as cementitious materials	Scientific reports	15	1	1482		3.8	10.1038/s41598-025-85358-8
1849	Natha P., Tera S.P., Chinthaginjala R., Rab S.O., Narasimhulu C.V., Kim T.H.	Boosting skin cancer diagnosis accuracy with ensemble approach	Scientific reports	15	1	1290		3.8	10.1038/s41598-024-84864-5
1850	Maruthupandi J., Sivakumar S., Dhevi B.L., Prasanna S., Priya R.K., Selvarajan S.	An intelligent attention based deep convoluted learning (IADCL) model for smart healthcare security	Scientific reports	15	1	1363		3.8	10.1038/s41598-024-84691-8
1851	Preethiraj P.M.; J B.E.	Maximum power point tracking in fuel cells an AI controller based on metaheuristic optimisation	Scientific Reports	14	1			3.8	10.1038/s41598-024-83453-w
1852	Vinoth K.; Sasikumar P.	Multi-sensor fusion and segmentation for autonomous vehicle multi-object tracking using deep Q networks	Scientific Reports	14	1			3.8	10.1038/s41598-024-82356-0

1853	Venkatachalam I.; john S.A.; Srinivasan J.; Palaniappan S.; Somasundaram S.K.	Energy efficient group priority MAC protocol using hybrid Q-learning honey Badger Algorithm (QL-HBA) for IoT Networks	Scientific Reports	14	1			3.8	10.1038/s41598-024-83234-5
1854	Geeitha S.; Prabha K.P.R.; Cho J.; Easwaramoorthy S.V.	Bidirectional recurrent neural network approach for predicting cervical cancer recurrence and survival	Scientific Reports	14	1			3.8	10.1038/s41598-024-80472-5
1855	Shekure T.; Worku H.S.; Mohapatra S.K.; Das T.K.	Predicting age at first calving of dairy breed calves using whale optimization-based ensemble learning framework	Scientific Reports	14	1			3.8	10.1038/s41598-024-79626-2
1856	Raja S.; Jayalakshmi M.; Rusho M.A.; Selvaraj V.K.; Subramanian J.; Yishak S.; Kumar T.A.	Fused deposition modeling process parameter optimization on the development of graphene enhanced polyethylene terephthalate glycol	Scientific Reports	14	1			3.8	10.1038/s41598-024-80376-4
1857	Jayaram S.; Venkatesan N.	Design and implementation of the fractional-order controllers for a real-time nonlinear process using the AGTM optimization technique	Scientific Reports	14	1			3.8	10.1038/s41598-024-82258-1
1858	Sakthivel A.D.; Augustin F.	Fuzzy APPSS: A novel method for quantifying COVID-19 impact in India under triangular spherical fuzzy environment	Scientific Reports	14	1			3.8	10.1038/s41598-024-82046-x
1859	Haridoss G.; Arun Pandian J.; Sivaranjani K.; Thanga Mariappan L.	A novel MAC protocol for power line communication with integrated NFC for smart home applications	Scientific Reports	14	1			3.8	10.1038/s41598-024-82636-9

1860	Chandramouli N.A.; Natarajan S.; Alharbi A.H.; Kannan S.; Khafaga D.S.; Raju S.K.; Eid M.M.; El-kenawy E.-S.M.	Enhanced human activity recognition in medical emergencies using a hybrid deep CNN and bi-directional LSTM model with wearable sensors	Scientific Reports	14	1			3.8	10.1038/s41598-024-82045-y
1861	B P.L.; S V.	Innovative modified-net architecture: enhanced segmentation of deep vein thrombosis	Scientific Reports	14	1			3.8	10.1038/s41598-024-81703-5
1862	Danavulapadu V.P.; Singamsetty P.	Trains scheduling problem with multiple lines	Scientific Reports	14	1			3.8	10.1038/s41598-024-82499-0
1863	Phaneendra Kumar B.L.N.; Vaddi R.; Manoharan P.; Agilandeeswari L.; Sangeetha V.	A new band selection framework for hyperspectral remote sensing image classification	Scientific Reports	14	1			3.8	10.1038/s41598-024-83118-8
1864	Sarangi S.; Ghosh D.	The impact of industry 4.0 technologies enable supply chain performance and quality management practice in the healthcare sector	TQM Journal					3.8	10.1108/TQM-02-2024-0089
1865	Tamilarasi W.; Balamurugan B.J.	New reverse sum Revan indices for physicochemical and pharmacokinetic properties of anti-filovirus drugs	Frontiers in Chemistry	12				3.8	10.3389/fchem.2024.1486933
1866	Sreehari E.; Dhinesh Babu L.D.	A novel aggregated coefficient ranking based feature selection strategy for enhancing the diagnosis of breast cancer classification using machine learning	Scientific Reports	15	1			3.8	10.1038/s41598-025-87826-7

1867	Jayasree K.; Hota M.K.	Optimized convolutional neural network using African vulture optimization algorithm for the detection of exons	Scientific Reports	15	1			3.8	10.1038/s41598-025-86672-x
1868	Karthik R.; Ajay A.; Jhalani A.; Ballari K.; K S.	An explainable deep learning model for diabetic foot ulcer classification using swin transformer and efficient multi-scale attention-driven network	Scientific Reports	15	1			3.8	10.1038/s41598-025-87519-1
1869	Sneha G.; Eithiraj R.D.	Panoramic analysis of 2D dirubidium telluride monolayer benchmarking the DFT approach	Scientific Reports	15	1			3.8	10.1038/s41598-025-89149-z
1870	Jayaraman S.; T N.; S A.; G S.	Enhancing urban air quality prediction using time-based-spatial forecasting framework	Scientific Reports	15	1			3.8	10.1038/s41598-024-83248-z
1871	Pandian J.A.; Thirunavukarasu R.; Mariappan L.T.	Enhancing lane detection in autonomous vehicles with multi-armed bandit ensemble learning	Scientific Reports	15	1			3.8	10.1038/s41598-025-86743-z
1872	Sonai V.; Bharathi I.; Jamal S.S.; Bassfar Z.; Nooh S.A.	Efficient IP address retrieval using a novel octet based encoding technique for high speed lookup to improve network performance	Scientific Reports	15	1			3.8	10.1038/s41598-024-84221-6
1873	Pradhan G.; Prusty M.R.; Negi V.S.; Chinara S.	Advanced IoT-integrated parking systems with automated license plate recognition and payment management	Scientific Reports	15	1			3.8	10.1038/s41598-025-86441-w

1874	Sharma P.; Salgotra R.; Raju S.; Abouhawwash M.; Askar S.S.	A hybrid Prairie INFO fission naked algorithm with stagnation mechanism for the parametric estimation of solar photovoltaic systems	Scientific Reports	15	1			3.8	10.1038/s41598-024-61434-3
1875	Saroj S.; Vijayalakshmi U.	Structural, morphological and biological assessment of magnetic hydroxyapatite with superior hyperthermia potential for orthopedic applications	Scientific Reports	15	1			3.8	10.1038/s41598-025-87111-7
1876	Kumaravel S.; Karthikeyan M.	Circularly polarized dual-band resonance in a miniaturized implantable antenna using combined hexagonal and rhombic patches	Scientific Reports	15	1			3.8	10.1038/s41598-025-86882-3
1877	Kirubakaran R.; Pitchumani S.V.; Tom S.; Nagaraj R.A.; Salin P.; Natchimuthu H.K.; Gopalan V.; Vinayagamurthy G.	Investigation of corrosion and water absorption of biomass natural coir fiber/hBN reinforced epoxy hybrid composites using different optimisation approaches	Scientific Reports	15	1			3.8	10.1038/s41598-025-87673-6
1878	Venkatesan H.M.; Arun A.P.	High-performance triboelectric nanogenerators based on Ag-doped ZnO loaded electrospun PVDF nanofiber mats for energy harvesting and healthcare monitoring	Scientific Reports	15	1			3.8	10.1038/s41598-025-87148-8

1879	Arockiaraj M.; Jeni Godlin J.J.; Radha S.; Aziz T.; Al-harbi M.	Comparative study of degree, neighborhood and reverse degree based indices for drugs used in lung cancer treatment through QSPR analysis	Scientific Reports	15	1			3.8	10.1038/s41598-025-88044-x
1880	Kaspar K.; Palanivel K.	Novel sustainable green transportation: A neutrosophic multi-objective model considering various factors in logistics	Sustainable Computing: Informatics and Systems	46				3.8	10.1016/j.suscom.2025.101096
1881	Yadav P.R.; Bhagat P.R.	Metal free innovative approach for the removal of methylene blue from simulated water sample by novel porphyrin based photocatalyst	Optical Materials	160				3.8	10.1016/j.optmat.2025.116757
1882	Bista S.; Syangtan G.; Darlami K.; Chand A.B.; Bista S.; Siddiqui M.A.; Pokhrel L.R.; Dawadi P.; Joshi D.R.	Robotic versus manual disinfection of global priority pathogens at COVID-19-dedicated hospitals	American Journal of Infection Control					3.8	10.1016/j.ajic.2025.01.013
1883	Sumitha Celin T.; Allen Gnana Raj G.; Prathima T.S.; Balamurali M.M.	Investigation of photophysical properties and potential biological applications of substituted tris(polypyridyl)ruthenium(II) complexes	Frontiers in Chemistry	13				3.8	10.3389/fchem.2025.1491598
1884	Thomas L.M.; Sreekanth M.S.	Enhanced water-induced shape memory and swelling characteristics of graphene oxide-cellulose nanofiber reinforced polyvinyl alcohol nanocomposites	Journal of Vinyl and Additive Technology					3.8	10.1002/vnl.22203

1885	Sultania A.; Brahadeeswaran S.; Kolasseri A.E.; Jayanthi S.; Tamizhselvi R.	Menopause mysteries: the exosome-inflammation connection	Journal of Ovarian Research	18	1			3.8	10.1186/s13048-025-01591-9
1886	Mukherjee A.; Shivani Kumar S.; Singh R.; Sangeetha D.; Ahn Y.-H.; Ray S.S.	Tracing the Footprint of Microplastics: Transport Mechanism, Degradation, and Remediation in Marine Environment	Water, Air, and Soil Pollution	236	2			3.8	10.1007/s11270-025-07751-3
1887	Kamaraj K.; Dixneuf P.H.; Sundaram G.B.; Bheeter C.B.	Nickel-Doped Carbon Nanomaterial Catalyzed Transfer Hydrogenation of Unsymmetrical Urea Using Methanol as H2 Source	ChemCatChem					3.8	10.1002/cctc.202401797
1888	Nagaraj S.; Masilamani U.S.	Removal of Fluoride by Effective Utilization of Activated Red Mud-Bentonite as a Reactive Material for Permeable Reactive Barrier	Water, Air, and Soil Pollution	236	3			3.8	10.1007/s11270-025-07838-x
1889	Fathima S.F.; Premalatha L.	Adaptive grid resilient based protection method for multi fault scenarios in medium voltage quintuple DC microgrid system	Scientific Reports	15	1			3.8	10.1038/s41598-025-88833-4
1890	Rajkumar Y.; Santhosh Kumar S.V.N.	A Dickson polynomial based group key agreement authentication scheme for ensuring conditional privacy preservation and traceability in VANETs	Scientific Reports	15	1			3.8	10.1038/s41598-025-89208-5

1891	Subburaj B.; Miruna Joe Amali S.	A fuzzy system based self-adaptive memetic algorithm using population diversity control for evolutionary multi-objective optimization	Scientific Reports	15	1			3.8	10.1038/s41598-025-89289-2
1892	Vignesh N.J.; Navasingh R.J.H.; Pitchumani S.V.; Jesudoss A.J.S.; Nieslony P.; Gopalan V.; Stebel K.; Jasiński R.; Zdanowski M.; Petru J.; Čep R.	Optimization and microstructural study of friction riveted carbon-Kevlar and aluminum joints for aerospace applications	Scientific Reports	15	1			3.8	10.1038/s41598-025-89357-7
1893	Geetha S.; Elakiya E.; Kanmani R.S.; Das M.K.	High performance fake review detection using pretrained DeBERTa optimized with Monarch Butterfly paradigm	Scientific Reports	15	1			3.8	10.1038/s41598-025-89453-8
1894	Ahmed L.N.; Thomas P.	Theoretical analysis of lipase-enzymatic DKR model for racemic (R)- and (S)- ibuprofen ester in a hollow cylindrical membrane bioreactor	Scientific Reports	15	1			3.8	10.1038/s41598-025-89583-z
1895	Vijayalakshmi M.; Sasithradevi A.	AquaYOLO: Advanced YOLO-based fish detection for optimized aquaculture pond monitoring	Scientific Reports	15	1			3.8	10.1038/s41598-025-89611-y
1896	Agarwal S.; Dohare A.K.; Saxena P.; Singh J.; Singh I.; Sahu U.K.	HDL-ACO hybrid deep learning and ant colony optimization for ocular optical coherence tomography image classification	Scientific Reports	15	1			3.8	10.1038/s41598-025-89961-7

1897	Nivetha S.; Karthik A.; Tandon A.; Ghosh M.	Mathematical modeling and optimal control of depression dynamics influenced by saboteurs	Scientific Reports	15	1			3.8	10.1038/s41598-025-90357-w
1898	Rajaguru V.; Iyswarya Annapoorani K.	An optimized fractional order virtual synchronous generator with superconducting magnetic energy storage unit for microgrid frequency regulation enhancement	Scientific Reports	15	1			3.8	10.1038/s41598-025-90483-5
1899	Selvaraj V.K.; Subramanian J.; Mouleswaran S.; Keerthan T.R.K.; Muneeswaran T.; Nath A.K.; Raju M.P.	Sustainable development of bioepoxy composites reinforced with recycled rigid polyurethane foam for mechanical, thermal, acoustic, and electromagnetic applications in a circular economy approach	Scientific Reports	15	1			3.8	10.1038/s41598-025-91273-9
1900	Sharma A.; Khade T.; Satapathy S.M.	A cross dataset meta-model for hepatitis C detection using multi-dimensional pre-clustering	Scientific Reports	15	1			3.8	10.1038/s41598-025-91298-0
1901	Pradeesh M.; Mani P.	Bistability and bifurcations in HIV-1 infection model with non-monotone responses	Scientific Reports	15	1			3.8	10.1038/s41598-025-91417-x
1902	Karthik K.; Ponnambalam P.	Design and implementation of time-based fault tolerance technique for solar PV system reliability improvement in different applications	Scientific Reports	15	1			3.8	10.1038/s41598-025-91464-4

1903	Logeswari G.; Thangaramya K.; Selvi M.; Roselind J.D.	An improved synergistic dual-layer feature selection algorithm with two type classifier for efficient intrusion detection in IoT environment	Scientific Reports	15	1			3.8	10.1038/s41598-025-91663-z
1904	Rajalakshmi R.; PramodKumar T.A.; Dhara A.K.; Kumar G.; Gulnaaz N.; Dey S.; Basak S.; Shankar B.U.; Goswami R.; Mohammed R.; Manikandan S.; Mitra S.; Thethi H.; Jebarani S.; Mathavan S.; Sarveswaran T.; Anjana R.M.; Mohan V.; Ghosh S.; Bera T.K.; Raman R.	Creating a retinal image database to develop an automated screening tool for diabetic retinopathy in India	Scientific Reports	15	1			3.8	10.1038/s41598-025-91941-w
1905	Deepak C.N.; Behura A.K.	Thermal and environmental analysis of Cucumis sativus drying in a mixed mode solar dryer with combined sensible and latent heat energy storage	Scientific Reports	15	1			3.8	10.1038/s41598-025-91971-4
1906	Harsha M.S.; Kumar V.S.H.; Prasad M.B.; Muthukumar C.; Thiagamani S.M.K.; Ayrilmis N.; Krishnasamy S.; Ng L.F.; Jesuarockiam N.	Synergistic effects of titanium dioxide and graphene nanofillers on delamination and thrust forces in machining glass fiber reinforced nanocomposites	Scientific Reports	15	1			3.8	10.1038/s41598-025-92140-3

1907	Sharma A.; Balasundaram A.; Shaik A.; Vaithilingam C.A.	A novel voice in head actor critic reinforcement learning with human feedback framework for enhanced robot navigation	Scientific Reports	15	1			3.8	10.1038/s41598-025-92252-w
1908	Khan M.J.; Ahmad S.; Singh I.; Sahu U.K.	Secrecy outage probability and strictly positive secrecy capacity of UAV assisted cooperative NOMA system with two untrusted destinations	Scientific Reports	15	1			3.8	10.1038/s41598-025-92321-0
1909	Vijayan S.; Chowdhary C.L.	Hybrid feature optimized CNN for rice crop disease prediction	Scientific Reports	15	1			3.8	10.1038/s41598-025-92646-w
1910	Kim T.-H.; Srinivasulu A.; Chinthaginjala R.; Dhakshayani J.; Zhao X.; Obaidur Rab S.	Enhancing cybersecurity through script development using machine and deep learning for advanced threat mitigation	Scientific Reports	15	1			3.8	10.1038/s41598-025-92676-4
1911	Boopathi R.; Indragandhi V.	Enhancement of power quality in grid-connected systems using a predictive direct power controlled based PV-interfaced with multilevel inverter shunt active power filter	Scientific Reports	15	1			3.8	10.1038/s41598-025-92693-3
1912	Venkatesan S.; Nandagopal A.	Soft switched high gain trans inverse DC-DC converter based on three winding coupled inductor for renewable energy applications	Scientific Reports	15	1			3.8	10.1038/s41598-025-92967-w
1913	Kim T.H.; Chinthaginjala R.; Srinivasulu A.; Tera S.P.; Rab S.O.	COVID-19 health data prediction: a critical evaluation of CNN-based approaches	Scientific Reports	15	1			3.8	10.1038/s41598-025-92464-0

1914	Patel V.D.; Gupta D.	Optoelectronic simulation and optimization of all perovskites tandem solar cells employing electrodeposited copper oxide as hole transport layer	Scientific Reports	15	1			3.8	10.1038/s41598-025-93982-7
1915	Mahapatro S.R.; Roy C.; Patel R.; Das S.	A linear matric inequality based multi-loop PI control design for coupled multivariable liquid level system	Scientific Reports	15	1			3.8	10.1038/s41598-025-89865-6
1916	Sharon J.J.; Anbarasi L.J.	An attention enhanced dilated bottleneck network for kidney disease classification	Scientific Reports	15	1			3.8	10.1038/s41598-025-90519-w
1917	Dasgupta T.; Manickam V.; Tamizhselvi R.	Benzydamine rescues ethanol-induced teratogenesis in zebrafish FASD model	Scientific Reports	15	1			3.8	10.1038/s41598-025-93539-8
1918	Rajesh Kumar K.; Chandan M.R.; Kiran B.; Shaik A.H.	Novel Cu-MXene hybrid nanofluids for the experimental investigation of thermal performance in double pipe heat exchanger	Scientific Reports	15	1			3.8	10.1038/s41598-025-94330-5
1919	Shaik N.; Shaik S.B.	Wiener index application in intuitionistic fuzzy rough graphs for transport network flow	Scientific Reports	15	1			3.8	10.1038/s41598-025-94488-y
1920	Preetha R.; Jasmine Pemeena Priyadarsini M.; Nisha J.S.	Brain tumor segmentation using multi-scale attention U-Net with EfficientNetB4 encoder for enhanced MRI analysis	Scientific Reports	15	1			3.8	10.1038/s41598-025-94267-9

1921	Dhatchinamoorthy V.; Devarasan E.; Razzaque A.; Noor S.	A study on neutrosophic - semantic segmentation for iris image recognition with Gaussian and Poisson noises	Scientific Reports	15	1			3.8	10.1038/s41598-025-93743-6
1922	Alexander L.D.; Jakhar S.; Dasgupta M.S.	Influence of pallet height on energy consumption and cooling effectiveness in an apple cold storage	Scientific Reports	15	1			3.8	10.1038/s41598-025-95886-y
1923	Sarveswaran T.; Rajangam V.	An ensemble approach using multidimensional convolutional neural networks in wavelet domain for schizophrenia classification from sMRI data	Scientific Reports	15	1			3.8	10.1038/s41598-025-93912-7
1924	Alphonse S.; Mathew F.; Dhanush K.; Dinesh V.	Federated learning with integrated attention multiscale model for brain tumor segmentation	Scientific Reports	15	1			3.8	10.1038/s41598-025-96416-6
1925	Kumar K.A.; Vanmathi C.	A hybrid parallel convolutional spiking neural network for enhanced skin cancer detection	Scientific Reports	15	1			3.8	10.1038/s41598-025-85627-6
1926	Sahu U.K.; K. S M.; K A.; P M.M.; Jaiswal A.; Yadav U.K.; Dash S.K.	Autonomous object tracking with vision based control using a 2DOF robotic arm	Scientific Reports	15	1			3.8	10.1038/s41598-025-97930-3
1927	Kumar B.P.; Vijayakumar S.; Thomas J.	Effect of polystyrene nanoplastics on its toxicity and reproduction in Philodina roseola	Scientific Reports	15	1			3.8	10.1038/s41598-025-98637-1
1928	Asha M.M.; Ramya G.	Predator crow search optimization with explainable AI for cardiac vascular disease classification	Scientific Reports	15	1			3.8	10.1038/s41598-025-96003-9

1929	Shukla S.; Rajkumar S.; Sinha A.; Esha M.; Elango K.; Sampath V.	Federated learning with differential privacy for breast cancer diagnosis enabling secure data sharing and model integrity	Scientific Reports	15	1			3.8	10.1038/s41598-025-95858-2
1930	Jaiswal V.; Narendiranath Babu T.; Murugan P.; Rama Prabha D.	Fault analysis on deep groove ball bearing using ResNet50 and AlexNet50 algorithms	Scientific Reports	15	1			3.8	10.1038/s41598-025-97410-8
1931	Shameli R.; Rajkumar S.	High-speed threat detection in 5G SDN with particle swarm optimizer integrated GRU-driven generative adversarial network	Scientific Reports	15	1			3.8	10.1038/s41598-025-95011-z
1932	Srivathsan M.S.; Jenish S.A.; Arvindhan K.; Karthik R.	An explainable hybrid feature aggregation network with residual inception positional encoding attention and EfficientNet for cassava leaf disease classification	Scientific Reports	15	1			3.8	10.1038/s41598-025-95985-w
1933	Khandelwal N.; Kumari S.; Poduval S.; Behera S.K.; Kumar A.; Gedam V.V.	Life-cycle assessment of three biorefinery pathways across different generations	Scientific Reports	15	1			3.8	10.1038/s41598-025-96474-w
1934	Erukala S.B.; Tokmakov D.; Perumalla A.; Kaluri R.; Bekyarova-Tokmakova A.; Mileva N.; Lubomirov S.	A secure end-to-end communication framework for cooperative IoT networks using hybrid blockchain system	Scientific Reports	15	1			3.8	10.1038/s41598-025-96002-w

1935	Kalinathan L.; Anandan K.R.; Ravichandran J.; Devi K.; Benila S.; Ravikumar A.	Enhancing counterfactual detection in multilingual contexts using a few shot clue phrase approach	Scientific Reports	15	1			3.8	10.1038/s41598-025-96085-5
1936	Kuriachan G.; Parthiban A.	Prediction of -electronic energy and physical properties of benzenoid hydrocarbons using domination degree based entropies	Scientific Reports	15	1			3.8	10.1038/s41598-025-95517-6
1937	Sujatha R.; Krishnan S.; Chatterjee J.M.; Gandomi A.H.	Advancing plant leaf disease detection integrating machine learning and deep learning	Scientific Reports	15	1			3.8	10.1038/s41598-024-72197-2
1938	Narasimhan G.; Victor A.	A hybrid approach with metaheuristic optimization and random forest in improving heart disease prediction	Scientific Reports	15	1			3.8	10.1038/s41598-024-73867-x
1939	Chavan N.D.; Sarveswari S.; Vijayakumar V.	Synthesis of novel sulphonamide derivatives from tunable quinolines with computational studies	Scientific Reports	15	1			3.8	10.1038/s41598-025-94817-1
1940	Sankar S.; Chandrasekaran N.; Gurubaran A.; Rajagopal K.; Jayaraj I.; Parvathi V.D.	Acute Effects of Size Dependent Low-Density Polyethylene Microplastics on Zebrafish	Water, Air, and Soil Pollution	236	6			3.8	10.1007/s11270-025-07976-2
1941	Manjupriya R.; Roopan S.M.	Cu3TiO4/Carbon Dots/g-C3N4 Heterojunction: An Efficient Photocatalyst for Multifarious Reactions	Industrial and Engineering Chemistry Research	64	13	6810	6824	3.8	10.1021/acs.iecr.4c04160

1942	Mahanty B.; Behera S.K.; Godio A.; Chiampo F.	Hybrid Modeling with Artificial Neural Networks for Predicting In-Situ Bioremediation Dynamics of Diesel Fuel-Spiked Soil	Water, Air, and Soil Pollution	236	5			3.8	10.1007/s11270-025-07940-0
1943	Anwarsha A.; Narendiranath Babu T.	Fault detection of taper roller bearings using tunable Q-factor wavelet transform and fault classification using long–short-term memory network	Scientific Reports	15	1			3.8	10.1038/s41598-025-93514-3
1944	Peter P.; Clement J.; Arockiaraj M.; Jacob K.	Predictive modeling of molecular interaction energies using topological and spectral entropies of zeolite AWW	Frontiers in Chemistry	13				3.8	10.3389/fchem.2025.1543588
1945	Kuriachan G.; Parthiban A.	Computation of domination degree-based topological indices using python and QSPR analysis of physicochemical and ADMET properties for heart disease drugs	Frontiers in Chemistry	13				3.8	10.3389/fchem.2025.1536199
1946	Raali R.; Suresh P.K.	Unraveling Glioblastoma: TME Implication and Gene Therapy Advances	Current Gene Therapy					3.8	10.2174/0115665232351747241113050243
1947	Anuradha D.S.; Jaganathan B.	Predictive modelling and ranking: Azadirachta indica compounds through indices and multi-criteria decision-making techniques	Frontiers in Chemistry	13				3.8	10.3389/fchem.2025.1580267
1948	Dutta P.; Chakraborty A.; Amrit R.; Dey P.; Buragohain T.; Osborne W.J.	Biotic remedies for Antibiotic pollution: A Review on Bioremediation Strategies	Water, Air, and Soil Pollution	236	7			3.8	10.1007/s11270-025-08078-9

1949	Roy A.; Anbarasu A.	Unveiling Berberine analogues as potential inhibitors of Escherichia coli FtsZ through machine learning molecular docking and molecular dynamics approach	Scientific Reports	15	1			3.8	10.1038/s41598-025-98835-x
1950	Baskaran D.; Behera S.K.; Mahanty B.; Aliveli M.; Elmanadely A.; Bilyaminu A.M.; James A.; Rene E.R.; Rajamanickam R.	Treatment of Chlorinated Volatile Organic Compounds Using Different Bioreactor Systems: Microbial Communities and Pollutant Removal	Water, Air, and Soil Pollution	236	7			3.8	10.1007/s11270-025-08049-0
1951	Chellapandi T.; Eswaramoorthy N.; Dineshbabu N.; Nallusamy S.; Pikon K.; Ganesapillai M.	Zeolitic imidazolate framework-8 microcrystals as photocatalysts for acid red 27 food dye and tetracycline drug degradation	Vacuum	239				3.8	10.1016/j.vacuum.2025.114397
1952	Shaik A.; Dutta S.S.; Sawant I.M.; Kumar S.; Balasundaram A.; De K.	An attention based hybrid approach using CNN and BiLSTM for improved skin lesion classification	Scientific Reports	15	1			3.8	10.1038/s41598-025-00025-2
1953	Muniyappan S.; Krishnaiah R.	Establish operating conditions for optimal output characteristics in reactivity controlled combustion engine	Scientific Reports	15	1			3.8	10.1038/s41598-025-00497-2
1954	Sasikumar A.; Ravi L.; Devarajan M.; Almazyad A.S.; De S.; Xiong G.; Mousavirad S.J.; Mohamed A.W.	An efficient binary salp swarm algorithm for user selection in multiuser MIMO antenna systems	Scientific Reports	15	1			3.8	10.1038/s41598-025-00772-2

1955	Suguna R.; Suriya Prakash J.; Aditya Pai H.; Mahesh T.R.; Vinoth Kumar V.; Yimer T.E.	Mitigating class imbalance in churn prediction with ensemble methods and SMOTE	Scientific Reports	15	1			3.8	10.1038/s41598-025-01031-0
1956	Sridharan P.; Ghosh M.	Gene expression and agent-based modeling improve precision prognosis in breast cancer	Scientific Reports	15	1			3.8	10.1038/s41598-025-01275-w
1957	Ahmed S.N.; Prakasam P.	Intracranial hemorrhage segmentation and classification framework in computer tomography images using deep learning techniques	Scientific Reports	15	1			3.8	10.1038/s41598-025-01317-3
1958	Anand S.; Gopalan V.; Pitchumani S.V.	Optimization of thermal conductivity in coir fibre-reinforced PVC composites using advanced computational techniques	Scientific Reports	15	1			3.8	10.1038/s41598-025-01471-8
1959	Tamilarasi W.; Balamurugan B.J.	QSPR and QSTR analysis to explore pharmacokinetic and toxicity properties of antifungal drugs through topological descriptors	Scientific Reports	15	1			3.8	10.1038/s41598-025-01522-0
1960	Mohanasundaram P.; Saral A M.	Binding properties and biological applications of green synthesized ZnO nanoparticles from neem flower	Scientific Reports	15	1			3.8	10.1038/s41598-025-02157-x
1961	Nagarajan K.; Rajagopalan A.; Bajaj M.; Raju V.; Blazek V.; Prokop L.	Improved Lyrebird optimization for multi microgrid sectionalizing and cost efficient scheduling of distributed generation	Scientific Reports	15	1			3.8	10.1038/s41598-025-02200-x

1962	Kondru J.B.; Obulesu Y.P.	Comprehensive performance analysis of an electric vehicle using multi-mode Indian drive cycles	Scientific Reports	15	1			3.8	10.1038/s41598-025-02238-x
1963	Tom A.M.; Daya J.L.F.	Design of machine learning-based controllers for speed control of PMSM drive	Scientific Reports	15	1			3.8	10.1038/s41598-025-02396-y
1964	Krishnan S.D.; Daniel A.; Ayyasamy S.; Balusamy B.; Selvarajan S.; Al-Shehari T.; Alsadhan N.A.	An algorithm for heterogeneous wireless network connections for user preferences and services	Scientific Reports	15	1			3.8	10.1038/s41598-025-02451-8
1965	Harinarayanan J.; Balamurugan P.	SOC estimation for a lithium-ion pouch cell using machine learning under different load profiles	Scientific Reports	15	1			3.8	10.1038/s41598-025-02709-1
1966	Jacob K.; Clement J.; Arockiaraj M.; Peter P.; Balasubramanian K.	Network topology and entropy analysis of tetragonal farneseite zeolites	Scientific Reports	15	1			3.8	10.1038/s41598-025-90177-y
1967	Sharma S.K.; Chowdhary C.L.; Sharma V.S.; Rasool A.; Khan A.A.	Intelligent health model for medical imaging to guide laymen using neural cellular automata	Scientific Reports	15	1			3.8	10.1038/s41598-025-94032-y
1968	R D.; Markkandan S.; Arjunan V.K.	Performance evaluation on extended neural network localization algorithm on 5 g new radio technology	Scientific Reports	15	1			3.8	10.1038/s41598-025-96673-5
1969	Varghese R.; Ramamoorthy S.	Deciphering the effects of bixin on pulmonary alveolar adenocarcinoma migration and proliferation via targeting BAX/BCL-2 and Cyclin D1	Scientific Reports	15	1			3.8	10.1038/s41598-025-96788-9

1970	Srinivasan J.	Innovative cross-layer defense mechanisms for blackhole and wormhole attacks in wireless ad-hoc networks	Scientific Reports	15	1			3.8	10.1038/s41598-025-97094-0
1971	Gayathri D.; Shantharajah S.P.	MetaStackD A robust meta learning based deep ensemble model for prediction of sensors battery life in IoE environment	Scientific Reports	15	1			3.8	10.1038/s41598-025-97720-x
1972	Srinivasan S.; OmKumar C.	An edge sensitivity based gradient attack on graph isomorphic networks for graph classification problems	Scientific Reports	15	1			3.8	10.1038/s41598-025-97956-7
1973	R D.; T.S P.K.	Dual level dengue diagnosis using lightweight multilayer perceptron with XAI in fog computing environment and rule based inference	Scientific Reports	15	1			3.8	10.1038/s41598-025-98365-6
1974	Priya V.; Sudhakaran R.	A novel approach for DNA extraction of white spot syndrome virus detection in penaeid shrimp	Scientific Reports	15	1			3.8	10.1038/s41598-025-98536-5
1975	Vincy G.C.; Micheal D.R.	On the optimal layout of (Kp − Cp)n into grid and certain structures	Scientific Reports	15	1			3.8	10.1038/s41598-025-98962-5
1976	Padma Sri Lekha P.; Abdul Azeez E.P.; Jadhav B.N.; Al-Maamari W.S.; Saleh E.F.; Senthil Kumar A.P.	Association between adverse childhood experiences and masculinity with well-being: moderating role of behavioural emotional regulation among men of three nations	Scientific Reports	15	1			3.8	10.1038/s41598-025-99193-4

1977	Nishanth G.; Krishnan M.M.; Parandhaman B.; Harinarayanan J.	Hardware implementation of EKF based SOC estimate for lithium-ion batteries in electric vehicle applications	Scientific Reports	15	1			3.8	10.1038/s41598-025-99931-8
1978	Naveenkumar S.; Kamaraj C.; Kumarasamy V.; Jayaseelan C.; Prem P.; Boomija R.V.; Suseem S.R.; Subramaniyan V.; Barasarathi J.; Wong L.S.	Isolation and validation of antimalarial compounds from Phyllanthus emblica leaves for new antimalarial drug development	Scientific Reports	15	1			3.8	10.1038/s41598-025-99998-3
1979	Kalaam A.R.A.; Greeni A.B.	Two-dimensional coronene fractals: modified reverse degree indices, comparative analysis of information entropy and predictive modeling of spectral properties	Frontiers in Chemistry	13				3.8	10.3389/fchem.2025.1588942
1980	Ramasamy R.; Nallendiran L.; Subramanian R.B.	Microfiber Filters for Laundry: A Systematic Review of Effectiveness and Future Research Directions for Pollution Mitigation	Water, Air, and Soil Pollution	236	6			3.8	10.1007/s11270-025-07970-8
1981	Ahamed Ibrahim S.N.; Ramachandran A.; Pavithrapriya S.; Palanivelu K.	Emission risk assessment of carbonaceous aerosols from road transport in the megacity of Chennai, India	Atmospheric Environment: X	26				3.8	10.1016/j.aeaoa.2025.100340
1982	Bhagwat U.O.; Anandan S.; Goel S.; Al Souwaileh A.; Wu J.J.; Thirunavukarasu V.; Anandan S.; Ashokkumar M.	Bi–TiO2 nanomaterials in treating toxic water dye pollutants with machine learning models	Optical Materials	167				3.8	10.1016/j.optmat.2025.117231

1983	Avinash J.; Chamundeeswari S.P.V.	Synthesis and characterization of Cu2O/ZnO heterojunction for photocatalytic removal of methylene blue	Vacuum	240				3.8	10.1016/j.vacuum.2025.114482
1984	Kanchana S.; Prakash Shyam K.; Balavigneswaran C.K.; Venkatesan S.	High-Performance Biosorbent from Pyrolyzed Themeda arundinacea for Effective Removal of Textile Dyes: Isotherm, Kinetic, and Thermodynamic Studies	Industrial and Engineering Chemistry Research	64	24	11936	11951	3.8	10.1021/acs.iecr.5c00348
1985	Pandiyan M.; Narendiranath Babu T.	Implementation of MF block in CNN for advanced REB fault diagnosis	Scientific Reports	15	1			3.8	10.1038/s41598-025-01780-y
1986	A N.; KS P.	Efficient joint resource allocation using self organized map based Deep Reinforcement Learning for cybertwin enabled 6G networks	Scientific Reports	15	1			3.8	10.1038/s41598-025-02274-7
1987	Begum M.S.; Kalaivani S.	Smart neural network and cognitive computing process for multi task nuclei detection segmentation and classification in breast cancer histopathology images	Scientific Reports	15	1			3.8	10.1038/s41598-025-02575-x
1988	Usharani S.; Kaspar S.	Understanding temperature-rain data using ID3 based concept reduction technique in FCA	Scientific Reports	15	1			3.8	10.1038/s41598-025-02652-1

1989	Chandnani K.; Tripathy S.; Parbhakar A.K.; Takiar K.; Singhal U.; Sasikumar P.; Maheswari S.	A novel smart baby cradle system utilizing IoT sensors and machine learning for optimized parental care	Scientific Reports	15	1			3.8	10.1038/s41598-025-02691-8
1990	Raveena R.; Umamaheswari S.	Integrated MCDM framework for sustainable pharmacy supplier selection using pioneering criteria with fuzzy TOPSIS SVR and GRA	Scientific Reports	15	1			3.8	10.1038/s41598-025-02975-z
1991	Pearl S.; Anbarasu A.	Genomic landscape of nosocomial Acinetobacter baumannii: A comprehensive analysis of the resistome, virulome, and mobilome	Scientific Reports	15	1			3.8	10.1038/s41598-025-03246-7
1992	Anjali; Kumar B.R.	Spatiotemporal dynamics and policy impact on farmer suicides in Maharashtra, India	Scientific Reports	15	1			3.8	10.1038/s41598-025-03335-7
1993	Selvi M.; Santhosh Kumar S.V.N.; Thangaramya K.; Abdul Gaffar H.	Energy efficient trust aware secure routing algorithm with attribute based encryption for wireless sensor networks	Scientific Reports	15	1			3.8	10.1038/s41598-025-03558-8
1994	Sarangi S.; Ghosh D.	The impact of supply chain integration on health-care organization performance in the era of Industry 4.0: a SEM analysis	Journal of Global Operations and Strategic Sourcing					3.8	10.1108/JGOSS-07-2024-0051

1995	Kour S.; Ravi Sankar J.	Hydrogen-centric machine learning approach for analyzing properties of tricyclic anti-depressant drugs	Frontiers in Chemistry	13				3.8	10.3389/fchem.2025.1603948
1996	Wahid M.; Mandal R.K.; Sikander M.; Khan M.R.; Haque S.; Nagda N.; Ahmad F.; Rodriguez-Morales A.J.	Safety and Efficacy of Repurposed Smallpox Vaccines Against Mpox: A Critical Review of ACAM2000, JYNNEOS, and LC16	Journal of Epidemiology and Global Health	15	1			3.8	10.1007/s44197-025-00432-8
1997	M., Adhish, Mazumder; I., Manjubala, Inderchand	PPGBioPred: a webserver for predicting the bioactivity of compounds against PPAR? involved in the negative regulation of the Wnt/�-catenin signaling pathway	Molecular Diversity					3.8	10.1007/s11030-025-11297-1
1998	V.M., Hadkar, Vrushali Manoj; N.K., Sishu, Nayan Kumar; S.P., Jayabharathi, Swathy Prakash; A., Sharmila, Arunagiri; C.I., Selvaraj, Chinnadurai Immanuel	Biogenic synthesis of Albizia lucidior mediated magnetite nanoparticles (Fe3O4 NPs): Therapeutic applications and photocatalytic activity	Biocatalysis and Agricultural Biotechnology	67				3.8	10.1016/j.bcab.2025.103676
1999	M.D., Kumar, Maddina Dinesh; P., Durgaprasad, P.; C.S.K., Raju, Chakravarthula S.K.; N.A., Shah, Nehad Ali; S., Yook, Sejin	Deep learning-driven heat transfer prediction in irregular ternary hybrid nanofluid flow over fin geometries via the Adam optimization algorithm	Chemometrics and Intelligent Laboratory Systems	265				3.8	10.1016/j.chemolab.2025.105489

2000	S., Naz, Shabiha; R., Tamizharasi, R.	Presenting a rheological model for magnetohydrodynamic Jeffrey fluid flow past an inclined permeable vertical surface under the influence of injection/suction, mixed convection and a decaying pressure gradient	Numerical Heat Transfer, Part B: Fundamentals					3.8	10.1080/10407790.2025.2530677
2001	T., Ashika, T.; G., Hannah Grace, G.	Enhancing heart disease prediction with stacked ensemble and MCDM-based ranking: an optimized RST-ML approach	Frontiers in Digital Health	7				3.8	10.3389/fdgth.2025.1609308
2002	A., Chakraborty, Arnab; R., Amrit, Rajshree; P., Dutta, Prerona; W.J., Osborne, W. Jabez	Unlocking Nature's Vault: Endophytes as plant-sourced biological treasures	Biocatalysis and Agricultural Biotechnology	67				3.8	10.1016/j.bcab.2025.103685
2003	H.Y., Naik, Hetvi Y.; S., Manoharadas, Salim; N., Bommayasamy, Narayanasamy; J., Thomas, John; M., Gobi, Muthukaruppan; T., Muthu, Thiruvengadam; N., Amaresan, Natarajan	Biogenic iron oxide nanoparticles mitigate cobalt toxicity in rice (Oryza sativa L.) under greenhouse conditions	Environmental Geochemistry and Health					3.8	10.1007/s10653-025-02680-w

2004	R., Sreena, Radhakrishnan; A.J., Nathanael, A. J.	Design and process optimisation of shape memory polymer based three-dimensional (3D) scaffolds for biomedical applications	Smart Materials and Structures					3.8	10.1088/1361-665X/ae0206
2005	I.P., Latha Laxmi, Indrani Paramasivan; R., Tamizhselvi, Ramasamy	Methylsulfonylmethane Mitigates Neurobehavioral Impairment, Oxidative Stress, Changes in Trace Elements and Clock Expression in Alcohol and Circadian-Disrupted C57BL/6J Mice Brain	Neurochemical Research					3.8	10.1007/s11064-025-04551-3
2006	Nallakaruppan, N.; Rajasekaran, R.; Thiagarajan, K.	Bio-efficacy of Hedyotis sithiravaraiensis callus extract: A stepwise evaluation through phytochemical profiling, antioxidant activity, molecular docking, and cytotoxicity	Biocatalysis and Agricultural Biotechnology	69				3.8	10.1016/j.bcab.2025.103783
2007	Jenifa, G.; Tapas Bapu, B.R.; Vivekanandan, M.; Senthil Murugan, J.	Decoding brain tumor patterns in MRI images: Unleashing optimized insights with Progressive Wasserstein generative adversarial network	Chemometrics and Intelligent Laboratory Systems	268				3.8	10.1016/j.chemolab.2025.105563
2008	Kumar A, H.; Venkatram C, P.; Saran, N.; Daniel, D.; Joe, P.	Decentralized digital health ecosystems: a unified architecture for AI-enhanced medical record management	Frontiers in Digital Health	7				3.8	10.3389/fdgth.2025.1685628

2009	Suruthi, M.; Ganesh, N.	A hybrid PSO-AVOA framework for patient-reported drug prioritization with enhanced exploration and exploitation	Frontiers in Digital Health	7				3.8	10.3389/fdgth.2025.1708730
2010	Xu, R.; Sharma, A.K.; Ahmed, Z.; Kumar, R.; Hugo, L.; Yokoyama, R.; Miwa, S.; Suzuki, S.; Kosuge, A.	Efficient control and removal of laser-generated aerosol particles by combining water spray with pre-injection of electrical charged mist for nuclear reactor decommissioning	Nuclear Science and Techniques	37	1			3.8	10.1007/s41365-025-01825-x
2011	Manoharan, N.K.; Samuel, S.	Multifunctional Role of Eu3+ in NaSrBiTeO6 Double Perovskites for Solid-State Lighting, Temperature Sensing, and Latent Fingerprint Applications	ACS Applied Optical Materials	3	11	2690	2705	3.8	10.1021/acsaom.5c00402
2012	Kothandam S., Selvatharani V., Vijayakumar N., Alex R.A., Abraham J., Maheshwaran S., Swamiappan S.	Zinc Doped Akermanite: A Promising Biomaterial for Orthopedic Application with Enhanced Bioactivity, Mechanical Strength, and Bacterial Study	ACS Omega	10	2	1911	1926	3.7	10.1021/acsomega.4c05482
2013	Sultana S., Rahaman M., Chandan M.R.	Enhancing EMI Shielding Efficiency of Polyurethane Foam by Incorporating MWCNT-Decorated Hollow Glass Microspheres	ACS Omega	10	2	2314	2326	3.7	10.1021/acsomega.4c10167

2014	Nagarajan U., Naha A., Ashok G., Balasubramanian A., Ramaiah S., V Kanth S., Dusthackeer A., Anbarasu A., Natarajan S.	Biomolecular Interaction of Carnosine and Anti-TB Drug: Preparation of Functional Biopeptide-Based Nanocomposites and Characterization through In Vitro and In Silico Investigations	ACS Omega	10	1	567	587	3.7	10.1021/acsomega.4c07176
2015	Jyothish K., Santiago R.	Quantitative Structure-Property Relationship Modeling with the Prediction of Physicochemical Properties of Some Novel Duchenne Muscular Dystrophy Drugs	ACS Omega					3.7	10.1021/acsomega.4c08572
2016	Kuruvilla Thomas R., Balasundaram A., Fathima G., Sankar S., Davis G D.J., Ramamoorthy M., Saravanan N., Kumari S., Reju S., Barani R., Selvarajan S., Kaveri K., Fletcher J., Blackard J.T., Doss C G.P., Srikanth P.	Identification and Validation of B-Cell Epitopes on the VP1 Protein of Parvovirus B19 through Molecular Docking and Dynamics Simulation	ACS Omega					3.7	10.1021/acsomega.4c08353
2017	Rajendran N., Karthikeyan S.	Pd/C-Catalyzed Tandem Synthesis of β-Amino Alcohol Using Epoxide through Transfer Hydrogenation of Nitroarene with Methanol	ACS Omega					3.7	10.1021/acsomega.4c07580

2018	Dinesh S, Sahu J.	Thermomechanical simulation and experimental validation of distortion and residual stress for LPBF additive manufactured Inconel 718	Materials Today Communications	42				3.7	10.1016/j.mtcomm.2025.111512
2019	Vaka U., Ramkumar M.C.	Non-thermal plasma treated and MXene (Ti3C2Tx)/Chitosan/TiO2 nanocomposite coated cotton fabrics-antibacterial and wound healing applications	Materials Today Communications	42				3.7	10.1016/j.mtcomm.2024.111444
2020	Muthu S.M., Senthur Prabu S., Sujai S., Sebastian J., Liyakat N.A.	Microstructure and mechanical properties of functionally graded materials alloy 82 / AISI 304L by employing WAAM	Materials Today Communications	42				3.7	10.1016/j.mtcomm.2024.111399
2021	Sheng X.; Wang C.; Shen J.; Sattamuthu H.; Radhakrishnan N.	Verifiable Private Data Access Control in Consumer Electronics for Smart Cities	IEEE Consumer Electronics Magazine					3.7	10.1109/MCE.2024.3524750
2022	Das A., Ruhal R.	Potential of plants-based alkaloids, terpenoids and flavonoids as antibacterial agents: An update	Process Biochemistry	150		94	120	3.7	10.1016/j.procbio.2025.01.003
2023	Osman A.; Afjal M.; Alharthi M.; Elheddad M.; Djellouli N.; He Z.	Green growth dynamics: unraveling the complex role of financial development and natural resources in shaping renewable energy in Sub-Saharan Africa	Humanities and Social Sciences Communications	12	1			3.7	10.1057/s41599-025-04364-3
2024	Palanisamy B.; Rajasekaran V.	The listening renaissance: a theoretical exploration of audio-based digital narratives in literature	Humanities and Social Sciences Communications	12	1			3.7	10.1057/s41599-025-04394-x

2025	Dara A.; Mertens A J.; Gunji B.; Bahubalendruni M.V.A.R.	Quasi-static and dynamic response of open lattice structures for enhanced plateau stresses: Simulation and experiment validation	Materials Today Communications	44				3.7	10.1016/j.mtcomm.2025.111953
2026	Narayanan V.; Mandal B.K.	SnMn2O4-rGO: A mixed spinel on reduced graphene oxide as binary heterojunction for light induced oxidative degradation and reduction of environmental contaminants	Materials Today Communications	44				3.7	10.1016/j.mtcomm.2025.111906
2027	Hariharan M.; Eithiraj R.D.	Machine Learning Model Used to Predict DFT-Computed Thermoelectric Parameters of Chalcogenide Halides CuHgSCl and CuHgSI	Materials Today Communications	43				3.7	10.1016/j.mtcomm.2025.111705
2028	Pandya C.; Sharma H.; Panicker R.; Samal S.; Noble D.; Gokulprasanth N.; Mondal J.; Pathak M.; Sivaramakrishna A.	Substituent Effect on Cytotoxicity and Interaction Profile of DNA/BSA With Selected Terpyridine Derivatives of Ester/Ferrocene and Their Fe(III) and Ru(III) Complexes—A Comparative Analysis	Applied Organometallic Chemistry	39	2			3.7	10.1002/aoc.8001
2029	Kesavaram R.; Chandrasekaran S.S.	Debris flow in the Nenmara, Kerala, India: insights from geophysical testing, subsurface investigation and numerical analysis	Bulletin of Engineering Geology and the Environment	84	2			3.7	10.1007/s10064-025-04093-6

2030	Abirami K.; Anbazhagan R.; Chinthaginjala R.; Manikandan C.; Kim T.-H.; AI-Lohedan H.A.; Jung Y.J.	Near-Field Microwave Resonating Sensor for Chronic Bone Assessment through Novel Electromagnetic Band Gap Structures	ACS Omega	10	5	4987	4997	3.7	10.1021/acsomega.4c10595
2031	Monisha S.; Sain A.; Jayaprakash N.S.; Kumar A.S.	Facile Antibody Immobilization on a Redox-Active Thionine-Functionalized Carbon Nanofiber Surface for Rapid Electrochemical Immunosensing of a Bioengineered Malaria Protein Biomarker	Langmuir					3.7	10.1021/acs.langmuir.4c03620
2032	Munusami C.; Venkatesan R.; Pradhan N.C.; Koziel S.	Compact Self-Diplexing MIMO Antenna with Improved Isolation for IoT Connectivity	IEEE Antennas and Wireless Propagation Letters					3.7	10.1109/LAWP.2025.3541099
2033	Manogaran R.; Murugesan M.	A review on recent advancements in textile fabrics for electromagnetic interference (EMI) shielding materials	Materials Today Communications	44				3.7	10.1016/j.mtcomm.2025.111879
2034	Azhagesan A.; Chandrasekaran N.	Exposure of Polystyrene Micro- and Nanoplastics to Simulated Human Digestive Enzymatic Systems: Structural and Functional Implications	ACS Omega					3.7	10.1021/acsomega.4c07974

2035	John A.S.; Gurumurthy K.	Synthesis and Characterization of CuO Nanoparticles from Bioleached Copper through Modified and Optimized Double Precipitation Method	ACS Omega	10	10	10193	10198	3.7	10.1021/acsomega.4c09064
2036	Swaathy R.; Karthikeyan S.	Heterogeneous Mn@CeO2 Catalyst for α-Alkylation of Ketones with Alcohols via Hydrogen-Borrowing Strategy	ACS Omega	10	9	9649	9660	3.7	10.1021/acsomega.4c10938
2037	Ghosh A.; Tiwari A.K.; Kumari A.; Alam S.; Das M.; Karthik K.	Interactive augmented reality application using animal flashcards for education of children	Interactive Learning Environments					3.7	10.1080/10494820.2025.2479163
2038	George J.; Viswanathan R.; Usmani F.; M M.	Unveiling information asymmetry: analyzing spot-future price relations during cash and physical delivery settlements	Humanities and Social Sciences Communications	12	1			3.7	10.1057/s41599-025-04654-w
2039	Bose S.; Floris A.; Rajendiran M.; D'Aguanno B.	Thermodynamic States in Nonhomogeneous Systems: From Nanoscale to Macroscale	ACS Omega	10	15	15321	15333	3.7	10.1021/acsomega.4c11379
2040	Babalou R.; Azarbarmas M.; Prashanth K.G.	Heat treatment and laser shock peening of AlSi10Mg alloy produced by selective laser melting: Microstructure, hardness and residual stress analysis	Materials Today Communications	45				3.7	10.1016/j.mtcomm.2025.112408

2041	M V.; K V.	Machine learning optimization of KOH treatment parameters for enhanced tensile strength and cellulose content in sisal fibers: A synergistic approach	Materials Today Communications	45				3.7	10.1016/j.mtcomm.2025.112307
2042	Panickar A.; Manoharan A.; Ramaiah S.	Single nucleotide polymorphisms and penicillin non-susceptibility among invasive Streptococcus pneumoniae from Vietnam and India: Insights from a comparative genomics study	Journal of Global Antimicrobial Resistance	43		120	129	3.7	10.1016/j.jgar.2025.04.016
2043	Nandhakumar R.; Venkatesan K.	Effect of heat treatment on volumetric energy density and wear behavior of 310 stainless steel fabricated by selective laser melting	Materials Today Communications	46				3.7	10.1016/j.mtcomm.2025.112773
2044	Kumar M.; Rajagopal D.; Karthikeyan S.	Research on the Effects of Environmentally Friendly Additives on Mild Steel Electroless Plating	ACS Omega					3.7	10.1021/acsomega.4c09616
2045	Kartha A.R.; Ajayakumar D.P.; Idris M.; Ragupathy G.	Unlocking the Potential of Machine Learning in Enhancing Quantum Chemical Calculations for Infrared Spectral Prediction	ACS Omega	10	18	19224	19234	3.7	10.1021/acsomega.5c02405
2046	Sabu N.A.; Radhakrishnan V.	Status of Holocaust teaching in secondary level of education in Kerala: analysis and suggestions	Humanities and Social Sciences Communications	12	1			3.7	10.1057/s41599-025-04902-z

2047	Thanigachalam S.; Subramaniyan M.; Salimath S.; Ramasamy S.; Wagh M.; Osborne W.; Gomathinayagam S.; Muthukaliannan G.; Pathak M.	Investigation on Cytotoxicity Against Lung Carcinoma Cell Line at New Metallacyclic Complexes of Titanium(IV) Incorporated With β-Diketone and 4-(1,4,5-Triphenyl-1H-Imidazol-2-Yl) Benzene-1,2-Diol Derivatives	Applied Organometallic Chemistry	39	6			3.7	10.1002/aoc.70234
2048	Christudoss A.C.; Sah K.K.; Vikram R.; Giri S.; Viswanathan D.; Dimkpa C.O.; Mukherjee A.	Tailoring the Synthesis Route of Reduced Graphene Oxide and Its Toxicological Effects on Allium cepa L.	ACS Omega	10	20	20771	20783	3.7	10.1021/acsomega.5c01919
2049	Dhanasekaran A.; Malakar A.; Lakshmanan A.; Stranak V.; Bose S.; Dhanaraj K.; Venugopal V.	Electromagnetic Interference Shielding Properties of Conductive Polyaniline/TiO2/MoS2 Hybrid Composites	ACS Omega					3.7	10.1021/acsomega.5c02527
2050	Ihou A.F.Y.; Mansingh J.P.	Pathways to farmers' entrepreneurship: the role of entrepreneurial mindset	Frontiers in Sustainable Food Systems	9				3.7	10.3389/fsufs.2025.1584522
2051	Manimaran U.; Shrinivas Dangate M.	A Review on Conducting Materials in CdTe Photovoltaic Cells	ACS Omega	10	23	23858	23872	3.7	10.1021/acsomega.5c01030
2052	T.D.B., Kannan, Thangaraju Deepan Bharathi; B., Arulmurugan, Balasubramanian; M., Manikandan, M.	Evaluation of metallurgical and mechanical properties in dissimilar welding of Monel 400 and Hastelloy C-2000 using single and double pulse gas metal arc welding techniques	Journal of Adhesion Science and Technology					3.7	10.1080/01694243.2025.2522185

2053	P., Vinothiyalakshmi, P.; N., Rajganesh, Nagarajan; R., Thirunavukarasu, Ramkumar; A.P., J., Arun Pandian; E., Kotei, Evans	A Container-Based Cloud Broker for Effective Service Provisioning in Multicloud Environment	International Journal of Intelligent Systems	2025	1			3.7	10.1155/int/1009713
2054	D., Ramakrishnan, Devananth; M., Sathiyamoorthy, Mahenthiran	Enhancing the remediation of polyamide microplastics: A comparative study of natural and synthetic coagulants	Frontiers in Environmental Science	13				3.7	10.3389/fenvs.2025.1620074
2055	B., P, Bharathiraja; P., Ashwath, Pazhani; A.X., Michael, Anthony Xavior; S., Pitchaimuthu, Sudhagar; A.D.L., Batako, Andre D.L.	Effect of T6 and T8 Ageing on the Mechanical and Microstructural Properties of Graphene-Reinforced AA2219 Composites for Hydrogen Storage Tank Inner Liner Applications	Journal of Composites Science	9	7			3.7	10.3390/jcs9070328
2056	V., Manokaran, Venkatraman; A.X., Michael, Anthony Xavior; P., Ashwath, Pazhani; A.D.L., Batako, Andre D.L.	Residual Stress Evolution of Graphene-Reinforced AA2195 (Aluminum–Lithium) Composite for Aerospace Structural Hydrogen Fuel Tank Application	Journal of Composites Science	9	7			3.7	10.3390/jcs9070369

2057	M., Rama, M.; A.S., Suresh, Ashwin Sudarshan; A.E., John, Aqza Elza; L., Vijaylal, Lokesh; U., Vijayalakshmi, U.	Revolutionizing tissue engineering: integrating 3D bioprinting and additive manufacturing for precision scaffold design and biomimetic tissue regeneration	Materials Technology	40	1			3.7	10.1080/10667857.2025.2530639
2058	P., Jaisridhar, P.; R., Nirosha, R.; S., Jasimudeen, S.; M., Senthilkumar, Murugaiyan; null; P., Raja, Pushpanathan	Institutional dynamics in climate change adaptation a bibliometric analysis	Frontiers in Environmental Science	13				3.7	10.3389/fenvs.2025.1598908
2059	A.A., Kunte, Aditya Abhijit; S., Khandelwal, Sarthak; S.P., Patil, Sandeep P.	Comprehensive Overview on the Computational, Experimental, Numerical, and Theoretical Assessments of Silica Aerogel Composites	Journal of Composites Science	9	6			3.7	10.3390/jcs9060306
2060	K., Vignesh, Kondusamy; A.A., Napoleon, A. A.; K., Balamurugan, Krishnaswamy; B.C., Muthubharathi, Balasubramanian Chellammal; A.S., Kumar, Annamalai Senthil	In Situ Electrochemical Synthesis of Redox-Active o-Hydroquinone Metabolite of Flufenamic Acid on MWCNT Surface: Lifespan Extension in C. elegans via SOD Pathway	Chemistry - A European Journal					3.7	10.1002/chem.202501944

2061	R., Naveencharan, Rithika; A., Sivakumar, Ashwin; R.S., Kumar, Rishi Senthil; S.C., Pravin, Sheena Christabel; R., Monica P, Reena; V., Kiruthika, V.; A.A., Morde, Abhijeet Ashok; A., Balakrishnan, Arun; M., Padigaru, Muralidhara; N.V., Puranik, Ninad V.	Validation of combination of protodioscin and shatavarin iv from medicinal extracts for alleviating menopausal symptoms by computational deep learning models	Talanta Open					3.7	10.1016/j.talo.2025.100552
2062	S.K., Gupta, Saurabh Kumar; M., Haq, Mahmood; K., Cvetkovic, Konstantin; O.Y., Karpenko, Oleksii Y.	Numerical Far-Field Investigation into Guided Waves Interaction at Weak Interfaces in Hybrid Composites	Journal of Composites Science					3.7	10.3390/jcs9080387
2063	V., Magizhvannan, Vijayavidhya; V., Shanthi, Veerappapillai	Genome-wide analysis of Burkholderia for the management of antimicrobial-resistant in cystic fibrosis patients	AMB Express					3.7	10.1186/s13568-025-01926-1
2064	A., Chakravorty, Arghya; S., Das, Sudip; S., Luktuke, Sahil; A., Appu Mini, Aarcha; V., Raghavan, Vimala	Electrochemical detection of enrofloxacin and ciprofloxacin based on mesoporous La2O2CO3 nanostructures ? an eco-friendly electrode material for sustainability	Talanta Open					3.7	10.1016/j.talo.2025.100546

2065	Deo, L.; Osborne, J.W.; Benjamin, L.K.	Biotranslocation of lead and cadmium in Spinacia oleracea amended with Klebsiella sp. VITLLJ4: an effective microbe technology-based phyto-rhizoremediation study	Frontiers in Environmental Science	13				3.7	10.3389/fenvs.2025.1633959
2066	Sakthivel, T.; Vasudevan, M.; Sasikala, G.; Balaji, B.	Effect of groove angle on creep rupture and damage behaviour of P91 steel weld joint	Journal of Adhesion Science and Technology					3.7	10.1080/01694243.2025.2560609
2067	Roy, S.D.; Khekare, G.; Chhajed, S.; Victor, A.S.	Integrating classification, regression, and time series models to assess biochar safety, optimize pollutant removal, and predict environmental impacts	Frontiers in Soil Science	5				3.7	10.3389/fsoil.2025.1661097
2068	Joseph Gnanaraj, S.; K, K.	Tailored surface energetics and interfacial adhesion in hydrophobic cementitious composites: SHAP-based mechanistic insights into corrosion resistance	Journal of Adhesion Science and Technology					3.7	10.1080/01694243.2025.2563902
2069	Gogulraj, G.; Rajamurugan, G.	A systematic review of AI-assisted residual stress control in WAAM: real-time defect management and industrial implementation	Journal of Adhesion Science and Technology					3.7	10.1080/01694243.2025.2568176
2070	Kanimozhi, K.; A, K.; Sreevardhan, P.	Real-time soil fertility analysis, crop prediction, and insights using machine learning and deep learning algorithms	Frontiers in Soil Science	5				3.7	10.3389/fsoil.2025.1652058

2071	Seguen?, N.; Noor, A.; Ashok, M.; Basu, R.; Farqadain, S.; G?recka, A.; Czuba, Z.; Abdellatieff, H.; Acar?z, U.; Arslan-Acaroz, D.; Tas, N.; Hulaj, B.	Benefits and Challenges of Propolis in Active Packaging: A Review	Packaging Technology and Science					3.7	10.1002/pts.70026
2072	Sarkar G., Prem Anand K., Jayasri M.A., Suthindhiran K.	Process optimization and extraction of alkaline protease from halotolerant Streptomyces sp. VITGS3 and its use as a contact lens cleaner	Journal of Genetic Engineering and Biotechnology	23	1			3.6	10.1016/j.jgeb.2025.100459
2073	Lakshmanan R., Rajaram K.	Experiencing Passive Daytime Radiative Cooling in Commercial Roofs with Ultrahigh-Temperature Reduction Using Micro/Nanoparticles-Distributed Porous Polymeric Structure	Energy Technology					3.6	10.1002/ente.202401869
2074	Manickam G., Mohamed H., Polit O., Goswami S., Chavan A., Naik S.	Dynamics characteristics of variable stiffness curvilinear fiber-reinforced layered composite beam under moving load by sinusoidal shear flexible beam model including nonlinear and thermal effects	Mechanics of Advanced Materials and Structures					3.6	10.1080/15376494.2024.2447074
2075	Elangovan H., Rajamohan V.	Numerical and experimental approach on vibration characterization of non-uniform hybrid sandwich plates	Mechanics of Advanced Materials and Structures					3.6	10.1080/15376494.2024.2449502

2076	Chacko B.; Wuppulluri M.	A comparative study on the structural, chemical, morphological and electrochemical properties of α-MnO2, β-MnO2 and δ-MnO2 as cathode materials in aqueous zinc-ion batteries	Materials for Renewable and Sustainable Energy	14	1			3.6	10.1007/s40243-024-00281-8
2077	Sethuraman R.; Venkataramani K.; Yamuna Devi M.M.; Subbaraj S.	Enhancing autonomous vehicle performance with ensemble weighted support vector-based optimization in cloud	Cluster Computing	28	3			3.6	10.1007/s10586-024-04706-x
2078	Pasupathi S.; Kumar R.; Pavithra L.K.	Proactive DDoS detection: integrating packet marking, traffic analysis, and machine learning for enhanced network security	Cluster Computing	28	3			3.6	10.1007/s10586-024-04849-x
2079	Mandal S.; Rex M C.; Bhattacharya B.; Poddar B.; Chandrsekaran N.; Mukherjee A.	Comprehensive toxicity assessment of selected pharmaceuticals (ciprofloxacin, amoxicillin, and levofloxacin) on freshwater microalgae Scenedesmus obliquus: effect of media composition	Environmental Pollutants and Bioavailability	37	1			3.6	10.1080/26395940.2025.2463538
2080	Kumari M.; Pulimi M.	MnO_2-doped Hydrochar composite for peroxymonosulfate activation for norfloxacin degradation: mechanism and toxicity	Environmental Pollutants and Bioavailability	37	1			3.6	10.1080/26395940.2025.2462089

2081	Krishnamoorthy D.; Singh A.K.	Designing an Exfoliated Hexagonal Boron Nitride Nanosheets Embellished on Spherical ZnS as an Efficient Electrode for Hybrid Supercapacitor Applications	Energy Technology					3.6	10.1002/ente.202401993
2082	Kumar H.; Vijayakumar S.; Shintre N.; Tamhane V.; Deshpande N.; Joshi T.; Mathpal S.; Anbarasu A.; Ramaiah S.	In silico exploration of biosynthetic gene clusters in marine Streptomyces sp. and Nocardiopsis sp. from the western coast of India: Genome-based profiling using whole genome sequencing	Journal of Genetic Engineering and Biotechnology	23	2			3.6	10.1016/j.jgeb.2025.100483
2083	Vishali M.; Muhammed Shafi M.K.	Visualizing socially responsible investment (SRI) trends across Asian countries: a bibliometric and network analysis	Total Quality Management and Business Excellence					3.6	10.1080/14783363.2025.2475895
2084	Saranya S.; Yashly Y.K.; Sibiya R.G.S.; Buvaneswari G.; Senthil Kumar A.	Ultrasensitive detection of carcinogenic chromium(vi) species below the WHO limit using a LaCeO3/carbon black screen printed electrode in batch injection analysis	Analyst					3.6	10.1039/d5an00038f
2085	Das S.; Mukherjee A.	UV-A pre-irradiation and shear stress enhanced microplastic fibre release from disposable surgical facemasks and its toxicity towards freshwater microalgae Scenedesmus obliquus	Environmental Pollutants and Bioavailability	37	1			3.6	10.1080/26395940.2025.2475954

2086	Selvaraj P.; Vemuluri R.B.	Numerical and experimental investigation on the dynamic behaviour of aluminium graphene-magnetorheological elastomer sandwich plates	Mechanics of Advanced Materials and Structures					3.6	10.1080/15376494.2025.2480688
2087	Jagan P.; Visuvasam J.A.	Assessment of dynamic soil-structure interaction effects on floating column structures with reinforced geotechnical isolation and shear wall system	Mechanics of Advanced Materials and Structures					3.6	10.1080/15376494.2025.2485443
2088	Sethuraman R.; Kavitha D.; Pranav K.R.N.; Devi M.M.Y.; Arunadevi M.	IT2FLS-RSA: A Novel Approach for QoS-Driven Routing and Security Enhancement in Wireless Sensor Networks	International Journal of Fuzzy Systems					3.6	10.1007/s40815-025-01980-8
2089	Rengerla A.; Angamuthu P.	Evolving dynamics of municipal solid waste management in India: a comprehensive review of status, challenges, opportunities and policy innovations	Waste Disposal and Sustainable Energy					3.6	10.1007/s42768-024-00220-3
2090	Sudarshan B.S.; Arunkumar G.; Sridhar G.; Mittal K.	Single-Input Multi-Isolated-Output SEPIC-Ćuk Converter for E-Bike Charging: Modeling, Design, and Prototype Implementation	Energy Storage	7	4			3.6	10.1002/est2.70176

2091	Venkatesh R.J.; Karpe S.R.; Kokare B.; Pradeep K.V.	Sand Cat Swarm Optimization and Attention-Based Graph Convolutional Neural Network for Energy Management Analysis of Grid-Connected Hybrid Wind-Microturbine-Photovoltaic-Electric Vehicle Systems	Energy Storage	7	4			3.6	10.1002/est2.70187
2092	Mohapatra S.; Sarangi P.; Mohapatra P.	A novel reward-based golden jackal optimization algorithm uses mix-weighted dynamic and random opposition learning to solve optimization problems	Cluster Computing	28	5			3.6	10.1007/s10586-024-04978-3
2093	Sowmya G.; Polisetty A.; Chakraborty D.; Aw E.C.-X.	Swipe right for baby care: longitudinal insights of prenatal care app adoption	Marketing Intelligence and Planning					3.6	10.1108/MIP-09-2024-0695
2094	Manickam G.; Polit O.; Naik S.; Ganapathi D.P.	Flexural free vibration behaviors of bimodular composite laminates with variable angle tow-steered fiber-reinforced layers	Mechanics of Advanced Materials and Structures					3.6	10.1080/15376494.2025.2505158
2095	Jenani R.; Ponnusami A.B.	Investigating the sulfonated ZnO-PVA membrane for improved MFC performance	Reviews on Advanced Materials Science	64	1			3.6	10.1515/rams-2025-0106
2096	Anita N.; Vijayalakshmi M.; Shalini S.M.; Lakshmi K.D.	Blockchain consensus algorithms and platforms: a survey	Journal of Management Analytics					3.6	10.1080/23270012.2025.2465253

2097	A., Dawn, Abhishika; G., Alan, G.	Scapegoats of the justice system: problematizing necropolitics and state violence of Black disability in select American films	Humanities and Social Sciences Communications	12	1			3.6	10.1057/s41599-025-05268-y
2098	R., Velu, Roopalakshmi; V., Rajasekaran, V.	Behind the Mask: A graphical autobiography of life and labor in the oil sands	Humanities and Social Sciences Communications	12	1			3.6	10.1057/s41599-025-05288-8
2099	A., Saranya Jayaprakash, A.; M., Senguttuvan, M.	The Devakkoothu tapestry: exploring the variances and parallels in Chayilyam and Apsara folklore	Humanities and Social Sciences Communications	12	1			3.6	10.1057/s41599-025-05297-7
2100	R., Biju Babjan, Rohan; S., Kishore, Sushant	Promises and perils of robot-mediated elder care: human-robot relationship in Android Kunjappan Version 5.25 (2019) and Anukul (2017)-SDG -3	Humanities and Social Sciences Communications	12	1			3.6	10.1057/s41599-025-05432-4
2101	F., Britto-Bisso, Frank; R., Aguilar, Rodrigo; D.N., Shree, Durga N.; Y., Zhu, Yinan; M., Espinoza, Mijael; B., Diaz, Benjamin; C.E., Cuba Samaniego, Christian E.	Pattern recognition in living cells through the lens of machine learning	Open Biology	15	7			3.6	10.1098/rsob.240377
2102	S., Sivanandham, Sangavi; D., Gunaseelan, Dharanibai	Enhanced YOLOv5s Model for Improved Multi-Sized Object Detection in Road Scenes	IEEE Access	13		110110	1E+05	3.6	10.1109/ACCESS.2025.3582136

2103	T., Saranya, T.; S., Indra Priyadharshini, S.	A Dual-Strategy Framework for Cyber Threat Detection in Imbalanced, High-Dimensional Data Across Heterogeneous Networks	IEEE Access	13		125313	1E+05	3.6	10.1109/ACCESS.2025.3582788
2104	J., Dheeba, J.; V., Oberoi, Vansh; R.R., Singh, R. Raja; V.G., Karthik, V. Gautam	Securing Electrical Drive Systems Against Man-in-the-Middle Attacks Using S-Box Optimized AES Encryption	IEEE Access	13		114716	1E+05	3.6	10.1109/ACCESS.2025.3584926
2105	S., Rajagopal, Sonaa; M., Mani, Muralikrishnan; S., Venkatraman, Shyam; R., Suganya, R.	Personalized Solutions for Foot Health: Machine Learning-Based Foot Condition Detection, Classification, and Recommendation of Customized Footwear	IEEE Access	13		114880	1E+05	3.6	10.1109/ACCESS.2025.3584966
2106	M., Saivineeth, M.; B., Venkateswarlu, B.	A Linear Programming Approach for Battery Impairment Analysis and Optimization in Decentralized Power Systems for Agricultural Operations with Solar Energy Integration	IEEE Access					3.6	10.1109/ACCESS.2025.3586439
2107	S.B., Kasetty, Sai Bhargav; K., Rajakumar, K.	Efficient Satellite Image Retrieval Using Shearlet Transforms and Spiking Neurons-Based Liquid Autoencoder Model	IEEE Access	13		128817	1E+05	3.6	10.1109/ACCESS.2025.3586866

2108	D., Gairola, Divyanshu; P.K., Maurya, Pramod Kumar; A., Chanda, Ankush	Group-Based Ultralightweight Authentication Protocol For Telecare Medical Information Systems	IEEE Access					3.6	10.1109/ACCESS.2025.3586952
2109	M., Mubashir Unnissa, M.; D.K., Priya, D. Kalpana; P., Jalapathy, P.	Optimal Pricing and Extended Warranty Strategies for Maximizing Profit in (Re)manufacturing with Customer Returns and Production Recovery	IEEE Access					3.6	10.1109/ACCESS.2025.3587544
2110	R., Tejaswini, Rajamahanthi; P., Abinaya, P.; S.S., Anuprabha, S. S.; S.K., Chidambaram, Saranya Karattupalayam; S., Arya, Sudhanshu; Y.K., Choukiker, Yogesh Kumar; A., Bhowmick, Abhijit	Anomaly Detection in IoT Networks: A Deep Learning Approach Using Autoencoders	IEEE Access					3.6	10.1109/ACCESS.2025.3587727
2111	R., Deepa, R.; V.P., Harigovindan, V. P.; V., Goutham, Veerapu; S., Kalathil, Shaeen	Enhanced SWIPT with Cooperative Relaying for Energy Efficient and Reliable NOMA based Underwater Acoustic Sensor Networks	IEEE Access					3.6	10.1109/ACCESS.2025.3588063
2112	S., Raman, Srinivasan; R.S., Arunagirinathan, Ravi Sankar	Carbon Black-coated Fabric blend as Piezoresistive Flexible Pressure Sensor for Motion Monitoring Applications	IEEE Access	13		124234	1E+05	3.6	10.1109/ACCESS.2025.3588328

2113	G., Nithyavani, G.; G., Naga Raja, G.	A Comprehensive Survey on Security and Privacy Challenges in Internet of Medical Things Applications: Deep Learning and Machine Learning Solutions, Obstacles, and Future Directions	IEEE Access					3.6	10.1109/ACCESS.2025.3588489
2114	T., Thota, Tejaswini; A.B., Kurumthottam, Aleena Bosco; S.R., Kumar, Suvidha Rupesh; J., Mishra, Jyotismita	An Enhanced Time Series based Solar Power Forecast for Microgrid System	IEEE Access					3.6	10.1109/ACCESS.2025.3588666
2115	K., Kavin Akash, K.; U., Kuppusamy, Uma	Drone Detection Using YOLOv5 with GhostNet Backbone and Adaptive Fourier Neural Operator (AFNO 2D)	IEEE Access	13		126874	1E+05	3.6	10.1109/ACCESS.2025.3589102
2116	P., Anandha Prakash, P.; R., Radha, R.	Advancements in AI-Powered Electric Vehicle Routing: Multi-Constraint Optimization and Infrastructure Integration Approaches for Evolving EVs-A Survey	IEEE Access	13		127941	1E+05	3.6	10.1109/ACCESS.2025.3589363
2117	M., Rizvana, M.; S., Narayanan, Sathiya	Enhanced Transformer Network with High Dimensional Attention Mechanism for Diabetic Retinopathy Classification	IEEE Access	13		126307	1E+05	3.6	10.1109/ACCESS.2025.3589449

2118	P., Srikanth, Pulipaka; G., Arunkumar, G.	Analysis, Design, and Hardware Implementation of Phase shifted Isolated DC-DC Converter for Low Voltage Electric Vehicle Battery Charging Applications	IEEE Access	13		127580	1E+05	3.6	10.1109/ACCESS.2025.3590029
2119	M.K., Das, Manas Kamal; C., Christopher Columbus, C.; E., Elakiya, E.	A Temporal Attention-Based SARIMA﷿BiLSTM Residual Learning Model Tuned by Grey Wolf Optimizer for Parallel Urban Traffic Forecasting	IEEE Access					3.6	10.1109/ACCESS.2025.3590104
2120	K., Aswini, Kasireddy; K., Arya, Kriti	Optimizing Heart Disease Prediction: A Comparative Analysis of Tree-Based Ensembles with Feature Expansion and Selection	IEEE Access	13		126935	1E+05	3.6	10.1109/ACCESS.2025.3590492
2121	A., Ebrahim, Ayaan; P., Dey, Parry; J., Samuel, Jastin; W., Jabez Osborne, W.	Review on the robustness of technologies and strategies in removal of hexavalent chromium: a biological perspective	BioMetals					3.6	10.1007/s10534-025-00704-7
2122	P., Patro, Peetabas; T.K., Das, Tapan Kumar	Artificial Intelligence in Action (2019-2024): A Review on Parkinson﷿s Disease Detection Using Non-Invasive Procedures	IEEE Access	13		116586	1E+05	3.6	10.1109/ACCESS.2025.3583572
2123	B., Silpa, Bommala; M.K., Hota, Malaya Kumar	African vultures optimization algorithm based enhanced VMD with CWT and k-medoids for removal of ocular artifacts from EEG signals	Applied Acoustics					3.6	10.1016/j.apacoust.2025.110970

2124	N., Tatipatri, Naveen; S.L., Arun, S. L.	Performance Analysis of Non-Pairing Hierarchical Identity-Based Encryption in Active Distribution System	IEEE Access					3.6	10.1109/ACCESS.2025.3588106
2125	V.V., Kumar, Vivek Vignesh; P., Prabhakaran, Prajof; D.D., Reddy, Dastagiri Deepak; D.J., Febin, Daya J.L.	An Integrated Onboard EV Charger With Wide Voltage Range Compatibility	IEEE Access					3.6	10.1109/ACCESS.2025.3590958
2126	M.E., Ram, Mikhail E.; G., Manju, G.	VIOLET: Vectorized Invariance Optimization for Language Embeddings Using Twins	IEEE Access					3.6	10.1109/ACCESS.2025.3590971
2127	N., Ramesh Babu, N.; null	MFENet: A Multi-Feature Extraction Network for Enhanced Emotion Detection Using EEG and STFT	IEEE Access					3.6	10.1109/ACCESS.2025.3591202
2128	A., Jain, Aditi; Shivam; S.A., Beulah, S. Angelin; M., Sivagami, Manickam	UResNet-Based Enhancement of Underwater Images through Variational Contrast and Saturation	IEEE Access					3.6	10.1109/ACCESS.2025.3591362
2129	N.S., Manikandan, N. S.; G., Kaliyaperumal, Ganesan	Pedi-Medi-Instructor: Pediatric Medicine Information and Instruction System	IEEE Access					3.6	10.1109/ACCESS.2025.3591803
2130	D., Jeya Mala, D.; null; null; R., Sinha, Roopak	Visualizing UNet Decisions: An Explainable AI Perspective for Brain MRI Segmentation	IEEE Access					3.6	10.1109/ACCESS.2025.3592239
2131	I., Ghatuari, Itishree; S.S., Kumar, Senthil S.	A Coordinated Control Strategy of Electric Vehicles for Frequency Control in Modern Power Grids	IEEE Access					3.6	10.1109/ACCESS.2025.3593636

2132	P., Meena, P.; K.P.R., Prabha, K. P.Rama	Leveraging the Power of Zero-Shot Learning for Malware Detection Using Application Programming Interface Call Sequences	IEEE Access					3.6	10.1109/ACCESS.2025.3594087
2133	I., Agarwal, Ishita; V.P., Sakthivel, V. Prithika; P., Prakash, P.	Toward Inclusive Healthcare: An LLM-Based Multimodal Chatbot for Preliminary Diagnosis	IEEE Access					3.6	10.1109/ACCESS.2025.3594218
2134	P., Jaraut, Praveen; M., Helaoui, Mohamed; M., Rawat, Meenakshi; W., Chen, Wenhua; F.M., Ghannouchi, Fadhel M.	Low Complexity Concurrent Multi-Band Modeling and Digital Predistortion for Harmonically Driven Wireless Amplifiers	IEEE Access					3.6	10.1109/ACCESS.2025.3594685
2135	M., Renganathan, Manimaran; P.T., Krishnan, Palani Thanaraj; C.C., Columbus, C. Christopher; T.S., Kumar, T. Sunil	Accurate and Efficient Fluid Flow Regime Classification Using Localized Texture Descriptors and Machine Learning	IEEE Access					3.6	10.1109/ACCESS.2025.3594850
2136	M.V., Athul, M. V.; C., Umayal, Chandrahasan	Innovative Charging Solution Using a Three-Winding Transformer at the Battery Swapping Station	IEEE Access					3.6	10.1109/ACCESS.2025.3595164
2137	R., Kothai, R.; P., Natarajan, Prabakaran	Self Attention GAN and SWIN Transformer-Based Pothole Detection With Trust Region-Based LSM and Hough Line Transform for 2D to 3D Conversion	IEEE Access					3.6	10.1109/ACCESS.2025.3595190

2138	B.C., Sahoo, Bikash Chandra; S., Mishra, Shruti; S.K., Satapathy, Sandeep Kumar; S., Kumar, Sachin	Robust Seizure Prediction Model Using EEG Signal for Temporal Lobe Epilepsy Leveraging Deep Learning and Continual Learning	IEEE Access					3.6	10.1109/ACCESS.2025.3595578
2139	V., Srimathi, V.; D., Vijayakumar, D.	Design and Implementation of Power Management System in Multi-String Solar-Interfaced DC Microgrid With Energy Storage System	IEEE Access					3.6	10.1109/ACCESS.2025.3595594
2140	M., Kumar, Malay; S., Sarvajit Visagan, S.; T.S., Mahajan, Tanish Sarang; A., Natarajan, Anisha; P.S., Sreeja, P. S.	Enhanced Sign Language Translation between American Sign Language and Indian Sign Language Using LLMs	IEEE Access					3.6	10.1109/ACCESS.2025.3595943
2141	M., Sunil, Meghana; V., Shravya, V.; S., Nachiyappan, S.	Self-Attentive Quantile GAN With Causally Grounded Machine Learning for Vocal Biomarker Discovery in Parkinson?s Disease Detection	IEEE Access					3.6	10.1109/ACCESS.2025.3596114
2142	G., Sukanya, G.; J., Priyadarshini, J.	Enhanced Hybrid Deep Learning Model With Improved Self-Attention Mechanism for Legal Judgment Prediction	IEEE Access					3.6	10.1109/ACCESS.2025.3596180
2143	A., Kumar, Aman; I., Singh, Indrasen; D.K., Choudhary, Dilip Kumar	Spectrum Sensing Using Fast Slepian Transform for Cognitive Radio Networks	IEEE Access					3.6	10.1109/ACCESS.2025.3596336

2144	M., Lefoane, Moemedi; I., Ghafir, Ibrahim; S., Kabir, Sohag; I.U., Awan, Irfan Ullah; K.M., El-Hindi, Khalil M.; A., Mahendran, Anand	Non-Negative Matrix Factorization and Latent Semantic Analysis for Hybrid Feature Selection: A Proposed Machine Learning System for the Detection of Malicious Executable Files	IEEE Access					3.6	10.1109/ACCESS.2025.3596483
2145	H., K, Hemalatha; P.R.V., Vardhan, P. R.Vishnu; A.D., Aravindraj, Alfred Dharmaraj; S.H.H., Sudhan, S. Hari Hara	Masked and Noise-Masked Multimodal Brain Tumor Image Segmentation Using SegFormer and Shared Encoder Framework	IEEE Access					3.6	10.1109/ACCESS.2025.3596643
2146	B., Sasirekha, B.; G., Chellamuthu, Gunavathi	FedXHDP: A Federated XGBoost Framework With Hierarchical Differential Privacy for Horizontally Partitioned Data	IEEE Access					3.6	10.1109/ACCESS.2025.3596974
2147	S., Vimala Gayathri, S.; D., Subbulekshmi, D.	Fabrication and Characterization of Physical Vapour Deposition Derived Amorphous CoFeNi Thin Film for Magnetic Sensing Applications	IEEE Access					3.6	10.1109/ACCESS.2025.3597353
2148	K., Shyamala, K.; T.M., Navamani, T. M.	Design of an Optimized Feature Driven Severity Stage Classifier for Parkinson?s Disease Prediction using Deep Learning	IEEE Access					3.6	10.1109/ACCESS.2025.3597851
2149	R., Pabbati, Rithvik; B.S.S., Reddy, Bijjula Sai Srujan; K., Karthik, K.	Automated Cricket Analytics for Player Classification and Commentary Generation	IEEE Access					3.6	10.1109/ACCESS.2025.3598037

2150	M., Salman, Mohammed; S.K., Mohanty, Sanjay Kumar	Data-Driven Neural Differential Equation Model and Stochastic Dynamics for Glioma Prediction	IEEE Access					3.6	10.1109/ACCESS.2025.3598932
2151	M., Sudhakar, M.; S.P., Ramu, Swarna Priya	A Dynamic Attention-guided Deep Learning Framework (D-PAN) with reduced complexity for fine grained Severity-Aware Classification of Micronutrient Deficiency and Disease detection in Banana and Coffee Leaves	IEEE Access					3.6	10.1109/ACCESS.2025.3599359
2152	K., Rajesh, Kirtan; S.R., Kumar, Suvidha Rupesh	Deep Reinforcement Learning for Urban Air Quality Management: Multi-Objective Optimization of Pollution Mitigation Booth Placement in Metropolitan Environments	IEEE Access					3.6	10.1109/ACCESS.2025.3599541
2153	D., Tikariha, Devansh; A., Moomin, Abdul; D., Jeyamani, D.; R., Panjanathan, Rukmani	Osteoarthritis Classification Using Hybrid Quantum Convolutional Neural Network	IEEE Access					3.6	10.1109/ACCESS.2025.3599679
2154	K.M., Sanjeeva Kumar, K. M.; S., Das, Satyajit	Resilient Control Strategy for a Grid Interactive PV-UAPC System Under Non Sinusoidal Grid and Load Disturbances	IEEE Access					3.6	10.1109/ACCESS.2025.3599734

2155	N., Dekate, Nirant; A., Anubhab, Aklesh; S., Menon, Siddarth; S., Arya, Sudhanshu; A., Bhowmick, Abhijit; Y.K., Choukiker, Yogesh Kumar; S.K., Chidambaram, Saranya Karattupalayam	Intelligent Handover Management in Ultra-Dense 5G Networks: A Deep Q-Learning based Prediction Model	IEEE Access					3.6	10.1109/ACCESS.2025.3600330
2156	N.R., Sri, Nalluri Ramya; P.P., Kumar, Praveen P.	An Extended Voltage Gain Three-Level DC/DC Bidirectional Converter in an Electric Vehicle Traction System	IEEE Access					3.6	10.1109/ACCESS.2025.3600441
2157	N., Sradha, N.; G., Sruthi, G.; J., Florence Gnana Poovathy, John	Estimation of essential battery state parameters for battery management systems (BMS) in Electric Vehicles using long short term memory (LSTM) and time series analysis combined with Extended Kalman Filter	IEEE Access					3.6	10.1109/ACCESS.2025.3600442
2158	P.K., Singh, Pratyush Kumar; A., Chowdhury, Abishi; A., Pal, Amrit	Distributed anomaly detection using federated learning	IEEE Access					3.6	10.1109/ACCESS.2025.3600450
2159	S., Sanjeeva Reddy, S.; G., Ramachandra Reddy, G.	Processing of MST Radar Data using the Covariance Fitting Algorithm	IEEE Access					3.6	10.1109/ACCESS.2025.3601379

2160	H.A., Bagabir, Hala Abubaker; S.M., Yousof, Shimaa Mohammad; L.A., Kaddam, Lamis Abdelgadir; M.A., Zayed, Mohamed A.; S.A., Bagabir, Sali Abubaker; S., Haque, Shafiul; F., Ahmad, Faraz; S., Khatoon, Sabiha	Integrating RNA-seq and machine learning to identify novel biotargets and high-affinity ligands for cardiovascular disease management	Journal of King Saud University - Science					3.6	10.25259/JKSUS_358_2024
2161	G., Yenduri, Gokul; R., Murugan, Ramalingam; P.K.R., Maddikunta, Praveen Kumar Reddy; S., Bhattacharya, Sweta; D., Sudheer, Devulapalli; B., Bhushan Savarala, Bharath	Artificial General Intelligence: Advancements, Challenges, and Future Directions in AGI Research	IEEE Access					3.6	10.1109/ACCESS.2025.3592708
2162	J.J., Lakshmi, Jhansi J.; S.V.S., Krishna, Sai V.S.; B.B., Kumar, Bharath B.; D.S.M., Rao, D. S.Naga Malleswara; A., Hosseinpour, Alireza; N.C., Lenin, N. C.	Improving Software Fault Prediction With a Hybrid DE-WOA Optimizer and ANFIS-Enhanced Ensemble Learning	IEEE Access					3.6	10.1109/ACCESS.2025.3603980

2163	D., Gomathi, D.; S., Harshavarthini, Shanmugam	Reinforcement learning based fault-alarmed hybrid control design for nonlinear cyber-physical systems via negative determination lemma	IEEE Access					3.6	10.1109/ACCESS.2025.3610459
2164	R., Kirthiga, R.; S.S., Elavenil, S. S.	Structural Performance of Flexural and Shear-Deficient Pre-cracked Reinforced Concrete Beams Retrofitted with Knitted Glass Fabric-Reinforced Cementitious Matrix	International Journal of Concrete Structures and Materials					3.6	10.1186/s40069-025-00816-x
2165	S., Vidyanathan Dixith, Sindhu; S.S., Jadhav, Shrikant S.; Y., Kim, Youngsoo; N., Jayakumar, Naveenkumar	Deep Learning-Based Drowsiness Detection System for Driver?s Safety	IEEE Access					3.6	10.1109/ACCESS.2025.3604728
2166	R., Nandhini, R.; R., Radha, R.	Neuro-Fuzzy ARX Approach for Dynamic RAW Duration Adaptation in Event Triggered Large Scale IEEE 802.11ah Networks	IEEE Access					3.6	10.1109/ACCESS.2025.3610136
2167	N.S., Kathayat, Neeraj Singh; A., Pravin Renold, A.	Hybrid Deep Learning Model for Scalogram-Based ECG Classification of Cardiovascular Diseases	IEEE Access					3.6	10.1109/ACCESS.2025.3605279
2168	D.J., Mala, D. Jeya; A.K., Rastogi, Achintya Kant; A., Raj, Ayush; V., Manori, Vaidik	Hybrid KEM-QKD Integration With Parameter Optimization for Secure Underwater Networks via NetSquid Simulations	IEEE Access					3.6	10.1109/ACCESS.2025.3607474

2169	G.S., Pisharady, Gauri Santosh; K., Shireesha, Kuppam; P.S., Gowthami, Peddamallu Sai; X., Anita, X.	Incremental Learning Frameworks for Dynamic Heart Sound Classification	IEEE Access					3.6	10.1109/ACCESS.2025.3606999
2170	N., Rajganesh, Nagarajan; V., Palanichamy, Vinothiyalakshmi; R., Thirunavukarasu, Ramkumar; A.P., J., Arun Pandian	A Trusted Multi-Cloud Brokerage System for Validating Cloud Services Using Ranking Heuristics	Future Internet					3.6	10.3390/fi17080348
2171	R., Nivetha, R.; K.C., Sriharipriya, K. C.; B., Balusamy, Balamurugan	Self-Supervised Learning Graphical Neural Network Driven Prediction Model for Path-Planning and Navigation in Smart Sustainable Agriculture	IEEE Access					3.6	10.1109/ACCESS.2025.3602476
2172	S., Sivasankar, S.; S., Markkandan, S.	Fast and Scalable Intelligent Reflecting Surface Beamforming Using Hybrid Learning Approaches	IEEE Access					3.6	10.1109/ACCESS.2025.3603206
2173	N.S., Lakshmi Priyaa, N. S.; A., Balasubramanian, Aparna; G., Tejeswar, G.; R., Vidhyashankar, R.; S., Mohana Sundari, S.; C., Roy, Chandramauleshwar	Real-Time CAN Bus Joystick Interface with TMS320 32-Bit Microcontroller for Defence Applications	IEEE Access					3.6	10.1109/ACCESS.2025.3611988

2174	N.T., Kannadasan, Nivetha Thirumalairaj; A., Polisetty, Aruna	A Fuzzy Framework for Managing Supply Chain Disruptions and Uncertainties via Aperiodic Time-Dependent Nonfragile Sampled-Data Control with Communication Delays	IEEE Access					3.6	10.1109/ACCESS.2025.3611496
2175	A., Batra, Armaan; P., Chatterjee, Pratyush; J., Chaki, Jyotismita	Federated Learning With AutoAlbum for Kidney Disease Detection: A Privacy-Preserving Approach to Medical Image Analysis	IEEE Access					3.6	10.1109/ACCESS.2025.3602224
2176	Z.M., Dar, Zaffar Mehdi; C., Muthusamy, C.	A Time-fractional Fischer-Kolmogorov Model for Protein Misfolding in Neuro-degenerative Disorders: A Virtual Element Study	IEEE Access					3.6	10.1109/ACCESS.2025.3610474
2177	S.S., Panicker, Suja Sreejith; P., Gayathri, P.	A Comprehensive Face Parsing Framework for Anxiety Detection using Deep Learning	IEEE Access					3.6	10.1109/ACCESS.2025.3612325
2178	M., Neelavathy, M.; Y.K., Choukiker, Yogesh Kumar	Dual-Band Second-Order Frequency Selective Surface With Sharp Roll-Off Using Aperture-Coupled Techniques	IEEE Access					3.6	10.1109/ACCESS.2025.3606634
2179	T., Paulraj, T.; Y.P., Obulesu, Yeddula Peda	Comprehensive Performance Evaluation of 60 kW PMSM, EESM, and SynRM for Electric Vehicle Traction Under Steady-State and Drive Cycle Conditions	IEEE Access					3.6	10.1109/ACCESS.2025.3606372
2180	R., Yaswanth, Raparthi; M.R., Babu, M. Rajasekhara	CASCAFE Approach With Real-Time Data in Vehicle Maintenance	IEEE Access					3.6	10.1109/ACCESS.2025.3602820

2181	K., Velu, K.; N., Jaisankar, Natarajan	Design of a CNN?Swin Transformer Model for Alzheimer's Disease Prediction Using MRI Images	IEEE Access					3.6	10.1109/ACCESS.2025.3602316
2182	K., Sruthi, K.; S.L., Manju, Sreedharan L.	Development of 1,2,3-Triazoles as Dual Enzyme Inhibitors Targeting ?-Amylase and ?-Glucosidase for Type 2 Diabetes Intervention	Archiv der Pharmazie					3.6	10.1002/ardp.70088
2183	J., Murali, J.; T., Shankar, T.	Improving the Lifetime of UWSN using Hybrid PSO-EULC Algorithm	IEEE Access					3.6	10.1109/ACCESS.2025.3609455
2184	R., Sandhya, R.; A., Chandra, Avinash	A Compact Tree-Shaped Dual-Band Wearable Antenna With Enhanced Far-Field Performance for WBAN Applications	IEEE Access					3.6	10.1109/ACCESS.2025.3604551
2185	J., Jayabalan, Jayapriya; N., Jeyanthi, N.	Blockchain and Chainlink Oracle Integration in EHR: Ensuring Real-Time Data Integrity and Interoperability With Ethereum, Hyperledger Fabric, and IPFS Storage	IEEE Access					3.6	10.1109/ACCESS.2025.3606194
2186	K., Hemalatha, K.; B., Venkateswarlu, B.	Reply to: Letter to the editor of Heliyon re: ?Pythagorean fuzzy transportation problem: New way of ranking for Pythagorean fuzzy sets and mean square approach? Heliyon Volume 9, Issue 10, e20775	Heliyon					3.6	10.1016/j.heliyon.2025.e43471

2187	L., Nikita Chanu, Laishram; S., Balaji, S.	An Extensive Overview and Analysis of Recent Advancements in Multiport Converter Topologies and Control Techniques	IEEE Access					3.6	10.1109/ACCESS.2025.3603687
2188	Kalimuthu, M.; C, C.	A Comparative Analysis of Machine Learning and Deep Learning Approaches for Phonocardiogram Classification Using Dataset Integration	IEEE Access	13		170619	170635	3.6	10.1109/ACCESS.2025.3612392
2189	Husain, E.; Jayaraman, P.	A Hybrid Neuromorphic Framework with Dual-Mode Memory and Adaptive Synaptic Plasticity	IEEE Access					3.6	10.1109/ACCESS.2025.3622352
2190	Munusamy, V.; Senthilkumar, S.	A Lightweight DualStream-BioInceptNet CNN for Real-Time Suspect Identification Using Face and Gait Recognition	IEEE Access	13		177706	177723	3.6	10.1109/ACCESS.2025.3620989
2191	Katyal, V.; Bajaj, V.; Parihar, A.; Singh, I.	AI-Driven Security Evaluation of the ZUC Stream Cipher in 5G Networks	IEEE Access	13		166680	166694	3.6	10.1109/ACCESS.2025.3612453
2192	Suryakumar, P.; Malini, A.; Subasini, S.K.; Priyanka, G.; Sandhiya, V.	AIvaluate: A Multi-Agent Framework for Automated Answer Script Evaluation Using Large Language Models and Semantic Vector Indexing	IEEE Access	13		160549	160558	3.6	10.1109/ACCESS.2025.3608158
2193	Radha, R.; Rithvika, G.; Sidharth, P.J.; Sajidha, S.A.	An Adaptive Multi-Metric Fuzzy Logic-Based Parent Selection Strategy for Scalable RPL Routing in Heterogeneous WSNs	IEEE Access	13		171386	171405	3.6	10.1109/ACCESS.2025.3615956

2194	Hatkar, S.; Rout, K.; Lad, A.; Gnana Swathika, O.V.G.	An Integrated UTM Solution for Modern Cybersecurity: Combining Deep Inspection, ML, and Policy Automation	IEEE Access	13		176010	176023	3.6	10.1109/ACCESS.2025.3618281
2195	Verma, K.; Mittal, D.; Samanta, S.; Gulati, K.; Kulkarni, O.; Dar, M.; Biji, C.L.	Deepfake Audio Detection: A Comparative Study of Advanced Deep Learning Models	IEEE Access	13		168447	168462	3.6	10.1109/ACCESS.2025.3611839
2196	Reddy, G.; Reddy, K.; Ruthvik, S.A.; Narayanan, S.J.; Perumal, B.; Kumar Nayak, G.	DeepSeaVision: Enhanced Detection and Classification of Underwater Species	IEEE Access	13		173347	173367	3.6	10.1109/ACCESS.2025.3618106
2197	Rithi, R.; Nomani, A.; Khan, M.; M, M.	Determinants influencing the flow of FDI in India: an empirical insight using panel data	Humanities and Social Sciences Communications	12	1			3.6	10.1057/s41599-025-05726-7
2198	Nivithaa, S.; Mondal, A.; Tripathy, A.	Early Diagnosis of Lung Cancer Through VOC Detection Using an Affine Deep Learning E-Nose System	IEEE Access					3.6	10.1109/ACCESS.2025.3619104
2199	Shravya, V.; Sunil, M.; Natarajan, B.; Elakkiya, R.	Encouraging Discriminative Attention Through Contrastive Explainability Learning for Lung Cancer Diagnosis	IEEE Access	13		176958	176976	3.6	10.1109/ACCESS.2025.3616056
2200	Shanmugam, L.; Shaji, A.; Abinaya, S.; Sourish, J.S.	Enhanced Gated MLP-Based Lung Disease Classification Using Grey Wolf Optimized (GWO) Multi-Feature Extraction With Cumulative Learning	IEEE Access	13		164442	164463	3.6	10.1109/ACCESS.2025.3611029

2201	Bhaiya, P.; Karampurwala, A.; Tiwari, A.; Rahul Manohar, O.; Sagar, P.; Shah, A.	Flexible Neoprene Rubber-Based Patch Antenna for 5.9 GHz V2X Applications	IEEE Access	13		165683	165694	3.6	10.1109/ACCESS.2025.3611814
2202	Manivannan, A.; Anthoniraj, A.	GeoGuard: A Hybrid Deep Learning Intrusion Detection System with Integrated Geo-Intelligence and Contextual Awareness	IEEE Access					3.6	10.1109/ACCESS.2025.3619557
2203	Baskota, A.; Ghimire, S.; Ghimire, A.; Baskaran, P.	HERBGUARD: AN ENSEMBLE DEEP LEARNING FRAMEWORK WITH EFFICIENTNET AND VISION TRANSFORMERS FOR FINE-GRAINED CLASSIFICATION OF MEDICINAL AND POISONOUS PLANTS	IEEE Access					3.6	10.1109/ACCESS.2025.3622382
2204	Sagadevan, I.; Mandlik, K.; Christy, J.S.; Nersisson, R.	Identification and Classification of Ocular Surface Squamous Neoplasia Using YOLO and Traditional Feature Extraction and Fusion Methods	IEEE Access	13		161893	161908	3.6	10.1109/ACCESS.2025.3609782
2205	Krishna, R.; Choudhary, D.K.	Improved Signal Detection in Bistable Systems Through Stochastic Resonance Across Diverse Noise Environments	IEEE Access	13		170748	170760	3.6	10.1109/ACCESS.2025.3615606
2206	Ranjan, P.; Akshay, V.; Girijesh Kumar, P.R.; Mohan, M.	Improving Weather Predictions Accuracy With a Hybrid LSTM-Transformer Model: A Study on Indian Climate	IEEE Access	13		169014	169025	3.6	10.1109/ACCESS.2025.3614473

2207	Arvind, V.R.; Shrinidhi, R.M.; Deepa, T.; Maheedhar, M.	Intelligent Warehousing: A Machine Learning and IoT Framework for Precision Inventory Optimization	IEEE Access	13		169381	169414	3.6	10.1109/ACCESS.2025.3614679
2208	Chakibanda, V.; Komanapalli, V.L.N.	Investigation on Optimizing Aluminum Shield for Improved Performance in Inductively Coupled Wireless Power Transfer System	IEEE Access					3.6	10.1109/ACCESS.2025.3622977
2209	Dash, J.N.; Xin, C.; Tam, H.-Y.	Large Side Hole Polymer Optical Fiber-Based Surface Plasmon Resonance Sensor	IEEE Access	13		174789	174796	3.6	10.1109/ACCESS.2025.3618406
2210	Majumder, T.; Patra, D.C.; Saha, K.; Debnath, K.; Debbarma, B.	Photoelectrochemical Properties of Nitrogen Doped Graphene Quantum Dots Sensitized Copper Oxide Nanotaper Photoanode	Journal of Cluster Science	36	5			3.6	10.1007/s10876-025-02899-8
2211	Subramanian, N.; Stonier, A.A.	Quantitative Analysis of Reliability and Cost Function of 15-Level Inverter	IEEE Access	13		171889	171901	3.6	10.1109/ACCESS.2025.3616252
2212	Ann Varughese, D.; Sriadibhatla, S.	Resource-Efficient FPGA Implementation of a Two-Layer Perceptron for Real-Time Medical Image Classification Using a Hybrid VGG-Attention Framework	IEEE Access	13		177057	177071	3.6	10.1109/ACCESS.2025.3620617
2213	Mukherjee, A.	RRR and Adipurush: adaptation of Ramayana in Pan-Indian Cinema and circulation of Hindu Nationalism	Humanities and Social Sciences Communications	12	1			3.6	10.1057/s41599-025-05639-5

2214	Iswarya, P.; Manikandan, K.	TransCNN: Deep Hybrid Model for Effective Intermittent Fault Diagnosis in Wireless Sensor Networks	IEEE Access	13		176198	176212	3.6	10.1109/ACCESS.2025.3619433
2215	Lavanya, J.; Aakash, M.; Arunagirinathan, A.	Development of a Highly Stable and Selective Non-Enzymatic Electrochemical Glucose Sensor Using Nitrogen-Doped Graphene Nanoribbons/NiCu-Metal-Organic Frameworks Composite	IEEE Access	13		191485	191500	3.6	10.1109/ACCESS.2025.3628984
2216	Sarveswaran, T.; Vijayarajan, V.	Schizophrenia Segmentation From sMRI Data: A Fusion Approach Using U-Net and Vision Transformer-Based Grad-CAM	IEEE Access	13		184376	184397	3.6	10.1109/ACCESS.2025.3625766
2217	Gupta, D.; Benila, S.	Attention-Guided U-Net With Grad-CAM for Explainable Polyp Segmentation in Colonoscopy Images	IEEE Access	13		185125	185136	3.6	10.1109/ACCESS.2025.3626159
2218	Lazarus, H.P.S.; Easwaran, N.	Unveiling the dual role of Priestia megaterium VIT-2021 membrane vesicles as an antimicrobial and immunomodulator in supporting the growth ofOryza sativa ADT38	Plant Signaling and Behavior	20	1			3.6	10.1080/15592324.2025.2573092
2219	Swetha, B.; Arya, K.	Prediction of the stock market using a hybrid model based on feature expansion and LSTM-based algorithms.	IEEE Access	13		196050	196080	3.6	10.1109/ACCESS.2025.3631096

2220	Biswas, D.; Shenoy, S.V.; Chauhan, A.; Halder, A.; Padhye, A.; Dutta, S.; Auromahima, S.; Bavaskar, H.; Yadav, D.; Ghosh, B.; Sasmal, S.; Kumari, N.; Kumar, T.R.; Mukherjee, A.P.; Srivastava, S.	BrainProt v3.0: An Integrative and Simplified Omics-Based Knowledge-Base About the Human Brain and Its Associated Diseases	Journal of Proteome Research	24	11	5352	5369	3.6	10.1021/acs.jproteome.4c00982
2221	R.K.; S.; Krishnakumar, S.	Investigating Intra-Patient Seizure Heterogeneity via EEG Fingerprinting and Explainable AI	IEEE Access					3.6	10.1109/ACCESS.2025.3636046
2222	Manohari, B.; Thanga Mariappan, L.	Privacy Preserving Approach for Detection of Malicious Files	IEEE Access	13		189895	189902	3.6	10.1109/ACCESS.2025.3629150
2223	Priyadharshni, S.; Ravi, V.	Hybrid Quantum-Convolutional Neural Network With Spatial Attention for Accurate Classification of Maternal-Fetal Planes in Ultrasound Images	IEEE Access	13		188306	188325	3.6	10.1109/ACCESS.2025.3625205
2224	Ra, N.; Bhattacharjee, A.	A Field Validated Modeling and Estimation of Capacity Fade and Its Recovery for Vanadium Redox Flow Battery	IEEE Access	13		183579	183588	3.6	10.1109/ACCESS.2025.3625246
2225	Asiya, S.; Pankaj Nelapati, R.	Design and Analysis of Self Recoverable Triple Node Upset Hardened Latch With Novel Triple Input-Dual Output C-Element for Aerospace Applications	IEEE Access	13		184937	184953	3.6	10.1109/ACCESS.2025.3625286

2226	Sreekanth, R.	Machine Learning Enhanced Lossy Mode Resonance Fiber Optic Sensors With Spectral Feature Engineering For Ethanol Adulteration Detection	IEEE Access	13		196327	196335	3.6	10.1109/ACCESS.2025.3633614
2227	Kesavulu, D.; Kannadasan, R.	Privacy-Preserving Federated Learning for Thyroid Disease Detection: A Comparative Study on Feature Selection and Class Balancing	IEEE Access	13		193838	193862	3.6	10.1109/ACCESS.2025.3627948
2228	Krishna, R.; Palanisamy, G.; Goutham, G.; Nisha, J.S.	An Adaptive Hybrid Framework for Detection of Hidden Periodicity in Synthetic and Biomedical Signals	IEEE Access					3.6	10.1109/ACCESS.2025.3631469
2229	Mishra, A.; Narendra, M.; Sinha, A.; Kumar, A.	Dynamic Backbone Optimization of YOLOv10 for Real-Time Object Detection in UAV-Based Search and Rescue Missions	IEEE Access	13		195975	195986	3.6	10.1109/ACCESS.2025.3633379
2230	Kapoor, R.; Krishnakumar, S.; Damodaran, N.	Multimodal Graph-based Stacked Transformer Network for Brain Tumor Classification, Segmentation and Report Generation	IEEE Access	13		193083	193097	3.6	10.1109/ACCESS.2025.3631733
2231	Haris, R.; Marappan, R.	Bio-Inspired DFU-ThermoNet: A Spiking Transformer-Driven Framework for Early Diagnosis and Risk Prediction of Diabetic Foot Ulcers Using Thermal Imaging	IEEE Access	13		186537	186551	3.6	10.1109/ACCESS.2025.3626845

2232	Jayachandran, S.; Selvakumar, Y.; Pearline, S.A.	Multi-Attention Based Convolutional Neural Network for Tamil Handwritten Character Recognition	IEEE Access	13		184360	184375	3.6	10.1109/ACCESS.2025.3625588
2233	Krishnamoorthy, P.S.; Venugopal, P.	Enhancing Public Transportation Through Advanced Technologies: A Comprehensive Review	IEEE Access	13		185533	185557	3.6	10.1109/ACCESS.2025.3626330
2234	Kumar, A.; Pal, A.	A Survey on Computation Offloading and Current Trends	IEEE Access	13		185318	185356	3.6	10.1109/ACCESS.2025.3625187
2235	Jenila, R.; Naidu, K.J.	A Survey on Learning-based PnR Optimization for VLSI Physical Design Automation	IEEE Access	13		195953	195974	3.6	10.1109/ACCESS.2025.3631956
2236	Vijaya Sambhavi, Y.; Ramachandran, R.	Modified Field-Oriented Control Scheme for a 5-Level Knight Inverter in PMSM-Based Electric Vehicle Applications	IEEE Access	13		199846	199863	3.6	10.1109/ACCESS.2025.3636281
2237	Deepika, D.; Navamani, T.M.	Design of an Explainable Deep Learning Framework for ECG-Based Arrhythmia Prediction	IEEE Access	13		200754	200768	3.6	10.1109/ACCESS.2025.3636481
2238	Paul, A.; Dhanushkodi, K.; Alphonse, S.	The Mental Health Index (MHI): A Personalized Multi-Task Deep Learning Framework for Real-Time and Explainable Mental Well-Being Assessment	IEEE Access	13		203125	203144	3.6	10.1109/ACCESS.2025.3637389

2239	Vijaya Lakshmi, K.; Manimozhi, M.	Real-time HIL Implementation of DDPG based Reinforcement Learning Controller for a DC servo motor with Inertia Disc and Rotary Inverted Pendulum	IEEE Access	13		208397	208413	3.6	10.1109/ACCESS.2025.3638051
2240	Revathy, S.; Padmaja, N.	Design of an Improved Hybrid Controller for Reachable Set Estimation of Multi-Agent Systems	IEEE Access	13		203346	203358	3.6	10.1109/ACCESS.2025.3638374
2241	Richard, B.S.; Jayaraman, B.; Rajalakshmi, R.; Chinnappa, D.	Vivify?Emotion Recognition and Music Recommendation Using Transformers	IEEE Access	13		204894	204907	3.6	10.1109/ACCESS.2025.3638409
2242	Musku, A.; Padala, H.; Paul, S.; Ku Mahapatra, D.	Change Detection in Remote Sensing Optical Images Using a SPSA-Based Improved Random Forest Algorithm	IEEE Access	13		201264	201276	3.6	10.1109/ACCESS.2025.3638638
2243	Shalini, A.; Joshua, C.J.	Learning-Based Uncertainty-Guided Adaptive Image Denoising: A Multi-Scale Patch Selection Framework	IEEE Access	13		207928	207940	3.6	10.1109/ACCESS.2025.3640164
2244	Komathi, D.; Aarthi, G.	FSO Communication System With Energy Harvesting Strategy for Smart City Application: Design and Performance Analysis	IEEE Access	13		207158	207174	3.6	10.1109/ACCESS.2025.3640229
2245	Hallur, A.G.; Settibhaktini, H.; Chintanpalli, A.; Sharma, K.S.; Julius, R.S.	A Deep Neural Network Model for Understanding the Effects of Age and Hearing Loss on Identification of Two Overlapping Vowels	IEEE Access	13		207749	207761	3.6	10.1109/ACCESS.2025.3640391

2246	Pavithran, M.S.; Sreeram, B.; Pillai, A.V.; Jothi, R.	Multi-Scale Weather Forecasting Using Deep Learning Architectures With Chennai Climate Data	IEEE Access	13		207303	207319	3.6	10.1109/ACCESS.2025.3640667
2247	Saranya, M.; Augusta Sophy Beulet, P.; Muthunagai, K.	Digital Architecture for CBNS-Based Complex Number Encoding and Arithmetic	IEEE Access	13		208176	208191	3.6	10.1109/ACCESS.2025.3640701
2248	Blessy, A.; Harshavarthini, S.	Lumped Disturbance Estimation and Tracking Control for Interval Type-2 Fuzzy Switched Systems: A Unified Framework With PMSM Implementation via Negative Determination Lemma	IEEE Access	13		206979	206990	3.6	10.1109/ACCESS.2025.3640841
2249	Srinivasan, R.; Chandana, N.; Harshini, B.; Subha, N.; Arunagirinathan, A.	A highly sensitive and durable flexible pressure sensor with a multilayered fabric structure for IoT-enabled activity tracking	IEEE Access	13	8	215094	215109	3.6	10.1109/ACCESS.2025.3641832
2250	Ramya, J.; Rama Parvathy, L.	Zoono-TransmiRisk: A Framework to Enhance Zoonotic Disease Monitoring with SHAP-Driven Insights	IEEE Access	13		211543	211566	3.6	10.1109/ACCESS.2025.3642467
2251	Ayyappan, K.; P.	Adaptive intermittent control for fixed-time synchronization of spatio-temporal neural networks with memristors	IEEE Access	13		210520	210539	3.6	10.1109/ACCESS.2025.3643188
2252	R.; Rajarajeswari, S.	BIO-CANDi: Coalition and Nested Differentiated Intelligence for Interpretable Multi-Omics Biomarker Discovery	IEEE Access	13		214580	214604	3.6	10.1109/ACCESS.2025.3643193

2253	Babu Sujatha, A.; Kumaravelu, V.B.	Hybrid GOMP?ROMP Algorithm for Sparse Channel Estimation in mmWave MIMO: Enhancing Convergence and Reducing Computational Complexity	Future Internet	17	11			3.6	10.3390/fi17110498
2254	Jerush Imanto, M.; Vedanarayanan, V.; Chatterjee, A.; Joe Dhanith, P.R.	Financial Aspect-Based Sentiment Analysis Using Fusion-Guided Attention LSTM and Graph Convolutional Networks	IEEE Access					3.6	10.1109/ACCESS.2025.3631958
2255	Shekatkar, A.R.; Deodeshmukh, A.; Kandasamy, I.	Refined Neutrosophic Cognitive Maps: A Novel Framework for Modeling Indeterminate Causal Relationships	International Journal of Fuzzy Systems					3.6	10.1007/s40815-025-02190-y
2256	S.; Rahamathunnisa, U.	Advances in Deep Visual Intelligence: A Review of High-Performing Models, Hybrid Architectures, and Regional Perspectives in Medicinal Plant Identification	IEEE Access	13		212015	212034	3.6	10.1109/ACCESS.2025.3642881
2257	Monisha, M.; Gopalakrishnan, M.; Thirumoorthy, T.; Janjaroen, D.; Sunantha, S.	An Overview of Emerging Per and Polyfluoroalkyl Substances; Environmental Occurrence, Health Effects, Treatment Approaches and Sustainable Alternatives	Journal of Vinyl and Additive Technology					3.6	10.1002/vnl.70054
2258	Ghosh, S.; Chakrabarty, R.; Paira, P.	Harnessing photodynamic therapy for programmed cell death: the central role and contributions of metal complexes as next generation photosensitizers	RSC Medicinal Chemistry	16	12	5886	5924	3.6	10.1039/d5md00630a

2259	Bhat I.A., Mishra L.N., Mishra V.N.	Comparative analysis of nonlinear Urysohn functional integral equations via Nyström method	Applied Mathematics and Computation	494				3.5	10.1016/j.amc.2025.129287
2260	Rajendran S., Kaliyaperumal P.	Prescribed-time synchronization of hyperchaotic fuzzy stochastic PMSM model with an application to secure communications	Applied Mathematics and Computation	493				3.5	10.1016/j.amc.2024.129257
2261	Thanikasalam N., Vasudevan M., Ramamoorthy M., Gunasegeran M.	Vibration and uncertainty analysis of MWCNT reinforced composite sandwich beam with a biomimetic dual core	Journal of Sandwich Structures and Materials					3.5	10.1177/10996362241312278
2262	Kumar K.; Jaiswal A.; Koppolu U.M.K.; Kumar K.R.R.	Alkaline stress disrupts growth, biochemistry, and ion homeostasis of chickpea (Cicer arietinum L.) roots	Frontiers in Agronomy	6				3.5	10.3389/fagro.2024.1497054
2263	Bhulakshmi D.; Rajput D.S.	FedDL: personalized federated deep learning for enhanced detection and classification of diabetic retinopathy	PeerJ Computer Science	10				3.5	10.7717/PEERJ-CS.2508
2264	Mohanraj J.; Sahu J.	Numerical prediction of residual stress and distortion for laser powder bed fusion (LPBF) AM process of Ti-6Al-4V	Simulation Modelling Practice and Theory	140				3.5	10.1016/j.simpat.2025.103094
2265	Soniya S.; Sriharipriya K.C.	Edge and texture aware image denoising using median noise residue U-net with hand-crafted features	PeerJ Computer Science	11				3.5	10.7717/PEERJ-CS.2449

2266	Govindasamy G.; Ponnusami A.B.	Development and evaluation of hydrogen peroxide mediated zinc oxide photocatalytic nanoparticles from Peepal (Ficus Religiosa) leaf extract for the treatment of actual tannery wastewater	Environmental Science: Water Research and Technology	11	2	508	523	3.5	10.1039/d4ew00713a
2267	Schlichter Kadosh Y.; Muthuraman S.; Kushmaro A.; Kumar R.S.; Gopas J.	NF-κB Inhibitory Activity of the Di-Hydroxy Derivative of Piperlongumine (PL-18)	Journal of immunology research	2025		9915695		3.5	10.1155/jimr/9915695
2268	Enbanathan S.; Balijapalli U.; Dhanthala Thiyagarajan M.; Manojkumar S.; Manickam S.; Kulathu Iyer S.	A new perspective on the AIE and ACQ of phosphinine-anchored luminescent materials as visual and ratiometric sensors for Ag+ and Hg2+ ion detection in live cells	Sensors and Diagnostics					3.5	10.1039/d4sd00345d
2269	Kumar P.; Saravanan P.; Omer S.N.; Rajeshkannan R.; Kumar S.V.	Enhanced biohydrogen yield through cyanobacterial engineering: a detailed review	Biomass Conversion and Biorefinery					3.5	10.1007/s13399-025-06506-8
2270	Sreelekha U.; Paira P.	2,3-bis((4-(Pyridin-2-yl)-1H-1,2,3-Triazol-1-yl)methyl) Quinoxaline Based Cyclometalated Binuclear Ir (III) Complex for Photodynamic Therapy in Triple Negative Breast Cancer Cell	Chemistry - An Asian Journal					3.5	10.1002/asia.202401047
2271	Samy S.; Alagumuthu M.; Yalamaddi O.D.; Dangate M.S.	New Chlorophenyl Dioxo-Imidazolidines for Bacterial Biofilm	Drug Development Research	86	2			3.5	10.1002/ddr.70054

2272	Ananthi U.; Saral A.M.	Morphology controlled-surfactant free plant-mediated synthesis of BiVO4 and its dye degradation property	Biomass Conversion and Biorefinery					3.5	10.1007/s13399-025-06664-9
2273	Riyamol; Kamaraj V.; Jeevitha G.C.; Mittal A.; Arya R.K.	Jackfruit waste utilization for production of pectin using natural deep eutectic solvents: a comparative study	Biomass Conversion and Biorefinery					3.5	10.1007/s13399-025-06734-y
2274	Nivedya T.; Das R.; Kumar R S.; Shanavas S.; Rangaswamy B.; Aatif A M.; Mukherjee C.; Roy R.; Sengupta J.; Bose B.; Ashok Kumar S.K.; Paira P.	The role of ancillary ligands on benzodipyridophenazine-based Ru(ii)/Ir(iii) complexes in dark and light toxicity against TNBC cells	Dalton Transactions	54	12	4888	4902	3.5	10.1039/d4dt03456b
2275	Gadekallu T.R.; Yenduri G.; Kaluri R.; Rajput D.S.; Lakshmanna K.; Fang K.; Chen J.; Wang W.	The role of GPT in promoting inclusive higher education for people with various learning disabilities: a review	PeerJ Computer Science	11				3.5	10.7717/PEERJ-CS.2400
2276	Rajagopal D.; Subramanian P.K.T.	AI augmented edge and fog computing for Internet of Health Things (IoHT)	PeerJ Computer Science	11				3.5	10.7717/PEERJ-CS.2431
2277	Ali S.; Karaynir A.; Salih Doğan H.; Nachimuthu R.; Badu K.; Bozdoğan B.	Degradation of Preformed Gram-Positive and Gram-Negative Bacterial Biofilms Using Disintegrated and Intact Phages	PHAGE: Therapy, Applications, and Research	6	1	20	31	3.5	10.1089/phage.2024.0029
2278	Joseph D.P.; Perumal V.	Optimizing forensic file classification: enhancing SFCS with βk hyperparameter tuning	PeerJ Computer Science	11				3.5	10.7717/peerj-cs.2608

2279	Sultana S.; Shaik A.H.; Rahaman A.; Rahaman M.; Chandan M.R.	Recent advances in synthesis and processing of nanomaterial-based polymeric foams for EMI shielding applications	Journal of Materials Science	60	10	4519	4558	3.5	10.1007/s10853-025-10704-0
2280	Ramkumar N.; Monash P.	A comprehensive review of advancements in membrane distillation for liquid separation and hazardous contaminant removal: innovations in design, integration, and performance	Environmental Science: Water Research and Technology					3.5	10.1039/d5ew00036j
2281	Al Rawahi A.M.; Zafar M.; Khan T.A.; Al Araimi S.; Mahanty B.; Behera S.K.	Genetic algorithm-optimized artificial neural network for multi-objective optimization of biomass and exopolysaccharide production by Haloferax mediterranei	Bioprocess and Biosystems Engineering	48	5	785	798	3.5	10.1007/s00449-025-03143-3
2282	Andal K.P.; Kumar A.S.	In Situ Electrochemical Reduction of Imidacloprid involving a Nitroso-Intermediate-Trapped DWCNT and Its Biomimetic Cellular Oxidative Stress-Related Mediated Oxidation of Thiols	Chemistry - An Asian Journal					3.5	10.1002/asia.202401779
2283	Chithanuru V.; Ramaiah M.	Proactive detection of anomalous behavior in Ethereum accounts using XAI-enabled ensemble stacking with Bayesian optimization	PeerJ Computer Science	11				3.5	10.7717/PEERJ-CS.2630

2284	Sultana S.; Rahaman M.; Hassan A.; Parvez M.A.; Chandan M.R.	Biomass-Based Sustainable Graphene for Advanced Electronic Technology: A Review	Chemistry - An Asian Journal					3.5	10.1002/asia.202500128
2285	Sivaraj N.; Dohi T.; Singh F.V.	Advances in Metal-Free Transamidation: A Sustainable Approach to Amide Bond Formation	Chemistry - An Asian Journal					3.5	10.1002/asia.202500327
2286	Sreelekha U.; Chakrabarty R.; Paira P.	Exploring the synthesis of Ru(ii)/Ir(iii)/Re(i)/Rh(iii)-based complexes as anticancer metallopharmaceuticals: significance, challenges and future perspective	Dalton Transactions	54	19	7602	7610	3.5	10.1039/d5dt00610d
2287	Jagan M.; Dhanasekaran A.; Pragalathan S.; Velmurugan V.; Vijayachamundeeswari S.P.	Electrospun poly(acrylonitrile)/lithium perchlorate-grafted MXene composite nanofibrous membrane as polymer electrolyte for energy storage applications	Journal of Materials Science					3.5	10.1007/s10853-025-11055-6
2288	Teja M.D.; Rayalu G.M.	Hybrid time series and machine learning models for forecasting cardiovascular mortality in India: an age specific analysis	BMC Public Health	25	1			3.5	10.1186/s12889-025-23318-7
2289	Tamilarasi W.; Balamurugan B.J.	Reverse Sum Revan Degree-Based Topological Indices for Analysing Dendrimer Structures	Chemical Methodologies	9	8	675	690	3.5	10.48309/chemm.2025.504927.1894

2290	Ravula V.; Ramaiah M.	Enhancing phishing detection with dynamic optimization and character-level deep learning in cloud environments	PeerJ Computer Science	11				3.5	10.7717/peerj-cs.2640
2291	S., Kannampuzha, Sandra; A.V., Gopalakrishnan, Abilash Valsala	Protective role of ursolic acid against cisplatin-induced oxidative stress and ferroptosis in the liver of Swiss albino mice	Medical Oncology	42	8			3.5	10.1007/s12032-025-02854-7
2292	M., Murtaza Tantry, Muhammad; P., Naveen, Padigepati	Thomson and Troian slip condition for radiating second-grade nanofluid flow with shape effects of gold nanoparticles	Numerical Heat Transfer; Part A: Applications					3.5	10.1080/10407782.2025.2527403
2293	D., Szpica, Dariusz; J., Hunicz, Jacek; A., Borawski, Andrzej; G., Mieczkowski, Grzegorz; P., Wos, Pawel; A., Bragadeshwaran, Ashok	Identification of the Parameters of the Szpica&#65533;Warakomski Method&#65533;s Rectilinear Trend Complementary to the Gaussian Characteristic Area Method in the Functional Evaluation of Gas Injectors	Sensors	25	13			3.5	10.3390/s25134020
2294	P., Vinoth Kumar, Periasamy; G., Madhumitha, Gunabalan	Solvent-free microwave synthesis of 1-phenyl-1H-tetrazoles using NiTiO3/MK10 catalyst	Research on Chemical Intermediates					3.5	10.1007/s11164-025-05687-1
2295	R.K., B, Rushi Kumar; G., Govindasamy, Gomathy; S., Nagarathnam, Sunitha; K.K., Viswanathan, K. K.	Unsteady thin film flow and heat transfer in Fe3O4 nanofluid over an inclined stretching sheet in a porous medium	Numerical Heat Transfer; Part A: Applications					3.5	10.1080/10407782.2025.2544909

2296	A.N., Akbar, Amzath Nazeer; S., Pandey, Somnath; P., Viswanathan, P.	The role of E3 ligases and deubiquitinases in PD-L1 regulation and the tumor microenvironment in renal cell carcinoma	Medical Oncology					3.5	10.1007/s12032-025-02878-z
2297	D.M., Mathew, Deepthi Maria; A.V., Gopalakrishnan, Abilash Valsala	Targeting Nrf2 in acute myeloid leukemia: an updated review on its role in chemoresistance and emerging therapeutic strategies	Medical Oncology					3.5	10.1007/s12032-025-03012-9
2298	Arumugam, K.V.; Shanmugam, V.K.	Improved biodegradation of 17?-estradiol by indigenous microorganisms and assessment of its ecotoxicity	Microbial Pathogenesis	209				3.5	10.1016/j.micpath.2025.108063
2299	Paul, S.S.; Dey, A.; Baro, D.; Jerome, J.; Paul, J.; Punia, B.S.	Rumen Microbiota in Cattle and Buffaloes: Insights into Host-Specific Bacterial Diversity	Biology	14	9			3.5	10.3390/biology14091166
2300	Mondal, H.; Thomas, J.	Treatment of Aeromonas hydrophila and Vibrio parahaemolyticus infections in Macrobrachium rosenbergii using bioactive compounds from marine Actinomycetes ? an alternative to synthetic antibiotics	Microbial Pathogenesis	209				3.5	10.1016/j.micpath.2025.108116

2301	Manzoor, I.; Vijayaraghavan, R.	Ag-Capped Zinc Peroxide (Ag?ZnO?) Nanocomposite: An Efficient Heterostructure Photocatalyst for the Environmental Remediation of Organic Dyes and Pharmaceuticals Antibiotics Under UV and Sunlight Irradiation	International Journal of Environmental Research	19	6			3.5	10.1007/s41742-025-00952-y
2302	Das, R.; Deb, S.; Suresh, P.K.	TMB as a predictive biomarker for ICI response in TNBC: current evidence and future directions for augmented anti-tumor responses	Clinical and Experimental Medicine	26	1			3.5	10.1007/s10238-025-01892-9
2303	Rejula, M.A.; Jebin, B.M.; Selvakumar, R.; Amutha, S.; George, E.	Detection of Acute Lymphoblastic Leukemia Using a Novel Bone Marrow Image Segmentation	Tsinghua Science and Technology	30	2	610	623	3.5	10.26599/TST.2023.9010099
2304	Pal, S.; Jayaseelan, A.; Karanam Rathankumar, A.K.; Kumar, P.; Vishnu, D.	Zirconium Nanomaterials for Treatment of Wastewater: Augmenting Antimicrobial Effectiveness and Optimization Through Artificial Intelligence Integration	International Journal of Environmental Research	20	1			3.5	10.1007/s41742-025-00988-0
2305	Sundharaj V., Sarveswari S.	Microwave assisted palladium catalyzed carbon-carbon bond formation to synthesise novel benzimidazole derivatives and their Photophysical properties, molecular docking, and DFT study	Heliyon	11	3			3.4	10.1016/j.heliyon.2025.e42105

2306	Biswas S., Harish R.	Effect of unsteady cavitation on hydrodynamic performance of NACA 4412 Hydrofoil with novel triangular slot	Heliyon	11	3			3.4	10.1016/j.heliyon.2025.e42266
2307	Ragavi M., Sreenivasulu P., Poornima T.	Joule heating and dissipation couple effects on magneto silver-graphene hybrid nanofluids upon radial stretching surface	Heliyon	11	3			3.4	10.1016/j.heliyon.2025.e42172
2308	Kiruba B., Naidu A., Sundararajan V., Lulu S S.	Mapping integral cell-type-specific interferon-induced gene regulatory networks (GRNs) involved in systemic lupus erythematosus using systems and computational analysis	Heliyon	11	1			3.4	10.1016/j.heliyon.2024.e41342
2309	Stephen J.M., Saleh A.M.	Strategic choices in bioprocessing of L(+)Lactic acid: Homo-fermentative Lactobacilli monocultures with novel agro-residue combination enhances economic production	Heliyon	11	1			3.4	10.1016/j.heliyon.2024.e41532
2310	Singh P., Kumar P., Patel H., Sindhuben Babulal K., Gayathri A.	Premier Dynamic Bandwidth Management and Tensile Wavelength Selection Ensuring QoS for NG-EPONs	IEEE Access					3.4	10.1109/ACCESS.2025.3532496
2311	Omar Parvez M., Mohamed Jasim K., Alam M.N., Elkhwesky Z., Cavusoglu M., Cobanoglu C.	Diving into the ocean: revealing travellers' intention to participate in underwater tourism	Tourism Recreation Research					3.4	10.1080/02508281.2024.2437715

2312	Shirley J.J., Priya M.	An Adaptive Intrusion Detection System for Evolving IoT Threats: An Autoencoder-FNN Fusion	IEEE Access	13		4201	4217	3.4	10.1109/ACCESS.2024.3525074
2313	Gowthaman S., Das A.	Plant Leaf Identification Using Feature Fusion of Wavelet Scattering Network and CNN with PCA Classifier	IEEE Access					3.4	10.1109/ACCESS.2025.3528992
2314	Dwivedi M.K., Jayapragash R.	New SEPIC Derived Semi-Bridgeless PFC Converter for Battery Charging Application	IEEE Access					3.4	10.1109/ACCESS.2025.3529351
2315	Neelakandan R., Kaliyaperumal G.	Optimal Index Code with Rate 4 over F2	IEEE Access					3.4	10.1109/ACCESS.2025.3529186
2316	Priyadarshi A., Sree T.R.	Multi-tier Blockchain-based Land Registry using Fog Computing	IEEE Access					3.4	10.1109/ACCESS.2025.3528457
2317	Singh I., Munjal M.	Intelligent Network Selection Mechanisms in the Internet of Everything System	IEEE Access	13		9666	9678	3.4	10.1109/ACCESS.2025.3528099
2318	Pandurangan D., Mishra N.	Design and Analysis of Two-Port Self-Decoupled Highly Efficient MIMO Antenna for 5G New Radio Mid-Band (n1/n2/n3) Wireless Communication	IEEE Access	13		7110	7122	3.4	10.1109/ACCESS.2025.3526276
2319	Rajadurai M., Kaliyaperumal P.	Optimizing Multimodal Transportation: A Novel Decision-Making Approach with Fuzzy Risk Assessment	IEEE Access					3.4	10.1109/ACCESS.2025.3528037
2320	Sharma A., Parvathi R.	Enhancing Cervical Cancer Classification: Through a Hybrid Deep Learning Approach Integrating DenseNet201 and InceptionV3	IEEE Access	13		9868	9878	3.4	10.1109/ACCESS.2025.3527677

2321	Girish Savadatti S., Krishnamoorthy S., Delhibabu R.	Survey of Distributed Ledger Technology (DLT) for Secure and Scalable Computing	IEEE Access	13		8393	8415	3.4	10.1109/ACCESS.2025.3528211
2322	Nambi S., Thanapal P.	EMO-TS: An Enhanced Multi-Objective Optimization Algorithm for Energy-Efficient Task Scheduling in Cloud Data Centers	IEEE Access	13		8187	8200	3.4	10.1109/ACCESS.2025.3527031
2323	Seth Y., Sivagami M.	Enhanced YOLOv8 Object Detection Model for Construction Worker Safety using Image Transformations	IEEE Access					3.4	10.1109/ACCESS.2025.3527511
2324	Ghosh A., Chaki J.	Fuzzy Enhanced Kidney Tumor Detection: Integrating Machine Learning Operations for a Fusion of Twin Transferable Network and Weighted Ensemble Machine Learning Classifier	IEEE Access	13		7135	7159	3.4	10.1109/ACCESS.2025.3526272
2325	Sukumaran A., Manoharan A.	Student Engagement Recognition: Comprehensive Analysis through EEG and Verification by Image Traits using Deep Learning Techniques	IEEE Access					3.4	10.1109/ACCESS.2025.3526187
2326	Asha M.M., Ramya G.	Artificial Flora Algorithm-Based Feature Selection With Support Vector Machine for Cardiovascular Disease Classification	IEEE Access	13		7293	7309	3.4	10.1109/ACCESS.2024.3524577
2327	Rajasekaran U., Kothandaraman M., Hong Pua C.	Water Pipeline Leak Detection and Localization With an Integrated AI Technique	IEEE Access	13		2736	2745	3.4	10.1109/ACCESS.2024.3524669

2328	Ajay A., Singh Bisht A., Karthik R.	Dense-ShuffleGCANet: An Attention-Driven Deep Learning Approach for Diabetic Foot Ulcer Classification Using Refined Spatio-Dimensional Features	IEEE Access	13		5507	5521	3.4	10.1109/ACCESS.2024.3524549
2329	Ahmad A., Jagatheswari S.	Quantum Safe Multi-Factor User Authentication Protocol for Cloud-Assisted Medical IoT	IEEE Access	13		3532	3545	3.4	10.1109/ACCESS.2024.3523530
2330	Blessina Preethi R., Saranya Nair M.	Augmenting Energy Sustainability of Static Nodes Using Hybrid KGNN-AHP Driven Approach for IoT-Based Heterogeneous WSN	IEEE Access	13		3320	3354	3.4	10.1109/ACCESS.2024.3523401
2331	Deepika S., Jaisankar N.	Enhanced Heart Disease Classification Using Dual Attention Mechanisms and 3D-Echo Fusion Algorithm in Echocardiogram Videos	IEEE Access	13		1609	1620	3.4	10.1109/ACCESS.2024.3522996
2332	Selvaraj S.; Panjanathan R.	WordDGA: Hybrid Knowledge-Based Word-Level Domain Names Against DGA Classifiers and Adversarial DGAs	Informatics	11	4			3.4	10.3390/informatics11040092
2333	Shalu S.B.; Sarobin M.V.R.	An Optimized Clustering Approach for Wireless Sensor Networks Using Improved Squirrel Search Algorithm (ISSA)	IEEE Access	12		134672	134687	3.4	10.1109/ACCESS.2024.3427849
2334	Munusamy V.; Senthilkumar S.	Leveraging Lightweight Hybrid Ensemble Distillation (HED) for Suspect Identification with Face Recognition	IEEE Access					3.4	10.1109/ACCESS.2024.3523101

2335	Revanth Khrisshna N.; Prashanth Kumar B.; Bhol K.; Tayal S.; Jena B.	InGaAs Stacked Multichannel MOSFET Design to Improve the Electrostatic Performance by Self-Heating Effect Reduction	IEEE Access	12		196567	196575	3.4	10.1109/ACCESS.2024.3521660
2336	Kathirvel N.; Venkatachalam I.	A Detailed Review for Predicting the Quantity of Sugar from Sugarcane using Various Models	IEEE Access					3.4	10.1109/ACCESS.2024.3522495
2337	Chandrasekaran I., Sarveswari S.	Different catalytic approaches of Friedländer synthesis of quinolines	Heliyon	11	2			3.4	10.1016/j.heliyon.2025.e41709
2338	Arthi M.P., Gandhimathi S.N.S.	Research trends and network approach of critical thinking skills in English Language Teaching – A bibliometric analysis implementing R studio	Heliyon	11	2			3.4	10.1016/j.heliyon.2025.e42080
2339	Jariwala A.M., Dash S.K., Sahu U.K., Mohan H.M.	Performance Optimization Techniques on Point Absorber and Oscillating Water Column Wave Energy Converter: A Comprehensive Review	IEEE Access					3.4	10.1109/ACCESS.2025.3531298
2340	Sugunapriya A., Markkandan S.	Studies on Underwater Image Processing Using Artificial Intelligence Technologies	IEEE Access	13		3929	3969	3.4	10.1109/ACCESS.2024.3524593
2341	Prasad Tera S., Chinthaginjala R., Pau G., Hoon Kim T.	Toward 6G: An Overview of the Next Generation of Intelligent Network Connectivity	IEEE Access	13		925	961	3.4	10.1109/ACCESS.2024.3523327

2342	Alex J.S.R.; Roshini R.; Maneesha G.; Aparajeeta J.; Priyadarshini B.; Lin C.-Y.; Lung C.-W.	Enhanced detection of mild cognitive impairment in Alzheimer's disease: a hybrid model integrating dual biomarkers and advanced machine learning	BMC Geriatrics	25	1			3.4	10.1186/s12877-025-05683-5
2343	Gokul P.; Kashkynbayev A.; Prakash M.; Rajan R.	Finite-time contractive stabilization for fractional-order switched systems via event-triggered impulse control	Communications in Nonlinear Science and Numerical Simulation	143				3.4	10.1016/j.cnsns.2025.108658
2344	Suhail S.; Saha S.; Barman K.K.; Bora S.N.	Impact of a porous structure placed at the sea-bed in wave scattering around ice floes	Journal of Fluids and Structures	134				3.4	10.1016/j.jfluidstructs.2025.104280
2345	Ezhilarasi P A.; Mohanavel D.	Response of intensive and thermophysical properties of a Pulsatile blood through Stenosed artery subject to drug delivery	Heliyon	11	4			3.4	10.1016/j.heliyon.2025.e42748
2346	Deepti Raj G.; Prabadevi B.	Enhancing surface detection: A comprehensive analysis of various YOLO models	Heliyon	11	3			3.4	10.1016/j.heliyon.2025.e42433
2347	Muthukumaran N.; Arulmurugan B.; Manoharan M.	Cryo-laser synergy: Enhancing metallurgical and mechanical excellence in Inconel 59-AISI 904L joints	Heliyon	11	3			3.4	10.1016/j.heliyon.2025.e42149
2348	S P.; A P.	The optimal route search in Bengaluru city transport using Hamilton circuit algorithm	Heliyon	11	4			3.4	10.1016/j.heliyon.2025.e42519

2349	Banerjee A.; Maity S.P.; Goutham V.	Residual Energy Maximization in RIS Aided Cooperative Spectrum Sensing with PUEA: Relative Performance in PS and TS Mode	IEEE Access	13		27081	27097	3.4	10.1109/ACCESS.2025.3539766
2350	Saranya S.; Menaka R.	An Explainable Machine Learning Network for Classification of Autism Spectrum Disorder using Optimal Frequency Band Identification from Brain EEG	IEEE Access					3.4	10.1109/ACCESS.2025.3542390
2351	Neeraja R.; Jani Anbarasi L.	DentC_BSFLNet: Boundary Refined and Spatial Adaptive Feature Learning Network for Enhanced Dental Caries Segmentation	IEEE Access					3.4	10.1109/ACCESS.2025.3539844
2352	Venkatraman S.; Pandiyaraju V.; Abeshek A.; Pavan Kumar S.; Aravintakshan S.A.	Leveraging Bi-Focal Perspectives and Granular Feature Integration for Accurate Reliable Early Alzheimer's Detection	IEEE Access					3.4	10.1109/ACCESS.2025.3540567
2353	Ahmad Q.S.; Khan M.J.; Khan I.U.; Singh I.; Ahmad S.; Singh G.	Achievable Sum Rate Analysis for Moving Relay Assisted Cooperative NOMA system over Rician Fading Channels	IEEE Access					3.4	10.1109/ACCESS.2025.3540552
2354	Raghavendra Rao N.S.; Chitra A.; Krishnachaitanya D.; Greer M.A.	A Novel Nonlinear Time-dependent Hazard Extended Intelligent Reliability Prediction Approach for Electric Vehicle Motor Controller	IEEE Access					3.4	10.1109/ACCESS.2025.3540458

2355	Hariharan S.; Annie Jerusha Y.; Suganeshwari G.; Syed Ibrahim S.P.; Tupakula U.; Varadharajan V.	A Hybrid Deep Learning Model for Network Intrusion Detection System using Seq2Seq and ConvLSTM-Subnets	IEEE Access					3.4	10.1109/ACCESS.2025.3541399
2356	Abraham L.A.; Palanisamy G.; Goutham V.	Dilated Convolution and YOLOv8 Feature Extraction Network: An Improved Method for MRI-Based Brain Tumor Detection	IEEE Access	13		27238	27256	3.4	10.1109/ACCESS.2025.3539924
2357	Hemavathy S.; Jagadeesh K.; Bhaaskaran V.S.K.	Unified Security Framework Using Device-Specific Fingerprint: Mitigating Hardware Trojans and Authenticating Firmware Updates	IEEE Access	13		26897	26914	3.4	10.1109/ACCESS.2025.3538936
2358	Sarangi S.; Moharana R.; Gayathri J.S.	Exploring consumer perceptions and purchasing behaviors towards organic food: an empirical investigation	British Food Journal					3.4	10.1108/BFJ-07-2024-0763
2359	Vathana M.P.; Jayagopal R.	Geodesic Dominated Coloring of Graphs	IEEE Access					3.4	10.1109/ACCESS.2025.3542427
2360	Dag I.E.; Kilic F.; Panigrahi M.; Avar B.	Microstructure, Mechanical Properties, and Antibacterial Performance of Novel Fe-Mn-Zn Nanocrystalline Alloys Produced by Mechanical Alloying	Advanced Engineering Materials					3.4	10.1002/adem.202500049

2361	Ajay A.; Sandosh S.; Saji A.; Agarwal H.	An Explainable Deep Learning Framework for Sorghum Weed Classification Using Multi-Scale Feature Enhanced DenseNet	IEEE Access	13		26973	26990	3.4	10.1109/ACCESS.2025.3538937
2362	Ordenshiya K.M.; Revathi G.K.	A comparative study of traditional machine learning and hybrid fuzzy inference system machine learning models for air quality index forecasting	International Journal of Data Science and Analytics					3.4	10.1007/s41060-025-00720-3
2363	Ramana K.V.V.; Sahu H.K.	Performance Analysis of RIS-Assisted Smart Grid Wide Area Network With RF Energy Harvesting	IEEE Access	13		23959	23970	3.4	10.1109/ACCESS.2025.3536890
2364	Vatchala S.; Yogesh C.; Govindarajan Y.; Raja M.K.; Ganesan V.P.A.; Arul A.V.; Ramesh D.	Multi-Modal Biometric Authentication: Leveraging Shared Layer Architectures for Enhanced Security	IEEE Access	13		28029	28041	3.4	10.1109/ACCESS.2025.3534223
2365	Komathi D.; Aarthi G.	Performance Analysis of UAV-Based FSO Communication System for Real Time Traffic Monitoring and Management in Smart Cities	IEEE Access	13		26236	26247	3.4	10.1109/ACCESS.2025.3538935
2366	Dhanushkodi K.; Bala A.; Chaplot N.	Single-View Depth Estimation: Advancing 3D Scene Interpretation with One Lens	IEEE Access	13		20562	20573	3.4	10.1109/ACCESS.2025.3534324
2367	Anil V.; Arun S.L.	Security and Market Liquidity Enhanced Transactive Energy System for Residential End Users	IEEE Access	13		24833	24851	3.4	10.1109/ACCESS.2025.3538330

2368	Srinivasan M.; Senthilkumar N.C.	Intrusion Detection and Prevention System (IDPS) Model for IIoT Environments Using Hybridized Framework	IEEE Access	13		26608	26621	3.4	10.1109/ACCESS.2025.3538461
2369	Prakash Gautam S.; Mohanty S.; Kumar Dash S.; Jalhotra M.; Kumar Sahu L.; Roccotelli M.; Muttaqi K.M.	Investigating the Effectiveness of H-Bridge in Mitigating Switch Faults of a Single-Phase Five-Level Inverter	IEEE Access	13		27729	27742	3.4	10.1109/ACCESS.2025.3537896
2370	Shaji A.P.; Hemalatha S.	SVFRH: A Growth Stage-Based Compartmental Model for Predicting the Disease Incident in Tomato (Solanum lycopersicum)	IEEE Access	13		23412	23425	3.4	10.1109/ACCESS.2025.3537953
2371	Hoque S.; Sahu H.K.; Hasan M.N.; Saha R.	Mobility Aware Spectrum Handoff in 6G-Enabled Cognitive Radio Vehicular Centralized and Ad-Hoc Networks	IEEE Access	13		22800	22811	3.4	10.1109/ACCESS.2025.3537096
2372	Rout S.; Das S.	A Joint Forgetting Factor-Based Adaptive Extended Kalman Filtering Approach to Predict the State-of-Charge and Model Parameter of Lithium-Ion Battery	IEEE Access	13		16770	16786	3.4	10.1109/ACCESS.2025.3533137
2373	Kurmaiah A.; Vaithilingam C.	Optimization of Fault Identification and Location Using Adaptive Neuro-Fuzzy Inference System and Support Vector Machine for an AC Microgrid	IEEE Access	13		20599	20619	3.4	10.1109/ACCESS.2025.3534147

2374	Abinaya S.; Ashwin K.S.; Sherly Alphonse A.	Enhanced Emotion-Aware Conversational Agent: Analyzing User Behavioral Status for Tailored Reponses in Chatbot Interactions	IEEE Access	13		19770	19787	3.4	10.1109/ACCESS.2025.3534197
2375	Velu K.; Jaisankar N.	Design of an Early Prediction Model for Parkinson's Disease Using Machine Learning	IEEE Access	13		17457	17472	3.4	10.1109/ACCESS.2025.3533703
2376	Jitendra Chandnani C.; Agarwal V.; Chetan Kulkarni S.; Aren A.; Amali D.G.B.; Srinivasan K.	A Physics-Based Hyper Parameter Optimized Federated Multi-Layered Deep Learning Model for Intrusion Detection in IoT Networks	IEEE Access	13		21992	22010	3.4	10.1109/ACCESS.2025.3535952
2377	Saranya S.; Menaka R.	A Quantum-Based Machine Learning Approach for Autism Detection Using Common Spatial Patterns of EEG Signals	IEEE Access	13		15739	15750	3.4	10.1109/ACCESS.2025.3531979
2378	Logeswari G.; Deepika Roselind J.; Tamilarasi K.; Nivethitha V.	A Comprehensive Approach to Intrusion Detection in IoT Environments Using Hybrid Feature Selection and Multi-Stage Classification Techniques	IEEE Access	13		24970	24987	3.4	10.1109/ACCESS.2025.3532895
2379	Sravani A.N.K.V.; Thomas J.	Targeting epithelial-mesenchymal transition signaling pathways with Dietary Phytocompounds and repurposed drug combinations for overcoming drug resistance in various cancers	Heliyon	11	3			3.4	10.1016/j.heliyon.2025.e41964

2380	Patel P.; Pampaniya S.; Ghosh A.; Raj R.; Karuppaih D.; Kandasamy S.	Enhancing Accessibility Through Machine Learning: A Review on Visual and Hearing Impairment Technologies	IEEE Access					3.4	10.1109/ACCESS.2025.3539081
2381	Prasad S.N.; Sundar S.	Comprehensive Review on the Exploitation of Advanced Memory Optimization Strategies to Improve Performance for Convolutional and Spiking Neural Networks in Medical Imaging Using Hardware Accelerators	IEEE Access					3.4	10.1109/ACCESS.2025.3541931
2382	Rattan A.; Rudra Pal A.; Gurusamy M.	Quantum Computing for Advanced Driver Assistance Systems and Autonomous Vehicles: A Review	IEEE Access	13		17554	17582	3.4	10.1109/ACCESS.2025.3532958
2383	Manikandan P.; Bindu B.	A Review on Frequency Compensation and Transient Enhancement Schemes of Flipped Voltage Follower LDO Regulators for SoC Applications	IEEE Access	13		16150	16170	3.4	10.1109/ACCESS.2025.3532761
2384	Solomons C.; Shanmugasundaram V.; Velayutham S.M.	A Multi-Electrode Transcranial Direct Current Stimulator (ME-tDCS): Design considerations and safety aspects	Heliyon	11	7			3.4	10.1016/j.heliyon.2025.e43039
2385	Subbiyan B.; Prabhavathi Neelakandan R.; Leelasankar K.; Rajavel R.; Malarvel M.; Shankar A.	A Quantum-Enhanced Artificial Neural Network Model for Efficient Medical Image Compression	IEEE Access	13		31809	31828	3.4	10.1109/ACCESS.2025.3542807

2386	Vinoth Kumar V.; Karthick Raghunath K.M.; Perumal I.; Manikandan K.	Leveraging Personalized Customer Experiences in Mobile Edge Computing Through Split Learning Using Smart Data-Driven Modeling	IEEE Access	13		34435	34448	3.4	10.1109/ACCESS.2025.3543577
2387	Thiyagarajan A.; Revathi B.S.; Suresh V.	A Deep Learning Model Using Transformer Network and Expert Optimizer for an Hour Ahead Wind Power Forecasting	IEEE Access	13		33935	33955	3.4	10.1109/ACCESS.2025.3543594
2388	Panneerselvam G.; Mani P.	Event-Triggered Control for Fuzzy-Based Networked Wind-Turbines-Integrated Power Systems With Distributed Communication Delays	IEEE Access	13		35339	35354	3.4	10.1109/ACCESS.2025.3543720
2389	Tamilselvi S.; Suchetha M.; Raman R.	Leveraging ResNet50 With Swin Attention for Accurate Detection of OCT Biomarkers Using Fundus Images	IEEE Access	13		35203	35218	3.4	10.1109/ACCESS.2025.3544332
2390	Gayathri R.; Uma V.; Rajakumar R.; Vishnu Priya R.; Vedhapriyavadhana R.	Spatio-Temporal and Semantic Enhanced Context-Aware Navigation for Indoor Robots	IEEE Access	13		36909	36929	3.4	10.1109/ACCESS.2025.3545074
2391	Ragavendirane M.S.; Dhanasekar S.	Low-Light Image Enhancement via New Intuitionistic Fuzzy Generator-Based Retinex Approach	IEEE Access	13		38454	38469	3.4	10.1109/ACCESS.2025.3545258

2392	Luke B.M.; Sampson S.A.	A Lightweight, Intelligent Autonomous Exploration System for Indoor Robots Using Improved Random Walk With Back-Off Strategies	IEEE Access	13		36723	36759	3.4	10.1109/ACCESS.2025.3545452
2393	Parkavi K.; Ganguly A.; Sharma S.; Banerjee A.; Kejriwal K.	Enhancing Road Safety: Detection of Animals on Highways During Night	IEEE Access	13		36877	36896	3.4	10.1109/ACCESS.2025.3545490
2394	Ramachandran S.; Saravanan S.; Julius Fusic S.; Rajagopalan A.	Exploring Misconceptions and Challenges of Electric Vehicle Adoption in India	IEEE Access	13		37632	37648	3.4	10.1109/ACCESS.2025.3545749
2395	Karthik R.; Aswin R.; Geetha K.S.; Suganthi K.	An Explainable Deep Learning Network With Transformer and Custom CNN for Bean Leaf Disease Classification	IEEE Access	13		38562	38573	3.4	10.1109/ACCESS.2025.3546017
2396	Vineetha B.; Nirmala M.	NeuroFuzDetect - A Neural and Fuzzy Inference System for Fake News Classification	IEEE Access					3.4	10.1109/ACCESS.2025.3547123
2397	Prabakaran A.; Rufus E.	Design and Fabrication of Textile-Based Electrodes for Biomedical Applications in Wearable Electronics Devices: Electrocardiography, Electromyography, and Tactile Sensing	IEEE Access	13		40977	40991	3.4	10.1109/ACCESS.2025.3547147

2398	Chethan M.; Kuppan R.	Optimizing Inertia Estimation in Virtual Synchronous Generators With MMC-Based Proportional Integral and Model Predictive Control Strategies	IEEE Access	13		43424	43434	3.4	10.1109/ACCESS.2025.3547367
2399	Saivineeth M.; Venkateswarlu B.	Linear Programming-Based Decision Support System of Solar Power Reserve Management in Pulsation Free Current Circulation (PFCC) for Agricultural Systems.	IEEE Access					3.4	10.1109/ACCESS.2025.3549464
2400	Panda P.; Mathur R.; Mahajan A.	Electronically Controllable Varactor loaded beam switchable 4-Element Array Antenna for Sub-6 GHz Application	IEEE Access					3.4	10.1109/ACCESS.2025.3550783
2401	Sathya K.; Balakrishnan A.; Baskaran P.; Arun Kumar R.	Enhancing Plant Disease Detection Using Attention-Augmented Residual Networks and Faster Region-Convolutional Networks	IEEE Access					3.4	10.1109/ACCESS.2025.3551242
2402	Mishra S.; Stany B.; Kumari A.; Bhaskara Rao K.V.	Protease inhibitor from Streptomyces pulveraceus strain VITSSAB as a potential therapeutic agent against BACE1 in Alzheimer's disease: A molecular docking and dynamics simulations study	Biocatalysis and Agricultural Biotechnology	65				3.4	10.1016/j.bcab.2025.103559
2403	Sivakumar N.; Motha A.; Suganeshwari G.; Syed Ibrahim S.P.; Sugumaran V.	SURE: Session-Based Uninteresting Item Removal for Enhanced Recommendations	IEEE Access	13		43904	43918	3.4	10.1109/ACCESS.2025.3549133

2404	Ramachandra P.; Vaithiyanathan S.	Fed-DPSDG-WGAN: Differentially Private Synthetic Data Generation for Loan Default Prediction via Federated Wasserstein GAN	IEEE Access					3.4	10.1109/ACCESS.2025.3552487
2405	Bisht A.S.; Ajay A.; Karthik R.	DeepCRC-Net: An Attention-Driven Deep Learning Network for Colorectal Cancer Classification Using Xception and Efficient Lightweight Local Feature Fusion Networks	IEEE Access					3.4	10.1109/ACCESS.2025.3550004
2406	Dar M.A.; Jagalingam P.	Machine Learning and Deep Learning Approaches for Accent Recognition: A Review	IEEE Access					3.4	10.1109/ACCESS.2025.3552935
2407	Chithanuru V.; Ramaiah M.	An Efficient approach based on RAE-GAMI-NET for Long Range attack Detection on Blockchain	IEEE Access					3.4	10.1109/ACCESS.2025.3551627
2408	Aarthi G.; Bhargava Kumar L.; Vaidya M.; Nema S.; Krishnan P.; Sangeetha A.; Natarajan R.; Thangavel K.	Enhancing Smart City Connectivity: Implementing Channel-Adaptive Strategies for FSO-Based Drone-Assisted Mobile Access Networks in Urban Environments	IEEE Access					3.4	10.1109/ACCESS.2025.3549041
2409	Mohan K.N.; Bhowmick A.; Arya S.; Choukiker Y.K.	Dual-Band with Dual-linear Polarization Frequency Selective Surface utilizing Aperture Coupled Technique	IEEE Access					3.4	10.1109/ACCESS.2025.3549047
2410	Gnanasekar S.; Sriharipriya K.C.	Enhancing Power Allocation in DAS: A Hybrid Machine Learning and Reinforcement Learning Model	IEEE Access					3.4	10.1109/ACCESS.2025.3551238

2411	Nekin Joshua R.; Sakthivel A.R.	Reinforced Polymer Composite Filaments in Fused Deposition Modeling of 3D Printing Technology: A Review	Advanced Engineering Materials					3.4	10.1002/adem.202402509
2412	Ankareddy R.; Delhibabu R.	Dense Segmentation Techniques Using Deep Learning for Urban Scene Parsing: A Review	IEEE Access	13		34496	34517	3.4	10.1109/ACCESS.2025.3543944
2413	Kalasampath K.; Spoorthi K.N.; Sajeev S.; Kuppa S.S.; Ajay K.; Maruthamuthu A.	A Literature Review on Applications of Explainable Artificial Intelligence (XAI)	IEEE Access	13		41111	41140	3.4	10.1109/ACCESS.2025.3546681
2414	Sheela Rani M.; Dhanasekar S.	Application of type-2 heptagonal fuzzy sets with multiple operators in multi-criteria decision-making for identifying risk factors of Zika virus	BMC Infectious Diseases	25	1			3.4	10.1186/s12879-025-10741-9
2415	Immanuel P.; Greeni A.B.	Optimizing the layout of embedding BCube into grid architectures	Journal of Parallel and Distributed Computing	201				3.4	10.1016/j.jpdc.2025.105070
2416	John Kennedy H.S.; Kumaravelu V.B.	Intelligent Omni-Surface-Assisted Cooperative Hybrid Non-Orthogonal Multiple Access: Enhancing Spectral Efficiency Under Imperfect Successive Interference Cancellation and Hardware Distortions	Sensors	25	7			3.4	10.3390/s25072283
2417	Nesam J.J.J.; Ganesh S.S.	Design of Radix-8 Unsigned Bit Pair Recoding Algorithm-Based Floating-Point Multiplier for Neural Network Computations	IEEE Access	13		63969	63980	3.4	10.1109/ACCESS.2025.3559226

2418	Venkataraghavan V.; Sivapatham S.; Kar A.	Wav2Lip Bridges Communication Gap: Automating Lip Sync and Language Translation for Indian Languages	IEEE Access					3.4	10.1109/ACCESS.2025.3562883
2419	Guruprakash J.; Pradeep P.; Krithika L.B.	GenePixKolor (GPK) Fusion: A Novel Evolutionary Algorithm-Based Optimized NFT Card Generation and Rarity Ranking Method for Gaming Tokenomics	IEEE Access	13		65566	65581	3.4	10.1109/ACCESS.2025.3558833
2420	Preetha R.; Priyadarsini M.J.P.; Nisha J.S.	Hybrid 3B Net and EfficientNetB2 Model for Multi-Class Brain Tumor Classification	IEEE Access	13		63465	63485	3.4	10.1109/ACCESS.2025.3558411
2421	Ramakrishnan S.; Dhinesh Babu L.D.	Improving Multi-Label Emotion Classification on Imbalanced Social Media Data With BERT and Clipped Asymmetric Loss	IEEE Access	13		60589	60601	3.4	10.1109/ACCESS.2025.3557091
2422	Mohith Niranjen R.K.; Yogesh C.; Vinodh A.; Sureshkumar T.; Vatchala S.	Implementation for Lightweight Deep Learning for Anomaly Detection and Denoising on Gravitational Waves	IEEE Access					3.4	10.1109/ACCESS.2025.3562595
2423	Jonnalagadda A.; Verma Y.S.; Bharat M.V.; Ushus E.Z.	Efficient Path Planning in Multi-Agent Environment of AAVs With Payloads	IEEE Access	13		57932	57942	3.4	10.1109/ACCESS.2025.3554546
2424	Ajeyprasaath K.B.; Vetrivelan P.	Hybrid EXGBStackQoE Classifier and Stackelberg Game-Theoretic Approaches for Enhanced QoE in Video Services over 5G Wireless Networks	IEEE Access					3.4	10.1109/ACCESS.2025.3562645

2425	Kumar Ojha S.; Chinna Obaiah M.	Optimization of a Novel FOPIDN-(1+PIDN) Controller for Renewable Integrated Multi-Area Load Frequency Control System with Non-Linearities	IEEE Access	13		56736	56755	3.4	10.1109/ACCESS.2025.3555846
2426	Ranjith K.; Karthikeyan K.	An Effective CDS Heuristic for the Fuzzy Flow Shop Scheduling Problem With Ordered Precedence Constraints Using Pentagonal Fuzzy Processing Time	IEEE Access	13		59560	59575	3.4	10.1109/ACCESS.2025.3554021
2427	Chandra Sakinala U.; Abinaya S.	Enhanced Detection of Hand Gestures From sEMG Signals Using Stacking Ensemble With Particle Swarm Optimization and Meta-Classifier	IEEE Access	13		63611	63626	3.4	10.1109/ACCESS.2025.3559182
2428	Mallick B.; Parida P.; Nayak C.; Khalifa T.; Kumar Panda M.; Ali N.; Uttam Patil G.; Prasad B.	Multi-Channel Multi-Protocol Quantum Key Distribution System for Secure Image Transmission in Healthcare	IEEE Access	13		62476	62505	3.4	10.1109/ACCESS.2025.3558294
2429	Mishra P.; Narayanasamy S.K.; Srinivasan K.	Context-Aware Embedded Language Transformers for Evaluating Climate Change-Based Sustainable Development Goals	IEEE Access	13		65757	65775	3.4	10.1109/ACCESS.2025.3559548
2430	Babu Erukala S.; Tokmakov D.; Devi Aguru A.; Kaluri R.; Bekyarova-Tokmakova A.; Mileva N.	An End-to-End Secure Communication Framework for Smart Homes Environment Using Consortium Blockchain System	IEEE Access	13		67250	67268	3.4	10.1109/ACCESS.2025.3559070

2431	Kavya Y.; Reka S.S.	Phase Wise Classification of Abnormal Gait in Children with Cerebral Palsy Using Hybrid Neural TEMPODE Deep Learning Techniques	IEEE Access	13		67112	67126	3.4	10.1109/ACCESS.2025.3561061
2432	Kalimuthu M.; Hemanth C.	Preliminary Study on Real-Time Phonocardiogram Signal Acquisition and Analysis Using Machine Learning and IoMT for Digital Stethoscope	IEEE Access	13		68682	68709	3.4	10.1109/ACCESS.2025.3560763
2433	Kumar S.S.; Ramachandran P.	A GPSR based Sparse ECG Signal Recovery approach for Hybrid Compressive Sensing framework and its Classification using Deep Convolution Neural Network.	IEEE Access					3.4	10.1109/ACCESS.2025.3560544
2434	Murthy B.S.N.; Madhusudanan V.; Srinivas M.N.; Guerrini L.; Zeb A.; Dao N.-N.; Cho S.	Analytical Optimal Control of Delayed Worm Propagation Model in Heterogeneous IoT Systems	IEEE Access	13		63349	63366	3.4	10.1109/ACCESS.2025.3559146
2435	Monesh S.; Senthilkumar N.C.	BiFormer for Scene Graph Generation Based on VisionNet With Taylor Hiking Optimization Algorithm	IEEE Access	13		57207	57222	3.4	10.1109/ACCESS.2025.3555230
2436	Gnana Swathika O.V.; Sarith Wasitha M.A.; Udayanga Hemapala K.T.M.; Ramachandran S.	Design and Development of Research Level Microgrid Controller for Resilient and Sustainable Energy Management	IEEE Access	13		59780	59789	3.4	10.1109/ACCESS.2025.3554771

2437	Benila S.; Devi K.	Federated Synergy: Hierarchical Multi-Agent Learning for Sustainable Edge Computing in IIoT	IEEE Access					3.4	10.1109/ACCESS.2025.3560781
2438	Vijayaprabakaran K.; Padmanaban R.; Ramalingam R.; Ilavendhan A.; Vedhapriyavadhana R.	CUNet-CLSTM: A Novel Fusion of CUNet and CLSTM for Superior Liver Cancer Detection in CT scans	IEEE Access					3.4	10.1109/ACCESS.2025.3559592
2439	Singh R.; Pal A.; Mishra S.; Chowdhury A.	Enhancing Situational Awareness: Anomaly Detection using Real-Time Video Across Multiple Domains	IEEE Access					3.4	10.1109/ACCESS.2025.3560874
2440	Tharun P.; Muthulakshmi S.; Subhashini N.; Vishnuram P.; Kesavan R.	Improving Hydroponic Systems by Using ARUCO Markers for Leaf Detection: Focus on Tomato Plants	IEEE Access	13		55512	55523	3.4	10.1109/ACCESS.2025.3554598
2441	Samuel B.; Hota M.K.	FAViTNet: An Effective Deep Learning Framework for Non-invasive Fetal Arrhythmia Diagnosis	IEEE Access					3.4	10.1109/ACCESS.2025.3561848
2442	Menon I.U.; Babu Kumaravelu V.; Kumar V.C.; Rammohan A.; Chinnadurai S.; Venkatesan R.; Hai H.; Selvaprabhu P.	AI-Powered IoT: A Survey on Integrating Artificial Intelligence With IoT for Enhanced Security, Efficiency, and Smart Applications	IEEE Access	13		50296	50339	3.4	10.1109/ACCESS.2025.3551750

2443	Babu A.; Bagubali A.	Federated Learning With Sailfish-Optimized Ensemble Models for Anomaly Detection in IoT Edge Computing Environment	IEEE Access	13		53171	53187	3.4	10.1109/ACCESS.2025.3554301
2444	Rajasekar V.R.; Rajkumar S.	FPES-IDS: Forecast-Path and Exponential Smoothing-Based Intrusion Detection System to Mitigate Blackhole Attack in RPL-Based 6LoWPANs	IEEE Access	13		67170	67195	3.4	10.1109/ACCESS.2025.3557670
2445	Ghosh A.; Srinivasan K.	EffiDenseGenOp: Ensemble Transfer Learning With Hyperparameter Tuning Using Genetic Algorithm Optimization for PCOS Detection From Ultrasound Sonography Images	IEEE Access	13		54285	54312	3.4	10.1109/ACCESS.2025.3553895
2446	Jegadeeshwaran R.; Sudhan K.; Sakthivel G.; Kumar D.S.; Abirami S.; Nathezhtha T.; Govardhan Y.S.; Manickavasagam P.	A Compact Solar Thermic Cooking Solution: Design Validation and Performance Analysis	IEEE Access	13		51300	51318	3.4	10.1109/ACCESS.2025.3553080
2447	Lakshmi P.; Manikandan P.; Ramyachitra D.	An Improved Bagging of Machine Learning Algorithms to Predict Motif Structures From Protein-Protein Interaction Networks	IEEE Access	13		45077	45088	3.4	10.1109/ACCESS.2025.3549880
2448	Babu P.; Asaithambi M.; Suriyakumar S.M.	Contextual Regularization-Based Energy Optimization for Segmenting Breast Tumor in DCE-MRI	IEEE Access	13		51986	52005	3.4	10.1109/ACCESS.2025.3553035

2449	Aravindan N.; Selvendran S.; Sivanantha Raja A.	Advancements in LED-based indoor visible light communication: A two-decade survey	Heliyon	11	9			3.4	10.1016/j.heliyon.2025.e42866
2450	Hussen M.; Rajaram T.	A Comprehensive Review of Voltage Source Converters-Based FACTS Controllers in Hybrid Microgrids	IEEE Access	13		62961	62999	3.4	10.1109/ACCESS.2025.3557961
2451	Subashini C.; Sellamuthu S.	Recent Trends in the Quality Module of Sustainable Water Management Models -A Systematic Review	IEEE Access					3.4	10.1109/ACCESS.2025.3560783
2452	Sharma M.; Sakthivel R.	Attitude stabilization of a rigid body with measurement noise and time-delayed feedback	Communications in Nonlinear Science and Numerical Simulation	149				3.4	10.1016/j.cnsns.2025.108887
2453	Jerusha Y.A.; Ibrahim S.P.S.; Varadharajan V.	A Novel Semantic Driven Meta-Learning Model for Rare Attack Detection	IEEE Access	13		73219	73235	3.4	10.1109/ACCESS.2025.3564031
2454	Subramaniam M.; Tripathi T.; Chandraumakantham O.	Cluster Sort: A Novel Hybrid Approach to Efficient In-Place Sorting Using Data Clustering	IEEE Access	13		74359	74374	3.4	10.1109/ACCESS.2025.3564380
2455	Kavya S.; Sumathi D.	Multimodal and Temporal Graph Fusion Framework for Advanced Phishing Website Detection	IEEE Access	13		74128	74146	3.4	10.1109/ACCESS.2025.3564530
2456	Deenadayalan T.; Shantharajah S.P.	Prognostic Survival Analysis for AD Diagnosis and Progression Using MRI Data: An AI-Based Approach	IEEE Access					3.4	10.1109/ACCESS.2025.3564611
2457	Rohith G; Manish D.S.; Narasimhan A R.; Dhavale A.U.; John R.R.	SparkNet–A Solar Panel Fault Detection Deep Learning Model	IEEE Access	13		75599	75617	3.4	10.1109/ACCESS.2025.3564714

2458	Panda M.; Chankaya M.; Mohanty S.; Sandeep S.D.	State-of-Charge-Based Energy Management Strategy for Hybrid Energy Storage System in DC Microgrid	IEEE Access	13		77353	77364	3.4	10.1109/ACCESS.2025.3564786
2459	Sarathi J.; Rama Prabha D.	An Effective ANFIS Approach for Interconnected DFIG-Based Wind Energy System With Model-In-Loop Validation	IEEE Access	13		77147	77164	3.4	10.1109/ACCESS.2025.3565073
2460	Manivasagan M.; Jagatheswari S.	Low contrast enhancement algorithm for color image using pythagorean fuzzy sets with a fusion of CLAHE and BPDHE methods	IEEE Access					3.4	10.1109/ACCESS.2025.3565121
2461	Kumar K.M.S.; Das S.	Enhanced Power Quality Control in Grid Tied PVG-UAPF Systems Using a Modified Second Order Generalized Integrator and Notch Filter	IEEE Access	13		79430	79443	3.4	10.1109/ACCESS.2025.3565152
2462	Bhandari D.; Agarwal A.; Reena Roy R.; Priyatharshini R.; Cristian R.R.	A Web-Based Interface that Leverages Machine Learning to Assess an Individual's Vulnerability to Brain Stroke	IEEE Access					3.4	10.1109/ACCESS.2025.3566093
2463	Sakthivel K.; Albert Alexander S.	An Extensive Analysis of Power Quality Improvement in a Three-Stage 15-Level Inverter Using Various ANN Algorithms	IEEE Access	13		79331	79352	3.4	10.1109/ACCESS.2025.3566266
2464	Arvind V.R.; Shyamsharan S.; Gurunathan P.; Kumba K.; Ra N.	An Analysis of Semi-Supervised Machine Learning in Electrical Machines	IEEE Access	13		82927	82959	3.4	10.1109/ACCESS.2025.3567047

2465	Subburaj B.; Ragavendra R.	Deepfake Detection Using Spatio-Temporal-Structural Anomaly Learning and Fuzzy System-Based Decision Fusion	IEEE Access	13		82747	82758	3.4	10.1109/ACCESS.2025.3567523
2466	Sathyaraj J.; Sankardoss V.	Enhancing Short-Term Wind Speed Prediction Based on Deep Learning with Ensemble Learning Model for Small Wind Turbine Applications	IEEE Access	13		82759	82782	3.4	10.1109/ACCESS.2025.3567803
2467	Sanni S.O.; Mohammed O.O.; Chakraborty S.; Abdullateef A.I.; Otuoze A.O.; Ikotun O.; Iagyekum E.B.	On the Choice of System Strength Metrics for the Allocation and Sizing of Synchronous Condensers in Power Grids	IEEE Access	13		83781	83793	3.4	10.1109/ACCESS.2025.3568228
2468	Neha Margret I.; Rajakumar K.	Adaptive Elastic GAN for High-Fidelity Blood Cell Image Hallucination and Classification	IEEE Access	13		84897	84910	3.4	10.1109/ACCESS.2025.3568539
2469	Singh P.; Jha M.; Patel H.	Wavelet-Enhanced Deep Learning Ensemble for Accurate Stock Market Forecasting: A case study of Nifty 50 Index	IEEE Access					3.4	10.1109/ACCESS.2025.3568634
2470	Slathia A.S.; Sharma A.; Krishna P.B.; Anand S.; Rathi A.; Joseph L.; Gao X.-Z.	SHERA: SHAP-Enhanced Resource Allocation for VM Scheduling and Efficient Cloud Computing	IEEE Access					3.4	10.1109/ACCESS.2025.3568917
2471	Walia J.S.; Haridass K.; Pavithra L.K.	Deep Learning Innovations for Underwater Waste Detection: An In-Depth Analysis	IEEE Access	13		88917	88929	3.4	10.1109/ACCESS.2025.3569344

2472	Mahapatra D.K.; Gupta S.; Jena B.; Dwivedi R.P.	Employing a Mixture of Rayleigh and Inverse Gaussian Distributions as SAR Clutter Texture Model in MAP Estimation for Efficient Speckle Suppression	IEEE Access					3.4	10.1109/ACCESS.2025.3569417
2473	Dhamodharan K.; Pandi T.	RGB Pixel Combination Method for Underwater Camouflaged Image Categorization using Graph Neural Networks	IEEE Access					3.4	10.1109/ACCESS.2025.3569449
2474	Banu A.J.; Prathiba A.	Non-Profiled Partial Nibble Recovery on Power Attack Resilient Adiabatic PRESENT Block Cipher through AI Vulnerability Assessment	IEEE Access					3.4	10.1109/ACCESS.2025.3569570
2475	Kumar R.; Garia S.; Joshi S.; Pal A.; Singh I.; Sahu U.K.	A High-Performance SPR Biosensor for Female Reproductive Hormone Detection	IEEE Access	13		86057	86068	3.4	10.1109/ACCESS.2025.3569574
2476	Tamotia A.; Karmokar D.S.; Komal R.; Khadar Nawas K.; Shahina A.; Nayeemulla Khan A.	Fusion of Multimodal Audio Data for Enhanced Speaker Identification Using Kolmogorov-Arnold Networks	IEEE Access					3.4	10.1109/ACCESS.2025.3569606
2477	Sharma M.; Mahapatro S.R.	A Geometric Approach to Nonlinear Control of a Research Aircraft	IEEE Access					3.4	10.1109/ACCESS.2025.3569653
2478	Mary Mekala A.; Varalakshmi M.; Achyutha Gowda C.P.; Kumar L.M.; Lyakso E.E.; Frolova O.; Nersisson R.	Fused YOLO and Traditional Features for Emotion Recognition from Facial Images of Tamil and Russian Speaking Children: A Cross-Cultural Study	IEEE Access					3.4	10.1109/ACCESS.2025.3569771

2479	Phaneendra Bottu V.S.G.S.; Ragavan K.	Emotion-Based Music Recommendation System Integrating Facial Expression Recognition and Lyrics Sentiment Analysis	IEEE Access	13		87740	87752	3.4	10.1109/ACCESS.2025.3570011
2480	Sinha P.K.; Marimuthu R.	Quantum Algorithms' Approach: A Case Study on Bladeless Wind Turbine and Solar Panel	IEEE Access	13		85951	85966	3.4	10.1109/ACCESS.2025.3570393
2481	Jalapathy P.; Mubashir Unnissa M.	Purchase Now or Later? Attracting Strategic Consumers With an Extended Warranty: A Study of New and Reman Products	IEEE Access	13		86616	86652	3.4	10.1109/ACCESS.2025.3570508
2482	Dash R.; Sinha A.; Jyotheeswara Reddy K.; Dhanamjayulu C.; Kamwa I.	Dynamic Modeling and Quantum-Enhanced Forecasting of Multi-Seasonal Energy Prices in Simulated Microgrid Environments	IEEE Access					3.4	10.1109/ACCESS.2025.3570719
2483	Mohanapriya R.; Nithish Kumar V.	Modified SPECK (M-SPECK) lightweight cipher architecture for resource-constrained applications	IEEE Access					3.4	10.1109/ACCESS.2025.3570727
2484	Akila P.; Moharana R.	The Pearson χ2-Divergence Measure for Doubly Truncated Random Variables	IEEE Access	13		88905	88916	3.4	10.1109/ACCESS.2025.3571188
2485	Daga M.; Parikh D.	DeepSeqCoco: A Robust Mobile Friendly Deep Learning Model for Detection of Diseases in Cocos nucifera	IEEE Access					3.4	10.1109/ACCESS.2025.3571800
2486	Mishra M.; Acharjya D.P.	A review on swarm optimization, hybridization and extent of applications	International Journal of Data Science and Analytics					3.4	10.1007/s41060-025-00788-x

2487	Malarvannan S.; Angulakshmi M.	A Review on Lung Cancer Classification Using Deep Learning Techniques	IEEE Access	13		76161	76184	3.4	10.1109/ACCESS.2025.3564633
2488	Bhardwaj A.; Dash D.; Anant A.; Bhanushali V.M.; Kushwah A.; Mishra I.; Shubham; Kumar Pandey C.	Comprehensive Analysis on Complementary FET	IEEE Access	13		82554	82572	3.4	10.1109/ACCESS.2025.3568134
2489	Alagarsamy M.; Rajasekaran U.; Ganesan S.; Palanivel R.	XAI based Photovoltaic Energy Management Framework for Smart Cities	IEEE Access	13		98349	98361	3.4	10.1109/ACCESS.2025.3572492
2490	Surya Bharathi P.; Pavithra R.	Modified Bron–Kerbosch-Based Sensor Deployment Algorithm for Target Coverage in Wireless Sensor Networks	IEEE Access	13		95692	95705	3.4	10.1109/ACCESS.2025.3575245
2491	Abhishek S.; Jogi Y.S.; Kumar Sahu U.; Kumar Dash S.; Kumar Yadav U.	Teach Pendant at Fingertips: Intuitive Vision-Based Gesture-Driven Control of Dexter ER2 Robotic Arm	IEEE Access	13		100614	100629	3.4	10.1109/ACCESS.2025.3576693
2492	Hemalatha K.; Das S.	Federated Learning Model Using CBDPL for Medical Image Segmentation	IEEE Access	13		98747	98758	3.4	10.1109/ACCESS.2025.3576875
2493	Sathya K.; Magesh G.	Multimodal Deep Learning for Cardiovascular Risk Stratification:Integrating Retinal Biomarkers and Cardiovascular Signals for Enhanced Heart Attack Prediction	IEEE Access	13		99672	99689	3.4	10.1109/ACCESS.2025.3577064

2494	Mathew S.; Chintagumpala K.	Fabrication and Evaluation of Polydimethylsiloxane-La2O3 Composites based Flexible Capacitance Pressure Sensors? Parameters and Applications	IEEE Access	13		99343	99354	3.4	10.1109/ACCESS.2025.3577066
2495	Abilasha V.; Karthikeyan A.	Metaheuristic-Based Cepstral Sensing Technique for Prolonging Network Lifetime and Mitigating Primary User Emulation Attacks in Cognitive Radio Sensor Network	IEEE Access	13		100370	100391	3.4	10.1109/ACCESS.2025.3577663
2496	George Rajesh S.; Vipin Madangarli S.; Santosh Pisharady G.; Subrahmanyam R.	Enhancement of Virtual Assistants Through Multimodal AI for Emotion Recognition	IEEE Access	13		102159	102179	3.4	10.1109/ACCESS.2025.3577664
2497	Jeyavim R.C.; Parkavi K.	Decoy Traffic-Aware IDS: A Novel Approach Using CSHHHNN and GGGOA	IEEE Access	13		100791	100807	3.4	10.1109/ACCESS.2025.3577684
2498	Maheedhar M.; Deepa T.	Comprehensive Study of Nonlinear Maglev System Utilizing COOT Optimized FOPID Controller	IEEE Access	13		102234	102250	3.4	10.1109/ACCESS.2025.3578770
2499	Anish J.J.; Ajitha D.	Exploring the State-of-the-Art Algorithms for Brain Tumor Classification Using MRI Data	IEEE Access					3.4	10.1109/ACCESS.2025.3579727
2500	Leela Jacob S.; Parveen Sultana H.	Spiking Residual ShuffleNet-Based Intrusion Detection in IoT Environment	IEEE Access	13		104257	104280	3.4	10.1109/ACCESS.2025.3579777

2501	Antoni Gracy G.; Pravin S.C.	Latent Space Classification for Cardiovascular Disease Detection: A Deep Convolutional Autoencoder-Based Approach for Telemedicine Applications	IEEE Access					3.4	10.1109/ACCESS.2025.3579999
2502	Dwivedy B.; Kumar Das T.; Ku Mahapatra D.; Gayen D.	A Semi-Angular Cylindrical Shape Based Wideband Circularly Polarized Dielectric Resonator Antenna for C-V2X and sub-6 GHz IoT Applications	IEEE Access	13		106218	106229	3.4	10.1109/ACCESS.2025.3580143
2503	Shomir Dutta S.; Sandeep S.; Sridevi S.; Mistry R.; Ortega J.; Kar G.	Novel Quanvolutional Neural Network-Based COVID-19 Diagnosis From Raman Spectroscopic Signals of Human Serum	IEEE Access	13		104382	104405	3.4	10.1109/ACCESS.2025.3580316
2504	Nevatia I.; Chaudhary V.; Thurai Pandian M.	Smart Forest Navigation System using LoRa and Dynamic Pathfinding	IEEE Access					3.4	10.1109/ACCESS.2025.3580463
2505	Narayanasamy K.; Venkatachalam I.	Predicting Sugar Yield From Sugarcane Using Machine Learning for Jaggery Production	IEEE Access	13		106077	106090	3.4	10.1109/ACCESS.2025.3580487
2506	Sesidhar D.V.S.R.; Badachi C.; Nagawaram C.; Kondoju P.C.; Dhanamjayulu C.; Kamwa I.	State of Charge Estimation for Li-Ion Batteries: An Edge-Based Data-Driven Approach	IEEE Access					3.4	10.1109/ACCESS.2025.3580552
2507	Rajkumar S.; Jenila Livingston L.M.; Juneja V.; Sharv S.; Mahajan P.D.	A Novel Approach for Identifying and Eliminating the Degradations in Real Time Images	IEEE Access					3.4	10.1109/ACCESS.2025.3580634

2508	Mahapatra D.K.; Paul S.; Dwivedy B.; Frery A.C.	Closed-Form Solution for CFAR Detection Threshold in G0 Distributed SAR Clutter	IEEE Access					3.4	10.1109/ACCESS.2025.3581682
2509	Virumandi S.; Kumar P.	Performance and Reliability Assessment of Schottky Complementary Multi-FinFET Inverter for Advanced Scaling Nodes	IEEE Access					3.4	10.1109/ACCESS.2025.3581940
2510	Sumathi M.; Raja S.P.	Explainable Artificial Intelligence-Based Diseases Diagnosis From Unstructured Clinical Data and Decision Making Using Blockchain Technologies	International Journal of Interactive Multimedia and Artificial Intelligence	9	3	40	51	3.4	10.9781/ijimai.2025.02.003
2511	Ankit Kumar Bharti S.; Gopalakrishnan A.V.	Lead-Induced Nephrotoxicity and Its Therapeutic Interventions: An Updated Review	Biological Trace Element Research					3.4	10.1007/s12011-025-04692-0
2512	Rezvy P.A.; Komanapalli V.L.N.	Investigation on the Role of Artificial Intelligence in Measurement System	IEEE Access	13		96483	96502	3.4	10.1109/ACCESS.2025.3575164
2513	Subramanian N.; Stonier A.A.	An Extensive Investigation on Intelligent-Based Control Techniques for the Performance Improvement in Multilevel Inverters	IEEE Access	13		103329	103357	3.4	10.1109/ACCESS.2025.3576380
2514	Mahalakshmi K.; Nagarajan S.	Comprehensive Review and Analysis of Image Encryption Techniques	IEEE Access					3.4	10.1109/ACCESS.2025.3578158
2515	Sudhakar Jebaraj G.; Elango K.	A Comprehensive Review of EEG-Based Seizure Detection Techniques	IEEE Access	13		103531	103564	3.4	10.1109/ACCESS.2025.3578991

2516	B., Venkateswarlu, Bhumavarapu; P.M., Reddy, P. Mohan; P.V.S., Narayana, P. V.Satya; S., Joo, Sang-woo; S.A., Alshehri, Sarah A.	Synthesis, characterization and numerical simulations of hybrid nanofluid flow under electromagnetic fields with Arrhenius activation energy	Journal of the Indian Chemical Society	102	8			3.4	10.1016/j.jics.2025.101892
2517	M., Bathwar, Mittal; R.R., Vijayaraghavan, Rajagopalan R.	AV2O6 (A = Zn, Ca, Mg) and NaBH4 - Reduced AV2O6: A Comparative study of structural, optical, and photocatalytic insights for Methylene blue degradation	Journal of the Indian Chemical Society	102	9			3.4	10.1016/j.jics.2025.101965
2518	A., Shaik, Ayesha; J.J., Kanichai, Jincy Jis; A.B., Kurumthottam, Aleena Bosco; V., Garg, Vidul; B., Ananthakrishnan, Balasundaram	An experimental evaluation of deep learning-based models for acne severity classification in humans	Connection Science	37	1			3.4	10.1080/09540091.2025.2533867
2519	T., Deepika, Tenepalli; T.M., Navamani, T. M.	Advancing cardiac diagnostics: high-accuracy arrhythmia classification with the EGOLF-net model	Frontiers in Physiology	16				3.4	10.3389/fphys.2025.1613812
2520	S., Ray, Suryapratap; C., Jangid, Chitra; G.A., Francis, Gracy Anu; S.S., Pathak, Sumit Sudhir; P., Chavan, Pooja; R., Vashishth, Rahul	ICP-MS-based quantitative analysis and risk assessment of metal(loid)s in fish species from Chennai, India	Frontiers in Public Health	13				3.4	10.3389/fpubh.2025.1609067

2521	S., Manobala, S.; A., Malakar, Amit; S., Bose, Suryasarathi; T.P., Sumangala, T. P.	PEDOT: PSS/MXene/TiO2 Decorated Nickel and Polyurethane Foam: Synergistic Effects for High-Performance EMI Shielding	Polymers for Advanced Technologies					3.4	10.1002/pat.70269
2522	L.M., Thomas, Lince Mathew; M.S., Sreekanth, M. S.	Multiwalled Carbon Nanotubes Reinforced Polyvinyl Alcohol Nanocomposites: Synergistic Enhancement on Multifunctional Performance and Deep Learning-Driven Predictions for Next-Generation Flexible Electronics	Polymers for Advanced Technologies					3.4	10.1002/pat.70294
2523	S., Shivam Kumar Jha, S.; N., Mohana, N.	A homotopy-CNN framework for continuous deformation in low-light image enhancement	Connection Science					3.4	10.1080/09540091.2025.2546911
2524	M.; Abima, S.; Sumathi, S.	Praseodymium and iron doped yttrium phosphate NIR reflective yellow pigment for energy saving applications	Journal of the Indian Chemical Society	102	11			3.4	10.1016/j.jics.2025.102188
2525	Selvaraj, V.K.; Jeyanthi, J.; Narayanan S, A.; Kannammaraju, N.V.; Rajendran, V.	Development of sustainable polyurethane composites from e-waste and tire rubber for low-velocity impact applications in automotive structures	Journal of Thermoplastic Composite Materials					3.4	10.1177/08927057251394624

2526	Patel, N.; Lawarde, A.; Surisetti, S.M.; Premkumar, P.; Lingasamy, P.; Vino, V.; Lulu S, S.; Salumets, A.; Modhukur, V.	Serum-MiR-CanPred: deep learning framework for pan-cancer classification and miRNA-targeted drug discovery	RNA Biology	22	1	1	19	3.4	10.1080/15476286.2025.2577433
2527	Abarna, S.; Radhakrishnan, S.; Sangeetha, D.; Dahlous, K.A.; Islam, M.S.	New chalcone tethered pyrazole derivatives: synthesis, molecular docking, ADME-T & DFT study	Future Medicinal Chemistry					3.4	10.1080/17568919.2025.2580914
2528	Balakumaran, S.J.; Chandan, M.R.	Stress-Induced Dielectric Response of Graphene Nanoplatelets Loaded Ultra-Lightweight, Flexible Polyurethane Foam for Pressure-Based Sensing Application	Polymers for Advanced Technologies	36	12			3.4	10.1002/pat.70442
2529	Joseph, S.; Samuel, C.; Janakiraman, K.; Augustine, J.; Abraham, J.; Krishnamurithy, K.; Sasikumar, S.	Diopside/sodium-substituted hydroxyapatite composite for hard tissue engineering: Preparation, characterisation, in vitro biomineralisation, mechanical stability, degradation behaviour and biological assessment	Journal of the Indian Chemical Society	103	1			3.4	10.1016/j.jics.2025.102330
2530	Koren, D.T.; Malik, C.; Siddiqui, S.I.; Shrivastava, R.; Ghosh, S.	Modulation of mitochondrial voltage dependent anion channel: studies on bilayer electrophysiology	Frontiers in Physiology	16				3.4	10.3389/fphys.2025.1666994

2531	Prabha B., Yaramadhi M., Sharma A., Padmanaban K.	Optimized auxiliary physics neural network based multi-target detection for edge-cloud in smart internet of things	Peer-to-Peer Networking and Applications	18	2			3.3	10.1007/s12083-024-01811-x
2532	Mudda S., Annamalai A.R., Muthuchamy A.	Additive Manufacturing of Pure Tungsten and Tungsten Heavy Alloys-State-of-the-Art Processes	Metals and Materials International					3.3	10.1007/s12540-024-01861-z
2533	Das S.; Chinnaiyan P.; Jayaseelan J.; Paulchamy J.; Batako A.; Pazhani A.	An Experimental Investigation into the Enhancement of Surface Quality of Inconel 718 Through Axial Ultrasonic Vibration-Assisted Grinding in Dry and MQL Environments	Journal of Manufacturing and Materials Processing	8	6			3.3	10.3390/jmmp8060255
2534	Nandhini U.; Santhosh Kumar S.V.N.	An with effective ensemble classifier for network intrusion detection system	Peer-to-Peer Networking and Applications	18	2			3.3	
2535	Ray A.; Atul G.C.; Sapkota S.C.; Saha P.; Das S.; Rai R.; Khandelwal M.	Stability analysis and prediction of Bimslope failures using numerical modelling and hybrid meta-heuristic models	Natural Hazards					3.3	10.1007/s11069-025-07164-9
2536	Cao Y.; Dharani S.; Sivakumar M.; Cader A.; Nowicki R.	MITTAG-LEFFLER SYNCHRONIZATION OF GENERALIZED FRACTIONAL-ORDER REACTION-DIFFUSION NETWORKS VIA IMPULSIVE CONTROL	Journal of Artificial Intelligence and Soft Computing Research	15	1	25	36	3.3	10.2478/jaiscr-2025-0002

2537	Thangamani G.; Kumar Tamang S.; Patel M.S.; Arackal Narayanan J.; Thangaraj M.; Zhang J.; Kumar Gianchandani P.; Iyamperumal Anand P.	Studies on the Effect of Laser Shock Peening Intensity on the Mechanical Properties of Wire Arc Additive Manufactured SS316L	Journal of Manufacturing and Materials Processing	9	1			3.3	10.3390/jmmp9010008
2538	Patel A.N.; Srinivasan K.	Deep learning paradigms in lung cancer diagnosis: A methodological review, open challenges, and future directions	Physica Medica	131				3.3	10.1016/j.ejmp.2025.104914
2539	Rajasekar V.R.; Rajkumar S.	Evaluating the impact of selective forwarding attacks on RPL-based 6LoWPAN in IoT: a comprehensive simulation study	Computing	107	3			3.3	10.1007/s00607-025-01440-z
2540	Nandhini U.; Santhosh Kumar S.V.N.	An enhanced whale optimizer based feature selection technique with effective ensemble classifier for network intrusion detection system	Peer-to-Peer Networking and Applications	18	2			3.3	10.1007/s12083-024-01867-9
2541	Manam M.; Srivatsa S.; Osborne W.J.	Endophytic bacteria of Gracilaria edulis in combating human bacterial pathogens by PPDHMP – A crude to single molecule product development approach	Microbial Pathogenesis	202				3.3	10.1016/j.micpath.2025.107431

2542	Senthil Kumar S.A.; Praveenkumar K.; Jothipandian S.; Swaroop S.; Nithyanand P.	Nanoscale surface modifications on Titanium plates- A strategy to mitigate MRSA biofilm-mediated implant infections: A pilot study	Microbial Pathogenesis	203				3.3	10.1016/j.micpath.2025.107481
2543	Shanmugasundaram S.; Gupta D.	Electron impact partial ionization cross section and thermal rate coefficients of gaseous refrigerants	Plasma Sources Science and Technology	34	2			3.3	10.1088/1361-6595/adb649
2544	Venkat A.; Muneer S.	Circadian-Mediated Regulation of Growth, Chloroplast Proteome, Targeted Metabolomics and Gene Regulatory Network in Spinacia oleracea Under Drought Stress	Agriculture (Switzerland)	15	5			3.3	10.3390/agriculture15050522
2545	Rexline D.H.; Anita X.	LCMAS-IoMT: Lightweight certificate-less mutualauthentication scheme for internet of medical things	Peer-to-Peer Networking and Applications	18	3			3.3	10.1007/s12083-025-01969-y
2546	Brindangnanam P.; Sawant A.R.; Ashokkumar K.; Sriraghavan K.; P S.; Prashanth K.; Coumar M.S.	Unveiling the potential of a novel drug efflux pump inhibitor to combat multidrug resistance in ESKAPEE pathogens, with a focus on Acinetobacter baumannii	Microbial Pathogenesis	203				3.3	10.1016/j.micpath.2025.107513
2547	Rajan R.; Raju P.V.R.; SVN S.K.; M.Selvi; R.Shanmugapriya	RL-BOT—Reinforcement learning based billfish optimization technique for secured data aggregation in internet of things	Peer-to-Peer Networking and Applications	18	3			3.3	10.1007/s12083-025-01957-2

2548	Parasuraman B.; Michael A.X.	Effect of T6 Tempering on the Wear and Corrosive Properties of Graphene and B4C Reinforced Al6061 Matrix Composites	Journal of Manufacturing and Materials Processing	9	3			3.3	10.3390/jmmp9030082
2549	Omer S.N.; Saravanan P.; Senthilnathan; Kumar P.; Lopez-Maldonado E.A.; Rajeshkannan R.; Kumar S.V.	Molecular docking insights: interaction mechanisms of green-synthesized iron oxide nanoparticles with bacterial proteins	Microbial Pathogenesis	205				3.3	10.1016/j.micpath.2025.107704
2550	Ragavan V.K.S.; Nithya N.S.; Vengala A.; Subramanian B.; Ambhika C.	Refractive Index Biosensor–Based Detection of Mycobacterium Tuberculosis Using Sea Lion Political Optimizer and Deep Learning	Plasmonics					3.3	10.1007/s11468-025-02932-6
2551	M R.; Durairaj S.; S S.; S A.	Hybrid key management WSN protocol to enhance network performance using ML techniques for IoT application in cloud environment	Peer-to-Peer Networking and Applications	18	4			3.3	10.1007/s12083-025-01967-0
2552	Mahendrarajan V.; Easwaran N.	Isolation, probiotic characterization and genomic analysis of Enterococcus durans VIT3 from edible curd	Microbial Pathogenesis	205				3.3	10.1016/j.micpath.2025.107649
2553	Karmakar M.	Reproductive trauma, vulnerable mothers, and disenfranchised grief: reflecting on the affective dimensions of surrogacy practice in Indian literary and film narratives	Sexual and Reproductive Health Matters	32	1			3.3	10.1080/26410397.2025.2477378

2554	Priyanka T.M.C.; Gowrisankar A.	REVIEW ON FRACTAL INTERPOLATION FUNCTIONS	Fractals					3.3	10.1142/S0218348X25401358
2555	Patil M.R.; Bihari A.	Cancer Classification Through p53 Hotspot Mutations: An Ensemble Learning Approach	Cell Biology International					3.3	10.1002/cbin.70041
2556	Karthikeyan P.; Brindha K.	Smart data flow: a trust-driven hybrid fragmentation framework for optimizing data transmission in IoT-enabled edge-fog-cloud systems	Computing	107	6			3.3	10.1007/s00607-025-01491-2
2557	Alam M.A.; Dadial A.S.; Hussain T.; Akhlaque N.; Sana T.	Nanoengineered Silver Nanorod Aptasensor for Ultra-Sensitive Colorimetric Dopamine Detection	Plasmonics					3.3	10.1007/s11468-025-03112-2
2558	Jain R.; Jain P.; Tyagi B.	A model for SLA aware admission control and QoS aware task scheduling in cloud environment	Peer-to-Peer Networking and Applications	18	4			3.3	10.1007/s12083-025-01988-9
2559	Kashyap A.; Shukla O.J.; Prakash S.; Kumar R.	Artificial intelligence in agriculture: Unveiling trends in supply chain advancements	Sustainable Futures	9				3.3	10.1016/j.sftr.2025.100708
2560	Khidasheli N.; Gvazava S.; Zakharov G.; Chikhradze M.; Batako A.D.L.; Ahuir-Torres J.I.; Pazhani A.; Xavior M.A.	Effect of Heat Treatments on the Microstructure, Corrosion Resistance and Wear Behaviour of Bainitic/Martensitic Ductile Iron Under Dry Sliding Friction	Journal of Manufacturing and Materials Processing	9	5			3.3	10.3390/jmmp9050145

2561	M.P., Arun Krishnan, M. P.; A.T., Bhagyalakshmi, A. T.; J., Hu, Jianping; M., Ummal Momeen, M.	ﷺImpact of interpolated grid size on gamma passing rates in 2D and 3D fluence analysis for patient-specific quality assuranceﷺ	Radiation Physics and Chemistry	237				3.3	10.1016/j.radphyschem.2025.113098
2562	R., Ahuja, Rohil; D., Borda, Dhruvil; V.R., Asi, Vasudeva Reddy; null; null	Predicting Working Poor and Total Employment in Kenya in-line with SDG norms	Scientific African	29				3.3	10.1016/j.sciaf.2025.e02812
2563	S., Neelakandan, Sivakumar; K., Biswas, Krishnendu	Composite way to superior thermoelectric performance in In filled Co4Sb12	Solid State Sciences	168				3.3	10.1016/j.solidstatesciences.2025.108028
2564	K., Gananathan, Kavipriya; D., Manjula, Dhanabalachandran; V., Sugumaran, Vijayan	DTIP-WINDGRU a novel drug-target interaction prediction with wind-enhanced gated recurrent unit	BMC Bioinformatics	26	1			3.3	10.1186/s12859-025-06141-0
2565	A.E., Kolasseri, Anjana Eledath; B., Venkataramana, B.	Development and validation of hybrid machine learning approach for predicting survival in patients with cervical cancer: a SEER-based population study	Frontiers in Oncology	15				3.3	10.3389/fonc.2025.1605378

2566	S., Sultana, Salma; D., Chakraborty, Debdyuti; M., Anwar Parvez, Mohammad; M.R., Chandan, Mohammed Rehaan; M., Rahaman, Mostafizur	Polymeric Membranes for Advanced Separation and Sensing: Materials and Mechanisms for Emerging Applications﷯A Review	Chemistry - An Asian Journal					3.3	10.1002/asia.202500714
2567	A., Devassykutty, Annmary; T.P., Jose, Tony P.	The Effectiveness of Mindfulness-Based Interventions on Tribal Adolescent Girls in India	Journal of Happiness Studies					3.3	10.1007/s10902-025-00949-6
2568	P., Das, Priyanka; K.S., Chilakapati, Keertana Sarvani; R., Krishnan, Rahul; M.B., S, Monish Balaji	Convolutional Neural Network Optimized Multiband Tunable Circular Polarization Converter at THz frequencies	Silicon					3.3	10.1007/s12633-025-03412-6
2569	S.B., Ganapathy, Sakthi Balan; S., Aravind Raj, S.; P., Yash, Prateek; V., Rasal, Vedant	Experimental and numerical investigations of additively manufactured bioinspired re-entrant honeycomb and hourglass auxetic structures under quasi-static loading	Functional Composites and Structures					3.3	10.1088/2631-6331/ade759
2570	D.M., Nivedhitha, Durgam Muralidharan; S., Jeyanthi, Subramanian; V.K., Selvaraj, Vinoth Kumar	Enhanced acoustic performance of sustainable open-cell polar-phase polyvinylidene difluoride (PVDF) smart foams: an experimental and statistical approach	Functional Composites and Structures					3.3	10.1088/2631-6331/adf53b

2571	S., Prabhavathi, Sundaram; S.M., Gali, Swapna M.; K.K., Tadi, Kiran Kumar; T., Manobala, T.	Electrochemical Impedance Spectroscopy for Rapid Monitoring of Staphylococcus aureus Proliferation and Bacterial Detection	Journal of the Electrochemical Society					3.3	10.1149/1945-7111/adf25d
2572	Z.M., Dar, Zaffar Mehdi; C., Muthusamy, Chandru; H.R., Calle, Higinio Ramos	A Virtual Element Method for a (2+1)-Dimensional Wave Equation with Time-Fractional Dissipation on Polygonal Meshes	Fractal and Fractional					3.3	10.3390/fractalfract9070399
2573	T., Nivedya, T.; R.C., Bhaskar, Rangaswamy Chinnabba; S.K., Ashok Kumar, S. K.; P., Paira, Priyankar	Advancements in the Applications of Mono and Bimetallic Rhenium(I) Complexes in Anticancer Therapeutics, Bioimaging, and Biosensing	Chemistry - An Asian Journal					3.3	10.1002/asia.202500759
2574	I.M., Aldawish, Ibtisam Mohammed; H.M., Srivastava, Hari M.; S.M., El-Deeb, Sheza M.; G., Murugusundaramoorthy, Gangadharan; K., Vijaya, Kaliappan	An Application of Liouville?Caputo-Type Fractional Derivatives on Certain Subclasses of Bi-Univalent Functions	Fractal and Fractional					3.3	10.3390/fractalfract9080505
2575	A., Dhanasekaran, Aravinth; D., Kannadassan, Dhanaraj; V., Velmurugan, Venugopal	Challenges and Future Perspectives in the Development of Electromagnetic Interference Shielding Materials	Advanced Engineering Materials					3.3	10.1002/adem.202500417
2576	C., Kameshwaran, Chinnagounder; F., Nawaz Khan, Fazlurrahman	Visible-Light-Driven Synthesis of Pyrrolo[3,4-b]quinolin-1-one Imines Exhibiting Aggregation-Induced Enhanced Emission	Chemistry - An Asian Journal					3.3	10.1002/asia.202500770

2577	S., Joseph, Subin; R., Chakrabarty, Rinku; P., Paira, Priyankar	Advances in nano-drug delivery systems for metallic compounds in cancer therapy: challenges and future perspectives	Dalton Transactions					3.3	10.1039/d5dt01704a
2578	Atamuratov, A.E.; Rajapov, D.R.; Khalilloev, M.M.; Sivasankaran, K.; Balasubbareddy, M.; A.Yusupov	A Comprehensive Study of the Impact of the Gate Oxide Material Composition on the Self-Heating Effect in Nanosheet Field Effect Transistor	Silicon					3.3	10.1007/s12633-025-03451-z
2579	Vijaya, B.; Nallakumar, S.; Babu, R.S.; Usha Rani, M.	Ameliorating the electrochemical performance of composite polymer electrolytes: BaTiO3 as a nanofiller in PVdC-co-AN/PEG blends for energy storage applications	Solid State Sciences	169				3.3	10.1016/j.solidstatesciences.2025.108098
2580	Praharaj, S.; Pathak, M.	Biomineralization, Antifungal, Antibacterial and Cytotoxicity Investigation of Larnite/Nano Titania Composite via Sol?gel Combustion Method	Silicon					3.3	10.1007/s12633-025-03461-x
2581	Sreelekha, U.; Das, R.; Latha Laxmi, I.P.; Roy, N.; Roy, R.; Mathivathanan, L.; Tamizhselvi, T.; Chakrabarty, R.; Paira, P.	Butterfly-like photo-responsive cyclometalated Ir(iii) complex: emergence of a future cancer therapeutic agent	Dalton Transactions	54	39	14728	14739	3.3	10.1039/d5dt01164g

2582	Sudharsan, S.; Hattimare, A.R.; Mahadik, A.B.; Singh, A.; Kumar, U.N.; A, A.R.	Effect of Heat Treatment on High-Temperature Tribological Behavior of WE54 Alloy: An Experimental Study	Journal of Manufacturing and Materials Processing	9	9			3.3	10.3390/jmmp9090304
2583	Jeevanantham, B.; Vignesh, D.; Shobana, M.K.	High nickel-rich layered oxide: The intrinsic role of cation substitution and metal-oxide coating in tuning cationic mixing and enhancing electronic conductivity	Solid State Ionics	432				3.3	10.1016/j.ssi.2025.117066
2584	Augustine, J.; Abraham, J.	Talaromyces sayulitensis as a Potential Bioremediation Agent for Metformin	Applied Biochemistry and Biotechnology					3.3	10.1007/s12010-025-05418-7
2585	Vijaya, S.; Kennedy, L.J.	Triggering the intrinsic catalytic activity of electrodeposited CoNiFe LDH via Pt decoration for an efficient hydrogen evolution reaction	Dalton Transactions					3.3	10.1039/d5dt01617g
2586	Das, R.; Ghosh, S.; Paira, P.; Chakrabarty, R.	Rhodamine: Promising Theranostic Agent in Cancer Therapy	Chemistry - An Asian Journal					3.3	10.1002/asia.202500771
2587	Janani, P.; Ganesh, G.M.	Synergistic effects of polypropylene fibers on the strength and durability properties of 3D printed concrete	Structural Concrete					3.3	10.1002/suco.70387
2588	Sinha, A.; Banerjee, S.; Sen, S.; Ghosh, A.; Dey, A.; Naskar, T.; Singh, T.; Gangopadhyay, J.	Dual deoxygenation in an ?-ketoimine chelated rhenium(iii) complex: structural and mechanistic interpretations	Dalton Transactions	54	46	17137	17150	3.3	10.1039/d5dt01782c

2589	Das, U.; Dasgupta, T.; K.; M.; Senthil Kumar, A.; Kushwaha, R.; Das, R.; Mondal, D.; Maji, K.; Ghosh, P.; Banerjee, S.; Tamizhselvi, R.; Chakrabarty, R.; Paira, P.	Dual functioning Ru(ii)/Ir(iii) complexes for ferroptosis and apoptosis in triple-negative breast cancer: a proof of concept by glutathione depletion	Dalton Transactions	54	46	17162	17179	3.3	10.1039/d5dt01428j
2590	Hasanzadeh, H.; Wang, B.; R?nnqvist, M.; Badji, R.; Verma, A.	Evolutionary optimization for neural network-based discrete choice modeling: enhancing stability and efficiency	Transportation					3.3	10.1007/s11116-025-10682-x
2591	Ibezim, A.; Onah, E.; Osigwe, S.C.; Okoroafor, P.U.; Ukoha, O.P.; Siqueira-Neto, J.L.; Ntie-Kang, F.; Ramanathan, K.	Potential dual inhibitors of Hexokinases and mitochondrial complex I discovered through machine learning approach	Scientific African	24				3.3	10.1016/j.sciaf.2024.e02226
2592	Devi, S.; Laskar, N.M.; Jak?i?, O.; Guha, K.	Advancements in Low-Voltage Bandgap Reference Circuits for Energy-Efficient Large-Scale Integrated Systems	Silicon					3.3	10.1007/s12633-025-03466-6
2593	Singh, M.; Thanabal, N.; R.; Seenuvasaperumal, P.; Basha, D.A.	Deformation Behavior of Mg-0.4Bi-0.4Sn Alloy under Compression at Room Temperature	Advanced Engineering Materials					3.3	10.1002/adem.202502187
2594	Sekar, S.K.; Ranjith, R.; Prasanth, S.	Torsion behavior of reinforced standard strength concrete beams using ceramic waste powder	Structural Concrete					3.3	10.1002/suco.70426

2595	Balaji, V.R.; Medha, M.; Shaik, E.H.; Sivasubramanian, A.; Ali, N.; Hegde, G.; G.Vinitha	Design and Analysis of a Photonic Crystal DWDM Demultiplexer using an Overlap Ring Cavity to Drop Narrow Linewidth Channels	Silicon					3.3	10.1007/s12633-025-03470-w
2596	Surendran, H.; Akhas, P.K.	A Study on Unlocking the Pozzolanic Potential of Toughened Glass Waste Powder for Sustainable Cement Paste Development	Silicon					3.3	10.1007/s12633-025-03557-4
2597	Manasvi, R.; Deepa, V.; Balaji, V.R.; Soroosh, M.; Hegde, G.	Numerical Investigation of Dual-Cavity DWDM Optical Filters for Ultra-Narrowband C-Band 6G Applications	Silicon					3.3	10.1007/s12633-025-03561-8
2598	Borkar, R.L.; Putta, C.L.; Platto, M.; Beniwal, N.; Banoth, B.; Mehata, A.K.; Ramasamy, S.; Rengan, A.K.	Re(i)?quinolinate?pyridyl complexes with disubstituted benzimidazole pharmacophores as anticancer agents	Dalton Transactions	54	47	17531	17545	3.3	10.1039/d5dt01577d
2599	Subiksha, V.S.; Archana, P.P.S.; Nallasamy, N.	Enhancement of second harmonic generation (SHG) in ferrocene-appended T-shaped chromophores: impact of the cyanovinylene moiety with the TICT effect and theoretical insights	Dalton Transactions					3.3	10.1039/d5dt02127h
2600	Mondal, O.; Kiruba, B.; Sudhakaran, S.L.; Vino, V.	Navigating tumour microenvironment in endometrial carcinoma: a comprehensive review integrating immunohistochemistry, single-cell RNA-sequencing and spatial transcriptomics	Frontiers in Oncology	15				3.3	10.3389/fonc.2025.1685565

2601	S.; P.k, S.	Sleepyhead, deadly awakening: the dynamics of metastatic organotropism, tumor dormancy and therapeutic implications	Frontiers in Oncology	15				3.3	10.3389/fonc.2025.1701031
2602	Sridhar D., Parimalarenganayaki S.	Evaluation of sources, spatial and temporal distribution, ecological and health risk associated with CAF (Caffeine) and DEET (N, N-diethyl-meta-toluamide) contamination in the urban groundwater parts of Vellore city, Tamilnadu, India	Environmental geochemistry and health	47	2	44		3.2	10.1007/s10653-024-02351-2
2603	Vinod A.; Diraviam A.B.; Muthuvel M.R.; Wuppulluri M.	Tailoring the GFA, -ΔSM and RC of Fe86-2xZr8+xB5+xCu1 (x = 0,1& 2) metallic glass ribbons for magnetocaloric applications	Journal of Non-Crystalline Solids	650				3.2	10.1016/j.jnoncrysol.2024.123376
2604	Manjula E.; Chandrasekar S.; Bhavadharini A.; Senthilkumar K.; Janani S.; Vinitha G.; Murugakoothan P.	A combined experimental and theoretical studies on organic single crystal diguanidinium squarate dihydrate for nonlinear optical applications	Journal of the Indian Chemical Society	102	3			3.2	10.1016/j.jics.2025.101594
2605	Alphonse A.S.; Abinaya S.; Verma N.	Improved data labelling method for news headlines classification in cloud environment	Connection Science	37	1			3.2	10.1080/09540091.2025.2461088
2606	Rajathi C.; Rukmani P.	AccFIT-IDS: accuracy-based feature inclusion technique for intrusion detection system	Systems Science and Control Engineering	13	1			3.2	10.1080/21642583.2025.2460429

2607	Sharma M.; Ramalingam S.	Self-Triggered Formation Control of Heterogeneous Quadrotors on TSE(3)N in Presence of External Disturbances	International Journal of Robust and Nonlinear Control					3.2	10.1002/rnc.7898
2608	Praveen S.; Sindhuja M.; Sankaranarayanan K.	Investigating the electrochemical properties of g-C3N4/NiO nanocomposites for energy storage applications	Journal of the Indian Chemical Society	102	5			3.2	10.1016/j.jics.2025.101676
2609	Nayana B.R.; Subha R.; Radhakrishnan R.; Geethanjali P.	Scalable bearing fault diagnosis using metaheuristic feature selection and machine learning for diverse operating conditions	Systems Science and Control Engineering	13	1			3.2	10.1080/21642583.2025.2469606
2610	Sakthivel R.; Kwon O.M.; Park M.J.; Sakthivel R.	Finite-Time-Based Dissipative State Estimation for Discrete-Time Conic-Type Nonlinear Systems With Packet Dropouts Under Round Robin Protocol	International Journal of Robust and Nonlinear Control					3.2	10.1002/rnc.7934
2611	Manjunath D.; Sampath H.; Kirkwood R.N.; Santhosh S.; Sankarganesh D.	Behavioral and neurobiological implications of kairomones for rodents: an updated review	Frontiers in Neuroscience	19				3.2	10.3389/fnins.2025.1485312
2612	Mohan S.P.; Priya S.P.; Tawfig N.; Padmanabhan V.; Babiker R.; Palaniappan A.; Prabhu S.; Chaitanya N.C.S.K.; Rahman M.M.; Islam M.S.	The Potential Role of Adipose-Derived Stem Cells in Regeneration of Peripheral Nerves	Neurology International	17	2			3.2	10.3390/neurolint17020023

2613	Panwar A.; Narendra M.; Arya A.; Raj R.; Kumar A.	Integrated portable ECG monitoring system with CNN classification for early arrhythmia detection	Frontiers in Digital Health	7				3.2	10.3389/fdgth.2025.1535335
2614	Polisetty A.; G S.; Pahari S.	Exploring minimalist fashion drivers for Gen Z: mixed-method insights	Journal of Fashion Marketing and Management					3.2	10.1108/JFMM-07-2024-0269
2615	R R.J.; Choudhury B.; Alam M.M.; Mm B.; Chanda K.	Unlocking the power of imidazoquinolines: recent advances in anticancer and immunotherapeutic strategies	Future Medicinal Chemistry					3.2	10.1080/17568919.2025.2491303
2616	Vinod S.; Sreedevi S.; Krishnan A.; Sruthi V.; Rajaraman V.; Mangesh V.L.; Gacem A.; Yadav K.; Darwish H.; Perumal T.; Rajendran K.	Interaction of a Disaccharide, Lactose With Resorcinol-Based Acridinedione Dyes in Water: A Combined Study Involving Photophysical, Electrochemical, and Theoretical Approach	Luminescence	40	5			3.2	10.1002/bio.70198
2617	Banu S.P.N.; Rajendrakumar K.	Studies on Gelatin-Keratin-Chitosan Functionalized Silver Nanoparticles Based Bionanocomposite Films With Improved Antimicrobial and UV-Blocking Properties	Biopolymers	116	3			3.2	10.1002/bip.70023
2618	Krishna A.; Kurian A.E.; Tharunanand R.; Roys K.E.; L M.S.	Design of new D-π-A configured metal-free organic dyes as active photo-sensitizers	Journal of the Indian Chemical Society	102	6			3.2	10.1016/j.jics.2025.101728

2619	Viswanath V.; Meena J.; Kumaraguru N.; Sami veerappa N.; Shin P.-K.; Tatsugi J.; Santhakumar K.	Bio-engineered copper oxide nanoparticle for high biocompatible improved wound healing: Comprehensive characterization and in vivo & in vitro assessment	Journal of the Indian Chemical Society	102	7			3.2	10.1016/j.jics.2025.101772
2620	Gobi R.; Babu R.S.; Rani M.U.	Elucidating the Potential of MgO Nanoparticles Infused Into Polymer Membrane for Wound Alleviation	Polymer Engineering and Science					3.2	10.1002/pen.70012
2621	Blessy A.; Harshavarthini S.; Sathiyaraj T.; Zhu Q.; Lee S.M.	Two-Degree-Of-Freedom-Based Feedback Control Design for Semi-Markovian Jump Systems via Quadratic Function Negative Determination Approach	International Journal of Robust and Nonlinear Control					3.2	10.1002/rnc.70026
2622	Krishnan D.; Sheela A.	Theoretical investigations, DNA, BSA interactions and cytotoxicity studies of Schiff's base nickel (II) complexes	Journal of the Indian Chemical Society	102	8			3.2	10.1016/j.jics.2025.101859
2623	Bhowmik A.; Bamane S.; Saxena A.K.; Mishra M.K.	Caffeine vs. Theophylline Cocrystals: Insights into Structure-Mechanical Behavior and Piezoelectricity	Crystal Growth and Design					3.2	10.1021/acs.cgd.5c00491
2624	Deepika R.; Thirugnanasambandam K.; Muthunagai K.	QIR: a novel quaternion-based image representation for reversible image steganography	Connection Science	37	1			3.2	10.1080/09540091.2025.2507830
2625	Silpa B.; Hota M.K.	DSLWNet: a dual-stream lightweight deep learning network for the detection of Epileptic seizures using EEG signals	Connection Science	37	1			3.2	10.1080/09540091.2025.2518985

2626	N.R., Sivaraaj, N. R.; K.K., Abdul Majeed, K. K.	High-performance LC-VCO achieving -201.7 dBc/Hz FoMT and 29.23% tuning range for Ku-band	AEU - International Journal of Electronics and Communications	200				3.2	10.1016/j.aeue.2025.155918
2627	S.R., Kumar, Swetha R.; M.P., Chinnasamy, Mogana Priya; D., Jayaprasanth, D.	An intelligent active fault tolerant control strategy for pressurized water reactor: Addressing sensor faults	Progress in Nuclear Energy	188				3.2	10.1016/j.pnucene.2025.105900
2628	H., Ohara, Hiroya; M., Yamanaka, Masami; K., Inoue, Kiyoko; H., Shimizu, Hironori; N., Iguchi, Naohiko; K., Tanaka, Keiko; A.V., Gopalakrishnan, Abilash Valsala; V., Balachandar, Vellingiri; M., Kinoshita, Masako	Case Report: Role of hypoglycemia in seizure aggravation in a case of focal epilepsy: revealing a missing link between diabetes and dementia	Frontiers in Neuroscience	19				3.2	10.3389/fnins.2025.1604552
2629	Z., Ye, Zili; Z., Zhou, Zixiao; Z., Ye, Zhaolin; Z., Wang, Zhi; Q., Zhao, Qizhong; K.G., Prashanth, K. G.	An Investigation into the Thermomechanical Processing and Dynamic Recrystallization Mechanisms of High-Magnesium Aluminum Alloys	Materials	18	12			3.2	10.3390/ma18122734

2630	N., Sarkar, Nantu; O.N., Shivay, Om N.; R., Tiwari, Rakhi	Coupled plane wave reflection at the thermally insulated rigid boundary of a fiber-reinforced anisotropic media in context of advanced model with two thermal relaxations framework	ZAMM Zeitschrift fur Angewandte Mathematik und Mechanik					3.2	10.1002/zamm.70154
2631	M., Neelavathy, M.; Y.K., Choukiker, Yogesh Kumar	Design of a fourth-order bandpass frequency selective surface via aperture-coupled approach	AEU - International Journal of Electronics and Communications					3.2	10.1016/j.aeue.2025.155989
2632	E., M.v, Eashwar; N., T, Nivetha; B., Boby, Bindu; N.A., Kamsani, Noor Ain	Spiking neural network circuit with op-amp based LIF neuron and RRAM synaptic array	AEU - International Journal of Electronics and Communications					3.2	10.1016/j.aeue.2025.156004
2633	Z., Ahmed, Zeeshan; R., Kumar, Ravinder; A.K., Sharma, Avadhesh Kumar; R., Xu, Ruicong; R., Yokoyama, Ryo; W., Villanueva, Walter; H., Yamano, Hidemasa; M., Pellegrini, Marco; K., Okamoto, Koji	Characterization and visualization of eutectic melt in B4C powder and pellet-based/304 stainless steel composite control rods under radiative heating	Journal of Nuclear Materials					3.2	10.1016/j.jnucmat.2025.156120
2634	M., Jayaprakash, Meena; S., Kannappan, Santhakumar; A., Senthil Kumar, Annamalai	Polyphenols Activate Dopamine via an Auto-Electron Exchange Reaction Mechanism: Decoding the Parkinson?s Disease Control	Journal of Physical Chemistry C					3.2	10.1021/acs.jpcc.5c03030

2635	A., Shanmugam, Ashok; P.R., Radhabai, Prianka Ramachandran; K., Kvn, Kavitha; A.L., Imoize, Agbotiname Lucky	A dual self-attentive transformer U-Net model for precise pancreatic segmentation and fat fraction estimation	BMC Medical Imaging					3.2	10.1186/s12880-025-01852-5
2636	A.A., Pilarska, Agnieszka Anna; A., Marzec-Grz?dziel, Anna; M., Makowska, Ma?gorzata; A., Kolasa-Wi?cek, Alicja; R., Jambulingam, Ranjitha; T., Ka?u?a, Tomasz; K., Pilarski, K.	The Use of Chitosan/Perlite Material for Microbial Support in Anaerobic Digestion of Food Waste	Materials					3.2	10.3390/ma18153504
2637	A., Aseef, Ayesha; S.V.V., Kumar, Sudhir Venkat Vijaya	Prodigious biodegradation of polycyclic aromatic fluorene with manganese oxide nanoparticles from Stenotrophomonas sp.	Biodegradation					3.2	10.1007/s10532-025-10177-7
2638	Ramana, K.V.V.; Sahu, H.K.	Analysis of energy-harvesting relaying over S-V modeled Rayleigh and fluctuating Nakagami-m channels for disaster recovery	AEU - International Journal of Electronics and Communications	203				3.2	10.1016/j.aeue.2025.156081
2639	Silpa, R.; Nallasamy, N.	Chirality for Enhanced Second Harmonic Generation Response in Ferrocene-Appended D???A Naphthalimides	Journal of Physical Chemistry C	129	40	17934	17945	3.2	10.1021/acs.jpcc.5c03860

2640	Siddharth, G.; Ambekar, A.; Jayakumar, N.	Enhanced CoAtNet based hybrid deep learning architecture for automated tuberculosis detection in human chest X-rays	BMC Medical Imaging	25	1			3.2	10.1186/s12880-025-01901-z
2641	Banerjee, S.; De, S.; Kumar, S.K.A.; Bose, S.; Banerjee, S.	Ruthenium(II) Paracymene complexes of phenolic acids: Synthesis, chemical characterization, in-silico biomolecular interaction and cytotoxicity studies	Journal of Inorganic Biochemistry	274				3.2	10.1016/j.jinorgbio.2025.113080
2642	Pradhan, B.B.; Patra, J.P.; Mahapatra, D.K.; Prusty, S.B.	Zero Forcing detection in spatially correlated Rayleigh/Inverse Gamma composite fading channels: A sum rate perspective	AEU - International Journal of Electronics and Communications	203				3.2	10.1016/j.aeue.2025.156060
2643	T, N.; B, B.; Kamsani, N.A.	Spiking neural network with 1T-1R RRAM synapses and CMOS LIF neurons for in-situ learning and pattern recognition	AEU - International Journal of Electronics and Communications	205				3.2	10.1016/j.aeue.2025.156145
2644	Aaseegha, M.D.; Venkataramana, B.	SegResDeiT: a hybrid SegNet?ResNet-50?DeiT framework for automated cervical cancer segmentation and classification	BMC Medical Imaging	25	1			3.2	10.1186/s12880-025-02001-8

2645	Akhtar, Y.; Udupa, J.K.; Tong, Y.; Liu, T.; Wu, C.; Kogan, R.; Al-Noury, M.; Hosseini, M.; Tong, L.; Mannikeri, S.; Odhner, D.; McDonough, J.M.; Lott, C.; Clark, A.; Cahill, P.J.; Anari, J.B.; Torigian, D.A.	Auto-segmentation of thoraco-abdominal organs in pediatric dynamic MRI	Medical Physics	52	11			3.2	10.1002/mp.70104
2646	Nivetha, S.; Das, P.; Ghosh, M.	Threshold dynamics and epidemic-informed machine learning for forecasting of mpox: A U.S. case study	Chaos	35	11			3.2	10.1063/5.0299032
2647	Dayana, K.; Rex M, C.; Mukherjee, A.	Combined toxic impact of polystyrene nanoplastics and a flame retardant tetrabromobisphenol A (TBBPA) on freshwater algae Scenedesmus obliquus	Environmental Pollutants and Bioavailability	37	1			3.2	10.1080/26395940.2025.2575992
2648	Koner, S.; Ramasubbu, S.	A review on decoding the cellular and ecological risks of polypropylene microplastics	Environmental Pollutants and Bioavailability	37	1			3.2	10.1080/26395940.2025.2583466
2649	Roy, A.; Jk, N.; Italiya, G.; Subramanian, S.	Emerging contaminants jeopardizing groundwater integrity: environmental implications	Environmental Pollutants and Bioavailability	37	1			3.2	10.1080/26395940.2025.2572634
2650	Venkatesan, S.; Prathima, T.S.; Choudhury, B.; Chanda, K.; Balamurali, M.M.	Design and evaluation of novel hydrazide derivatives as NS1 inhibitors for dengue virus: synthesis, experimental, and computational studies	Molecular Systems Design and Engineering					3.2	10.1039/d5me00097a

2651	Al Jadidi, S.; Anbalagan, S.; Moolya, S.	Numerical Analysis of Heavy Oil-Water-Air Flow in a Horizontal Pipe Using Core Annular Flow Adapting Large Eddy Simulations	Energies	18	23			3.2	10.3390/en18236188
2652	S.; Selvakumar, A.; P.A.; Dharshini, L.C.P.; Mandal, A.K.A.	Formulating an Al-BTC Metal?organic Gel for Efficient Delivery of L-Theanine in Cancer Therapy	BioNanoScience	16	1			3.2	10.1007/s12668-025-02256-z
2653	Akhtar Hasnain, M.A.; Kanakkampalayam Krishnan, C.; Ekambaram, P.; Arumugam, S.K.	Enhanced Hydrogen Generation Rate and Stability of Cu/MgO/Cubic-ZrO2Methanol Steam Reforming Catalyst?Promotion Effect of MgO	Journal of Physical Chemistry C	129	36	16027	16042	3.2	10.1021/acs.jpcc.5c03570
2654	Van?o, L.; Biroju, R.K.; Kotl?r, M.; Vreten?r, V.; Maity, D.; Narayanan, T.N.	Nondestructive Imaging and Quantification of Composition in 2D MoS2and V-Doped MoS2by the Auger Scatterplot Method	Journal of Physical Chemistry C	129	47	20995	21004	3.2	10.1021/acs.jpcc.5c05299
2655	Geerthana S., Sridarshini T., Jenila C., Balaji V.R., Soroosh M., Thirumurugan A., Dhanabalan S.S.	Hybrid hexa-octagonal photonic crystal fiber with excellent guiding properties for sensing and communication applications	Journal of Physics D: Applied Physics	58	10			3.1	10.1088/1361-6463/ada451
2656	Lavanya J., Aakash M., Srinivasan R., Ravi Sankar A.	Nitrogen-Enriched Sulfur-Functionalized Reduced Graphene Oxide Nanosheets for Non-Enzymatic Uric Acid Sensing and Supercapacitor Application	Journal of the Electrochemical Society	172	1			3.1	10.1149/1945-7111/ada587

2657	M K., G M.	A comprehensive review on early detection of drusen patterns in age-related macular degeneration using deep learning models	Photodiagnosis and Photodynamic Therapy	51				3.1	10.1016/j.pdpdt.2024.104454
2658	Prashanth K.G.	Interpenetrating Composites: A Nomenclature Dilemma	Materials	18	2			3.1	10.3390/ma18020273
2659	Sudhindra S.; Sahu N.K.; D'Aguanno B.	Molecular dynamics investigation of structural, thermal, and dynamic properties of maghemite through thermal cycling	Journal of Chemical Physics	162	4			3.1	10.1063/5.0248660
2660	T P.; Pedda Obulesu Y.	Optimization of power loss and thermal performance in electric vehicle propulsion: a comparative analysis of Si, SiC, and GaN MOSFET power converters for EESM-based EVs	International Journal of Modelling and Simulation					3.1	10.1080/02286203.2025.2457756
2661	Anusha R.; Saravanan R.	Revolutionizing signature scheme: the enhanced Edward Elgamal extreme performance accumulate signature approach for IoT and blockchain applications	Soft Computing	29	3	1473	1496	3.1	10.1007/s00500-025-10426-0
2662	Soni Ishwarya V.; K. M.	A novel Adaptive Kolmogorov Arnold Sparse Masked Attention Model with multi-loss optimization for Acoustic Echo Cancellation in double-talk noisy scenario	Computer Speech and Language	93				3.1	10.1016/j.csl.2025.101786

2663	Sridharan S.; Venkataraman S.; Raja S.P.	SOC Estimation in Lithium Ion Batteries using a Hybrid Gated Residual Wavenet with LSTM-GRU Network Across Varying Temperatures	Journal of the Electrochemical Society	172	3			3.1	10.1149/1945-7111/adbb23
2664	Alenad A.M.H.; Khan M.S.; Al-twaijry N.; Alokail M.S.; Shano L.B.; Karthikeyan S.; Naz H.; Jali B.R.	Suppression of necroptosis-driven cell death and inflammation in hypoxic neuroblastoma (SH-SY5Y) cells by necrostatin-1	Naunyn-Schmiedeberg's Archives of Pharmacology					3.1	10.1007/s00210-025-04023-z
2665	Jézéquel Y.; Jandial P.; Cones S.F.; Ferguson S.; Aoki N.; Girdhar Y.; Mooney T.A.	Short-term habituation of the longfin squid (Doryteuthis pealeii) to pile driving sound	ICES Journal of Marine Science	82	3			3.1	10.1093/icesjms/fsad157
2666	Valivarthy C.V.; Youngblood J.P.; Varma D.S.M.; Vishnu J.; Kumar K.V.M.; Chandan M.R.	Visco-hyperelastic modeling of auxetic polyurethane foams	Polymer Bulletin					3.1	10.1007/s00289-025-05768-6
2667	Sarangi P.; Mohapatra S.; Mohapatra P.	A novel Q-learning-inspired Mountain Gazelle Optimizer for solving global optimization problems	International Journal of Machine Learning and Cybernetics					3.1	10.1007/s13042-025-02620-1
2668	Tewari J.; Qidwai K.A.; Tewari A.; Rana A.; Singh V.; Tewari V.; Mateen R.; Khatoon S.; Ahmad F.; Haque S.	Efficacy and safety of imeglimin, a novel oral agent in the management of type 2 diabetes mellitus: a systematic review and meta-analysis	Naunyn-Schmiedeberg's Archives of Pharmacology					3.1	10.1007/s00210-025-04198-5

2669	Mathavavisakan N.M.; Indhira K.; Ammar S.I.	Optimizing energy harvesting in web of things services: a metaheuristic approach with retrial queue under working vacation	Soft Computing	29	6	2769	2790	3.1	10.1007/s00500-025-10583-2
2670	Katal N.; Narayan S.	Single-stage multi-objective optimization for robust QFT controller and prefilter synthesis in process control systems	Soft Computing					3.1	10.1007/s00500-025-10643-7
2671	Prethija G.; Katiravan J.	Delving into transfer learning within U-Net for refined retinal vessel segmentation: An extensive hyperparameter analysis	Photodiagnosis and Photodynamic Therapy	53				3.1	10.1016/j.pdpdt.2025.104620
2672	Nagarajan G.; Rajasekaran A.; Nagarajan B.; Kaliappan V.K.; Yahya A.; Samikannu R.; Badruddin I.A.; Kamangar S.; Hussien M.	Decalcify cardiac CT: unveiling clearer images with deep convolutional neural networks	Frontiers in Medicine	12				3.1	10.3389/fmed.2025.1475362
2673	Bhattacharya I.; Maity D.K.; Kumar A.; Sarkar S.; Bhattacharya T.; Sahu A.; Sreedhar R.; Arumugam S.	Beyond obesity: lean metabolic dysfunction-associated steatohepatitis from unveiling molecular pathogenesis to therapeutic advancement	Naunyn-Schmiedeberg's Archives of Pharmacology					3.1	10.1007/s00210-025-04257-x
2674	Murali R.; Gopalakrishnan A.V.	Imperatorin as an activator of Nrf2/ARE in mercury-induced brain damage based on rat model study, molecular docking, and molecular simulation approaches	Naunyn-Schmiedeberg's Archives of Pharmacology					3.1	10.1007/s00210-025-04280-y

2675	Jayasree K.; Hota M.K.	Identification of protein-coding regions using optimized sinusoidal assisted variational mode decomposition based on swarm optimization algorithm	Soft Computing	29	8	3985	4000	3.1	10.1007/s00500-025-10588-x
2676	Loganathan T.; Doss C.G.P.	Multi-omics insights into biomarkers of breast cancer associated diabetes: a computational approach	Frontiers in Medicine	12				3.1	10.3389/fmed.2025.1572500
2677	K., Padmaja, K.; B.R., Kumar, B. Rushi; A.G., Kumar, Arun G.Vijaya; R.S.R., Gorla, Rama Subba Reddy	A comprehensive review of mathematical methods for fluid flow, heat and mass transfer problems: pros, cons and key findings	Journal of Thermal Analysis and Calorimetry					3.1	10.1007/s10973-025-14439-7
2678	K., Veera Raghavulu, K.; E., Cuce, Erdem; N., Govindharasu, N.; P., Satish, Perabathula; S., Uppalapati, Sudhakar	Enhancing the coefficient of performance in vapour compression refrigeration systems with carbon nanotube lubricant additives: an experimental study	Journal of Thermal Analysis and Calorimetry					3.1	10.1007/s10973-025-14530-z
2679	M., Manuel, Merin; A., Parthiban, Angamuthu	A graph-theoretical approach to characterizing anaesthetic agents using topological indices and QSPR models	Computational Biology and Chemistry	119				3.1	10.1016/j.compbiolchem.2025.108544

2680	P., Kochuthakidiyel Suresh, Praveenkumar; Y., Venkatachalapathy, Yogalakshmi; G., Priya Doss C, George; S., Geminiganesan, Sangeetha; S., Ekambaram, Sudha; M.P., C.d, Mohana Priya	Molecular insights into steroid resistance in childhood nephrotic syndrome: Gene expression and prognostic miRNA signatures	Computational Biology and Chemistry	119				3.1	10.1016/j.compbiolchem.2025.108584
2681	C.M., Mohana, C. M.; B.R., Kumar, B. Rushi	Optimization of heat transfer in Al2O3-TiO2/water hybrid nanofluids: A semi-analytical approach	International Journal of Heat and Fluid Flow	116				3.1	10.1016/j.ijheatfluidflow.2025.109976
2682	L.N., Boggavarapu, L. N.P.; V., Radhesyam, V.; P., Manoharan, Prabukumar; A., L, Agilandeeswari; S., V, Sangeetha	Band selection using oppositional whale optimization for hyperspectral image classification	Vibrational Spectroscopy	139				3.1	10.1016/j.vibspec.2025.103830
2683	D.S., Nair, Divya S.; T., Meena, T.	Effect of Steel Fibers on Shear Carrying Capacity of Rubberized Geopolymer Concrete Beams	Buildings	15	13			3.1	10.3390/buildings15132248

2684	M., Pasupuleti, Muniraja; S.M., Satapathy, Shashank Mouli	Unleashing the power of untuned large language models in recommender systems: a thorough investigation of current approaches, challenges, and future research directions	Knowledge and Information Systems					3.1	10.1007/s10115-025-02539-7
2685	K.U., Yazar, K. U.; V.K., Barnwal, Vivek Kumar; A.K., Saxena, A. K.; A.K., Kanjarla, Anand K.; P.P., Date, Prashant P.; K., Narasimhan, Krishnaiyengar	The role of through-thickness shear in single point incremental forming: a micromechanical perspective	International Journal of Advanced Manufacturing Technology					3.1	10.1007/s00170-025-16215-1
2686	B.S., Goud, B. Shankar; D., Krishnan, D.; P., Durgaprasad, P.; G., Dharmaiah, G.	Numerical simulations of radiative three-dimensional stretching regime by hybridized (Ag?CuO/Water) flow with chemical reaction and heat absorption	Journal of Thermal Analysis and Calorimetry					3.1	10.1007/s10973-025-14512-1
2687	D., R, Divya; K., Kandasamy, Karunanithi; R., S, Ramesh; R., S.p, Raja	Effective Energy Storage System Strategies?A Review	Journal of Thermal Analysis and Calorimetry					3.1	10.1007/s10973-025-14528-7
2688	R., Nasinathan, Rajesh; K., Rajaram, Kamatchi	Novel green-synthesized two-dimensional hexagonal boron nitride (EG/water) nanofluids: investigations on stability, thermophysical properties and contact angle	Journal of Thermal Analysis and Calorimetry					3.1	10.1007/s10973-025-14556-3

2689	V.V., Jain, V. Vanitha; M., Anabala, Madhu; D., Sharma, Deepak; M., Rajiniraja, Muniyan	Machine learning driven identification of therapeutic phytochemicals targeting Hepatocellular carcinoma	Computational Biology and Chemistry					3.1	10.1016/j.compbiolchem.2025.108608
2690	C., Padmavathy, Chandrasekaran; S.A., Lee, Seonjeong Ally; M., Pattusamy, Murugan; S.K., Roy, Sanjit Kumar	Determinants of customers? variety seeking intentions on mobile food ordering applications	Journal of Strategic Marketing					3.1	10.1080/0965254X.2025.2545869
2691	N., Vijayasarathi, N.; V., Ravindran, Vijay; C.K., Aravind, C. K.; R.P., Ponraj, Ram Prakash	Optimized power flow control in bidirectional converters for residential DC microgrids using DQN-based adaptive droop control	International Journal of Green Energy					3.1	10.1080/15435075.2025.2537732
2692	R., Kirubakaran, Ramraji; A., Sampath, Aravindh; V., Gopalan, Venkatachalam; H.K., Natchimuthu, Harish Kumar; S., Thirupathi, Suresh; R.D., Weerasooriya, Ruwan Dinesh	Experimental Analysis on Thermo Gravimetric and Thermal Conductivity Behaviors of Cocos nucifera-Reinforced Plasticized Polyvinyl Chloride Composites	Journal of Natural Fibers					3.1	10.1080/15440478.2025.2540488
2693	S.S., Regalla, Sathya Sai; N., Senthil Kumar, N.	Experimental investigations on performance efficiency characteristics of ultra-high-performance concrete (UHPC) with enhanced sustainable mineral admixtures	Journal of Structural Integrity and Maintenance					3.1	10.1080/24705314.2025.2538978

2694	V., Mahendrarajan, Venkatramanan; H.P.S., Lazarus, Huldah Pearlin Sarah; K.M., Gothandam, Kodiveri Muthukaliannan; S.S., Varghese, Sheeja Saji; N., Easwaran, Nalini	Membrane vesicles from Red Complex bacteria: key players in oral pathogenesis, immune disruption, systemic diseases, and therapeutic insights	Frontiers in Oral Health					3.1	10.3389/froh.2025.1607931
2695	K., Nivitha, K.; P., Pabitha, P.; R., Praveen, R.	CBBM-WARM: A Workload-Aware Meta-Heuristic for Resource Management in Cloud Computing	China Communications					3.1	10.23919/JCC.ja.2022-0665
2696	N., Poyyamozhi, Natesan; S.S., Kumar, S. Senthil; P., Renugadevi, Pandiyan; S., Gopinath, Soundararajan; R.A., Kumar, Rajesh A.J.; P., Prabhakar, Prajith	CFD analysis of thermal enhancement in salt gradient solar ponds using hybrid nanomaterials	Journal of Thermal Analysis and Calorimetry					3.1	10.1007/s10973-025-14698-4
2697	F.R., Castillo-Soria, Francisco R.; S., Macias-Velasquez, Sharon; K.V., Babu, Kumaravelu Vinoth; R., Victor, Ramos; C.A., Azurdia-Meza, Cesar A.	Multiple parallel RIS-assisted MU-MIMO-DQSM system: Blind and intelligent approaches	China Communications					3.1	10.23919/JCC.ja.2023-0695

2698	Gokulakrishnan, B.; Satishkumar, G.	Impact of Al and Mn doping on the catalytic activity of magnetite spinel for sulfamethoxazole degradation: kinetics and toxicity assessment	Environmental Science: Water Research and Technology	11	10	2363	2377	3.1	10.1039/d5ew00452g
2699	Kavitha, S.M.; Shenbagamuthuraman, V.; Vaibhav, N.H.; Sinha, S.; Manian, R.; G?ca, M.J.; Jambulingam, R.; Kasianantham, N.	Modeling and optimization of acid hydrolysis for spirulina-based ethanol production by response surface methodology and neural network techniques	Folia Microbiologica					3.1	10.1007/s12223-025-01363-4
2700	Felix, K.T.; Govindarajan, P.L.; Rashtrarakshak, V.P.	Optimizing resource use efficiency for sustainable paddy production in South India - a regional study	Frontiers in Sustainable Food Systems	9				3.1	10.3389/fsufs.2025.1665774
2701	Sindhu, T.; Jagadeeshkumar, K.; Subramanyam, R.A.	Unsteady MHD flow and entropy generation in carreau tetra-hybrid nanofluid over an inclined stretching surface with cattaneo?christov heat flux	Journal of Thermal Analysis and Calorimetry					3.1	10.1007/s10973-025-14850-0
2702	Bose, S.; Floris, A.; Rajendiran, M.; D?Aguanno, B.	When does a nanoparticle become a cluster?	Journal of Chemical Physics	163	16			3.1	10.1063/5.0280263
2703	Babu, A.S.; Rao, K.V.B.	A comprehensive review on antifungal compounds and biogenic nanoparticles from marine actinobacteria against opportunistic fungal infections	Folia Microbiologica					3.1	10.1007/s12223-025-01366-1

2704	Samrot, A.V.; Faradjeva, E.; Mohamed, A.A.; Sean, T.C.; Norbert, E.; Ng, X.Q.; Mun, C.Y.; Sze, C.H.; Arif, A.; Jie, L.S.; Cypriyana, J.; Saigeetha, S.; Angalene J, L.A.; Shree S, K.; Kumar, H.S.; Keerthika, V.	Extraction, Purification, Characterization, Applications of Chitosan, Plant Gum Polysaccharides, and Other Polysaccharides: A Review	Scientifica	2025	1			3.1	10.1155/sci5/9919005
2705	B, T.; S, S.L.	POLR2C, HIF1A, CD4, and CREB1 as the identified key regulators in geriatric insomnia: A comprehensive approach using systems biology and machine learning methods	Computational Biology and Chemistry	120				3.1	10.1016/j.compbiolchem.2025.108777
2706	Keresztes, B.; G?bi, S.; Csonka, I.P.; Ragupathy, G.; Schneiker, A.; Bazs?, G.; Tarczay, G.	A viable initiation step in the formation of Si-containing chains: The SiH4 + H reaction	Chemical Physics Letters	883				3.1	10.1016/j.cplett.2025.142515
2707	Lohia, N.; Achari, A.M.; Swati, G.; Sharma, S.N.	Facile One-Step Synthesis of Carbon Quantum Dots Via Hot Injection for High-Efficiency Dye Photodegradation	Journal of Fluorescence					3.1	10.1007/s10895-025-04630-2
2708	Mishra, T.; Vuppu, S.	Exploring the pharmacological potential of plant-based hand sanitizer composition: characterization, activity evaluation, and in silico assessment	Naunyn-Schmiedeberg's Archives of Pharmacology					3.1	10.1007/s00210-025-04669-9

2709	Subramanian, N.; Stonier, A.A.	A Comprehensive Review on Recent Advances in Insulation Materials and Pressboard Technologies for Power Transformers	IEEE Transactions on Dielectrics and Electrical Insulation					3.1	10.1109/TDEI.2025.3635099
2710	Balijepalli, R.; Valaparla, V.R.; Yuvaraju, B.A.G.	Numerical analysis of thermal energy storage effects on solar updraft tower performance with natural and forced draught	Journal of Thermal Analysis and Calorimetry					3.1	10.1007/s10973-025-15032-8
2711	Poornima, T.; Sreenivasulu, P.; Chamkha, A.J.	Activation energy-coupled entropy generation in radiative MHD nanofluid flow through porous media over a moving wedge	Journal of Thermal Analysis and Calorimetry					3.1	10.1007/s10973-025-15010-0
2712	Mishra, A.; Maiti, P.; Chatterjee, A.; Mishra, N.S.; Meikap, B.C.	Co-pyrolysis of rice stubble and waste motor oil for transformative biofuel generation	International Journal of Green Energy					3.1	10.1080/15435075.2025.2589332
2713	Senthamizh, R.; Anbarasan, P.	Urban agriculture in a changing world: a thematic review of global trends, innovations, governance, and pathways to sustainability	Frontiers in Sustainable Food Systems	9				3.1	10.3389/fsufs.2025.1624426
2714	Sharma, D.; Anabala, M.; Jain, V.V.; Shyam, M.; Prince, S.E.; Rajiniraja, R.	Computational Landscape in Drug Discovery: From AI/ML Models to Translational Application	Scientifica	2025	1			3.1	10.1155/sci5/1688637
2715	Thomas, J.; Kumar, R.; Satija, J.	Virtual reality and cheminformatics-driven discovery of a potential broad-spectrum natural antagonist against flaviviral methyltransferases and its cytotoxicity evaluation	Journal of Computer-Aided Molecular Design	40	1			3.1	10.1007/s10822-025-00720-2

2716	Manigandan, A.; Babu, D.H.; Venkateswarlu, B.; Narayana, P.V.S.; Misra, A.; Nayak, M.K.; Sarojamma, G.	Comparative analysis of heat transfer in hybrid nanofluid flow over an exponentially stretching sheet with variable fluid properties	Journal of Thermal Analysis and Calorimetry					3.1	10.1007/s10973-025-14849-7
2717	Samala, T.R.; Patil, K.S.; John, E.T.; Eerapagula, R.; Mahato, A.K.; Sen, P.	6-O-acetyldaidzen and frangulin B from Halodule uninervis as novel ?-amylase inhibitors: A molecular dynamics perspective	Computational Biology and Chemistry	121				3.1	10.1016/j.compbiolchem.2025.108848
2718	P, A.E.; Mohanavel, D.	Mathematical modelling and heat-mass transport analysis of a bioconvective Casson hybrid nanofluid in a stenosed artery	International Journal of Heat and Fluid Flow	118				3.1	10.1016/j.ijheatfluidflow.2025.110190
2719	Joshi, A.A.; Chaudhari, K.; Ragupathy, G.	Recent trends in heavy metal removal technologies from water: mechanisms and advancements	Environmental Science: Water Research and Technology					3.1	10.1039/d4ew01024h
2720	A N., Srivastava P.	Optimization of Small Droplet Lantana oil-based Nanoemulsion for Enhanced Curcumin Release	BioNanoScience	15	1			3	10.1007/s12668-024-01661-0
2721	Baburao G., Ragupathy G.	Weak molecular interactions of 1:1 Nitrile–Lewis base complexes: A theoretical perspective on nature of chemical bonding	Computational and Theoretical Chemistry	1244				3	10.1016/j.comptc.2025.115072

2722	Hernández-Pérez I., Rodriguez-Ake Á., Sauceda-Carvajal D., Hernández-López I., Kumar B., Zavala-Guillén I.	Experimental Thermal Assessment of a Trombe Wall Under a Semi-Arid Mediterranean Climate of Mexico	Energies	18	1			3	10.3390/en18010185
2723	Naz S., R T.	Influence of injection/suction and transient pressure gradient on the Brinkman-type dusty magnetized fluid flow through a horizontal microchannel system	Journal of Thermal Analysis and Calorimetry					3	10.1007/s10973-024-13869-z
2724	Madiha Takreem K., Venkateswarlu B., Misra A., Satya Narayana P.V., Harish Babu D.	Optimization of heat transfer characteristics of Casson hybrid nanofluid flow over a porous exponentially elongating surface using RSM approach	Journal of Thermal Analysis and Calorimetry					3	10.1007/s10973-024-13840-y
2725	Karthika J.; Asha R.; Priyanka N.; Amshavalli R.	Integrating NMSA based advanced light-weight aggregated fusion channel network for robust tomato leaf disease detection	Multimedia Tools and Applications					3	10.1007/s11042-024-20336-2
2726	Palivela L.H.; Dharmalingam V.; Gayathri D.B.	Automatic text inpainting and quality elevation in video sequences	Multimedia Tools and Applications					3	10.1007/s11042-024-20189-9
2727	Rajinikanth S.B.; Rajkumar D.S.R.; Rajinikanth A.; Anandhapandian P.A.; Bhuvaneswarri J.	An overview of artificial intelligence based automated diagnosis in paediatric dentistry	Frontiers in Oral Health	5				3	10.3389/froh.2024.1482334
2728	Sujatha R.; Chatterjee J.M.; Pathy B.; Hu Y.-C.	Automatic emotion recognition using deep neural network	Multimedia Tools and Applications					3	10.1007/s11042-024-20590-4

2729	Saxena S.; Pandharkar B.M.; Sikarwar R.S.	Evaluating critical SZW and its variation using curved CT specimens used in pressure tubes material testing of nuclear reactor	International Journal of Pressure Vessels and Piping	214				3	10.1016/j.ijpvp.2025.105446
2730	Faaiza Naaz K.; Shaik A.H.; Balaji L.; Madhumalathi D.; Sultana S.; Chandan M.R.	Biofilm Inhibition and Antimicrobial Properties of Biosynthesized Biosurfactant and Biosurfactant-Coated ZnO Nanoparticles Using Baker's Yeast (Saccharomyces cerevisiae)	BioNanoScience	15	2			3	10.1007/s12668-025-01831-8
2731	Reddy A.K.V.K.; Narayana K.V.L.	Social group optimization: a-state-of-the-art review	Multimedia Tools and Applications					3	10.1007/s11042-025-20607-6
2732	Immanuel H.J.; Ponniah M.; Balasubramanian S.; Nallamuthu P.; Sundaram S.; Abay Lema Y.; Srinivasan M.	Unlocking the potential of FeNbGe Half Heusler: stability, electronic, magnetic and thermodynamic properties	Zeitschrift fur Physikalische Chemie					3	10.1515/zpch-2024-0759
2733	Reddy A.S.; M.P G.	Skin cancer detection using optimized mask R-CNN and two-fold-deep-learning-classifier framework	Multimedia Tools and Applications					3	10.1007/s11042-024-20377-7
2734	Chukka V.; Padigepati N.; Chitteti R.	Numerical exploration of thermal dispersion effect on non-Darcian flow of nanofluid along convectively heated truncated cone	Journal of Thermal Analysis and Calorimetry					3	10.1007/s10973-024-13870-6
2735	V A.; V P.; Kumar D.	An effective object detection via BS2ResNet and LTK-Bi-LSTM	Multimedia Tools and Applications					3	10.1007/s11042-024-20433-2

2736	Anbu S.; Arunkumar P.; Kamatchi R.; Chellappan M.	Investigation of convective heat transfer in helically corrugated tubes with inserts using nanofluids	Journal of Thermal Analysis and Calorimetry					3	10.1007/s10973-025-13999-y
2737	Koteshwaramma T.; Singh K.S.; Nayak S.	The Performance of a High-Resolution WRF Modelling System in the Simulation of Severe Tropical Cyclones over the Bay of Bengal Using the IMDAA Regional Reanalysis Dataset	Climate	13	1			3	10.3390/cli13010017
2738	Arivarasi A.; Srinivasan R.; Rajeswari D.; Govindasamy A.	Effortless learning: leveraging summarization and tabulation for automated note making	Multimedia Tools and Applications					3	10.1007/s11042-024-20266-z
2739	Vigneshwari S.; Reddappa B.; Sumithra A.; Kumar B.R.; Öztop H.F.	Thermal and flow dynamics of unsteady MHD nanofluid convection in a partially heated porous cavity	Journal of Thermal Analysis and Calorimetry					3	10.1007/s10973-025-14025-x
2740	Nancy A.M.; Maheswari R.	Brain tumor segmentation and classification using transfer learning based CNN model with model agnostic concept interpretation	Multimedia Tools and Applications	84	5	2509	2538	3	10.1007/s11042-024-20353-1
2741	G K.; R M.	Early prediction of diabetics using three-layer classifier model and improved dimensionality reduction	Multimedia Tools and Applications					3	10.1007/s11042-025-20632-5
2742	Devadason J.R.; D A.	A comprehensive survey of image compression methods: from prediction models to advanced techniques	Multimedia Tools and Applications					3	10.1007/s11042-025-20687-4

2743	Geetha D.; Gupta D.	Electron and positron impact ionization cross sections of neutral molecular species dissociating from C4F7N and its mixtures	Computational and Theoretical Chemistry	1248				3	10.1016/j.comptc.2025.115148
2744	Divya A.; Karunyan A.	Topological analysis of metal–organic frameworks: A regression approach to enhance molecular modeling	Computational and Theoretical Chemistry	1248				3	10.1016/j.comptc.2025.115156
2745	Gavali P.; Banu J.S.	A novel approach to Indian bird species identification: employing visual-acoustic fusion techniques for improved classification accuracy	Frontiers in Artificial Intelligence	8				3	10.3389/frai.2025.1527299
2746	Zaveri J.; Dhanushkodi S.R.; Fowler M.W.; Peppley B.A.; Taler D.; Sobota T.; Taler J.	Development of Deep Learning Simulation and Density Functional Theory Framework for Electrocatalyst Layers for PEM Electrolyzers	Energies	18	5			3	10.3390/en18051022
2747	Yadav M.K.; Shukla R.; Xi L.; Wang Z.; Prashanth K.G.	Metallic Multimaterials Fabricated by Combining Additive Manufacturing and Powder Metallurgy	Journal of Composites Science	9	2			3	10.3390/jcs9020080
2748	Tharik M.; Vijayaraghavalu S.S.	Imprints of seawater intrusion on groundwater quality of coastal region of Pudukkottai district, India: An integrated approach	Environmental Engineering Research	30	2			3	10.4491/eer.2024.065
2749	Pendharkar G.; Balaji S.; Kumar B.M.; Malathi G.	Imbalanced multilabel retinal disease classification using threshold moving and ensemble learning	Multimedia Tools and Applications					3	10.1007/s11042-025-20764-8

2750	Rajendran S.; Surabhi R.P.; Kumar A.S.; Gopinath P.; Kanakaveti V.; Shanmugasundaram G.; Michael Gromiha M.; Rayala S.K.; Venkatraman G.	P21-Activated Kinase 1 (PAK1) Modulates Therapeutic Response to Ionizing Radiation in Head and Neck Squamous Cell Carcinoma Cells	Molecular Carcinogenesis					3	10.1002/mc.23902
2751	Singh N.K.; Kashyap G.	A note on stability of neutron star and cosmological constant	Annals of Physics	478				3	10.1016/j.aop.2025.170029
2752	Salim P.; Mandal A.K.A.	Theaflavins-Loaded Liposome Ameliorates the Adjuvant-Induced Arthritis in Wistar Albino Rats	BioNanoScience	15	2			3	10.1007/s12668-025-01901-x
2753	Kagitha B.S.N.K.; Ghosh K.; Chakraborty U.	Design and performance analysis of a DNG metamaterial-enhanced underwater MIMO antenna array for reliable underwater communication	AEU - International Journal of Electronics and Communications	196				3	10.1016/j.aeue.2025.155772
2754	Pirouz B.; Naghib S.N.; Kontoleon K.J.; Bibin B.S.; Javadi Nejad H.; Piro P.	Investigation of the Interaction of Water and Energy in Multipurpose Bio-Solar Green Roofs in Mediterranean Climatic Conditions	Water (Switzerland)	17	7			3	10.3390/w17070950
2755	Gupta D.; Shukla P.K.; Chowdhury S.; Kumari S.; Kaur P.; Kumar M.	“Exploration of Novel Anticancerous Agents Targeting Human Aurora Kinase C”	Journal of Cellular Biochemistry	126	3			3	10.1002/jcb.70025

2756	Rashad A.M.; Bala Anki Reddy P.; Priya M.; Mansour M.A.; Abdelrahman Z.M.; Nabwey H.A.	Radiative effects on magneto-natural convection flow in an inclined wavy porous cavity using micropolar hybrid nanofluid containing a heated circular obstacle	Journal of Thermal Analysis and Calorimetry					3	10.1007/s10973-025-14090-2
2757	Rahman P M.; Akhtar S.; Babar Khan S.; Khan M.; Manoharan M.; Afjal M.	Driving efficiency through innovation: exploring dynamic capabilities in Indian manufacturing small and medium scale enterprise	Cogent Business and Management	12	1			3	10.1080/23311975.2025.2485402
2758	Sharma H.; Pandya C.; Mathivathanan L.; Sinha A.; Sivaramakrishna A.; Pathak M.	Synthesis and Crystal Structures of β-Diketonate-Associated Aluminum Complexes as Potential Catalysts for the Ring-Opening Polymerization of ε-Caprolactone	ChemPlusChem					3	10.1002/cplu.202400716
2759	Bashaveni B.; Pannem R.M.R.	Prediction of self-healing ability and compressive strength of bacterial-based self-healing concrete using direct method of ultrasonic pulse velocity test	Nondestructive Testing and Evaluation					3	10.1080/10589759.2025.2482862
2760	Raj N.; Awasthi A.; Sagar; Deepthi P.; Dan S.S.	Emulation of versatile tunable universal mem-elements design and its application	AEU - International Journal of Electronics and Communications	197				3	10.1016/j.aeue.2025.155838
2761	Kumar S.S.; Vinod Kumar R.S.; Subbulekshmi D.	A Review of U-Net-Based Deep Learning Models for Skin Lesion Segmentation	International Journal of Imaging Systems and Technology	35	3			3	10.1002/ima.70107

2762	Kamaraj B.; C G.P.D.	Theoretical investigation of AKT1 mutations in breast cancer: a computational approach to structural and functional insights	Journal of Computer-Aided Molecular Design	39	1			3	10.1007/s10822-025-00601-8
2763	Tantry M.M.; Naveen P.	Aggregation kinematics on gold nanoparticles in radiating viscoelastic second-grade fluid flow with Thomson and Troian velocity slip condition	Journal of Thermal Analysis and Calorimetry					3	10.1007/s10973-025-14009-x
2764	Sharma P.; Kiron S.P.; Aju D.; Lal A.M.	An enhanced security framework for secured transfer of DICOM images by ensuring the CIA triad	Multimedia Tools and Applications					3	10.1007/s11042-025-20849-4
2765	Pal P.; Choudhary D.K.; Mahto S.K.	High gain dielectric resonator filtering antenna for 6G applications	AEU - International Journal of Electronics and Communications	197				3	10.1016/j.aeue.2025.155835
2766	Ramamurthy A.; Kumarasamy S.; Masilamani D.	Probing the molecular and electronic structures of higher transition metal carbonyls [Ru(CO)4SiX] (X = O, S, Se, Te): A DFT study	Computational and Theoretical Chemistry	1249				3	10.1016/j.comptc.2025.115269
2767	Panda T.; Swamy T.N.V.R.L.	Mapping the evolution of employee creativity and innovation in the sphere of business and management: a bibliometric analysis in the early 21st century	Cogent Business and Management	12	1			3	10.1080/23311975.2025.2503425

2768	Kumar M.P.; Murugan B.S.	Explainable Weakly Supervised Deep Learning Model for Anomaly Classification and Localization in Wireless Capsule Endoscopy Images	International Journal of Imaging Systems and Technology	35	3			3	10.1002/ima.70121
2769	Mansoor Hussain D.; Benazir Begum A.; Karthikeyan N.	Streamlined attention for insect pest classification: leveraging FSAN	Multimedia Tools and Applications					3	10.1007/s11042-025-20954-4
2770	Thayyib P.V.	Tax avoidance strategies under radar: policy considerations on U.S. multinational corporations operating in emerging markets	Cogent Business and Management	12	1			3	10.1080/23311975.2025.2507236
2771	Parikh D.; Karthikeyan A.; Ravi V.; Shibu M.; Singh R.; Sofana R.S.	IoT and ML-driven framework for managing infectious disease risks in communal spaces: a post-COVID perspective	Frontiers in Public Health	13				3	10.3389/fpubh.2025.1552515
2772	Krithika Alias Anbu Devi M.; Suganthi K.	A Convolutional Mixer-Based Deep Learning Network for Alzheimer's Disease Classification from Structural Magnetic Resonance Imaging	Diagnostics	15	11			3	10.3390/diagnostics15111318
2773	Ji Y.; Tao M.J.; Mair L.O.; Singh A.K.; Fang Y.; Rajendran S.; Beechem T.E.; Warsinger D.M.; Moran J.L.	Degradation of 1,4-Dioxane by Au/TiO2 Janus Nanoparticles Under Ultraviolet Light: Experiments and Modeling	Water (Switzerland)	17	11			3	10.3390/w17111708

2774	M., Ulaganambi, Megala; K.K.R., Tetala, Kishore Kishore R.	Fabrication of Gold Nanoparticle Incorporated Bimetallic Metal Organic Framework Electrode for Direct, Sensitive and Selective Detection of Ochratoxin A from Food Samples	Food Analytical Methods					3	10.1007/s12161-025-02850-7
2775	G., Wadhwa, Gitanjali; Y., Natarajan, Yuvaraj; K.R., Sri Preethaa, K. R.; M.P., Gopinath, M. P.; M.S., Devi, M. Shyamala	Federated learning for sustainable IoT appliance load monitoring at the edge devices	Discover Sustainability	6	1			3	10.1007/s43621-025-01409-0
2776	A., Venkataraman, Anirudh; D.R., A, Dunstan Rajkumar	What fuels stakeholder impact on sustainability: a fuzzy DEMATEL analysis of the leather supply chain ecosystem	Discover Sustainability	6	1			3	10.1007/s43621-025-01428-x
2777	J., Augustine, Joel; J., Abraham, Jayanthi	Utilization of Schizophyllum commune for the biodegradation of chlorhexidine gluconate and Benzalkonium chloride: an innovative approach to environmental remediation	Discover Sustainability	6	1			3	10.1007/s43621-025-01453-w

2778	R., Arumuga Arun, R.; K., Katara, Karthik; Y., Selvaraj, Yoganand; R., Sundarasamy, Ranjithkumar	Classifying and Detecting Live Insects with Computationally Effective Deep Learning Object Detection Models	International Journal of Computational Intelligence Systems	18	1			3	10.1007/s44196-025-00885-6
2779	R., Ravichandran, R.; E., Parasuraman, E.; D., Karthigaimuthu, Dharmalingam; M., Ruby Raj, Michael	Nonlinear transmission of collisional solitons in ferromagnetic nanowires with Dzyaloshinskii�Moriya interaction	Journal of Magnetism and Magnetic Materials	629				3	10.1016/j.jmmm.2025.173329
2780	G.K.K., Louis, Gerome Karthic Kumar; G.K., Chithra, Gandhapodi K.	An interpretative phenomenological analysis of male body image through the lived experiences of men in India	BMC Psychology	13	1			3	10.1186/s40359-025-02963-y
2781	M.I., Shafiq, Muhammad Imtiaz; L., Ren, Lijing; D., Zhang, Denghui; A., Aljuhani, Ahamed; G., Thippa Reddy, G.	Enhancing Data Security & Resource Efficiency in Resource-Limited AIoT Systems	Human-centric Computing and Information Sciences	15		1	14	3	10.22967/HCIS.2025.15.042
2782	G., Surya, G.; P., Anbarasan, P.; null	A digitizing craftsmanship: a comparative study of traditional vs. SDF-based shoe last making using 3D scanning and computer numerical control technologies	Frontiers in Mechanical Engineering	11				3	10.3389/fmech.2025.1610798

2783	R., Patel, Raju; M.S., Adhikari, Manoj Singh; D., Bansal, Deepak; T., Majumder, Tanmoy	Fabrication of Air Cavity Structures Using DRIE for Acoustic Signal Confinement in FBAR Devices	Micromachines	16	6			3	10.3390/mi16060647
2784	W.E., Agbesi, W. E.K.; L.K., Sam-Amoah, Livingstone Kobina; R.O., Darko, Ransford Opoku; F., Kumi, Francis; G.F., Boafo, George Frimpong	Numerical Models for Predicting Water Flow Characteristics and Optimising a Subsurface Self-Regulating, Low-Energy, Clay-Based Irrigation (SLECI) System in Sandy Loam Soil	Water (Switzerland)	17	14			3	10.3390/w17142058
2785	C., Narendhar, Chandrasekar; P.S., Alexander, Pinky Steffi; P.T.T., Pham, Phuong Thi Thu; B., Ramachandran, Balaji; D.R., Nivedha, D. R.; N., Shekar, Nivruthi; M., Muraleetharan, Madhumita; S.K., Kiran, Sarigamala Karthik; M.T., Hwang, Michael Taeyoung	Exploring the Potential of MXenes for Biomedical and Environmental ApplicationsAn Abridged Review	Luminescence	40	7			3	10.1002/bio.70238
2786	A., Prasanna, Akshara; B.P., Kushwaha, Bijay Prasad	Generative AI in Marketing: Foundations, Trends, and Future Research Propositions	Human Behavior and Emerging Technologies	2025	1			3	10.1155/hbe2/5542513

2787	F., Suhail, Fatima; A., Das, Amrit	An integrated recycling facility selection using neutrosophic TOPSIS for sustainable biomedical waste management	Environmental Monitoring and Assessment					3	10.1007/s10661-025-14341-7
2788	S., Jayachandran, Sheela; A., Shivampeta, Aparna; C., Ravindra, Chaya; M.A., Moharram, Mohammed Abdulmajeed; D.M., Sundaram, Divya Meena; S.N., Mohanty, Sachi Nandan	Enhanced hyperspectral image classification with optimized band selection and Resnext maxout network	Earth Science Informatics					3	10.1007/s12145-025-01968-w
2789	K., Balasubramanian, K.; S., Senthilkumar, S.; N., Kopperundevi, N.; S., Sivakumar, S.	Development of an IoT-based MANET for Healthcare Monitoring System Using Data Loss Aware Routing Protocol	International Journal of Computational Intelligence Systems					3	10.1007/s44196-025-00896-3
2790	S., Chakraborty, Sarit; T., Majumder, Tanmoy; S., Kumar, Saurabh; S., Roy, Sritama	Magnetic and thermal modulation of DC-AC electrical properties in Zn0.3Ni0.7Fe2O4 nanoparticles	Journal of Magnetism and Magnetic Materials					3	10.1016/j.jmmm.2025.173427
2791	A.R., Menon, Amrutha R.; N.K., Sahu, Niroj Kumar	Magnetic, electrical and induction heating properties of magnetite/hematite mixed phase nanoparticles	Journal of Magnetism and Magnetic Materials					3	10.1016/j.jmmm.2025.173432

2792	C., Anbumalar, C.; B., Sahayam D, Binu	Translation and psychometric properties of the tamil version of the smartphone addiction scale? short version (SAS-SV-T) among adolescents: measurement invariance across gender	BMC Psychology					3	10.1186/s40359-025-03153-6
2793	A.A., Manoharan, Ajay Adithya; R., Geetha, R.; S., Sundar, S.	A bibliometric review exploring the nexus between sustainability and food entrepreneurship	Discover Sustainability					3	10.1007/s43621-025-01588-w
2794	P., Mehta, Prashant; R., C, Reshma; A., Polisetty, Aruna; S., P G, Suraj	A systematic review on decent work through automation	Discover Sustainability					3	10.1007/s43621-025-01720-w
2795	S., Mohiyuddin, Shanid; P., Dipankar, Pankaj; B., Robinson, Belfin; A., Jeyabose, Andrew; K., Jayaraman, Karthikeyan	Therapeutic and diagnostic implications of exosomes as natural nanoparticles: a new paradigm in brain cancer disease management	Frontiers in Medicine					3	10.3389/fmed.2025.1599392
2796	S., Kaushal, Shagun; S., Bhattacharya, Sourav	Entanglement generation between Unruh?DeWitt detectors in the de Sitter spacetime ? Analysis with complex scalar fields	Annals of Physics					3	10.1016/j.aop.2025.170235
2797	J., Joseph, Jenifer; S.K., Pasha, Shaik Khadheer	Absorption-Dominant EMI Shielding Material: A Study on PVDF/PMMA/ZrO2 Polymer Nanocomposite Films	Polymer-Plastics Technology and Materials					3	10.1080/25740881.2025.2556296

2798	M., Jyothimurugan, Mohan; S., Pavithra, S.; D.R., Johnson, Deepika Roselind	Efficient underwater ecological monitoring with embedded AI: detecting Crown-of-Thorns Starfish via DCGAN and YOLOv6	Frontiers in Marine Science					3	10.3389/fmars.2025.1658205
2799	N.K., Sishu, Nayan Kumar; C.I., Selvaraj, Chinnadurai Immanuel; K.P., Arunachalam, Krishna Prakash; H.C., Murthy, H. C.Ananda	Therapeutic potential of Anamirta cocculus (L.) Wight & Arn. leaf aqueous extract-mediated biogenic gold nanoparticles	Green Processing and Synthesis					3	10.1515/gps-2025-0073
2800	U., Priyadharshini, U.; V., Ramaraj, Vijayan	An Ontology-Based Approach for Heart Disease Prediction Leveraging Decision Trees in Healthcare	International Journal of Computational Intelligence Systems					3	10.1007/s44196-025-00960-y
2801	M., Raja, M.; A.J., Reddy, A. Jayaram	A Novel Approach for Diagnosis of Osteoporosis Integrating Clinical Decision Support with Generative Adversarial Networks	International Journal of Computational Intelligence Systems					3	10.1007/s44196-025-00846-z
2802	A.; U.S.; Dey, P.; Celin, S.M.; D.B.; A.; Osborne, W.J.	Biodegradation of 2,4,6-trinitrotoluene by Biofilm Forming and Plant Growth Promoting Burkholderia gladioli: An Approach Towards Degradation Pathway Prediction	Water, Air, and Soil Pollution	237	1			3	10.1007/s11270-025-08644-1
2803	Krishna, S.S.; Reka, S.S.	Early Detection of Retinopathy of Prematurity Using Voting Classifier-Based Ensemble Deep Learning Models	International Journal of Computational Intelligence Systems	18	1			3	10.1007/s44196-025-00847-y

2804	Banupriya, N.; Neelakandan, N.; Prakash, M.; Sambath, S.	ERP Insights and Truncated SVD in Conjunction with Dual-Tree Complex Wavelet Transform and Multi-View Hypergraph Neural Networks for Cognitive Distortion Analysis	International Journal of Computational Intelligence Systems	18	1			3	10.1007/s44196-025-01005-0
2805	Barman, K.K.; Saha, S.; Zheng, S.	Flexural wave interaction with compressive floating ice over undulating porous bed	Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences	481	2323			3	10.1098/rspa.2025.0067
2806	Varun Teja, K.; Meena, T.; Krishna, M.V.N.	Performance and Integrity of Calcined Perlite Concrete at Varied Thermal Conditions: Mechanical and Microstructural Insights	Journal of Materials in Civil Engineering	37	12			3	10.1061/JMCEE7.MTENG-21053
2807	Yogeshvaran, K.; Moses, M.; Saravana Kumar, R.; Lino, L.	Investigating the impact of gate side wall on DC and RF performance in enhancement mode Triple Barrier Dual Spacer Dual Channel MIS-HEMT device	Micro and Nanostructures	209				3	10.1016/j.micrna.2025.208397
2808	Aswini, S.; Asha Devi, S.	Exploring the impact of SNPs rs2476601, rs2488457, and rs33996649 on PTPN22 expression, structure, and anti-CCP level in rheumatoid arthritis of the Indian population: a case-control and computational study	Frontiers in Medicine	12				3	10.3389/fmed.2025.1688505

2809	Lawrence, S.; Bhathmanabhan, S.	Evaluating machine learning models and imputation strategies for Air Quality Index forecasting in urban India	Environmental Monitoring and Assessment	197	12			3	10.1007/s10661-025-14700-4
2810	S.S.; S.S.; S, S.; Itapu, S.; Borra, V.	Reconfigurable photonic crystal filter with high transmission Covering E-L bands and potential for DWDM applications	Results in Optics	21				3	10.1016/j.rio.2025.100924
2811	Chandra, N.P.; Subashini, R.	Mapping the landscape of sustainable development in the pharmaceutical industry a bibliometric analysis	Discover Sustainability	6	1			3	10.1007/s43621-025-02010-1
2812	Murugesan, M.; Meher, S.R.	Chemiresistive gas sensors based on TiO2 polymorphs ? challenges, opportunities, and future outlook: A comprehensive review	Micro and Nanostructures	209				3	10.1016/j.micrna.2025.208430
2813	Adithya, M.A.; Geetha, R.; Sundar, S.; Varghese, M.A.; Velmurugan, P.R.	Bibliometric analysis of the evolution of smart factories and sustainable manufacturing in Industry 4.0	Discover Sustainability	6	1			3	10.1007/s43621-025-02034-7
2814	Nandhini, S.; Sowmya, G.	Advancing green entrepreneurship: bibliometric insights into sustainable innovation and global collaboration	Discover Sustainability	6	1			3	10.1007/s43621-025-01230-9
2815	Mondal, S.; Khan, M.; Tiwari, S.C.; Afjal, M.; Rakshit, D.	Does sustainability influence shareholder value creation through inorganic growth? Evidence from metals and mining industry of India	Discover Sustainability	6	1			3	10.1007/s43621-025-01957-5

2816	Ambrosious, J.J.; Kandasamy, J.; Karuppiah, K.; Rayhan, M.G.S.	Evaluation of barriers to circular economy practices in municipal plastic waste management	Discover Sustainability	6	1			3	10.1007/s43621-025-02120-w
2817	Raj, R.; Moparthi, S.; Kumar, A.; Tiwari, P.K.; Srinivas, P.S.T.N.	Computational investigation of trapezoidal channel profiles in Gate-All-Around (GAA) FETs for digital performance	Micro and Nanostructures	211				3	10.1016/j.micrna.2025.208523
2818	T.; Loganathan, L.	Multi-class land use/land cover classification using multiple encoder attention on attention for hyperspectral images	Earth Science Informatics	19	1			3	10.1007/s12145-025-02057-8
2819	Santhiya, P.; Kogilavani, K.; Rajalakshmi, R.; Krishnamoorthy, N.	Cross-modal Synergy for Enhancing Emotion Recognition Through Integrated Audio?Video Fusion Techniques	International Journal of Computational Intelligence Systems	18	1			3	10.1007/s44196-025-00811-w
2820	ArunKumar, G.; Deepa, A.	Encapsulation of carbonyl iron particles with LSR/2-methylimidazole for thermal stability and corrosion resistance enhancement.	Journal of Magnetism and Magnetic Materials	637				3	10.1016/j.jmmm.2025.173694
2821	A.; Rangaswamy, G.	Mapping the research landscape: a bibliometric study on green entrepreneurship and sustainability	Discover Sustainability	6	1			3	10.1007/s43621-025-02044-5
2822	Saha, G.; Priya, A.K.; Natarajan, N.	Airborne Microplastics and its Impact to Environmental Health	Water, Air, and Soil Pollution	237	4			3	10.1007/s11270-025-08898-9

2823	Mataghare B.C., Bhagat P.R.	Exploring a metal/base-free porphyrin involving a carboxyl-functionalized pyridine moiety for photocatalytic N-arylation of benzamide validated using RSM	Organic and Biomolecular Chemistry					2.9	10.1039/d4ob01707b
2824	Davis D., Sen Gupta B.	Kinetics of vapor-liquid and vapor-solid phase separation under gravity	Soft Matter					2.9	10.1039/d4sm01055h
2825	Jaipriya D., Sriharipriya K.C.	Parallel convolutional neural network and empirical mode decomposition for high accuracy in motor imagery EEG signal classification	PLoS ONE	20	1			2.9	10.1371/journal.pone.0311942
2826	Devi Soorya Narayana S., Sundararajan V.	Gene expression analysis reveals mir-29 as a linker regulatory molecule among rheumatoid arthritis, inflammatory bowel disease, and dementia: Insights from systems biology approach	PLoS ONE	20	1			2.9	10.1371/journal.pone.0316584
2827	Bhat M.; Sankar A.R.; Ghosh K.; Gnanasekaran R.	Revisiting the electron transfer pathways between amicyanin and cytochrome c from a theoretical perspective	Physical Chemistry Chemical Physics					2.9	10.1039/d4cp04465g
2828	Raju A., Jothish S., Sakthivel K., Mishra S., Gana R.J., Kikushima K., Dohi T., Singh F.V.	Recent advances in metal-catalysed oxidation reactions	Royal Society Open Science	12	1			2.9	10.1098/rsos.241215

2829	Deo L., Osborne J.W., Benjamin L.K.	Harnessing microbes for heavy metal remediation: mechanisms and prospects	Environmental Monitoring and Assessment	197	1			2.9	10.1007/s10661-024-13516-y
2830	Sevugan P.; Rudhrakoti V.; Kim T.-H.; Gunasekaran M.; Purushotham S.; Chinthaginjala R.; Ahmad I.; Kumar A.	Class-aware feature attention-based semantic segmentation on hyperspectral images	PLoS ONE	20	02-Feb			2.9	10.1371/journal.pone.0309997
2831	Chakraborty P.; Saha S.; Deco G.; Banerjee A.; Roy D.	Contributions of short- and long-range white matter tracts in dynamic compensation with aging	Cerebral Cortex	35	2			2.9	10.1093/cercor/bhae496
2832	S A.; Giri A.	Mechanical and microstructural studies on the Inconel718-SDSS2507 A-TIG dissimilar welded joints	International Journal of Advanced Manufacturing Technology					2.9	10.1007/s00170-025-15248-w
2833	Muniswamy A.; Rathi R.	Trust-Based Consensus and ABAC for Blockchain Using Deep Learning to Secure Internet of Things	Applied Artificial Intelligence	39	1			2.9	10.1080/08839514.2025.2459461
2834	Venugopal A.; Sudhagar E.; Rajamohan V.; Suresh V.; Karthikeyan N.; Naveen J.	The impact of graphene reinforcement on z-pin and adhesively bonded composite for enhancing flexural strength of co-cured single lap joints	Journal of Adhesion					2.9	10.1080/00218464.2025.2462223
2835	Thangamani G.; Tamang S.K.; Patel M.S.; Narayanan J.A.; Pallagani J.; Rose P.; Gianchandani P.K.; Thirugnanasambandam A.; Anand P.I.	Post-processing treatment of Wire Arc Additive Manufactured NiTi shape memory alloy using laser shock peening process: a study on tensile behavior and fractography analysis	International Journal of Advanced Manufacturing Technology					2.9	10.1007/s00170-025-15058-0

2836	Sekar M.; Sreedharan R.; Premkumar E.; Purushothaman R.; Gandhi T.	An expedient ruthenium(ii) catalyzed multicomponent access to phthalazinones bearing trisubstituted alkenes	Organic and Biomolecular Chemistry					2.9	10.1039/d4ob01890g
2837	Kumar U.; Subudhi P.; Punetha D.	Synergistic Enhancement of Carrier Dynamics in Eco-Friendly Perovskite Solar Cells through Fluorinated Iodide Additive-Induced Crystallographic and Interface Modifications	Advanced Theory and Simulations					2.9	10.1002/adts.202401268
2838	Gadag V.; Singh S.; Khatri A.H.; Mishra S.; Satapathy S.K.; Cho S.-B.; Chowdhury A.; Pal A.; Mohanty S.N.	Improving myocardial infarction diagnosis with Siamese network-based ECG analysis	PLoS ONE	20	01-Jan			2.9	10.1371/journal.pone.0313390
2839	Nalliboyina K.; Ramachandran S.	Low-power artificial neuron networks with enhanced synaptic functionality using dual transistor and dual memristor	PLoS ONE	20	01-Jan			2.9	10.1371/journal.pone.0318009
2840	Das S.; Choudhury B.; Maiti B.; Chanda K.	Ionic-liquid-supported copper-promoted synthesis of 3,5-disubstituted-1,2,4-triazoles	Organic and Biomolecular Chemistry	23	8	2000	2009	2.9	10.1039/d4ob01625d
2841	Theivendren P.; Pavadai P.; Veerachamy S.; Palanisamy P.; Kunjiappan S.	Surface receptor-targeted protein-based nanocarriers for drug delivery: advances in cancer therapy	Nanotechnology	36	12			2.9	10.1088/1361-6528/adad7a

2842	Murugan H.; Ramamoorthy M.	Investigation of vibration-induced fatigue on composite sandwich beam with GFRP laminate and PLA honeycomb stiffened core	Mechanics Based Design of Structures and Machines					2.9	10.1080/15397734.2025.2472230
2843	Vanaja C.B.; Prakasam P.	Convolutional block attention gate-based Unet framework for microaneurysm segmentation using retinal fundus images	BMC Medical Imaging	25	1			2.9	10.1186/s12880-025-01625-0
2844	Balaji P.; Priya M.N.; Bhaskar E.M.; Gnanasambandan R.; Paul S.F.D.; Magesh R.	Targeting beta-lactamase activity with Oxacyclohexadecan-2-one in carbapenem-resistant uropathogenic E. coli: A molecular simulation approach	PLoS ONE	20	02-Feb			2.9	10.1371/journal.pone.0317941
2845	Vanitha K.; Mahesh T.R.; Kumar V.V.; Guluwadi S.	Enhanced tuberculosis detection using Vision Transformers and explainable AI with a Grad-CAM approach on chest X-rays	BMC Medical Imaging	25	1			2.9	10.1186/s12880-025-01630-3
2846	Srivastava N.; Ravi L.; Devarajan M.; Kachapilly A.J.; Bantupalli J.; Roy S.	Exploring Healthcare and Public Health Implications via Temporal Analysis of Human–Virus Interactions Leveraging Adversarial Networks and Saliency Maps	Applied Artificial Intelligence	39	1			2.9	10.1080/08839514.2025.2476237
2847	Mario A J.S.; Alam P.	Study of SH-wave regulation through a multilayered model consisting of piezo, MTI, and anelastic plates	Mechanics Based Design of Structures and Machines					2.9	10.1080/15397734.2025.2477669

2848	Shajahan F.N.; Chinnathambi R.	Dynamical Analysis of Breast Cancer Progression with Noise Effects and Impulsive Therapeutic Interventions	Advanced Theory and Simulations					2.9	10.1002/adts.202401425
2849	Rithvik A.; Wadhavane S.; Rasool M.	Decoding poly (RC)-binding protein 1 (PCBP1), the underrated guard at the foothill of ferroptosis	Pathology, research and practice	266		155771		2.9	10.1016/j.prp.2024.155771
2850	Roy S.; Ramakrishnan L.P.; Vasudevan R.; Chandrasekaran S.	A critical review on printed electronics and its application	Nanotechnology	36	16			2.9	10.1088/1361-6528/adbcb4
2851	Manimaran R.	A comprehensive review of solar-assisted technologies in India for clean water and clean energy	Clean Energy	9	2	12	36	2.9	10.1093/ce/zkae093
2852	Rajeswari J.; Navaneethan S.; Sreedhar P.S.S.; Jagannath M.	Music interventions and obstructive sleep apnea: a brain connectivity analysis	BioMedical Engineering Online	24	1			2.9	10.1186/s12938-025-01382-9
2853	Jayaraman S.; Mahendran A.	CNN-LSTM based emotion recognition using Chebyshev moment and K-fold validation with multi-library SVM	PLoS ONE	20	04-Apr			2.9	10.1371/journal.pone.0320058
2854	Nallabelli S.P.; Sampath S.	Enhanced convolutional neural network accelerators with memory optimization for routing applications	PLoS ONE	20	04-Apr			2.9	10.1371/journal.pone.0320813
2855	Madavan R.; Beroual A.; Thirumurugan C.	Insulation Degradation Analysis on Electrical Machines under Fast and Repetitive Voltage Pulses: A Review	IEEE Transactions on Dielectrics and Electrical Insulation					2.9	10.1109/TDEI.2025.3561093

2856	Hussain M.S.; Ramalingam P.S.; Chellasamy G.; Yun K.; Bisht A.S.; Gupta G.	Harnessing Artificial Intelligence for Precision Diagnosis and Treatment of Triple Negative Breast Cancer	Clinical Breast Cancer					2.9	10.1016/j.clbc.2025.03.006
2857	Sowmeya V.G.; Sathiavelu M.	Biofilm dynamics in space and their potential for sustainable space exploration – A comprehensive review	Life Sciences in Space Research	44		108	121	2.9	10.1016/j.lssr.2024.08.006
2858	Kauser Sk H.; Anu V M.	Hybrid deep learning model for accurate and efficient android malware detection using DBN-GRU	PloS one	20	5	e0310230		2.9	10.1371/journal.pone.0310230
2859	Yildizhan S.; Mohanam A.; Jambulingam R.; Gavande V.; Lee W.-K.	Improvement of water absorption behavior and mechanical properties of woven jute fiber-reinforced epoxy composites with waste eggshell filler	Polymer International					2.9	10.1002/pi.6773
2860	Venkatachalam E.; Sundararajan D.	Study on the influence of volumetric energy density on densification, surface integrity, and microstructural properties of laser powder bed fusion fabricated 321 stainless steel parts	International Journal of Advanced Manufacturing Technology	138	3	1553	1574	2.9	10.1007/s00170-025-15606-8
2861	Mahalingam S.; Priyadharshini B.; Asutosh A.; Mishra M.	Assessment of PM2.5 deposition in the human respiratory tract from a hyperlocal dataset in Bhubaneshwar, India	Air Quality, Atmosphere and Health					2.9	10.1007/s11869-025-01743-2

2862	Radha K.; Karuna Y.	Latent space autoencoder generative adversarial model for retinal image synthesis and vessel segmentation	BMC Medical Imaging	25	1			2.9	10.1186/s12880-025-01694-1
2863	Kothandaraman M.; Ramalingam B.; Sheng K.; Verma A.; Dhagat U.; Parab P.; Mallavolu S.; Ganesh S.	Audio-visual source separation with localization and individual control	PLoS ONE	20	05-May			2.9	10.1371/journal.pone.0321856
2864	Subbarayudu C.; Kubendiran M.	Segmentation-based lightweight multi-class classification model for crop disease detection, classification, and severity assessment using DCNN	PLoS ONE	20	05-May			2.9	10.1371/journal.pone.0322705
2865	Mukherjee A.G.; R K.; Gopalakrishnan A.V.	Recent advances in CRISPR technology in the milieu of oral squamous cell carcinoma	Pathology, research and practice	269		155860		2.9	10.1016/j.prp.2025.155860
2866	Palanisamy B.; Mandal A.K.A.	Unlocking the potential: Receptor-mediated targeted drug delivery in cancer therapy	Pathology, research and practice	270		155955		2.9	10.1016/j.prp.2025.155955
2867	Vijayan L.; Sucharitha G.	Electroosmotic Effects on Peristaltic Transport of Ree-Eyring Nanofluid with Double Diffusive Convection in Symmetric Microchannel	Advanced Theory and Simulations					2.9	10.1002/adts.202500403

2868	Revathi S.; Amanullah M.; Al-Samghan A.S.; Joseph J.J.; Pazhanisamy P.; Lavanya R.; Gomathi T.	Green engineering of chitosan-bioactive glass for efficient removal of Cr(VI) and Cu(II) ions from aqueous systems	Environmental Monitoring and Assessment	197	7			2.9	10.1007/s10661-025-14253-6
2869	Ganesan R.; Kamaraj S.	Convergent synthesis of coumarin C3-C4-fused fluorogenic quinoline scaffolds via aldehyde activation using in situ generated hydrazoic acid	Organic and Biomolecular Chemistry					2.9	10.1039/d5ob00633c
2870	Prajapati V.K.; Jeyaraj P.; Mailan Chinnapandi L.B.	Sound radiation and transmission behavior of auxetic core quadrilateral sandwich panels under supersonic flow	Mechanics Based Design of Structures and Machines					2.9	10.1080/15397734.2025.2516125
2871	Ravichandran S.; Afjal M.	Investigating the impact of investor attention on AI-based stocks: A comprehensive analysis using quantile regression, GARCH, and ARIMA models	PLOS ONE	20	05-May			2.9	10.1371/journal.pone.0324450
2872	Loganathan T.; Doss G.P.C.	Gut microbiota and its influence on the Gut-Brain axis in comparison with chemotherapy patients and cancer-free control data in Breast cancer—A computational perspective	PLOS ONE	20	06-Jun			2.9	10.1371/journal.pone.0324742
2873	Wadhavane S.; Rithvik A.; Rasool M.	Psoriasis Relapse: Exploring the Role of Epigenetics, Metabolic Reprogramming, and Inflammatory Memory	Immunological Investigations					2.9	10.1080/08820139.2025.2519666

2874	D., Kumar, Deepak; B., Paswan, Brijendra; P., Singh, Pooja; J., Baroi, Juhi	Rayleigh wave propagation in a rotating nonlocal micropolar thermoelastic composite structure	Acta Mechanica					2.9	10.1007/s00707-025-04424-4
2875	S., Kaindal, Sonia; B., Venkataramana, B.	Demographic and clinical predictors of treatment outcomes in invasive lobular carcinoma breast cancer: insights from Cox regression analysis	Discover Oncology	16	1			2.9	10.1007/s12672-025-03029-6
2876	S., Rajalakshmi, Subramaniyan; D., Megha, Davis; G., Harinikka, Govindarajan; S., Ramamoorthy, Siva; M., Manickavasagam, Markandan	Enhanced auxin signalling, increased andrographolide biosynthesis, and antioxidant defence in gold nanoparticles-elicited Andrographis paniculata adventitious root cultures	3 Biotech	15	8			2.9	10.1007/s13205-025-04421-3
2877	S.J., Achar, Sindhu J.; T., Sathiyaraj, T.; S., Harshavarthini, Shanmugam	Fractional order modelling of water scarcity and its social effects	Modeling Earth Systems and Environment	11	5			2.9	10.1007/s40808-025-02510-z
2878	L., Niyaz Ahmed, L.; S., Krishnan, Saravanakumar; P., T, Praveen; S.G., Babu, Sundaram Ganesh	A Theoretical Analysis of Nonlinear Phenomena in the Reaction-Diffusion Model under Unsteady-State Conditions in the Poly-Methyl Orange (PMO) Layer of a Non-enzymatic Biosensor for the Species Cholesterol Present in Blood	Journal of Physical Chemistry B					2.9	10.1021/acs.jpcb.5c01835

2879	J., B&#65533;jar-Grimalt, J.; D., P&#65533;rez-Guaita, David; &#65533;., S&#65533;nchez-Illana, &#65533;ngel; R., Garc&#65533;a-Contreras, Rodolfo; R., Kataria, Rashmi; S.M., Bureau, Sylvie M.; M., de la Guardia, Miguel; F.R., Cadet, Fr&#65533;d&#65533;ric R.	Classification of Apricot Varieties by Infrared Spectroscopy and Machine Learning	ACS Agricultural Science and Technology					2.9	10.1021/acsagscitech.5c00068
2880	V., Kumar, Varun; B.P., Kushwaha, Bijay Prasad	A systematic literature review of virtual reality in tourism marketing using a mixed method	Cogent Business and Management	12	1			2.9	10.1080/23311975.2025.2528161
2881	M., Amudha, M.; K., Brindha, K.	Hybrid Paddy disease classification using optimized statistical feature based transformation technique with explainable AI	Environmental Research Communications	7	7			2.9	10.1088/2515-7620/adecec
2882	R., Rani Bhattacharjee, Rita; A., Ramkumar, Alajingi	Effect of big five personality dimensions on the academic performance of college students	Frontiers in Psychology	16				2.9	10.3389/fpsyg.2025.1490427
2883	M.M., Mwaurah, Muthui Martin; A.P., Anuja, Ajitha Pratheepkumar; T., Nakagawa, Tatsuo; J., Mathiyarasu, Jayaraman; A.M., Vinu Mohan, A. M.	Biofuel Cell-Based Potentiostat-Free Smart Diaper Sensor for Urinary Glucose Monitoring	Analysis and Sensing					2.9	10.1002/anse.202500039

2884	S.N., Balaji, Sathyanarayan N.; S., Anbarasu, Suvitha; S., Ramaiah, Sudha; A., Anbarasu, Anand	Hispidulin: a potential alternative to vorinostat against HDAC1 for acute myeloid leukemia	Discover Oncology					2.9	10.1007/s12672-025-03182-y
2885	B., Aarthy, B.; B.S., Keerthi, B. Srutha	Enhancing Image Sharpness by Modified Unsharp Masking Using Coefficient Bounds Obtained for a Subclass of Analytic Functions	Arabian Journal for Science and Engineering					2.9	10.1007/s13369-025-10469-3
2886	A., Srivastava, Aditya; D., Pandurangan, Durai; N., Mishra, Naveen	Triple-Band Quad-Port Highly Isolated MIMO Antenna for THz Applications with Frequency-Agile Characteristics	Arabian Journal for Science and Engineering					2.9	10.1007/s13369-025-10505-2
2887	H.K., Anbu, Hemanth Kumar; K., Karthikeyan, Kothandapani	Comparative Seismic Vulnerability of Ventilated Precast Concrete Shear Walls: Experimental and Numerical Analyses of Mechanical Coupler	Arabian Journal for Science and Engineering					2.9	10.1007/s13369-025-10518-x
2888	F., Raval, Falgun; D.R., Sudhakar, D. Ruben; S., Manavalla, Sreekanth; F.M., M, Feroskhan Musthafa	Energy, Exergy, and Exergoeconomic (3E) Analysis of Dual Reheat Recompression sCO2 Brayton Cycle	Arabian Journal for Science and Engineering					2.9	10.1007/s13369-025-10549-4

2889	T., K, Thatiparthi; K.S., Singh, Kuvar Satya	Evaluating the impact of satellite radiance observations on the simulation of intense tropical cyclones over the Bay of Bengal on a convective permitting scale using a data assimilation technique	Modeling Earth Systems and Environment					2.9	10.1007/s40808-025-02506-9
2890	A., Guette, Antoine; Z., Ahmed, Zeeshan; R., Xu, Ruicong; A.K., Sharma, Avadhesh Kumar; R., Kumar, Ravinder; R., Yokoyama, Ryo; S., Miwa, Shuichiro; S., Suzuki, Shunichi; K., Okamoto, Koji	An optimized current-controlled electrostatic charging water system for enhanced aerosol removal in Fukushima decommissioning	Journal of Aerosol Science					2.9	10.1016/j.jaerosci.2025.106671
2891	C., Pabitha, C.; S., Benila, S.; V., Balasubramanian, Vanathi	An adaptive recalibrative contextual squeeze-and-excitation self-attention V-Net for kidney tumor segmentation in RCC imaging	European Physical Journal Plus					2.9	10.1140/epjp/s13360-025-06686-2
2892	S., Chakraborty, Sohini; S., Banerjee, Satarupa	Bridging molecular insights and clinical application: non-coding RNAs, targeted drug delivery, and metastatic breast cancer therapy	Discover Oncology					2.9	10.1007/s12672-025-03090-1
2893	V., Suthaagaran, Vallabhy; Z., Suchorab, Zbigniew; G., Lagod, Grzegorz; S., Thirumalini, S.	Climatic response of rice soup mortar used in heritage structures under the influence of humidity and temperature	European Physical Journal Plus					2.9	10.1140/epjp/s13360-025-06760-9

2894	S., Poreddy, Sumithra; S., Sarva, Santhisudha; S., Pothuraju, Surendra; M., Gundluru, Mohan; P., Bellala, Poojitha; S., Gundubogula, Sunitha; S.R., Cirandur, Suresh Reddy	Biocompatible synthesis, computational studies and therapeutic evaluation of a dibutyl (2,2?dicyano?1?phenylethyl) phosphonate derivatives targeting oxidative stress, microbial infection and cancer cells	3 Biotech					2.9	10.1007/s13205-025-04499-9
2895	G., Murugusundaramoorthy, Gangadharan; A.A., Lupa?, Alina Alb; K., Vijaya, Kaliappan; M.A., Yousif, Majeed Ahmad; P.O., Mohammed, P. O.; T., Rosy, Thomas; Y.S., Hamed, Y. S.	FRACTIONAL ANALYSIS OF COEFFICIENT ESTIMATES FOR STARLIKE FUNCTIONS IN SHELL-LIKE DOMAINS	Fractals					2.9	10.1142/S0218348X25402716
2896	S., Irum, Shumaila; M., Asif, Muhammad; B.S., Murthy, B. S.N.; M.N., Srinivas, M. N.; A.S., Al-Moisheer, A. S.; V., Madhusudanan, V.; A., Zeb, Anwar	ANALYSIS of CAPUTO-FABRIZIO FRACTIONAL DERIVATIVE on TUMOR-IMMUNE MATHEMATICAL MODEL with OPTIMAL CONTROL	Fractals					2.9	10.1142/S0218348X25402510

2897	A.B., John, A. B.; N., Neja Prinsa, N.; E., Parasuraman, E.	Soliton solutions and modulation instability for a sixth order dispersive nonlinear Schr?dinger equation in optical fiber with cubic-quintic-septic nonlinearities	European Physical Journal Plus					2.9	10.1140/epjp/s13360-025-06793-0
2898	Nancharaiah; L., Sevukamoorthy, Lakshmi; G., Bhavya, G.; T.M., Kumar, T. M.Sathish; T.R., Vijaya Lakshmi, T. R.; S., Siddamsetti, Swapna	A Smart Intelligent Internet of Things Framework for Predicting Mental Health	Advanced Theory and Simulations					2.9	10.1002/adts.202500048
2899	S.S., Samuel, Senthamizh Selvan; I.S., Rajay Vedaraj, I. S.	Experimental and numerical investigation of free vibration characteristics of hybrid composites using carbon/ramie with tensile and elastic properties	Mechanics Based Design of Structures and Machines					2.9	10.1080/15397734.2025.2549517
2900	M.H., Lone, Muzamil Hassan; A.B., Mahindrakar, Amit Baburao; K.V.S.S., Kumar, K. V.S.S.	Integrating spectral index fusion with machine learning for improved LULC classification and temporal analysis: a case study from the Northwestern Himalayas	Modeling Earth Systems and Environment					2.9	10.1007/s40808-025-02604-8

2901	U., Sharma, Ujjawal; H.K., Shekhar, Himanshu Kumar; B.B., Sharma, Bunty B.; A., Sahu, Anidrisha; S., Haque, Shafiul; D.M., Mathkor, Darin Mansor; D., Kaur, Damandeep; H.S., Tuli, Hardeep Singh; A., Mishra, Astha; F., Ahmad, Faraz	Emerging nanotherapeutics for HPV-associated cancers: current advances, challenges, and future directions	Discover Oncology					2.9	10.1007/s12672-025-02439-w
2902	Sylvia, J.; Ghosh, S.	A Fractional-Order Mathematical Model for Obesity Dynamics: Analysis Via Hermite Wavelets and Comparative Numerical Methods	Advanced Theory and Simulations					2.9	10.1002/adts.202501055
2903	Persiya, J.; Anbalagan, A.	Artificial intelligence-based multimodal framework for non-invasive detection of digital eye strain using thermal imaging and behavioral metrics	Journal of Thermal Biology	133				2.9	10.1016/j.jtherbio.2025.104280
2904	Chanchal, K.; Singh, K.S.	Evaluating the role of microphysical schemes in a cloud-resolving scale on simulation of heavy rainfall events near the coastal region of southern India	Modeling Earth Systems and Environment	11	6			2.9	10.1007/s40808-025-02595-6

2905	Arumugam, D.B.; Mohan, M.C.	Performance and Emission Analysis of Catalytic Co-Pyrolysis of Bauhinia Purpurea With Waste Medical Plastic with Al2O3 Powered in CI Engine Using ANN and RSM	Arabian Journal for Science and Engineering					2.9	10.1007/s13369-025-10731-8
2906	Jatkar, M.; Shah, A.; Hegde, S.; Tejas, B.G.	Thallium Nitride Nanosensors for Selective Detection of CO2, CO, NO, and BF3 Gases: Insights from Ab Initio Molecular Dynamics	Advanced Theory and Simulations					2.9	10.1002/adts.202501198
2907	Purohit, N.; Mishra, Y.; Hazarika, P.; Gopalakrishnan, A.V.; Murali, R.	Pathways to precision medicine in cervical cancer: a comprehensive review of small molecule inhibitors, biomarkers and computational approaches	3 Biotech	15	11			2.9	10.1007/s13205-025-04556-3
2908	Lenasri, G.; Shekhar, S.K.	Social media for recruitment: a TCCM-based systematic literature review and content analysis	Cogent Business and Management	12	1			2.9	10.1080/23311975.2025.2569794
2909	Chauhan, A.; Dewali, S.; Pathak, V.M.; Singh Bisht, S.S.; Chauhan, R.; Kaur, D.; Tuli, H.S.; Haque, S.; Ahmad, F.	Therapeutic role of allicin in gastrointestinal cancers: mechanisms and safety aspects	Discover Oncology	16	1			2.9	10.1007/s12672-025-02591-3
2910	Sharma, S.; Richhariya, V.; Pinho, D.; Carvalho, ?.; da Silva, F.S.; Tripathy, A.; Dourado, N.; Catarino, S.O.	Capillary Dynamics Analysis of Millimetric Tubes for Anti-Slip Surfaces: A Phase-Field Based Finite Element Approach and Experimental Validation	Advanced Theory and Simulations					2.9	10.1002/adts.202501384

2911	Rengerla, R.; Parthiban, A.	AI-IoT-graph synergy for smart waste management: a scalable framework for predictive, resilient, and sustainable urban systems	Frontiers in Sustainability	6				2.9	10.3389/frsus.2025.1675021
2912	Anbarasu, S.; Balaji, S.; Ramaiah, S.; Anbarasu, A.	Systems biology-driven identification of biomarkers and significant pathways in radiation-induced hormone-sensitive cancers	Discover Oncology	16	1			2.9	10.1007/s12672-025-03892-3
2913	N.K.; Subramani, V.	Tensile and microstructural characterization of additively manufactured continuous carbon fiber-reinforced polylactic acid composites	Journal of Materials Research					2.9	10.1557/s43578-025-01743-z
2914	Sarker, K.; Sarker, J.; Sarkar, K.; Chatterjee, D.; Bhowmik, P.	Power Quality Enhancement in Smart Grids Using DFIG-PV-IG Integrated UPQC with Unequal Step Multilevel Inverter for Sensitive Electric Vehicle and Medical Loads	Arabian Journal for Science and Engineering					2.9	10.1007/s13369-025-10817-3
2915	Pain, R.; Dalui, S.; Sardar, S.; Bandyopadhyay, A.	Oblique propagation of ion-acoustic waves in magnetized multi-component plasma: effect on modulational instability, envelope excitation and rogue waves	European Physical Journal Plus	140	11			2.9	10.1140/epjp/s13360-025-06979-6
2916	Ranjith, R.; Sekar, S.K.	Sustainable electrical insulator waste management: an eco-friendly concrete development and property assessment using 3E analysis	Frontiers in Sustainability	6				2.9	10.3389/frsus.2025.1695766

2917	Shyamala Devi, M.; Natarajan, Y.; Priya, S.; Sri Preethaa, K.R.	Contour-Detected Normalized Residual Model for Kidney Stone Classification	Applied Computational Intelligence and Soft Computing	2025	1			2.9	10.1155/acis/5844438
2918	Sethu, V.; Rao, T.D.	Fuzzy reaction?diffusion problems solved by homotopy perturbation method	European Physical Journal Plus	140	10			2.9	10.1140/epjp/s13360-025-06908-7
2919	Joshi, H.; Rani, I.; Sharma, V.; Sharma, U.; Dimri, T.; Kumar, M.; Chauhan, R.; Chauhan, A.; Kaur, D.; Haque, S.; Ahmad, F.; Tuli, H.S.	Sulforaphane: a natural organosulfur having potential to modulate apoptosis and survival signalling in cancer	Discover Oncology	16	1			2.9	10.1007/s12672-025-02795-7
2920	Gheorghe, M.; Ipate, F.; Kannan, K.; Konur, S.; Kuppusamy, L.; Lefticaru, R.; Mahendran, A.; Niculescu, M.I.	Spiking neural P systems and kernel P systems	Journal of Membrane Computing	7	4	437	459	2.9	10.1007/s41965-025-00204-0
2921	Mahur, P.; Mishra, K.	Probing the Role of Small Molecules and Amino Acids in Protein Adsorption on Gold Nanoparticles: A Thermodynamic and Mechanistic Insight	Journal of Physical Chemistry B	129	49	12571	12583	2.9	10.1021/acs.jpcb.5c04291
2922	Thirumalairaj Kannadasan, N.; Polisetty, A.	Emerging trends and applications of fuzzy decision-making techniques in financial supply chains: a comprehensive dual-source bibliometric analysis	Cogent Business and Management	12	1			2.9	10.1080/23311975.2025.2590878

2923	Atta S., Karthikeya S., Dash S., Mathew A.T., NarendraKumar U.	Optical performance of functionally gradient TiN multilayered thin films deposited through magnetron sputtering	Physica B: Condensed Matter	700				2.8	10.1016/j.physb.2025.416913
2924	Suresh N., Sivakumar P., Malathi A.C.J., Balamurugan K.S.	Effect of temperature on EMI shielding behavior of jack fruit rags biochar and waste silk fiber-reinforced vinyl ester composite	Journal of Materials Science: Materials in Electronics	36	2			2.8	10.1007/s10854-024-14161-4
2925	Eswaramoorthi S.; Loganathan K.; Choudhary P.; Senthilvadivu K.; Ahlawat A.; Sivakumar M.	Computational analysis of sutterby nanofluid with heat and mass convective conditions: a comparative study of Riga plate and stationary plate	Discover Applied Sciences	7	3			2.8	10.1007/s42452-025-06508-1
2926	Kumar D.A.; Babu R.S.; Kalainathan S.; Parthiban E.; kumar R.S.	Physiochemical properties of Lithium salicylate (LiSal) single crystal by solution growth technique for scintillation applications	Journal of Materials Science: Materials in Electronics	36	5			2.8	10.1007/s10854-025-14417-7
2927	Shanmugam H.; Lakshmanan V.R.	Development of stacking algorithm for bias-correcting the precipitation projections using a multi-model ensemble of CMIP6 GCMs in a semi-arid basin, India	Theoretical and Applied Climatology	156	2			2.8	10.1007/s00704-024-05321-x
2928	Venkatesh K.; Jenova I.; Shunmugavel K.; Saminathan M.; Sheeba D.J.	Eco-friendly guar gum polymer electrolytes doped with lithium nitrate for energy storage devices	Journal of Materials Science: Materials in Electronics	36	3			2.8	10.1007/s10854-025-14225-z

2929	Mathew F.; Saral A.M.	Designing, Optimising, and Assessing a Novel Emulgel Containing Minoxidil for Controlled Drug Release, Incorporating Marine-based Polymers	Current Drug Delivery	22	2	231	247	2.8	10.2174/0115672018271502231226113423
2930	Patel H.; Banerjee A.; Saha P.; Divya S.; Ravanan P.; Talwar P.	SNP Analysis of the SOD1 gene involved in Amyotrophic Lateral Sclerosis (ALS)	Journal of Taibah University for Science	19	1			2.8	10.1080/16583655.2024.2420463
2931	Sharma U.; Sahni P.K.; Sharma B.; Gupta M.; Kaur D.; Mathkor D.M.; Haque S.; Khatoon S.; Tuli H.S.; Mishra A.; Ahmad F.	Silymarin: a promising modulator of apoptosis and survival signaling in cancer	Discover Oncology	16	1			2.8	10.1007/s12672-025-01800-3
2932	Sharma U.; Sahu A.; Shekhar H.; Sharma B.; Haque S.; Kaur D.; Tuli H.S.; Mishra A.; Ahmad F.	The heat of the battle: inflammation's role in prostate cancer development and inflammation-targeted therapies	Discover Oncology	16	1			2.8	10.1007/s12672-025-01829-4
2933	Joshi H.; Bhushan S.; Dimri T.; Sharma D.; Sak K.; Chauhan A.; Chauhan R.; Haque S.; Ahmad F.; Kumar M.; Tuli H.S.; Kaur D.	Anti-tumor potential of Harmine and its derivatives: recent trends and advancements	Discover Oncology	16	1			2.8	10.1007/s12672-025-01893-w
2934	Mishra A.; Patel T.N.	Locking the gates of immortality: targeting alternative lengthening of telomeres (ALT) pathways	Medical Oncology	42	3			2.8	10.1007/s12032-025-02627-2

2935	Mushtaq F.; Alhems L.M.; Farooq M.; Tiwari S.P.	A comprehensive review of geomatics based coastal zone management in the Realm of Arabian Gulf, Saudi Arabia	Discover Applied Sciences	7	2			2.8	10.1007/s42452-025-06541-0
2936	Rajarajeswari P.; Arasukumar T.; Anwar Bég O.; Bég T.A.; Kuharat S.; Bala Anki Reddy P.; Ramachandra Prasad V.	Finite Element Numerical Simulation of Free Convection Heat Transfer in a Square Cavity Containing an Inclined Prismatic Obstacle With Machine Learning Optimization	Heat Transfer					2.8	10.1002/htj.23315
2937	Poornima L.; Babu R.S.; Kalainathan S.	Synergistic studies on stilbazolium derivative crystal with a 4-ethylbenzaldehyde donor group for nonlinear optical systems	Journal of Materials Science: Materials in Electronics	36	6			2.8	10.1007/s10854-025-14416-8
2938	Jacksy D.B.; Dhas D.A.; Joe I.H.; Vinitha G.	Crystal growth, structural, computational, experimental analysis, and N–H…O hydrogen bonding interaction of 2,6-diaminopyridinium hydrogen malonate: a potential non-linear optical material	Journal of Materials Science: Materials in Electronics	36	7			2.8	10.1007/s10854-025-14469-9
2939	Kannam S.L.P.; Shubham; Pandey R.K.	Impact of Process Variation on DC and Analog Characteristics of 2 nm Forksheet FET	Silicon					2.8	10.1007/s12633-025-03273-z

2940	Nedunchezhian S.T.; Kannappan S.	Enhanced Bioactivity and Mechanical Strength of Strontium-Doped Calcium Silicate Bioceramic Prepared Through Sol–Gel Combustion Synthesis	Silicon					2.8	10.1007/s12633-025-03275-x
2941	Sahoo K.; Sundararajan V.	IL-1β and associated molecules as prognostic biomarkers linked with immune cell infiltration in colorectal cancer: an integrated statistical and machine learning approach	Discover Oncology	16	1			2.8	10.1007/s12672-025-01989-3
2942	M B.; Shaik K.	Tuning the structural, optical, electrical and photocatalysis properties of CuFe1-xAlxS2 nanoparticles synthesized by hydrothermal method	Physica B: Condensed Matter	705				2.8	10.1016/j.physb.2025.417059
2943	S.P. Y.; Gupta D.	Low energy electron interaction and dissociative ionization of pyridazine	Radiation Physics and Chemistry	232				2.8	10.1016/j.radphyschem.2025.112655
2944	Vijayababu M.; Chintagumpala K.	Polydimethylsiloxane-V2C MXene-based conductive elastomer composites for piezoresistive sensor applications	Flexible and Printed Electronics	10	1			2.8	10.1088/2058-8585/adb85e

2945	Sateesha D.; Chinnam S.; Ananthnag G.S.; Shetty T.C.S.; Pushpavathi I.; Vinitha G.; Raghavendra S.	Structure–property relationship of an organic crystal (E)-3-(4-(dimethylamino)phenyl)-1-(4-(methylthio)phenyl)prop-2-en-1-one through linear, nonlinear optical, molecular docking, and DFT investigations for optoelectronic applications	Journal of Materials Science: Materials in Electronics	36	8			2.8	10.1007/s10854-025-14556-x
2946	Edukondalu P.; Kumar Naikawadi P.; Prabhakar K.; Pradeesh K.; Rajasekhara Reddy S.; Shiva Kumar K.	Cu(OAc)2.H2O used as acetoxy source for the selective C(sp2)-H acetoxylation: Synthesis of Acetoxylated Indoles/bisindolyl	Asian Journal of Organic Chemistry					2.8	10.1002/ajoc.202400763
2947	Patil V.K.; Raj C.J.	Facile and controlled deposition of battery-type nickel sulfide nanostructure on Ni foam for a hybrid supercapacitor	Physica B: Condensed Matter	711				2.8	10.1016/j.physb.2025.417298
2948	J. G.A.; Mohanty S.K.; Nayak C.	Magnetically tunable angle-insensitive multimode absorption in graphene embedded topological photonic heterostrucures	Physica B: Condensed Matter	707				2.8	10.1016/j.physb.2025.417157
2949	Mathew S.; Chintagumpala K.	Design and characterization of PDMS-CB-ZnO-ternary composite based flexible capacitance pressure sensors for wearable applications	Flexible and Printed Electronics	10	2			2.8	10.1088/2058-8585/adc81e

2950	Gopakumar S.K.; Vinu S.; Mol Y.K.P.; Sindhusha S.; Christy R.S.; Vinitha G.	Experimental and computational investigations on 4-acetyl pyridine fumaric acid single crystal for nonlinear optical applications	Journal of Materials Science: Materials in Electronics	36	11			2.8	10.1007/s10854-025-14699-x
2951	Meena A.; Saleem H.; Shanmugam N.; Kumar A.S.; Suthakaran S.; Ayyar M.	Electrochemical supercapacitor performance of MnO2 nanorods via precursor ratio and hydrothermal temperature variation	Journal of Materials Science: Materials in Electronics	36	10			2.8	10.1007/s10854-025-14676-4
2952	John M.L.; Akella S.; Kamlekar R.K.	Elucidating the interactions of endocannabinoid-like neurotransmitters, N-acyltaurines and bovine serum albumin: Spectroscopic and computational approaches	Biochimica et Biophysica Acta - Biomembranes	1867	4			2.8	10.1016/j.bbamem.2025.184421
2953	Chakrabarti S.; Bhattacharya S.; Banerjee R.; Lahiri A.	Curvature-driven acceleration and a notion of vacuum in Nash theory	European Physical Journal Plus	140	4			2.8	10.1140/epjp/s13360-025-06258-4
2954	Poreddy S.; Gundluru M.; Pothuraju S.; Bellala P.; Arya J.S.; Cirandur S.R.	Sustainable one-pot synthesis, digital ADMET modelling, DFT analysis, molecular docking and biological screening of dibutyl((5-hydroxy-3-methyl-1-phenyl-1H-pyrazol-4-yl)(aryl)methyl) phosphonates	Research on Chemical Intermediates					2.8	10.1007/s11164-025-05590-9

2955	Pattapulavar V.; Ramanujam S.; Shah M.; Thirunavukkarasu M.K.; Arumugam S.; Karuppasamy R.; Samrot A.V.; Deepasree K.; Venugopal S.; Christopher J.G.	Streptomyces sp. VITGV156 secondary metabolite binds pathogenic protein PBP2a and Beta-lactamase	Frontiers in Bioinformatics	5				2.8	10.3389/fbinf.2025.1544800
2956	Thakral F.; Prasad B.; Sehgal R.; Gupta S.; Sharma U.; Singh B.J.; Sharma B.; Tuli H.S.; Haque S.; Ahmad F.	Role of emodin to prevent gastrointestinal cancers: recent trends and future prospective	Discover Oncology	16	1			2.8	10.1007/s12672-025-02240-9
2957	George J.; Ghosh A.R.	Conjugated Linoleic Acid in Cancer Therapy	Current Drug Delivery	22	4	450	464	2.8	10.2174/0115672018325362240811164655
2958	Subramani N.K.; Venugopal S.	Identification of novel drug targets and small molecule discovery for MRSA infections	Frontiers in Bioinformatics	5				2.8	10.3389/fbinf.2025.1562596
2959	Jithendra T.; Basha S.S.; Divya A.	Improvement of ANFIS with a snake optimizer for capturing CO2 emissions: a model for predicting future emissions for India	Theoretical and Applied Climatology	156	5			2.8	10.1007/s00704-025-05489-w
2960	Blessy M.L.; Dhas D.A.; Joe I.H.; Vinitha G.	Crystal growth, spectroscopic investigation and z-scan analysis of novelly synthesized NLO active bis(2-amino-4,6-dimethoxypyrimidinium) 5-sulfosalicylate single crystal	Journal of Materials Science: Materials in Electronics	36	13			2.8	10.1007/s10854-025-14765-4

2961	Mol Y.K.P.; Vinu S.; Gopakumar S.K.; Sindhusha S.; Christy R.S.; Vinitha G.	Growth and characterization of bis(hydrogenmaleate)-Cu(II) tetrahydrate single crystals: A new metal–organic third-order nonlinear optical material	Journal of Materials Science: Materials in Electronics	36	12			2.8	10.1007/s10854-025-14820-0
2962	E P.; Rajan M.S.M.; Osman M.S.	Modulational instability and kink, anti-kink, breather soliton for nonlocal reverse space time dispersive nonlinear Schrödinger equation	European Physical Journal Plus	140	4			2.8	10.1140/epjp/s13360-025-06292-2
2963	Priyanka T.M.C.; Vignesh D.; Gowrisankar A.; Ma J.	Multi-scroll dynamics and coexisting attractors in electromagnetic-induced Hopfield networks	European Physical Journal Plus	140	5			2.8	10.1140/epjp/s13360-025-06310-3
2964	Parvez M.A.; Islam M.; Sultana S.; Ali M.; Molla R.H.; Hassan A.; Theravalappil R.; Hasnat M.A.; Singha N.R.; Rahaman M.	Recent development on polymer based light weight electromagnetic interference shielding materials	Journal of Materials Science: Materials in Electronics	36	14			2.8	10.1007/s10854-025-14836-6
2965	John J.; Noor-A-Rahim M.; Vijayan A.; Poor H.V.; Pesch D.	Industry 4.0 and Beyond: The Role of 5G, WiFi 7, and Time-Sensitive Networking (TSN) in Enabling Smart Manufacturing	Future Internet	16	9			2.8	10.3390/fi16090345
2966	Gopi B.; Vijayakumar V.	Microwave-Assisted Rapid and Efficient Synthesis of Novel Indazole-Based 1,3,4-Oxadiazole Derivatives with Molecular Docking, ADME, and DFT Studies	Asian Journal of Organic Chemistry					2.8	10.1002/ajoc.202500111

2967	Saravana R.; Vajravelu K.; Hemadri Reddy R.; Narasimha Murthy K.V.	Hydromagnetic Peristaltic Propulsion of a Pseudoplastic Fluid Through a Porous Symmetric Channel With Wall Properties	Heat Transfer					2.8	10.1002/htj.70004
2968	Abarna S.T.; Vizhi R.E.; Saravanan P.	Investigation on the exchange coupling behavior of hard–soft (Sr0.8Co0.2Fe9.8Gd0.2O19)x/(Zn Fe2O4)1-x nanocomposites for permanent magnet applications	Journal of Materials Science: Materials in Electronics	36	15			2.8	10.1007/s10854-025-14934-5
2969	Mummadi R.S.R.; Shaik K.	Influence of Cd on structural, morphological, optical, and electrical properties of ZnS thin films	Journal of Materials Science: Materials in Electronics	36	15			2.8	10.1007/s10854-025-14969-8
2970	Vilya K.; Shaik K.	Electrochromic behavior of rod-shaped vanadium oxide thin films prepared by thermal evaporation	Journal of Materials Science: Materials in Electronics	36	17			2.8	10.1007/s10854-025-15110-5
2971	Hussain S.A.; Tripathi A.; Tiwari S.P.; Reshi O.R.; Rahman S.M.; Kumar P.	Climate change induced vulnerability analysis of the Saudi coast: A multi-parametric remote sensing approach	Environmental Earth Sciences	84	12			2.8	10.1007/s12665-025-12297-y
2972	Annadurai P.; Isaac A.E.	Unveiling the role of IL7R in metabolism-associated fatty liver disease leading to hepatocellular carcinoma through transcriptomic and machine learning approaches	Discover Oncology	16	1			2.8	10.1007/s12672-025-02638-5

2973	Benjamin A.S.; Nayak S.	Tryptophan enforced alg-iron oxide nanoconjugates: A potential evalution for synergistic cancer therapy	Biochimica et Biophysica Acta - General Subjects	1869	8			2.8	10.1016/j.bbagen.2025.130829
2974	Aravind K.; Samuel P.	Development of NaCaLa(MoO4)3:Sm3+ orange-red emitting phosphors with high color purity and thermal stability	Physica B: Condensed Matter	714				2.8	10.1016/j.physb.2025.417489
2975	R R.; Lakshminarayana P.; Vajravelu K.; Sucharitha G.	Hydromagnetic peristaltic flow of Jeffrey nanofluid in a non-uniform wavy porous channel with Hall current and cross diffusion	Journal of Taibah University for Science	19	1			2.8	10.1080/16583655.2025.2517500
2976	Kameshwari A.V.S.; Balakrishnan S.	Influence of quantum operators on quantum mutant strategies in noisy prisoner's dilemma game	European Physical Journal Plus	140	6			2.8	10.1140/epjp/s13360-025-06460-4
2977	Rajendran D.; Easwaran N.	In silico analysis of Triphala-derived polyphenols as inhibitors of TIR–TIR homodimerization in the inflammatory pathway	Frontiers in Bioinformatics	5				2.8	10.3389/fbinf.2025.1565700
2978	Kiruba B.; Narayan P.S.A.; Raj B.; Raj S.R.; Mathew S.G.; Lulu S.S.; Sundararajan V.	Intervention of machine learning in bladder cancer research using multi-omics datasets: systematic review on biomarker identification	Discover Oncology	16	1			2.8	10.1007/s12672-025-02734-6
2979	Nandan P.K.; Sivaraman J.	Elucidating Ras protein as a dual therapeutic target for inflammation and cancer: a review	Discover Oncology	16	1			2.8	10.1007/s12672-025-02783-x

2980	R., Puliyasseri, Rohini; K.P., Anbalagan, Kalai Priya; D., Sastikumar, Dillibabu	Single-step synthesis of N, B co-doped graphene oxide by nanosecond pulsed laser ablation in liquid for clad-modified fiber optic gas sensing application	Applied Physics A: Materials Science and Processing	131	7			2.8	10.1007/s00339-025-08707-4
2981	K.P., Ganesan, Karupanan Periyanan; K., Tamilarasan, K.; M., Murugesan, Muthukumar; A., AmaliRoselin, A.; R., Ramesh, R.; P., Sengodan, Prabhu; G., Gopu, Gopalakrishnan; I.J., PanneerDoss, Issac Joseph; G., Sivakumar, Ganesan; N., Anandhan, Narayanasamy	An influence of solution pH on improvement of structural, morphological, optical and electrochemical performance of Cu2O thin films for supercapacitor applications	Journal of Materials Science: Materials in Electronics	36	20			2.8	10.1007/s10854-025-15162-7
2982	M., Mushtaq, Muzammil; P.U., Sathyakam, P. Uma	Tailoring hematite photoanodes with carbon quantum dots for improved photoelectrochemical performance	Journal of Materials Science: Materials in Electronics	36	19			2.8	10.1007/s10854-025-15241-9

2983	A., Anandhan, Arivazhagan; C., Sivasankari, C.; S., Vadivel, Siva; S.A.C., Azhagan, S. Anbu Chudar; M., Rajkumar, Madhu; M., Udhayakumar, Mariyappan; G., Vinitha, G.	Crystal growth, spectroscopic and computational investigations of metal&#65533;organic hybrid complex:1, 10-phenanthroline:3, 5-dinitrobenzoic acid (PTHDNB) for third-order nonlinear optical applications	Journal of Materials Science: Materials in Electronics	36	19			2.8	10.1007/s10854-025-15276-y
2984	S.S., Rani, S. Sheeba; A.S., Jebamalar, A. S.; S., Sindhusha, S.; G., Vinitha, G.	Growth mechanisms and physicochemical properties of nickel ammonium sulfate hydrate single crystal	Journal of Materials Science: Materials in Electronics	36	21			2.8	10.1007/s10854-025-15415-5
2985	D., Sundaranarayana, D.; M., Sankar, M.; S.K., Mathivanan, Sandeep Kumar; H., Rajadurai, Hariharan; K., Panneer Selvam, Karthikeyan; M.A., Shah, Mohd Asif	Cervical Cancer Classification Using Deep Learning Approach Using Colposcopy Images	Neural Processing Letters	57	4			2.8	10.1007/s11063-025-11770-w
2986	A., Arjunan, Amrutha; V., Ganesh, Venkatraman; L.D., Joseph, Leena Dennis; L.R., Perumalsamy, Lakshmi Revathi	Mitochondrial homeostasis and their impact on gastric carcinoma	International Journal of Biochemistry and Cell Biology	186				2.8	10.1016/j.biocel.2025.106827

2987	Y., Kumar, Yash; R., Nair, Rishika; J.R., Prashitha, J. R.; G., Velvizhi, G.	A machine learning based strategy towards enhanced photocatalytic reduction of CO2 to fuels via g-C3N4/TiO2: A comprehensive exploration of optimum parameters	Computational and Theoretical Chemistry	1252				2.8	10.1016/j.comptc.2025.115351
2988	S., R, Sudeep; S., M, Sarojini; K.M.K., Uma Mahendra Kumar, Koppolu Mahendra Kumar	First principles investigation of zb-TiSn: A promising narrow bandgap semiconductor	Physica B: Condensed Matter	715				2.8	10.1016/j.physb.2025.417512
2989	P., Parida, Pujarani; J., Patra, Jayashree; V.R., Singh, Vijay Raj; A., Rahaman, Ariful; P., Patel, Parth; S., Mahapatra, Somnath; S.K., Sahoo, Santosh Kumar; V.K., Verma, Virendra Kumar	Co-doping of Mn and Cr in CdTe thin films: Tunable white light emission and structural stability	Physica B: Condensed Matter	715				2.8	10.1016/j.physb.2025.417567
2990	K.R., M, Kavin Raja; S.D., C, Subathra Devi	Recent insights into actinobacteria research in antimicrobial resistance: a review	Molecular Biology Reports	52	1			2.8	10.1007/s11033-025-10797-5
2991	I., Singh, Indresh; A., Sivaramakrishna, Akella	New Dextrose?Tartaramide-Derived Hydrophobic Polyurethane Sponges for Remarkable Separation of Oils and Non-Polar Organic Solvents From Water	Journal of Applied Polymer Science					2.8	10.1002/app.57832

2992	A., Venkatachalam, Archana; M.J., Abel, M. John; S., Kalainathan, S.; S., Nallusamy, Senthilkumar	Green-mediated synthesis of bixbyite ?-Mn2O3 nanoparticles via Moringa oleifera: impact of calcination on properties and visible-light photocatalytic degradation of Eosin yellow and eriochrome black T dyes	Applied Physics A: Materials Science and Processing					2.8	10.1007/s00339-025-08790-7
2993	R., Vijay, Rahul; T.K., Raja Sree, Thankaraja Krishna	Secured trust and reputation management framework for cloud service in cloud computing	Computing					2.8	10.1007/s00607-025-01538-4
2994	A., Meena, Anbazhagan; H.F., Saleem, H. F.; N., Shanmugam, Narmatha; A.S., Kumar, Annamalai Senthil; S., Suthakaran, S.; Manikandan Ayyar	Hydrothermally fabricated NiO electrode for high-energy supercapacitor applications	Journal of Materials Science: Materials in Electronics					2.8	10.1007/s10854-025-15348-z
2995	P., Krishnasamy, Prabu; R., Natesan, Ramesh; A., Belaadi, Ahmed; G., Rajamurugan, G.; D., Akepati, Deepa; K., Bhattacharya, Kasturi	Electrical conductivity performance of functionally graded pineapple fiber polypyrrole composite at warp and weft directions under thermal loading	Journal of Materials Science: Materials in Electronics					2.8	10.1007/s10854-025-15397-4
2996	R., Vikkash, R.; S., Muthukumaran, Shobha; M., Rakchana, M.	Enhanced photoluminescence and photocatalytic performance of Mn and Co simultaneously doped ZnS nanostructures by co-precipitation method	Journal of Materials Science: Materials in Electronics					2.8	10.1007/s10854-025-15570-9

2997	R., Gowdaman, R.; A., Deepa, Akepati	Graphene oxide effects on piezoelectric, thermal, and mechanical properties of PVDF-HFP/CBT nanocomposite fibers for energy harvesting applications	Journal of Polymer Research					2.8	10.1007/s10965-025-04535-5
2998	G., Pavithra, G.; S., Dharani, Shanmugavel	Global Mittag-Leffler Projective Synchronization of Distinct Fractional-order Delayed Neural Networks with Inconsistent Orders and Interaction Terms via integral Sliding Mode Control	Neural Processing Letters					2.8	10.1007/s11063-025-11793-3
2999	A., Thankachan, Ambily; K.S., Singh, Kuvar Satya	Role of background error statistics in the prediction of severe cyclonic storm over the Bay of Bengal using the WRF-3DVAR data assimilation system	Advances in Space Research					2.8	10.1016/j.asr.2025.07.095
3000	V., Mariyappan, Vasudevan; R., Gnanasekaran, Ramachandran	Tuning the electronic and structural properties of polypyrrole via heteroatom doping: computational insights for high-performance chemical sensors	Computational and Theoretical Chemistry					2.8	10.1016/j.comptc.2025.115392
3001	T.R., Samala, Tapas Ranjan; P., Sen, Priyankar	Quercetin and Citreorosein from Halodule uninervis Leaf Show the Best Binding Against Breast Cancer Targets AKT1, EGFR, and ESR1	Current Pharmaceutical Design					2.8	10.2174/0113816128408970250717095140

3002	U., Meenatchi, U.; A., Sridevi, A.; A.E., Harish Vikas, A. E.; P.J., Balgote, Piyush Jagdish; S., Jayanthi, Sivaraman	A narrative overview of Staphylococcus haemolyticus: resistance traits, virulence factors, and health impact	Molecular Biology Reports					2.8	10.1007/s11033-025-10773-z
3003	G., M, Girishwaran; S.L., Sudhakaran, Sajitha Lulu	Migraine is a dysfunction of neuronal potassium ion channels	Frontiers in Neurology					2.8	10.3389/fneur.2025.1622994
3004	S., Shajan, Shilpa; G.M., Hemalatha, G. Muni; K., Thirunavukkarasu, Kandasamy; K., Thirumoorthy, Krishnan	Computational investigation of tetraamine?derived Schiff base ligands and their Cu(II) and Zn(II) complexes	Computational and Theoretical Chemistry					2.8	10.1016/j.comptc.2025.115512
3005	S., Sudhakaran, Shirly; K.D., Vadivelu, Kanchana Devi	Navigating the future of train services with predictive modeling for boarding demand using smart technologies	Journal of Intelligent Transportation Systems: Technology, Planning, and Operations					2.8	10.1080/15472450.2025.2559411
3006	M., Prasath, M.; S., Narasimman, Subramaniyam; A., Prasanth, A.; Z.C., Alex, Zachariah C.	An experimental study of SnO2 thin film-coated fiber optic lossy mode resonance sensor for salinity detection	Journal of Materials Science: Materials in Electronics					2.8	10.1007/s10854-025-15677-z
3007	R., Manikandan, Ramu; G., Raina, Gargi	Enhanced low power, multistate, unipolar stable RRAM devices with MoS2-rGO hybrids	Journal of Materials Science: Materials in Electronics					2.8	10.1007/s10854-025-15439-x

3008	N., Kannan, Nagarathinam; C., Natarajan, Chandrasekaran	Targeting Tribolium castaneum with nanoemulsified essential oils: A green approach to pest control	Journal of Stored Products Research					2.8	10.1016/j.jspr.2025.102829
3009	L., Durairaj, Lalitha; M., Malathi, M.	High-performance and flexible Mo2C/Gd2O3-based polymer composite films for EMI absorption in the X-band region	Physica B: Condensed Matter					2.8	10.1016/j.physb.2025.417804
3010	Vilya, K.; Kaleemulla, S.	Enhanced electrochromic performance of MoO3 films prepared by thermal evaporation	Physica B: Condensed Matter	718				2.8	10.1016/j.physb.2025.417912
3011	Jarly, D.H.; Jebamalar, A.S.; Sindhusha, S.; Gunasekaran, B.; Vinitha, G.	Insights into the third-order NLO behaviour of novel 4-aminobenzoate p-methylbenzene sulphonate monohydrate single crystal for optical power regulation	Journal of Materials Science: Materials in Electronics	36	29			2.8	10.1007/s10854-025-15984-5
3012	R.; Sathiyamoorthy, M.	Integration of GIS and AHP techniques for the sustainability of groundwater potential zones in the coastal environs	Frontiers in Water	7				2.8	10.3389/frwa.2025.1668087
3013	Ramamurthy, A.; Masilamani, D.	Investigation upon the [Ru(CO)4GeX] (X = O, S, Se and Te) complexes: decoding structure, bonding and electronic properties via density functional theory	Computational and Theoretical Chemistry	1254				2.8	10.1016/j.comptc.2025.115545

3014	Philip, J.L.; Chakraborty, S.; Vijayarangan, D.R.	Toxicity studies on Danio rerio (zebrafish) models using yttrium oxide nanoparticles from Hygrophila auriculata and their potential biological and environmental applications	Environmental Toxicology and Chemistry	44	10	2787	2806	2.8	10.1093/etojnl/vgaf141
3015	Anand, S.; Balgote, P.J.; Jayanthi, J.	Exploring the connection between the Mitochondrial DNA and the Circadian Rhythm: Insights into Mitochondrial Biogenesis and its Dynamics	Molecular Biology Reports	52	1			2.8	10.1007/s11033-025-11010-3
3016	Baharlooeian, M.; Benjamin, M.M.; Choudhary, S.; Hosseinian, A.; Hanna, G.S.; Hamann, M.T.	Marine Metabolites for the Sustainable and Renewable Production of Key Platform Chemicals	Processes	13	9			2.8	10.3390/pr13092685
3017	Senthilkumar, H.; Chauhan, S.C.; Arumugam, M.	Unraveling the multifactorial pathophysiology of polycystic ovary syndrome: exploring lifestyle, prenatal influences, neuroendocrine dysfunction, and post-translational modifications	Molecular Biology Reports	52	1			2.8	10.1007/s11033-025-11081-2
3018	Murali, R.; Gopalakrishnan, A.V.	Imperatorin ameliorates renal damage and modulates MAPK, Nrf2, and NF-kB pathways in mercury-chloride-exposed rats: A toxicological study relevant to skin lightening practices	Molecular Biology Reports	53	1			2.8	10.1007/s11033-025-11227-2

3019	Kumar, S.; Kumar, V.; Singh, D.	Secretory expression and optimization of type II L-asparaginase from Pseudomonas sp. PCH199	Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences	1267		124814		2.8	10.1016/j.jchromb.2025.124814
3020	Kalpanarani, K.; Grace, G.H.	A Statistical Test Based Separability Measure for Internal Cluster Validation	Neural Processing Letters	57	6			2.8	10.1007/s11063-025-11761-x
3021	Jeevarathinam, M.; Thirumalai, D.; Asharani, I.V.	Eco-friendly fabrication of g-C3N4/ZnO nanocomposites for visible-light-driven degradation of textile and pharmaceutical pollutants	Journal of Materials Science: Materials in Electronics	36	33			2.8	10.1007/s10854-025-16243-3
3022	Bhandari, H.S.; Pragasam, A.; Vinitha, G.; Naik, V.S.	Synthesis, structural investigation, linear and nonlinear optical properties of a chalcone derivative by experimental and theoretical method	Journal of Materials Science: Materials in Electronics	36	32			2.8	10.1007/s10854-025-16116-9
3023	Sri Ram Ganesh, S.; Alex, Z.C.; Aarthi, G.	Comparative analysis of U-bend fiber optic evanescent wave sensors coated with GO/MoS2 composite for humidity detection	Journal of Materials Science: Materials in Electronics	36	32			2.8	10.1007/s10854-025-16109-8
3024	Loganathan, G.; SenthilPandian, M.S.	Sustainable dual-functional cement mortar with waste iron mill scale: mechanical, durability, and electromagnetic shielding performance	Journal of Materials Science: Materials in Electronics	36	31			2.8	10.1007/s10854-025-15924-3

3025	Udhaya Lavinya, B.; Mukherjee, A.G.; Sabina, E.P.; Gopalakrishnan, A.V.; Vashishth, R.	Protective Role of Coenzyme Q10 Against Isoniazid and Rifampicin-Induced Hepatotoxicity in Rats via Modulation of PPAR-?, iNOS, and NF-?B	Journal of Biochemical and Molecular Toxicology	39	11			2.8	10.1002/jbt.70585
3026	Gyasi, E.K.; Swarnalatha, S.	Advancements in Soil Classification: An In-Depth Analysis of Current Deep Learning Techniques and Emerging Trends	Air, Soil and Water Research	16				2.8	10.1177/11786221231214069
3027	Mukherjee, A.G.; Abilash, A.V.	HER2 as a molecular trojan horse in prostate cancer: mechanistic insights and therapeutic unlocks	Molecular Biology Reports	53	1			2.8	10.1007/s11033-025-11202-x
3028	Balakrishnan, P.; Leema, A.; Dhivya Shree, V.; Mohammad Saad, C.; Mohan Babu, A.	Gene-LLMs: a comprehensive survey of transformer-based genomic language models for regulatory and clinical genomics	Frontiers in Genetics	16				2.8	10.3389/fgene.2025.1634882
3029	Eshak, D.; Arumugam, M.	Integrative analysis of transcriptomics and drug-target networks identifies SMN1 as a novel biomarker and therapeutic target for amyotrophic lateral sclerosis	Journal of Genetic Engineering and Biotechnology	23	4			2.8	10.1016/j.jgeb.2025.100615
3030	Anil, A.; Raghukiran, R.	Transforming FDM into a high-performance tool for multifunctional ceramic 3YSZ fabrication	Open Ceramics	25				2.8	10.1016/j.oceram.2025.100887

3031	Vinod, A.; Diraviam, A.B.; Muthuvel, M.R.; Wuppulluri, M.	Optimising magnetocaloric properties of LaFe11.2Si1.8 ribbons via annealing: a pathway to high-performance magnetic refrigeration	Journal of Materials Science: Materials in Electronics	36	36			2.8	10.1007/s10854-025-16361-y
3032	Devi, B.T.; Rajasekaran, R.	A novel approach to identify deepfake text using social media data	Social Network Analysis and Mining	15	1			2.8	10.1007/s13278-025-01536-6
3033	Jose, D.M.; Jayaraman, K.; Chidambaram, S.G.; Alnajjar, R.; Gandhiraj, V.; Lakshmi, V.	Enhanced Third-Order Nonlinear Optical Response in Cross-Conjugated Pyrrole-Based ortho-Halo Arylhydrazono-?-Diketones	Journal of Physical Chemistry A	129	48	11145	11159	2.8	10.1021/acs.jpca.5c06500
3034	Bhattacharya, S.; Kumar das, R.K.	Unravelling the molecular crosstalk between Epithelial-Mesenchymal transition and human papillomavirus in oral cancer	Molecular Biology Reports	53	1			2.8	10.1007/s11033-025-11299-0
3035	Gnanasekaran A., Rengasamy M., Eswaramoorthy N., Lakshmanan R., Nasinathan R., Rajaram K.	Enhanced interfacial solar steam generation with CuO-decorated wood evaporator at indoor condition: A sustainable approach to desalination	Materials Letters	384				2.7	10.1016/j.matlet.2025.138065
3036	Balaji S., Rajesh M., Naveen J., Reddy D.M., Dhilipkumar T., Sathyaseelan P., Murali A.P.	Effect of 3-Aminopropyl-Trimethoxysilane Functionalization and Co-Cure Manufacturing on enhancing the Structure properties of GFRP Composite Joint	Materials Letters	383				2.7	10.1016/j.matlet.2025.138053

3037	Shalini V., Kumar P.	Design and analysis of interconnected multichannel Schottky FinFET for the detection of breast cancer cells	Micro and Nanostructures	199				2.7	10.1016/j.micrna.2025.208078
3038	Rukshana Bi G., Chhetri B., Upreti A., Jindal S.K., Patil H.Y.	Capacitance dynamics in W-shaped silicon substrate MEMS double-touch mode pressure sensor	Measurement Science and Technology	36	2			2.7	10.1088/1361-6501/ada4ce
3039	Senthamizh Selvan S., Rajay Vedaraj I.S.	Enhancement of tensile and flexural strengths of carbon/ramie/epoxy hybrid composites using surface treatment technique: an experimental and artificial neural network study	Journal of Adhesion Science and Technology					2.7	10.1080/01694243.2024.2449408
3040	Ganesh S.K., Devi C.S.	Exploring the interactions of rapamycin with target receptors in A549 cancer cells: insights from molecular docking analysis	Journal of Cancer Research and Clinical Oncology	151	1			2.7	10.1007/s00432-024-06072-y
3041	Raali R.; Sivakumar N.; Vardhan J H.; P.K S.	Targeting mitochondrial dynamics: an in-silico approach for repurposing antifungal drugs in OSCC treatment	Journal of Biomolecular Structure and Dynamics					2.7	10.1080/07391102.2024.2425831
3042	Suhas V.S.; Shanmugapriya T.	Corrosion performance of ZnO-Based hybrid coated mild steel in concrete pore solutions	Materials Letters	385				2.7	10.1016/j.matlet.2025.138163
3043	Javali P.S.; Thirumurugan K.	Structural characterization of Aurora kinase B modulation by Epigallocatechin gallate: Insights from docking and dynamics simulations	Journal of Molecular Graphics and Modelling	136				2.7	10.1016/j.jmgm.2025.108973

3044	Manam M.; Barisal M.; Sajeev A.; Tomar E.; Deo L.; Osborne W.J.	Inhibitory effects of endophytic bacterial metabolite (Gougerotin) of Ziziphus mauritiana (Ber fruit) against human bacterial pathogens	South African Journal of Botany	178		437	447	2.7	10.1016/j.sajb.2025.01.045
3045	Siva Priya M.S.; Vidhyalakshmi M.; Manivannan K.	Enhancing spatial accuracy in disaster response: a DTBiFP-YOLOv8 model for drone-based search and rescue operations	Earth Science Informatics	18	2			2.7	10.1007/s12145-025-01705-3
3046	MohanRajan S.N.; Loganthan A.; Manoharan P.	Fuzzy Shuffled Frog Leaping Optimization-based enhanced ConvLSTM for Land Use/ Land Cover Prediction	Earth Science Informatics	18	2			2.7	10.1007/s12145-024-01686-9
3047	Nithya S.; Dutta A.	Rapid and Highly Sensitive of Amperometric Ammonia Sensor Using Green Synthesized CuO Nanoparticles as Anode Material	Electrocatalysis					2.7	10.1007/s12678-025-00937-7
3048	Paranthaman P.; Veerappapillai S.	Identification of putative Indoleamine 2,3-dioxygenase 1 (IDO1) and tryptophan 2,3-dioxygenase (TDO) dual inhibitors for triple-negative breast cancer therapy	Journal of Biomolecular Structure and Dynamics					2.7	10.1080/07391102.2024.2332509
3049	Mahendrarajan V.; Nalini E.	In silico analysis of bacteriocins from Lactobacillus acidophilus membrane vesicles against Streptococcus mutans GtfB protein	Journal of Biomolecular Structure and Dynamics					2.7	10.1080/07391102.2025.2460743

3050	Asokan J.; Kumar P.; Arjunan G.; Shalini M.G.	Photocatalytic Performance of Spinel Ferrites and their Carbon-Based Composites for Environmental Pollutant Degradation	Journal of Cluster Science	36	2			2.7	10.1007/s10876-024-02754-2
3051	Velmurugan P.; Eisen M.S.; Ghatak T.	Recent strategies and developments in the hydroboration of N-Heteroarenes mediated by transition and rare-earth metal complexes	Inorganica Chimica Acta	580				2.7	10.1016/j.ica.2025.122594
3052	Wanjari U.R.; Gopalakrishnan A.V.	Exploring the therapeutic effect of melatonin targeting common biomarkers in testicular germ cell tumor, prostate adenocarcinoma, and male infertility: an integrated biology approach	Mammalian Genome					2.7	10.1007/s00335-025-10119-x
3053	G S.; K K.; M V.	A novel task offloading model for IoT: enhancing resource utilization with actor-critic-based reinforcement learning	Earth Science Informatics	18	3			2.7	10.1007/s12145-025-01773-5
3054	Ashok R.; Singh K.S.	Role of microphysical processes in a convection permitting scale for the simulation of Arabian Sea tropical cyclones using WRF model	Modeling Earth Systems and Environment	11	3			2.7	10.1007/s40808-025-02351-w

3055	Subramaniyan M.; Pathak M.	One-pot synthesis of 2,4,5-triarylimidazole and phenanthro[9,10-d]imidazole derivatives catalyzed by a new set of crystalline aluminium(III) complexes via C–N bond formation	Inorganica Chimica Acta	580				2.7	10.1016/j.ica.2025.122596
3056	Bhardwaj K.; Jangir R.; Ghosh A.K.; Jali B.R.; Sk A.K.; Sahoo S.K.	Green-emitting AIEgen for instantaneous fluorescence switch-off detection of uranyl ions in environmental water samples	New Journal of Chemistry	49	12	4772	4779	2.7	10.1039/d5nj00126a
3057	Dholi A.; Yadav S.; Agrawal A.; Gupta G.	Development of epoxy/red stone dust composites and their characterization for light duty structural and automotive applications	Journal of Adhesion Science and Technology					2.7	10.1080/01694243.2025.2464879
3058	Panicker R.R.; John M.L.; Daphne Morrison N.; Yogendra Varma P.; Dharani S.; Pandya C.; Anand A.S.V.; Mondal J.; Sivaramakrishna A.	Square planar mononuclear Ni(ii) complexes of functionalized 2,2′:6′,2′′-terpyridines: BSA/DNA binding and anticancer activity	New Journal of Chemistry					2.7	10.1039/d4nj03874f
3059	Naik H.; Manoharadas S.; Bommayasamy N.; Gobi M.; Thomas J.; Dewala S.R.; Amaresan N.	Mycogenic synthesis of iron oxide nanoparticles (IONPs) for managing bacterial wilt in tomato (Solanum lycopersicum) caused by Ralstonia solanacearum: disease suppression, growth promotion and soil health improvement	New Journal of Chemistry					2.7	10.1039/d5nj00337g

3060	Chakraborty D.; Swaminathan P.; Shaik A.H.; Sultana S.; Chandan M.R.	Recycling Waste Metallized Biaxially Oriented Plastic Films as Filler in Polyurethane Foams: Properties and Environmental Impact	Journal of Applied Polymer Science					2.7	10.1002/app.56991
3061	Periyasami A.; Kumar P.	Label-free biosensor with multidimensional aspects of a molybdenum di-sulfide dual-gate Schottky tunnel field-effect transistor (D-G-STFET)	Micro and Nanostructures	205				2.7	10.1016/j.micrna.2025.208178
3062	.Karthikeyan N.K.; Elavenil S.	Electromagnetic interference shielding performance of nano-structure pyrolytic carbon cement composite	Materials Letters	390				2.7	10.1016/j.matlet.2025.138465
3063	Jagadeesh G.; Vellingiri J.; Pounambal M.; ArivuSelvan K.; Viswanatham V.; Iwendi C.	EADCN-BCSR: A novel framework for accurate and real-time waste detection and classification	Earth Science Informatics	18	2			2.7	10.1007/s12145-025-01838-5
3064	Deepak C.N.; Behura A.K.	Synthesis and Investigation on Nano Enhancement of Novel Margaric Acid-Stearic Acid Eutectic PCM with 1D Carbonaceous Nanoparticles	Journal of Cluster Science	36	3			2.7	10.1007/s10876-025-02819-w
3065	Calolsa R.S.; Sumangala T.P.; Kalpathy S.K.; Thomas T.; Kahaly M.U.; Rahaman A.	Development of a novel PDMS/PEG/PDMS multilayered composite film for advanced thermal management solutions for Photovoltaics	Materials Letters	390				2.7	10.1016/j.matlet.2025.138421

3066	Manimegalai C.; Kameswaran P.K.; Sibanda P.	Heat transfer analysis of mixed convective hybrid nanofluid flow with variable permeability	Scientific African	28				2.7	10.1016/j.sciaf.2025.e02670
3067	Roys K.E.; Manju S.L.; Siddiq M.; Sambandam A.	Power conversion efficiency and its comparison of D-π-A and D-D-π-A structured photo-sensitizers	Photochemical and Photobiological Sciences					2.7	10.1007/s43630-025-00713-y
3068	Velliangiri V.; Vasu D.; Ramkumar M.C.; Jindal S.; Gopinath P.; Balraj B.; Pandiyaraj K.N.	Development of Functional Amine Coatings on 3D-Printed PCL Scaffolds via Nonthermal Atmospheric Pressure Plasma for Tissue Engineering Applications	Journal of Applied Polymer Science					2.7	10.1002/app.57097
3069	Karthikeyan N.; Naveen J.; Anbu Selvan D.; Dhilipkumar T.	Predicting shear performance of Co-cured CFRP composite joints with covered lamination: an artificial neural network and optimization approach	Journal of Adhesion Science and Technology					2.7	10.1080/01694243.2025.2489536
3070	Samal P.K.; Sahoo R.; Manohar O.R.; Subramanian V.; Praharaj S.; Rout D.	Flexible Graphene Platelets Coated PVDF Membranes for High-Performance Electromagnetic Shielding	Journal of Applied Polymer Science					2.7	10.1002/app.57042
3071	Calolsa R.S.; Sumangala T.P.; Kalpathy S.K.; Thomas T.; Kahaly M.U.; Rahaman A.	PDMS/Au/PDMS Multi-Layered Thin Film Composites for Hydrophobic and IR Filtering Applications	Journal of Applied Polymer Science					2.7	10.1002/app.57014
3072	Logeshwaran A.; Puthillam U.; Ravoor J.; Bhat A.; Selvam R.E.; Pavithra S.; Nayak S.; Das R.K.	Optimization and 3D printing of calcium silicate reinforced with carbon nanotubes and its potential in stem cell proliferation and differentiation	Journal of Materials Research					2.7	10.1557/s43578-025-01594-8

3073	Islam M.; Rahaman M.; Rijesh M.	Effect of Graphene on Ethylene Methyl Acrylate (EMA) Copolymer for Flexible Electronic Application	Journal of Applied Polymer Science					2.7	10.1002/app.57205
3074	Gopichand G.; Bhargavi K.; Ramprasad M.V.S.; Kodavanti P.; Padmavathi M.	An Intelligent Model of Segmentation and Classification Using Enhanced Optimization-Based Attentive Mask RCNN and Recurrent MobileNet With LSTM for Multiple Sclerosis Types With Clinical Brain MRI	NMR in Biomedicine	38	6			2.7	10.1002/nbm.70036
3075	Doreswamy C.M.; Seekallu S.; Venkataramaiah S.B.; Umesh M.C.; Devi C.S.	Preclinical pharmacokinetics and in vitro ADME properties of PAT-1102: a novel HDAC inhibitor for cancer therapy	Journal of Cancer Research and Clinical Oncology	151	5			2.7	10.1007/s00432-025-06227-5
3076	Kumar D.A.S.; Parasurama D.S.	Effect of elicitors on the bioactive metabolites in the cell suspension culture of Gardenia jasminoides Ellis	South African Journal of Botany	183		94	102	2.7	10.1016/j.sajb.2025.05.033
3077	Patil V.S.; Bhagat P.R.	Pyridinium-based carboxyl-functionalized porphyrin: an easy gateway to afford substituted benzyl aryl ethers	New Journal of Chemistry					2.7	10.1039/d5nj00859j
3078	Rashid M.H.; Deora N.; Kolur S.R.; Malini S.S.; Sen P.	Genetic Predisposition and Severity of Eating Disorders- A Review	CNS and Neurological Disorders - Drug Targets					2.7	10.2174/0118715273372810250214054917

3079	Priyadharshini A.; Vijayakumar V.	Approximate controllability results for Hilfer fractional neutral stochastic differential equations with finite delay and non-dense domain	Asian Journal of Control					2.7	10.1002/asjc.3753
3080	Rasheeda P.; Sikarwar R.S.	Modelling and damage evaluation of glass fiber-reinforced aluminium laminates subjected to quasi-static indentation	International Journal of Mechanics and Materials in Design					2.7	10.1007/s10999-025-09753-9
3081	Majumder T.; Saha K.; Debnath K.; Hmar J.J.L.; Patel R.	Hydrothermally Grown p-Type CuO Nanotaper for Saliva Glucose Sensing Application	Electrocatalysis					2.7	10.1007/s12678-025-00964-4
3082	Suthagar K.S.; Mishra U.	Optimizing sustainable pencil and lithium-ion battery supply chain using stochastic feedforward neural network and blockchain techniques for payment transaction	Modeling Earth Systems and Environment	11	4			2.7	10.1007/s40808-025-02414-y
3083	R B.; Doss C G.P.	Molecular dynamics investigation of cysteine mutations: Effects on calcium ion affinity and structural stability in the RET cysteine-rich domain	Journal of Molecular Graphics and Modelling	140				2.7	10.1016/j.jmgm.2025.109072
3084	Senthilkumar H.; Arumugam M.	Untangling hidden players of PCOS: From transcriptomics to key biomarkers using WGCNA, LASSO and ROC analysis	Journal of Steroid Biochemistry and Molecular Biology	253				2.7	10.1016/j.jsbmb.2025.106795

3085	Suhas V.S.; Shanmugapriya T.; Borg R.P.; Akash K.; Sunil A.	Enhanced corrosion inhibition of mild steel in concrete pore solution using modified mgo-chitosan epoxy nanocomposite coatings	Materials Letters	398				2.7	10.1016/j.matlet.2025.138916
3086	Charles D.A.; Prince S.E.	Mechanistic exploration of BPA-induced hepatotoxicity and the therapeutic potential of Kedrostis foetidissima: A network pharmacology and molecular docking study incorporating in silico and in vitro approach	South African Journal of Botany	183		265	280	2.7	10.1016/j.sajb.2025.05.023
3087	Chakraborty S.; Banerjee S.	Integrated in-silico approach to explore the therapeutic potential of RNAs and druggable polyphenols to mine alternative breast cancer therapeutic strategies targeting cancer hallmarks	Journal of Biomolecular Structure and Dynamics					2.7	10.1080/07391102.2025.2497465
3088	Gowri S.; Abdul Azeez E.P.	Palliative care policy and practice in Kerala, India: Implications for Sustainable Development Goal 3—Health and well-being	Palliative Care and Social Practice	19				2.7	10.1177/26323524251344312
3089	Dutt J.K.; Ganguly K.	Hysteresis-based parametric extraction of viscoelastic material property of elastomers and biomaterials	Journal of Materials Research					2.7	10.1557/s43578-025-01601-y

3090	Thampan D.; Jena M.K.; Hussain R.; Valliammai M.; Hameed M.S.A.; Sreedharan S.P.; Sivagami K.	Challenges and opportunities for implementing resource recovery from sanitary waste streams: insights from India	Journal of Material Cycles and Waste Management	27	4	2162	2182	2.7	10.1007/s10163-025-02271-y
3091	Madhavaraj M.; Karthikeyan K.	A review of municipal solid waste management and landfills in India: environmental impacts, sustainable strategies and policy insights	Journal of Material Cycles and Waste Management					2.7	10.1007/s10163-025-02287-4
3092	D.B., Arumugam, Dinesh Babu; S., Kannappan, Santhakumar	Recyclable Glucose-Derived Carbon–Silica Supported Ni(0) Nanocatalyst for Suzuki–Miyaura Cross-Couplings	Asian Journal of Organic Chemistry					2.7	10.1002/ajoc.202500585
3093	P., Panjacharam, Paranimuthu; S.R., Reddy, Sabbasani Rajasekhara	Sustainable Strategy to Access Fused Chromenoquinoline Analogues via Doebner�Von Miller-Type Reaction and Mechanistic Insights	Asian Journal of Organic Chemistry					2.7	10.1002/ajoc.70106
3094	K., Divyabala, K.; N., Durga, N.	Optimal control of time-fractional Navier�Stokes equations with Rosenblatt process	Asian Journal of Control					2.7	10.1002/asjc.3772
3095	A., Dhanush, A.; V., Vijayakumar, Velusamy	Discussion on the approximate controllability results for neutral fractional differential systems with state-dependent delay	Asian Journal of Control					2.7	10.1002/asjc.3793

3096	S., Ishwarya A, Susan; R., Bhatia, Rachna	Numerical simulation of regularized long wave equation using uniform hyperbolic polynomial B-spline based collocation method	Journal of Applied Mathematics and Computing					2.7	10.1007/s12190-025-02573-2
3097	S., Baraha, Satyakam; B.S., Kumar, Buddepu Santhosh; A., Mishra, Abhijit; M., Ghosh, Monalisa	CNN-augmented SAR image despeckling using modified speckle reducing anisotropic diffusion and discrete wavelet transform	Signal Processing: Image Communication	138				2.7	10.1016/j.image.2025.117380
3098	A., Lakshmanan, A.; Z.C., Alex, Zachariah C.; V., Stran�k, V�t�zslav; S.R., Meher, Samir Ranjan	Band offset investigation of Cu2O/ZnO1-xSx heterojunctions using ultraviolet photoelectron spectroscopy	Materials Letters	399				2.7	10.1016/j.matlet.2025.138966
3099	S., V.s, Suhas; S., T, Shanmugapriya; N.A., Mohd Nasir, Noor Azline	Enhanced corrosion resistance of mild steel in simulated concrete pore solution via composite coatings modified with binary and hybrid nanofillers: ZnO–Ni, Ni–NiO, ZnO–Zn, and ZnO–NiO	Materials Letters	400				2.7	10.1016/j.matlet.2025.139134

3100	V., Dhandapani, Vinayagam; K., Subramanian, Karpagam	A dual recognition site-based ratiometric fluorescent probe with reversible mechanochromism and acetochromism for ultra-sensitive hypochlorite detection	Organic and Biomolecular Chemistry	23	27	6576	6588	2.7	10.1039/d5ob00676g
3101	A., Uppuluru, Ajay; S.S., Kumar, Sumit Saravana; P., Babu, Prithvirajan; A., Kommoju, Anilkumar; K., Padala, Kishor; A., Pratheepkumar, Annamalai	K2S2O8-promoted one-pot synthesis of N-substituted quinazolinones via tandem annulation using DMSO and terminal alkynes	Organic and Biomolecular Chemistry	23	28	6801	6807	2.7	10.1039/d5ob00898k
3102	R., Delhibabu, Radhakrishnan; P., Tuan-Anh, Pham; N.A., Zhukova, Nataly Alexandrovna; A.N., Subbotin, Alexey Nikolayevich	Intellectual Rooms based on AmI and IoT technologies	Frontiers in Computer Science	7				2.7	10.3389/fcomp.2025.1526484
3103	K., Aravindraj, Kumar; V., Narasimman, Venkatesan; G., Madhumitha, Gunabalan; S.M., Roopan, S. M.	Manganese-Catalyzed Multicomponent Reactions for Organic SynthesisEmerging Trends	European Journal of Organic Chemistry					2.7	10.1002/ejoc.202500484

3104	A., Das, Ankumoni; R., Ruhal, Rohit	AmpC-Induced Surge in -Lactam Resistance in Pseudomonas aeruginosa: A Rising Danger	Journal of Basic Microbiology					2.7	10.1002/jobm.70082
3105	R., Sasikumar, R.; V., Vijayakumar, Velusamy	An analysis of the existence and optimal control results for higher order Caputo fractional dynamical systems with damping	Asian Journal of Control					2.7	10.1002/asjc.3750
3106	A.A., Yesudhas, Anto Anbarasu; G., Mayilsamy, Ganesh; S., Lee, Syeongryong; Y.H., Joo, Young Hoon; J., Jae-Hoon, Jeong	Sampled-data stabilization analysis of T-S fuzzy PMSG-based wind turbine system under gain fluctuations	Asian Journal of Control					2.7	10.1002/asjc.3827
3107	P., Paranthaman, Priyanga; H.N.R., Krishnamoorthy, Hema Nandini Rajendran; S., Veluchamy, Selvakumar; R., Karuppasamy, Ramanathan; V., Shanthi, Veerappapillai	Unraveling the Complexities in TNBC Gene Interaction Networks Towards Better Therapeutics	Biotechnology and Applied Biochemistry					2.7	10.1002/bab.70039

3108	K., Verma, Kanika; K., Patel, Kavita; A., Yadav, Ankit; M., Gopikrishnan, Mohanraj; R., Sharma, Rishu; M., Mohan, Mradul; A., Mani, Ashutosh; P.K., Bharti, Praveen Kumar	Computational Drug Repositioning for Targeting PfEMP1: Potential Therapeutics for Cerebral Malaria in Plasmodium falciparum	Biotechnology and Applied Biochemistry					2.7	10.1002/bab.70040
3109	G., Shanmugasundaram, G.; P., Iyappan, Perumal; R., Ramachandiran, R.	Innovative feature extraction and selection for wireless sensor networks: enhancing cybersecurity and data transmission using WKPCA-SVD and RWS-ARO algorithms	International Journal of Machine Learning and Cybernetics					2.7	10.1007/s13042-025-02733-7
3110	S., Maruthasalamoorthy, Selvam; R., Navamathavan, Rangaswamy	Facile synthesis of Cu, Fe doped double perovskite Bi2MoO6 enhancing supercapacitor applications	Materials Letters					2.7	10.1016/j.matlet.2025.139171
3111	M., Periyasamy, Manikandan; N., Srinivasan, N.	Effect of heat treatment on the microstructures, mechanical, and corrosion performance of laser powder bed fusion manufactured Inconel 718 alloy	Materials Letters					2.7	10.1016/j.matlet.2025.139243
3112	J., Divya, J.; S., S, Selvendran; A., Sivanantha Raja, A.	Side-polished D-shaped photonic crystal fiber based plasmonic sensors for point-of-care applications	Journal of Optics (United Kingdom)					2.7	10.1088/2040-8986/adf455

3113	R., Kumari, Reshmi; S., Banerjee, Satarupa	Indian medicinal phytocompounds for targeting apoptosis and high-penetrance genes in triple-negative breast cancer: an in-silico exploration	BMC Molecular and Cell Biology					2.7	10.1186/s12860-025-00548-6
3114	M., Johnson, M.; V., Vijayakumar, Velusamy; K., Kwon, Kiwoon	Existence outcomes and optimal control of non-autonomous second order integrodifferential system with impulsive effects via resolvent operator in Banach spaces	Journal of Applied Mathematics and Computing					2.7	10.1007/s12190-025-02631-9
3115	A., Archana, Ananthakumar; S., Harish, Sekar; S.P., Parthasarathy, Shanthi Pandurengan; S., Ramamoorthy, Siva; S., Alagumanian, Subramaniyam; M., Manickavasagam, Markandan	Impact of AgNPs on shoot multiplication, 2M4VP and chlorophyll biosynthesis, antioxidant activity, and evaluation of genetic stability in Coccinia grandis (L.) Voigt	South African Journal of Botany					2.7	10.1016/j.sajb.2025.09.003
3116	A., Biradar, Akash; M.F., Khan, Mohammad Faseeulla; M., Rijesh, M.	Development of ultrafine-grained microstructure and texture evolution in aluminium graphite composites processed through accumulative roll bonding	Materials Letters					2.7	10.1016/j.matlet.2025.139397
3117	A., Sunny, Ashly; R.M., Thamankar, Ramesh M.	Analog switching with high pass filtering in a Pt/h-BN/Pt memristor using double layered h-BN	Materials Letters					2.7	10.1016/j.matlet.2025.139319

3118	S.L., Lafiya, S. L.; M.S., Kavitha, M. S.	Mango seed derived hydrochar as a sustainable additive in cementitious materials: microstructural and performance analysis	Materials Letters					2.7	10.1016/j.matlet.2025.139483
3119	K.M., Aravind, Kunnappilly Murukesh; P., Samuel, P.	Eu3+ doped LiCaGd(MoO4)3 red phosphors for WLED applications	Materials Letters					2.7	10.1016/j.matlet.2025.139438
3120	V.S., Suhas, V. S.; T., Shanmugapriya, T.	Advanced Ni-Nio coatings for enhanced corrosion inhibition of mild steel in alkaline concrete environments: an integrated experimental and computational analysis	Frontiers in Built Environment					2.7	10.3389/fbuil.2025.1621284
3121	M., Swathi, Mudhindi; R., Regunathan, Rajeshkannan	Speech organ disease classification using bidirectional block self-adaptive attention mechanism enabled quantum convolutional neural network	Journal of Supercomputing					2.7	10.1007/s11227-025-07800-y
3122	A., Ramkumar, Alagumalai; T., Gandhi, Thirumanavelan	Ruthenium-catalyzed C(sp2)-H ortho-heteroarylation of 2-arylphthalazin-1(2H)-one using five-membered heteroarenes by cross-dehydrogenative coupling	Organic and Biomolecular Chemistry					2.7	10.1039/d5ob01111f
3123	K., Priyanka, K.; O.M., Suganya, O. M.	Behaviour of PVA fiber and SCM-modified UHPECC: a micromechanics approach	Frontiers in Built Environment					2.7	10.3389/fbuil.2025.1639590

3124	A., Chandrasekar, A.; T., Radhika, Thirunavukkarasu; A.R., Subhashri, A. R.; M., Kamali, M.	Intelligent tracking control of IT2 fuzzy systems with dynamic event-triggering via neural networks method	Journal of Applied Mathematics and Computing					2.7	10.1007/s12190-025-02632-8
3125	P., Shivaji, Priyadharshini; E.P., Sabina, Evan Prince	Unveiling the molecular toxicity of Isoniazid and Rifampicin in tuberculosis therapy: emerging insights and therapeutic strategies	Toxicology Mechanisms and Methods					2.7	10.1080/15376516.2025.2554918
3126	Kumar, A.; Dhanalakshmi, R.; Rajesh, R.; Sendhil, R.	A spatial features and weight adjusted loss infused Tiny YOLO for shadow detection	Signal Processing: Image Communication	140				2.7	10.1016/j.image.2025.117408
3127	Kameshwaran, C.; Priyanga, P.; Radhakrishnan, R.; Shanthi, S.; Mohamed Imran, P.M.; Nawaz Khan, F.R.	Cetrimide-based DES-mediated synthesis of quinoline-appended imidazo[1,2-a]pyridines and their computational and biological studies	Organic and Biomolecular Chemistry					2.7	10.1039/d5ob01293g
3128	Natesan, R.; Krishnasamy, P.	Development and performance analysis of sustainable hybrid composites for microwave absorption	Materials Letters	404				2.7	10.1016/j.matlet.2025.139674
3129	Mohamed Jasim, K.; Sulphey, M.M.	Do Virtual Influencers? Endorsements Impact Purchase Intention at Restaurants: An Examination Using Symmetric and Asymmetric Approaches	International Journal of Hospitality and Tourism Administration					2.7	10.1080/15256480.2025.2556689

3130	Loganathan, T.; Doss, C.G.P.	Enhanced computational strategies for categorizing HER2 kinase domain variants of uncertain significance through structural and functional analysis	Mammalian Genome					2.7	10.1007/s00335-025-10165-5
3131	Rajamohamed, R.; Shanthi, S.	Identification of novel dihydroorotate dehydrogenase (DHODH) inhibitors for cancer: computational drug repurposing strategy	BMC Pharmacology and Toxicology	26	1			2.7	10.1186/s40360-025-01007-w
3132	S, B.; G, P.; G N, B.; N, B.	Improved deep joint model with tuned improved LeNet for spinal cord segmentation and injury detection using CT images	European Spine Journal					2.7	10.1007/s00586-025-09416-5
3133	Philip Mulamoottil, S.; Vigneswaran, T.	Introduction of sub-band augmentation with machine learning to develop an insomnia classification model using single-channel EEG signals	Physiological Measurement	46	9			2.7	10.1088/1361-6579/adfda8
3134	Thangapandiyan, K.; Selvam, R.E.	Optimisation of powder forming studies of ?-TCP/HAp composite using RSM	Materials Letters	404				2.7	10.1016/j.matlet.2025.139634
3135	Amritha, N.; Prasanth, S.	Seismic performances of reinforced concrete buildings with openings in unreinforced masonry infill walls: a soil?foundation?structure modelling approach	Frontiers in Built Environment	11				2.7	10.3389/fbuil.2025.1667289

3136	Kadam, A.; Jaiswal, A.K.	Shining a light on bael fruit: Developing natural gum-based photocurable hydrogels for bio-therapeutic applications	Materials Letters	404				2.7	10.1016/j.matlet.2025.139587
3137	Suresh, S.; Nawaz Khan, F.R.	Synthesis and late-stage C?H functionalization of papaverines	Organic and Biomolecular Chemistry	23	37	8431	8436	2.7	10.1039/d5ob01155h
3138	Pavithra, P.; Kannadasan, S.; Shanmugam, P.	One-Pot Functionalization at C-2,2?-Oxidation and C-3,3?-Bromination of 3,3?-Bis-7-Azaindolylmethane Using NBS/CAN as a Reagent: Synthesis of Brominated 3,3?-Bis-7-Aza-2-indalones	Asian Journal of Organic Chemistry					2.7	10.1002/ajoc.70247
3139	Suganya, S.; Parthiban, V.	A comparative numerical study and stability analysis of African swine fever virus modelled by Caputo fractional derivative	Mathematical Modelling and Control	5	4	368	378	2.7	10.3934/mmc.2025025
3140	Ashok, R.; Singh, K.S.	Impact of improved initial condition in a medium range forecast of super cyclonic storm Kyarr over Arabian sea using high resolution WRF and its data assimilation technique	Theoretical and Applied Climatology	156	12			2.7	10.1007/s00704-025-05871-8
3141	Divakar, S.; Beji, D.S.; Rajendra Santosh, A.B.R.; Sekaran, M.; Thiagarajan, K.; Nachiappan, K.; Rajasekaran, R.	Harnessing seaweed's potential for blue bioeconomy and sustainable future	South African Journal of Botany	187		410	425	2.7	10.1016/j.sajb.2025.10.034

3142	Acharya, S.R.; Regmi, A.M.; Ghimire, S.; Ghimire, R.P.	Immunosuppression Efficacy via Nonlinear Modeling and Probabilistic Analysis of Human Leukocyte Antigen Match and Dose Effects on Allograft Rejection Risk	Immunity, Inflammation and Disease	13	11			2.7	10.1002/iid3.70302
3143	Valanarasu, M.; John Kennedy, L.	Hexagonal rod Co2V2O7 stabilizing the Co3+/Co4+ redox pair for a high-voltage (1.9 V plateau), ultrafast rechargeable alkaline Zn-ion battery for electric vehicles	Materials Letters	406				2.7	10.1016/j.matlet.2025.139854
3144	Eswaramoorthy, N.; Muthusamy, P.K.; Kareem, A.; Shyma, A.P.; Nallusamy, S.; Sathishkumar, P.; Elangovan, V.	Resurfaced nickel alloy: A stable and efficient catalytic electrode for oxygen evolution reaction	Materials Letters	406				2.7	10.1016/j.matlet.2025.139855
3145	Raman, R.; Arunagirinathan, A.	A long-term stable flexible pressure sensor based on MWCNT/PEDOT:PSS-coated crepe bandage for wide-range sensing	Materials Letters	406				2.7	10.1016/j.matlet.2025.139894
3146	Venugopal, J.; Giriraj, G.	Influence of titanium boride particles on the tribological behaviour of Mg-AZ31 composite	Materials Letters	406				2.7	10.1016/j.matlet.2025.139903
3147	Baby, S.R.; Kuppusamy, M.; Manjunatha, B.R.; Jose, J.; Kumar, P.; Kothandaraman, S.; Mishra, R.	Multi-paleoclimatic proxies implicate climate shift from arid-to-humid in the Northeastern Arabian Sea teleconnected to ENSO events	Palaeogeography, Palaeoclimatology, Palaeoecology	684				2.7	10.1016/j.palaeo.2025.113463

3148	Kameshwaran, C.; Nawaz Khan, F.R.	Ruthenium-catalyzed late-stage C?H alkenylation of N-arylpyridazino[4,5-b]quinolin-1(2H)-ones	Organic and Biomolecular Chemistry					2.7	10.1039/d5ob01511a
3149	Ramalingam, P.S.; Hussain, M.S.; Chellasamy, G.; Elangovan, S.; Sharma, D.; T, P.; Awdhesh Kumar Mishra, R.A.K.; Gothandam, G.; Hussain, T.; Alrokayan, S.; Balakrishnan, P.; Mekala, J.R.; Arumugam, S.	Repurposing DPP-4 inhibitors as anticancer agents in KRAS-mutated pancreatic ductal adenocarcinoma	BMC Pharmacology and Toxicology	26	1			2.7	10.1186/s40360-025-01020-z
3150	Datta A., C G.P.D.	Comparative investigation of lung adenocarcinoma and squamous cell carcinoma transcriptome to reveal potential candidate biomarkers: An explainable AI approach	Computational Biology and Chemistry	115				2.6	10.1016/j.compbiolchem.2024.108333
3151	Mahendrarajan V., Easwaran N.	Quorum quenching effects of linoleic and stearic acids on outer membrane vesicle-mediated virulence in Chromobacterium violaceum	Biofouling	41	1	92	102	2.6	10.1080/08927014.2024.2446930
3152	Manikandan M.; Karthigeyan K.A.; Papanasam E.; Manikandan E.	ZnMnCoS/rGO nanocomposite for an effective bifunctional electrode for overall water splitting and supercapacitor applications	Physica Scripta	99	12			2.6	10.1088/1402-4896/ad92b7

3153	Shanmugam S.; Sharmila A.	An intelligent adaptive neuro-fuzzy based control for multiport DC-AC converter with differential power processing converter for hybrid renewable power generation systems	Frontiers in Energy Research	12				2.6	10.3389/fenrg.2024.1471265
3154	Fasogbon I.V., Ondari E.N., Tusubira D., Rangasamy L., Venkatesan J., Musyoka A.M., Aja P.M.	Recent focus in non-SELEX-computational approach for de novo aptamer design: A mini review	Analytical Biochemistry	699				2.6	10.1016/j.ab.2024.115756
3155	Jagan M.; Vijayachamundeeswari S.P.	Electrospun poly(acrylonitrile) and poly(ethylene glycol) composite nanofibers incorporated with Gd2O3 NPs for energy storage applications	Journal of Polymer Research	32	1			2.6	10.1007/s10965-024-04243-6
3156	Musthafa J.M.; Mandal B.K.	Sustainable strategies for microplastic waste management: utilizing nickel oxide nanoparticles as photocatalysts	Journal of Polymer Research	32	3			2.6	10.1007/s10965-025-04268-5
3157	Das P.; Kundu S.	A wideband high gain conformal self-decoupled multiport antenna for 5G millimeter wave communications	Physica Scripta	100	3			2.6	10.1088/1402-4896/adb348
3158	Kiruthika R.; Manivannan A.	Master–Slave Finite-Time Synchronization of Chaotic Fractional-Order Neural Networks under Hybrid Sampled-Data Control: An LMI Approach	Neural Processing Letters	57	1			2.6	10.1007/s11063-025-11733-1

3159	Shirsat S.; Suthindhiran K.	Preparation and evaluation of Magnetospirillum gryphiswaldense MSR-1 bioinoculant on the growth and productivity of Vigna radiata (L.) R. Wilczek	3 Biotech	15	2			2.6	10.1007/s13205-025-04206-8
3160	Raghuraman V.; Kumar T.S.	Different post-heat treatment responses on microstructure and mechanical characteristics of maraging steel 1.2709 samples produced by LPBF	Physica Scripta	100	2			2.6	10.1088/1402-4896/ada328
3161	Garg P.; Bhatt H.S.; Roy S.K.; Reddy S.R.	α-Amylase inhibitory potential of dihydropyrano coumarins: In silico and DFT analysis	3 Biotech	15	2			2.6	10.1007/s13205-024-04194-1
3162	Nasrin S.F.; Rajivganthi C.	Dynamical Analysis of a Stochastic Ebola Model with Nonlinear Incidence Functions	Journal of Nonlinear Science	35	1			2.6	10.1007/s00332-025-10127-w
3163	Pain R.; Dalui S.; Sardar S.; Bandyopadhyay A.	Effect of combined Kappa-Cairns distributed electrons on modulational instability and envelope soliton of ion-acoustic waves in electron-ion dusty plasma	Physica Scripta	100	2			2.6	10.1088/1402-4896/ada9ae
3164	Meenakumari R.; Rani P.Y.; Sucharitha G.; Vajravelu K.; Lakshminarayana P.	Thermal inspection on MHD Prandtl fluid flow past a stretching sheet in the presence of heat generation/absorption and suction/injection	Physica Scripta	100	2			2.6	10.1088/1402-4896/ada500

3165	Panda J.; Amrit R.; Mishra A.K.; Chakraborty A.; Rustagi S.; Nath P.C.; Sarabandi K.; Sarma H.; Wagh M.S.; Mohanta Y.K.	Sustainable Valorization of Fruit and Vegetable Waste for Bioactive Compounds: Advancing Functional Food and Wellness	Waste and Biomass Valorization					2.6	10.1007/s12649-025-02937-6
3166	Jyothish K.; Roy S.	Topological characterization of [n]-triangulenes through degree-based molecular descriptors with the prediction to π-electron energy	Physica Scripta	100	1			2.6	10.1088/1402-4896/ad9cd1
3167	Dhandapani V.; Karpagam S.	A Sensitive and Reusable Phenothiazine-Benzophenone Based Fluorescence Probe for Detecting Hypochlorite in Environmental and Biological Systems	Journal of Fluorescence					2.6	10.1007/s10895-024-04110-z
3168	Sathya P.; Naveen P.	Regression analysis for multiple shape effects on magnetized power law nanofluid flow along a thin needle: An application in targeted drug delivery system	International Journal of Modern Physics B					2.6	10.1142/S0217979225501395
3169	Sudharsan S.; Raja Annamalai A.	Effect of Heat Treatment on the Mechanical Properties and Microstructure of the Mg-Gd-Y-Er Alloy: An Experimental Study	International Journal of Metalcasting					2.6	10.1007/s40962-024-01538-8
3170	Mishra A.; Patel T.N.	Telomerase in cancer- ongoing quest and future discoveries	Molecular Biology Reports	52	1			2.6	10.1007/s11033-025-10251-6

3171	Khan Y.; Hussain M.S.; Ramalingam P.S.; Fatima R.; Maqbool M.; Ashique S.; Khan N.U.; Bisht A.S.; Gupta G.	Exploring extracellular RNA as drivers of chemotherapy resistance in cancer	Molecular Biology Reports	52	1			2.6	10.1007/s11033-025-10263-2
3172	Sharma P.; Sana T.; Khatoon S.; Naikoo U.M.; Mosina; Malhotra N.; Hasnain M.S.; Nayak A.K.; Narang J.	Nanopores for DNA and biomolecule analysis: Diagnostic, genomic insights, applications in energy conversion and catalysis	Analytical Biochemistry	701				2.6	10.1016/j.ab.2025.115791
3173	Ajayan J.; Sreejith S.; Kumari N.A.; Manikandan M.; Sen S.; Kumar M.	Amorphous indium gallium zinc oxide thin film transistors (a-IGZO-TFTs): Exciting prospects and fabrication challenges	Microelectronic Engineering	298				2.6	10.1016/j.mee.2025.112327
3174	Vasanthi Sridharan N.; Mandal B.K.	Sensitive and selective detection of 4-nitrophenol using a zirconium metal–organic framework loaded reduced graphene oxide modified glassy carbon electrode	Journal of Solid State Electrochemistry					2.6	10.1007/s10008-025-06257-6
3175	Nivedya T.; Ramasamy S.K.; Jose J.; Kumar S.K.A.	Effect of 6,6-Substitution on 2,2'-Bipyridine and Probing Biomolecular Interaction Through Experimental and Computational Studies Towards Anticancer Potency	Journal of Fluorescence					2.6	10.1007/s10895-025-04189-y
3176	Santhosh Kumar S.; Chandrasekar A.	Improved Condition for ISS of Stochastic Memristive Fuzzy Cohen–Grossberg BAM Neural Networks with Time-Varying Delays	Neural Processing Letters	57	2			2.6	10.1007/s11063-025-11739-9

3177	Sharma N.; Pradhan P.; Vuppu S.	Antioxidant Activity, Analytical Characterization, and In Silico Analysis of Organic Compounds from Vellore Fruit Peels: A Comparative Analysis	Arabian Journal for Science and Engineering					2.6	10.1007/s13369-025-10073-5
3178	Rajkumar D.; Subramanyam Reddy A.; Govindarajalu K.; Vajravelu K.; Thamizharasan T.; Jagadeshkumar K.	Magnetohydrodynamic micropolar nanofluid flow with pulsation in a vertical permeable channel with Brownian motion, thermophoresis, and thermal radiation: a Buongiorno model approach	Physica Scripta	100	1			2.6	10.1088/1402-4896/ad9421
3179	Rueshwin S.C.T.; Eithiraj R.D.	Structural, electronic, vibrational, optical and thermoelectric properties of 1T-Na2O monolayer via MD and DFT study	Physica Scripta	100	1			2.6	10.1088/1402-4896/ad97ef
3180	Thomas B.; Gupta D.	Ionization study of cyanopolyynes HCnN (n=1-17) by electron and positron impact	Physica Scripta	100	1			2.6	10.1088/1402-4896/ad9e3e
3181	Shekinah Archita S.; Ravi V.	A hybrid CMOS-memristor based adaptable Bidirectional Associative Memory neural network for pattern recognition applications	Physica Scripta	100	3			2.6	10.1088/1402-4896/adae42
3182	Afzal Basha M.I.; Meher S.R.	Ab initio investigations on the effect of pressure on the structural, electronic, optical and vibrational properties of SnS	Physica Scripta	100	3			2.6	10.1088/1402-4896/adb4ab

3183	Mishra P.; Mishra N.; Choudhary D.K.; Pareek P.; Reis M.J.C.S.	Use of IoT with Deep Learning for Classification of Environment Sounds and Detection of Gases	Computers	14	2			2.6	10.3390/computers14020033
3184	Bala Murali S.; Elakkiya K.; Kumaravel S.; Karthikeyan M.; Mishra N.; Natarajan R.	Design and analysis of a miniaturized rhombus-rectangular antenna for WMTS and ISM bands	Physica Scripta	100	4			2.6	10.1088/1402-4896/adbac2
3185	Selvam P.; S.K A.K.; Manjappa K.B.	Microwave-Assisted Synthesis of Phenyl Quinazoline: Investigation 'ON–OFF–ON' and Latent Fingerprint Applications	Journal of Fluorescence					2.6	10.1007/s10895-025-04251-9
3186	Paunkumar P.; Ganesh Babu S.	A one-pot synthesis of ZnS-NiS-NiS2 composite and its synergistic effect on different electrolytes for supercapacitor applications	Journal of Solid State Electrochemistry					2.6	10.1007/s10008-025-06288-z
3187	Prusty M.R.; Sinha A.K.; Singh S.S.K.; Sai S.; Kedalu Poornachary V.; Patra S.R.	Named Entity Recognition Based Neural Network Framework for Stock Trend Prediction Using Latent Dirichlet Allocation	Arabian Journal for Science and Engineering					2.6	10.1007/s13369-025-10090-4
3188	Vignesh G.; Narayanan C.S.; Pandivelan C.	Review on incremental sheetmetal forming process: deformation mechanisms and recent developments	International Journal of Material Forming	18	2			2.6	10.1007/s12289-025-01895-7
3189	Manokaran S.; Sivasamy R.; Iruthayanathan N.; Natarajan R.	A compact square loop-based frequency selective surface for ultra-wideband applications	Physica Scripta	100	5			2.6	10.1088/1402-4896/adc34b

3190	Uma S.; Kannan S.; Adalarasu K.; Jaganathan S.K.; Jagannath M.	Predicting overactive bladder symptom severity with explainable AI: a data-driven approach using questionnaire responses	Physica Scripta	100	5			2.6	10.1088/1402-4896/adc49b
3191	Benjamin I.; Aneesh Y.M.; Bindu B.	Single event effects in stacked complementary multi-gate FET logic inverters	Physica Scripta	100	5			2.6	10.1088/1402-4896/adc6cf
3192	Adithya V.; Bharath P.; Polishetty A.; Abimannan G.	Surface modification of closed cell titanium foam through electrical discharge texturing	Physica Scripta	100	5			2.6	10.1088/1402-4896/adc770
3193	Ilakiyalakshmi M.; Dhanasekaran K.; Roopan S.M.; Napoleon A.A.	Phenothiazine-Indole Acetonitrile Based Ratiometric Chemosensor for S2− Ions: Applications To Environmental Samples and Living Cells	Journal of Fluorescence					2.6	10.1007/s10895-025-04276-0
3194	Paavankumar S.; Karthik R.; Idayachandiran G.; Sri P.P.D.; Illakiya T.	Classification of benign and malignant breast lesions in mammograms using dense-unified multiscale attention network and data-efficient image transformers	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-025-01618-8
3195	Nandhini S.K.; Pandian J.A.	Fractal dimension analysis for improved decision-making in non-stationary multi-arm bandit problems: a machine learning approach	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-025-01581-4

3196	Sandhya S.N.; Karthika T.; Swetha V.; Jeevitha G.C.	Development and characterisation of millet-based synbiotic paneer containing Lactiplantibacillus plantarum microencapsulated using millet protein isolate and pectin	International Journal of Food Science and Technology	60	1			2.6	10.1093/ijfood/vvaf037
3197	Selvam P.; SK A.K.; Manjappa K.B.	Microwave-Assisted Synthesis of Triphenyl Amine-Based Phenyl Quinazolines: Investigation of Photophysical and Fluorescence Switching Behavior	Journal of Fluorescence					2.6	10.1007/s10895-025-04249-3
3198	Shyam M.; BM O.; Srirangan P.; N N.; Sabina E.P.	Targeted miRNA Delivery in Epilepsy: Mechanisms, Advances, and Therapeutic Potential	Molecular Biology Reports	52	1			2.6	10.1007/s11033-025-10436-z
3199	Shyam M.; Sidharth S.; Veronica A.; Jagannathan L.; Srirangan P.; Radhakrishnan V.; Sabina E.P.	Diabetic retinopathy: a comprehensive review of pathophysiology and emerging treatments	Molecular Biology Reports	52	1			2.6	10.1007/s11033-025-10490-7
3200	Srirangan P.; Shyam M.; Radhakrishnan V.; Prince S.E.	NLRP3 as a therapeutic target in cyclophosphamide-associated toxicities	Molecular Biology Reports	52	1			2.6	10.1007/s11033-025-10479-2
3201	Harshini P.; Varghese R.; Pachamuthu K.; Ramamoorthy S.	Enhanced pigment production from plants and microbes: a genome editing approach	3 Biotech	15	5			2.6	10.1007/s13205-025-04290-w

3202	Roopan S.M.; Khadanga L.; Dondi D.; Vadivel D.	Recent Advancements in Human Hair Protein-Based Nanomaterials: Applications in Organic Synthesis and Photocatalytic Degradation	Waste and Biomass Valorization					2.6	10.1007/s12649-025-03053-1
3203	Supreethee S.; Vashishth R.	Unlocking the potential of palm tree starch: a review on modification techniques and its application	International Journal of Food Science and Technology	60	1			2.6	10.1093/ijfood/vvaf009
3204	Santhosh Kumar A.; Sivakumar L.; Rajadesingu S.; Sathish S.; Malik T.; Parthipan P.	Sustainable corrosion inhibition approaches for the mitigation of microbiologically influenced corrosion -a systematic review	Frontiers in Materials	12				2.6	10.3389/fmats.2025.1545245
3205	Devarasan E.; Nagarajan D.; Rachel J.	Advancing sustainable mobility in India with electric vehicles: market trends and machine learning insights	Frontiers in Energy Research	13				2.6	10.3389/fenrg.2025.1500515
3206	Annadurai P.; Isaac A.E.	Prediction of key pathways in hepatocellular carcinoma (HCC): A machine learning approach using a sample pathway information matrix	Computational Biology and Chemistry	118				2.6	10.1016/j.compbiolchem.2025.108481
3207	Priya S.S.; Suseem S.R.	Nitrogen-Doped Carbon Dots from Borreria Hispida: For Fluorometric Sensing of VO2+ Ions and Live Cell Imaging Applications	Journal of Fluorescence					2.6	10.1007/s10895-025-04341-8

3208	Kulsoom; Ali W.; Ahmad S.; Khan I.A.; Soni T.K.; Masood A.; Iqbal M.O.; uglu V.S.O.; Djumaniyazova M.X.; Cholavaram A.S.; Abdulrahmon M.A.; Wang F.	Sepsis-related immune signature C3 in endometrial carcinoma: implications for prognosis, tumor progression through bioinformatics and experimental validation	Molecular Biology Reports	52	1			2.6	10.1007/s11033-025-10559-3
3209	Upender P.; Kumar A.	A Compact Circularly Polarized MIMO DRA for UAV Applications	Arabian Journal for Science and Engineering					2.6	10.1007/s13369-025-10214-w
3210	Jayakumar V.; Visuvasam J.A.	Investigation on Failure Analysis of Tunnel Lining Covered with Isolation Layer Under Fault Movement and Earthquake Excitation	Transportation Infrastructure Geotechnology	12	5			2.6	10.1007/s40515-025-00607-7
3211	Biradar A.; Rijesh M.	Bidriware Brilliance: Unveiling the Metallurgical Alchemy of Deccan’s Unique Metal Artistry	International Journal of Metalcasting					2.6	10.1007/s40962-025-01622-7
3212	Senthilkumar J.; Loganathan T.G.; Gopalan V.; Sakthivel T.G.	Wear performance of heat-treated AA6061- SiC- Gr hybrid metal matrix composites	Physica Scripta	100	5			2.6	10.1088/1402-4896/adca6f
3213	Kameshwari A.V.S.; Balakrishnan S.	Chaos prevention in a correlated noisy dynamic Stackelberg duopoly game through the B-gate	Physica Scripta	100	6			2.6	10.1088/1402-4896/adce48
3214	Kumar M.; Upadhye N.S.; Chand A.K.B.	Recurrent fractal interpolation for data with generalized tempered stable noise: an application to NIFTY data	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-025-01639-3

3215	Subhashri A.R.; Radhika T.; Chandrasekar A.	Robust dissipative sliding mode control synchronization of memristive inertial competitive neural networks with time-varying delay	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-025-01653-5
3216	Manjunath D.R.; Jagadeesh P.	Interdependence of temperature and land use on water quality in urban lakes, Vellore, Tamil Nadu, India	Frontiers in Water	7				2.6	10.3389/frwa.2025.1598238
3217	Sureshbabu M.D.; Bagyaveereswaran V.	Advanced Battery Management for Lithium-Ion EVs: Integrating Extended Kalman Filter and Modified Multi-Layer Perceptron for Enhanced State Monitoring	World Electric Vehicle Journal	16	4			2.6	10.3390/wevj16040234
3218	Mohankumar A.V.; Priya V.; Anbalagan S.; Radhakrishnan V.; Kandasamy J.; Mekata T.; Raja S.	Exploring microalgae-based strategies for the management of white spot syndrome virus: a comprehensive review	3 Biotech	15	6			2.6	10.1007/s13205-025-04337-y
3219	Gogulraj G.; Rajamurugan G.	A review on additive manufacturing of dissimilar metals: current challenges, industrial applications, and AI/ML integration strategies	Physica Scripta	100	5			2.6	10.1088/1402-4896/adce5c

3220	Venugopal J.; Mannayee G.	Enhanced the Microstructure, Mechanical Properties, and Porosity Analysis of AZ31/TiB2 Magnesium Alloy Metal Matrix Composite Through Ultrasonic Assisted Squeeze Casting Process	International Journal of Metalcasting					2.6	10.1007/s40962-025-01650-3
3221	Loganathan T.; Vasudevan K.; Fletcher J.; Abraham P.; kannangai R.; Doss C G.P.	Mutational dynamics and phylogenetic insights into monkeypox virus clade I evolution	Computational Biology and Chemistry	119				2.6	10.1016/j.compbiolchem.2025.108536
3222	Palanisamy T.B.; Arumugam M.	Transcriptomic profiling and biomarker discovery in pre-eclampsia: An integrated approach leveraging WGCNA and LASSO with ROC validation	Computational Biology and Chemistry	119				2.6	10.1016/j.compbiolchem.2025.108546
3223	Navis V.V.; Marappan R.	Natural and spectral embedding based Routing and Wavelength Assignment in Complete Josephus Cube on linear array WDM optical networks	Optical Fiber Technology	94				2.6	10.1016/j.yofte.2025.104276
3224	Pramitha M.; Praveen M.; Ratnam M.V.	Mesopause Insights: Unraveling Temperature and Height Trends Through SABER/TIMED and SD WACCM X Simulations	Journal of Geophysical Research: Space Physics	130	6			2.6	10.1029/2024JA033457
3225	Krishnamoorthy D.; Chaudhary R.; Chaudhary V.; Singh A.K.	Development of cohesive exfoliated h-BN-CuS nanosheets through an ultrasonic approach for hybrid supercapacitors	CrystEngComm	27	25	4389	4403	2.6	10.1039/d5ce00267b

3226	Karthikeyan N.; Iyer S.K.	Development of phenanthridine-based highly selective “Turn-ON” fluorescence chemosensor for the detection of Ru3+ in real-time	Photochemistry and Photobiology					2.6	10.1111/php.14122
3227	Vishnuppriyan P.L.; Karthik R.; Prabu B.A.; Agarwal K.	A dual path deep-learning network with multi-scale cross attention and pyramid vision transformer for citrus leaf disease detection	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-025-01731-8
3228	Kavitha C.; Gautam G.; Sudeep R.; Kannan C.; Ashok B.	Hybrid Vehicle Battery Health State Estimation Based on Intelligent Regenerative Braking Control	World Electric Vehicle Journal	16	5			2.6	10.3390/wevj16050280
3229	J., Jose, Jobin; P.M., Sutheesh, P. M.; B., Rohinikumar, Bandaru; V., Gumtapure, Veershetty; T.K., Hotta, Tapano Kumar	Numerical Investigation to Analyze the Effect of Various Operating Parameters on the Thermal Characteristics of Heat Pipe	Heat Transfer					2.6	10.1002/htj.70023
3230	J., Augustine, Joel; J., Abraham, Jayanthi	Fungal Biodegradation of Amlodipine and Lisinopril by Penicillium citrinum: Towards a Sustainable Approach to Pharmaceutical Wastewater Treatment	Current Microbiology	82	8			2.6	10.1007/s00284-025-04330-x

3231	N., Munusamy, Nagarajan; I., Vairavasundaram, Indragandhi	Enhancing grid stability and V2G integration by optimizing three-phase bidirectional EV chargers using ANFIS and FPGA-based control systems	Global Energy Interconnection					2.6	10.1016/j.gloei.2025.06.002
3232	A., Ittepadan, Anas; J.K., Behera, Jitendra Kumar; C., Nayak, Chittaranjan	Angle-independent equidistant multimode topological interface states in a 1-D photonic crystal heterostructure containing hyperbolic metamaterials	Physics Letters, Section A: General, Atomic and Solid State Physics	555				2.6	10.1016/j.physleta.2025.130798
3233	K.B., Sasidhar, K. B.; S., Murugavelh, Somasundaram; P., Ekambaram, Porpatham; S.K., Arumugam, Senthil Kumar	Tapping the bioenergy potential of milled coffee wastes: a study on the pyrolysis kinetics, response surface methodology, and techno-economic feasibility	Biofuels					2.6	10.1080/17597269.2025.2523658
3234	D., Geetha, D.; D., Gupta, Dhanoj	Electron impact partial ionization cross section of CH4, C2F6, C4F10 and C4F7N	Physica Scripta	100	7			2.6	10.1088/1402-4896/ade1b1
3235	G., Ananthakrishnan, Gayathri; R., Dass, Ruby; M., Narayanan, Manikandan	Optimum design of a novel plasmonic absorber-based material sensor using metaheuristic algorithm	Physica Scripta	100	7			2.6	10.1088/1402-4896/ade40b
3236	T.D., Rao, T. D.; K., Shalini, K.; R., Abinaya, R.; A.K., Nandi, Ashish Kumar	Ambiguity to precision: fuzzy based matrix double splitting algorithm to linear circuit equations	Physica Scripta	100	7			2.6	10.1088/1402-4896/ade42d

3237	M., Benisha, M.; M.V., Ranjith Kumar, M. V.; R.T., Prabu, R. Thandaiah; A., Kumar, Atul	At high temperatures, wide-bandgap solar cells perform better than low-bandgap counterparts	Physica Scripta	100	7			2.6	10.1088/1402-4896/adeaff
3238	N., Patel, Naisarg; S., Sarkar, Samrat; B.V.M., Murali, Bala V.M.; I., Kashyap, Ishan; T., Premkumar, T.; S., Vino, S.; S.L., Sudhakaran, Sajitha Lulu	Understanding the action of bamocaftor as a potential drug candidate against Cystic Fibrosis Transmembrane Regulator protein: A computational approach	PLOS ONE	20	07-Jul			2.6	10.1371/journal.pone.0328051
3239	J., Persiya, J.; S., Anbalagan, Sasithradevi	Synergistic fusion: An integrated pipeline of CLAHE, YOLO models, and advanced super-resolution for enhanced thermal eye detection	PLOS ONE	20	07-Jul			2.6	10.1371/journal.pone.0328227
3240	A., Sahu, Abhijeet; S., Jain, Sejal; M., Junghare, Mrunalini; A., Mishra, Ankita; R., Ruhal, Rohit	Biofilm-dispersal patterns in ESKAPE pathogens	Archives of Microbiology	207	9			2.6	10.1007/s00203-025-04394-0
3241	G., Arunkumar, G.; A., Deepa, Akepati; Y.K., Kumar Singla, Yogesh Kumar	A review on magnetorheological elastomers and piezoelectric materials to control vibration and harvest electrical energy	Journal of Electroceramics					2.6	10.1007/s10832-025-00419-8

3242	M., D, Manohar; U.R., M, Usha Rani	Optimization of polymer electrolytes for Li-ion batteries: focus on enhancement strategies and film casting techniques	Ionics					2.6	10.1007/s11581-025-06509-5
3243	T., Aarthy, Thirugnanam; A., Shukla, Abhishek; A., Tk, Adhila; R., Parasuraman, Rajasekar; P.D., Babu, Prabhu Delhi; R., Gopalan, Raghavan; E., Hemaprabha, Elangovan	Achieving ferromagnetism in single-crystalline bismuth ferrite nanoparticles through jet milling	Journal of Nanoparticle Research					2.6	10.1007/s11051-025-06413-z
3244	P., Sharma, Pankaj; S., Raju, Saravanakumar	Parameter estimation of PEM fuel cell by using Enhanced Arctic Puffin Optimization algorithm	Ionics					2.6	10.1007/s11581-025-06390-2
3245	S., Priyadarshini D, Sandhiya; T.P., Jose, Tony P.	Publication trends in rational emotive behavior therapy: A bibliometric analysis of the past three decades	Current Psychology					2.6	10.1007/s12144-025-08267-z
3246	R., Mani, Rajaparthiban; K., Madurakavi, Karthikeyan	Wideband beam steering from backfire to end-fire miniaturized leaky wave antenna with PAM-shaped SSPP structure	Physica Scripta					2.6	10.1088/1402-4896/adf0ac
3247	M., Ponniah, Mahalakshmi; P., Nallamuthu, Punithavelan	Computational investigation on lead-free halide double perovskites Cs2BiAuX6 (X = Cl, Br) for optoelectronic, and thermoelectric devices	Physica Scripta					2.6	10.1088/1402-4896/adf9a4

3248	F.S., Dalwai, Fahad Salim; S.P.R., Raja, S. Peter Raj	Enhanced Private Blockchain Security: Merging Proof of Authority and Proof of Work in a Hybrid Framework	IT Professional					2.6	10.1109/MITP.2025.3584210
3249	L., Sankar, Lakshmi; K., Arasu, Krishnamoorthy	Efficient multi-station air quality prediction in Delhi with wavelet and optimization-based models	PLOS ONE					2.6	10.1371/journal.pone.0330465
3250	A., Venkatesan, Amalan; J., Gitanjali, J.; S., Kulandaivel, Srinivasan; A.B., Ramajayam, Asokan Balakrishnan; S., Madhavan, S.; V., Natesan, Vijayakumar; S., Kim, Sung-jin	A Therapeutic Approach of Chitosan-loaded p-Coumaric Acid Nanoparticles to Alleviate Diabetic Nephropathy in Wister Rats	Current Pharmaceutical Biotechnology					2.6	10.2174/0113892010341665250114045145
3251	A., Suresh, Amarthya; M., Vaithilingam, Mohanasrinivasan	Microbial proteases as emerging anti-inflammatory therapeutics: a comprehensive review	Archives of Microbiology					2.6	10.1007/s00203-025-04409-w
3252	M.V., Ratnam, M. Venkata; N.R., Seelam, Narasimha Reddy; S.K., Kaliyavaradhan, Senthil Kumar; K., Nagamalleswara Rao, K.; N., Rajpal, Nikita	Exploring the potential of magnetic nanoparticles in lipase immobilization for enhanced biodiesel production: a comprehensive review	Biofuels					2.6	10.1080/17597269.2025.2528320

3253	L., Maddi, Lakshmiprasad; R., Angalakurthi, Rambabu; S., Prabhavathi, S.; S.M., Gali, Swapna M.; K.K., Tadi, Kiran Kumar	SnO??TiO? heterojunction nanocomposite for electrochemical supercapacitor applications	Ionics					2.6	10.1007/s11581-025-06702-6
3254	N., Hemnath, N.; S., Raut, Santanu; S., Saha, Sandip; A., Bhushan, Awani	Computing optimal solutions with artificial neural network for the non-autonomous generalized perturbed KdV equation	Physics Letters, Section A: General, Atomic and Solid State Physics					2.6	10.1016/j.physleta.2025.130969
3255	H., Shekhar, Himanshu; G., Ojha, Gauri; P., Gupta, Pranav; U., Patri, Upender	Design, fabrication, and ML-based optimization of a high-performance metamaterial absorber for emerging applications	Physica Scripta					2.6	10.1088/1402-4896/adfd2e
3256	N.K.S., Nayak, Nanavath Kiran Singh; B., Bhattacharyya, Budhaditya	Multilayered SDN security with MAC authentication and GAN-based intrusion detection	PLOS ONE					2.6	10.1371/journal.pone.0331470
3257	R., Guchhait, Romita; S., Ramaiah, Sudha	Integrated machine learning, molecular dynamics, and DFT-based approach to elucidate the inhibitory effect of Ciprofloxacin analogues against fluoroquinolone-resistant Salmonella Typhi	Archives of Microbiology					2.6	10.1007/s00203-025-04452-7

3258	R., Asaithambi, Ravindiran; R., Kumar, Rajkishor	Self-Diplexing SIW Rectangular Cavity-Backed Antenna Featuring TE210 and TE220 Modes with a Modified Inverted Z-Shaped Radiating Slot	Electronics (Switzerland)					2.6	10.3390/electronics14163198
3259	M., Girija, M.; T., Sampath kumar, T.	Synergistic effects of akermanite/zirconia bio ceramics into PMMA, efficacy of composites for orthopaedic applications	Physica Scripta					2.6	10.1088/1402-4896/adfba9
3260	S.A., Dinakararaja, Samyuktha Arimalai; R., Loganathan, Rangasamy; N., Easwaran, Nalini; K.R., Ethiraj, Kannatt Radhakrishnan	Divergent Synthesis, Antibacterial and Antibiofilm Evaluation, and In Silico ADMET Analysis of Hydroxy Flavanones, Flavones, Aurones, and O-Propynyloxy Aurones	APMIS					2.6	10.1111/apm.70069
3261	K., Samuvel Muthiah, Kayalvizhi; K., Lakshminarayanan, Kalaiarasu; Y., Chien Lin, Yu; U., Dhawan, Udesh; R., Loganathan, Rangasamy; R.J., Chung, Ren Jei	Copper and Iron-Based Metal-Organic Frameworks for Synergistic Cancer Phototherapies: Recent Advances, Challenges, and Future Prospects	Advanced Therapeutics					2.6	10.1002/adtp.202500117

3262	J., Avinash, Jayaprakash; T., Chellapandi, T.; J., Mohan, Jagan; L., Dhamotharan, Logesh; V., Vinayagam, Vinusam; S.P., Vijaya Chamundeeswari, S. P.	Recent advances in Cu2O-based composites photocatalysts for chromium(VI) reduction: a mini review	Ionics					2.6	10.1007/s11581-025-06664-9
3263	Dar, Z.M.; Arrutselvi, M.; Muthusamy, C.; Natarajan, S.; Manzini, G.	A conforming virtual element framework for the time-fractional semi-linear reaction?diffusion equation on polygonal meshes	Journal of Computational and Applied Mathematics	476				2.6	10.1016/j.cam.2025.117100
3264	Dhandapani, V.; Subramanian, S.	A cyclization-driven ratiometric fluorescent probe for hypochlorite detection: targeted sensing and visualization in plant samples and living cells	Analytical Methods					2.6	10.1039/d5ay01123j
3265	Nagarajan, N.; Santhosh Kumar, S.K.	An fuzzy fault tree analysis with evidence theory based efficient fault node diagnosis in wireless sensor networks	Peer-to-Peer Networking and Applications	18	6			2.6	10.1007/s12083-025-02107-4
3266	Kwatra, N.; Abraham, J.	Comparative evaluation of 1,3,5-triazine-2,4,6-triamine biodegradation by Penicillium hetheringtonii and Fusarium sp	Archives of Microbiology	207	12	320		2.6	10.1007/s00203-025-04525-7

3267	Aslam, S.S.; Kayalvizhi, K.; Vinod, K.; Madapu, K.K.; Kishan Singh, Ch.K.; Jegadeesan, P.; Pan, S.; Ponraj, C.; Mani, A.	Comparative studies on structural and electronic transport properties of La2ZnMnO6, La2NiTiO6 and La2NiRuO6 double perovskites	Physica Scripta	100	10			2.6	10.1088/1402-4896/ae0bc2
3268	Mahapatra, D.K.; Frery, A.C.; Dwivedy, B.; Pradhan, B.B.	Computationally efficient CFAR detector for K-distribution SAR clutter	International Journal of Remote Sensing	46	20	7465	7482	2.6	10.1080/01431161.2025.2549535
3269	Gopikrishnan, M.; Ramireddy, S.; Bakathavatchalam, Y.D.; Varghese, R.P.; D.T.; Lal, B.; Manesh, A.; Walia, K.; Balaji, B.; Priya Doss, C.G.	Evaluating Antibacterial Efficacy of Cefiderocol and Cefepime/Taniborbactam Against OXA-48-Like and NDM-Expressing Enterobacterales: An In-Vitro and In-Silico Approach	Current Microbiology	82	12			2.6	10.1007/s00284-025-04543-0
3270	Darshini, R.; Kumar, A.; Maria Anu, M.A.; Rishikeshan, C.A.; Victor, J.T.J.	Forecasting electricity consumption of India through nighttime satellite imagery	PLOS ONE	20	09-Sep			2.6	10.1371/journal.pone.0327031
3271	Kumar, D.; Rakshit, J.K.; Singh, M.P.; Nayak, C.; Bin, A.R.	High-Q photonic crystal-based cascaded concentric microring resonator with topological edge states for cancer detection	Physics Letters, Section A: General, Atomic and Solid State Physics	564				2.6	10.1016/j.physleta.2025.131061
3272	Bharathi, P.S.; Pavithra, R.	Hybrid meta-heuristic strategy based on Firefly and Coyote optimization for area coverage enhancement in Directional Sensor Network	Evolutionary Intelligence	18	5			2.6	10.1007/s12065-025-01087-x

3273	Sasikumar, D.S.N.; Vino, V.	Machine learning-based transcriptomic analysis identifies NAMPT and SAT1 as potential biomarkers and therapeutic targets in ferroptosis-associated rheumatoid arthritis	PLOS ONE	20	09-Sep			2.6	10.1371/journal.pone.0333556
3274	George, E.A.; Naha, A.; Ramaiah, S.	Novel antimicrobial peptide HFIAP-1 mutant as a ?-lactamase inhibitor against extended-spectrum ?-lactamases of Escherichia coli: a comprehensive in-silico approach	Archives of Microbiology	207	11			2.6	10.1007/s00203-025-04483-0
3275	Rambabu, A.; Kuraganti, K.; James Raju, K.C.J.	Tin dioxide (SnO2) thin films as anodes for sodium-ion thin film batteries	Journal of Solid State Electrochemistry					2.6	10.1007/s10008-025-06456-1
3276	M, S.; L, M.K.; Svn, S.K.; K, T.	A comprehensive review on authentication, threats and privacy preserving challenges for securing smart transportation infrastructure	Peer-to-Peer Networking and Applications	18	6			2.6	10.1007/s12083-025-02125-2
3277	Yuvaraj, V.; Patibandla, D.; Krishnan, D.; Rameshpathy, M.	A comprehensive review on microbial production of vanillin: metabolic engineering strategies and pathway-specific yields across microbial hosts	Archives of Microbiology	207	11			2.6	10.1007/s00203-025-04516-8

3278	Baby, M.; Priya, V.; Pallavi, J.; Karthik Chand, B.; Srinivasan, L.V.; Rana, S.S.; Tawil, S.; Haque, S.; Ghosh, P.; Bhattacharya, P.; Khan, M.O.; Perwez, S.K.; Ahmad, F.	A Narrative Review of Outcomes, Comorbidities, and Alternative Behavioral Interventions in Adolescent and Adult Women with ADHD	International Journal of Women's Health	17		3201	3228	2.6	10.2147/IJWH.S511297
3279	Sridhar, N.; Krishnan, D.; Manian, R.	Advancing microalgal bioethanol production: a focus on nanotechnology, genetic engineering, and advanced chemical methods	Biofuels					2.6	10.1080/17597269.2025.2572000
3280	Jain, P.; Chandan, M.R.; Shaik, A.H.	Layered 2D MXenes: a promising alternative to conventional 2D materials	Physica Scripta	100	9			2.6	10.1088/1402-4896/ae0534
3281	Das, A.; Sudhakaran, S.S.; Vaishnavi, J.; Manam, M.; Kanagavel, K.; Samuel, J.; Osborne, J.W.	Metabolomic and systems biology insights into lead stress tolerance of Pennisetum purpureum bioaugmented with Enterobacter cloacae	Archives of Microbiology	208	1			2.6	10.1007/s00203-025-04554-2
3282	Tamilselvan, M.; Radhakrishnan, V.; Sudhakaran, S.	Unravelling the Probiotic Potential of Raw Goat Milk Lactic Acid Bacteria and their Antagonistic Properties Against Aquatic Pathogens Belonging to Vibrio Species	Current Microbiology	83	1			2.6	10.1007/s00284-025-04567-6
3283	Azad, H.K.	Query-based automatic text summarization using query expansion approach	Data and Knowledge Engineering	162				2.6	10.1016/j.datak.2025.102531

3284	Krishnan, D.; Angappan, A.	Structural elucidation, nuclease activity, protein binding, docking, and ADMET studies of nickel, copper, and zinc complexes	Polyhedron	284				2.6	10.1016/j.poly.2025.117886
3285	Borse, K.U.; Sugandhi, N.N.; Batra, C.; Maria Anu, M.	Automated forest land division using deep learning and drone imagery	PLOS ONE	20	10-Oct			2.6	10.1371/journal.pone.0335009
3286	Kumar, M.A.; Manikandan, G.; Richard, L.; Sanjana, P.	Fuzzy guided ensemble inference system for brain tumor classification	Brain Research	1869				2.6	10.1016/j.brainres.2025.150030
3287	Akhila, U.; Chacko, A.; Priyadarshini, M.; Rajesh, P.P.	Utilization of Chlorella vulgaris biomass in microbial fuel cell as a feed and the study on its degradation pathway	Water Science and Technology	92	8	1104	1117	2.6	10.2166/wst.2025.147
3288	Nivedhitha, D.M.; Jeyanthi, S.; Rajalakshmi, R.; Valarmathi, P.; Viswapriyan, A.S.; Nishaanth, S.G.; Ranjith, S.M.	A comparative analysis of flexible pvdf based smart films for advanced electromagnetic shielding applications using a machine learning approach	Physica Scripta	98	12			2.6	10.1088/1402-4896/ad0c32
3289	Karuna, Y.; Allapakam, V.; Priyanka, S.; Hussian, S.K.R.; Nalwaya, P.; Saritha, S.	Brain tumour segmentation in fused MRI-PET images with permutate U-Net framework	PLOS ONE	20	12-Dec			2.6	10.1371/journal.pone.0335952
3290	Benarjee, S.; Vaegae, V.N.	A computational approach for prediction of exons using static encoding methods, digital filter and windowing technique	Frontiers in Signal Processing	5				2.6	10.3389/frsip.2025.1679555

3291	Sangeetha, R.; Navaneetha, B.; Sharmila, B.; Vagini, K.J.	Enhancing Creditworthiness Assessment for Financial Inclusion Using Multi-Component Attention Graph Convolutional Networks	Asia-Pacific Financial Markets					2.6	10.1007/s10690-025-09581-z
3292	Palanichamy, C.; Thirumoorthi, S.P.; Lakshminarayanan, K.; Madathil, D.; Rahman, M.H.	Multimodal brain-computer interface for robotic control: integration of real-time gaze tracking and EEG-based motor imagery	Medical and Biological Engineering and Computing					2.6	10.1007/s11517-025-03489-6
3293	Padala, H.; Musku, A.; Paul, S.; Mahapatra, D.K.	A novel waterbody change detection in optical remote sensing data using a modified U-Net	International Journal of Remote Sensing					2.6	10.1080/01431161.2025.2599442
3294	Venkatesan, B.V.; Anbarasu, A.; Rajiniraja, R.	Comparative analysis of quorum sensing mechanisms in Pseudomonas aeruginosa and Klebsiella pneumoniae: implications for antibiotic resistance	Archives of Microbiology	208	1			2.6	10.1007/s00203-025-04603-w
3295	Meka N., Krishnan S.	Flexible ultrawide band frequency selective surface for shielding applications	Journal of Magnetism and Magnetic Materials	616				2.5	10.1016/j.jmmm.2025.172807
3296	Dhanushkodi K., Venkataramani K., Naghul Pranav K.R., Sethuraman R.	BGHO-E2EB Model: Enhancing IoT Security With Gaussian Artificial Hummingbird Optimization and Blockchain Technology	Transactions on Emerging Telecommunications Technologies	36	1			2.5	10.1002/ett.70037
3297	Dinesan D.; John B.	Mitigation of Shock wave boundary layer interaction using surface arc plasma energy actuators: A computational study	Computers and Fluids	290				2.5	10.1016/j.compfluid.2025.106569

3298	Govindaraj N.; Iyyappan G.; Barman T.; Shukla P.; Singh A.K.	A NUMERICAL STUDY OF CASSON NANOFLUID FLOW EMBEDDED IN A RIGA PLATE WITH IRREGULAR BOUNDARIES	Journal of Porous Media	28	5	89	106	2.5	10.1615/JPorMedia.2024051989
3299	Vijay Anand R.; Alagiri I.; Jayalakshmi P.; Brahmam M.G.; Abdullah A.B.	Lattice Homomorphic Assisted Privacy Preserving Electronic Health Records Data Transmission in Internet of Medical Things Using Blockchain	Transactions on Emerging Telecommunications Technologies	36	2			2.5	10.1002/ett.70070
3300	Rekha D.; Pavithra L.	TSCH in Edge IoT: A Comprehensive Survey of Research Challenges	Transactions on Emerging Telecommunications Technologies	36	3			2.5	10.1002/ett.70088
3301	Benitto J.J.; Vijaya J.J.; Saravanakumar B.; Kennedy L.J.	Microwave-driven eco-friendly fabrication of CuZrO3@GNP for superior asymmetric energy storage devices	Applied Physics A: Materials Science and Processing	131	3			2.5	10.1007/s00339-025-08348-7
3302	Suresh R.; Karuppasamy R.	Seaweed-based PPO inhibitors as a new frontier in biological weed control for sorghum cultivation: from ocean to field	Protoplasma					2.5	10.1007/s00709-025-02049-x
3303	Viswanathan B.; Lakshmi B.	Enhancing Educational Certificate Management and Verification with Blockchain Technology	Journal of Computer Information Systems					2.5	10.1080/08874417.2025.2456752
3304	Ramesh V.; Kumaresan P.	Stacked ensemble model for accurate crop yield prediction using machine learning techniques	Environmental Research Communications	7	3			2.5	10.1088/2515-7620/adb9c0

3305	Keerthana S.B.; Kubendran A.	Need and challenges of palliative care in tribal people: a qualitative analysis	BMC Palliative Care	24	1			2.5	10.1186/s12904-025-01711-8
3306	Chakaravarthy R.; Suresh S.; Gomathi R.; Geng Y.; Ren W.; Vizhi R.E.	Nucleation kinetics, FTIR, DFT and Hirshfeld surface analysis of sodium hydrogen oxalate hydrate (NaHC2O4·H2O) single crystal	Results in Chemistry	15				2.5	10.1016/j.rechem.2025.102164
3307	Preethi R.K.; Kannadasan S.; Shanmugam P.	Synthesis of Dispiro-[Indoline-3,1′-Cyclopropane-2′,3′′-Indoline]-2,2′′-Diones via Thermal [2+1] Cycloaddition Between 3-Alkylidene-7-Aza-2-Indolones and 3-Diazo-7-Aza-2-Oxindoles	European Journal of Organic Chemistry	28	14			2.5	10.1002/ejoc.202401359
3308	Desai K.J.; Santhosh M.; Akashvarunan P.; Abarna P.; Hariprasad B.S.; Babu S.G.; Pratheepkumar A.	Synthesis of S-aryl dithiocarbamates and its in-silico studies	Results in Chemistry	15				2.5	10.1016/j.rechem.2025.102257
3309	Tamizh Arasi G.S.; Rubini P.; Sriharipriya K.C.; Shankar A.; Bhushan B.; Bansal A.	Blockchain Assisted Secure Authentication Protocol for Aerial Surveillance in IoT-Based Smart Agriculture	Transactions on Emerging Telecommunications Technologies	36	4			2.5	10.1002/ett.70118
3310	Latha P.; Kumaresan P.	Deep learning model optimization for crop prediction and recommendation using Harris Hawks optimization	Environmental Research Communications	7	4			2.5	10.1088/2515-7620/adc548

3311	Gomathi N.; De P.	THREE-DIMENSIONAL ROTATING, UNSTEADY CASSON WILLIAMSON NANOFLUID FLOW WITH ACTIVATION ENERGY AND CHEMICAL REACTION OVER DARCY-FORCHHEIMER POROUS MEDIA	Journal of Porous Media	28	8	45	71	2.5	10.1615/JPorMedia.2024052174
3312	Saha S.; Bora S.N.; Das S.	Damping of ocean waves by a porous disk submerged in a two-layer fluid	European Journal of Mechanics, B/Fluids					2.5	10.1016/j.euromechflu.2025.204263
3313	Akhouri S.; Balasundaram A.	EmoSRE: Emotion prediction based speech synthesis and refined speech recognition using large language model and prosody encoding	Current Psychology					2.5	10.1007/s12144-025-07705-2
3314	Priya V.; Srinivasan D.; Priyadarsini S.; Dabaghzadeh F.; Rana S.S.; Chengaiyan J.G.; Sudesh R.; Ahmad F.	Anxiolytic, Antidepressant and Healthy Sleep-Promoting Potential of Rosmarinic Acid: Mechanisms and Molecular Targets	Neuropsychiatric Disease and Treatment	21		641	661	2.5	10.2147/NDT.S501597
3315	Sathish Kumar P.J.; Verma N.; Gupta S.; Jothilakshmi R.	Security and Privacy Preservation via Interference Tolerant Fast Convergence Zeroing Neural Network With Reptile Search Optimization Algorithm in Fog-Cloud Computing	Transactions on Emerging Telecommunications Technologies	36	4			2.5	10.1002/ett.70114
3316	Sivasankar S.; Markkandan S.	Hybrid Optimization for IRS-Aided Secure Communication: A Gradient Projection and Dynamic Security Framework	Transactions on Emerging Telecommunications Technologies	36	5			2.5	10.1002/ett.70149

3317	Divya P.; Vijayakumar B.; Flower N.A.L.; Sujatha R.A.; Vinitha G.; Rahulan K.M.	Defect state enhanced third order thermo-optic nonlinearity in Bi3+ doped MnWO4 nanostructures	Applied Physics A: Materials Science and Processing	131	6			2.5	10.1007/s00339-025-08549-0
3318	Venkatesan K.; Babu D.R.; Vidya R.	Evaluation of antimicrobial and anti-cancer activity of Zn2+ doped cobalt ferrite (Co1-xZnxFe2O4) magnetic nanoparticles prepared by self-sustained solution combustion synthesis (SCS)	Applied Physics A: Materials Science and Processing	131	6			2.5	10.1007/s00339-025-08557-0
3319	Vinodhini V.; Vijayakanth V.; Brahadeeswaran S.; Tamizhselvi R.; Chintagumpala K.	Superparamagnetic heating and cytotoxicity properties of bimagnetic core-shell nanoparticles ligated with different dispersants	Applied Physics A: Materials Science and Processing	131	6			2.5	10.1007/s00339-025-08578-9
3320	Poonkuzhali S.; Jayagopal R.	Dominated coloring in certain trees	Computational and Applied Mathematics	44	5			2.5	10.1007/s40314-025-03207-w
3321	Karthikeyan S.; Muthu Kumar B.; Kiran M.L.; Srivatsan K.	Computational Brain Imaging Framework for Neurological Mapping and Disorder Classification Using Multimodal Image Processing	International Journal of Computational Intelligence Systems	18	1			2.5	10.1007/s44196-025-00852-1
3322	Sampathkumar S.; Augustin F.; Thilagasree C.S.; Marimuthu P.R.; Dincer H.; Yuksel S.; Manirathinam T.; Narayanamoorthy S.	LR-Type Intuitionistic Dense Fuzzy Defuzzification Based Decision Support for Earthquake Rescue Robot Selection	International Journal of Information Technology and Decision Making					2.5	10.1142/S0219622025500373

3323	Maity T.; Prakash A.; Roy D.; Prashanth K.G.	In Situ Al3BC/Al Composite Fabricated via Solid-Solid Reaction: An Investigation on Microstructure and Mechanical Behavior	Applied Sciences (Switzerland)	15	9			2.5	10.3390/app15095189
3324	Lavanya V.; Santhakumar K.; Senthil Kumar A.	High-Performance Oxidation and Nanomolar Detection of Phenylhydrazine Using a 6-Hydroxyflavone-Based Molecular Electrocatalyst Functionalized Multiwalled Carbon Nanotube in Batch Injection Analysis	ChemistryOpen					2.5	10.1002/open.202500140
3325	John Stephen Mario A.; Alam P.; Manam S.R.	Circumferential interaction of shear waves with doubly piezomagnetic materials made cylindrical structure	Applied Physics A: Materials Science and Processing	131	7			2.5	10.1007/s00339-025-08595-8
3326	Das P.; Chilakapati K.S.; Madhav B.T.P.	Analysis of deep learning optimized biodegradable metasurface integrated antennas for 5G wearable applications	Applied Physics A: Materials Science and Processing	131	6			2.5	10.1007/s00339-025-08656-y
3327	Balachandran K.P.; Bhuvaneswari M.	Barriers to promptitude in seeking early intervention for children with neurodevelopmental disorders - insights from parents and professionals	Current Psychology					2.5	10.1007/s12144-025-07973-y
3328	Thulasirangan Lakshmidevi M.; Reddy K.S.K.K.; Al-Ameri R.; Kafle B.	A Review on Design Considerations and Connection Techniques in Modular Composite Construction	Applied Sciences (Switzerland)	15	10			2.5	10.3390/app15105256

3329	P., Mohanasundaram, Palanivelmurugan; M.S., Antoneyraj, Mary Saral	Neem Flower Extracts as a Source of Bioactive Compounds: In-vitro Antitumor and Larvicidal Evaluation, Biomolecular Interactions, and Density Functional Theory Insights	Chemistry and Biodiversity					2.5	10.1002/cbdv.202501147
3330	I., Sundaresan, Ishvaria; N., Palanisamy, Nallasivam; R., Saraswathy, Radha	Exploring Latent Prostate Cancer: A Forensic Autopsy Study in South India	Prostate					2.5	10.1002/pros.70010
3331	M., Balasubbareddy, M.; K., Sivasankaran, K.; A.E., Atamuratov, Atabek E.; M.M., Khalilloev, M. M.	Self-heating-induced junctionless stacked nanosheet FET RF stability performance degradation analysis and optimization	Journal of Computational Electronics	24	5			2.5	10.1007/s10825-025-02384-5
3332	M., Bhaskaraiah, M.; S., Kaleemulla, Shaik	Structural, Optical, Dielectric, and Photocatalytic Studies of CuFeS2 Nanoparticles Synthesized by Hydrothermal and Solvothermal Methods	Journal of Electronic Materials					2.5	10.1007/s11664-025-12177-y
3333	K., Jyothish, K.; R., Santiago, Roy; K.B., Gayathri, K. B.	Comparative analysis of prediction models for the energetic properties of the trigonal triphenylenoid family using neighborhood degree-based topological descriptors and entropy measures	Chemical Papers					2.5	10.1007/s11696-025-04201-6

3334	B., Yogananda, Bhargav; S., Roy, Srijita; M.S.N.B., Pravallika, M. Sathya Naga Bala; R., Rajan, Reshma; K., George, Kevin; A.K., Sarangi, Ashish Kumar; S.T., Rajagopalan, Sanjay T.; D., Rajagopal, Desikan	Integrated Approach towards Potential Therapeutic Agent for Inflammation-Mediated CVD Utilizing Computational and Experimental Studies	Cell Biochemistry and Biophysics					2.5	10.1007/s12013-025-01807-1
3335	P., Mahesh, Pulimi; E., Kamalanaban, Ethala; C., Nayak, Chittaranjan; D., Panigrahy, Damodar	A comprehensive study on photonic bandgap broadening: hybridized and cascaded photonic structures	Journal of Optics (India)					2.5	10.1007/s12596-025-02803-7
3336	R., Samraj, Raj; R.M.R., Pannem, Rama Mohan Rao	Incorporation of 2D nanomaterial - Graphene Oxide (GO) in fibre reinforced cementitious composites: impact on hydration, mechanical and microstructure characteristics	Nano Express	6	3			2.5	10.1088/2632-959X/adef1d
3337	S., Jeyaraj, S.; R., Santiago, Roy; C.S., Ponnusamy, Chandra Sekar; J.M., Thomas, Jain Maria; M.N., Husin, Mohamad Nazri; A., Fathi, Abdelli	Efficient Generation of Specific Counting Polynomials and their Subsequent Indices of Complex Boric Acid Structure	Current Organic Synthesis					2.5	10.2174/0115701794366590250414051549

3338	S., Kundu, Shreyasi; S., P.k, Suresh	Triple Negative Breast Cancer Heterogeneity and Tumour Micro-environment-based Model Systems Focus on Druggable Targets	Current Molecular Medicine					2.5	10.2174/0115665240387430250508080548
3339	A., Perumal, Arulmurugan; P., Krishnasamy, Prabu	Experimental Investigation of Electromagnetic Interference Performance of a Functionalized Jute Fiber with MWCNT/PEDOT:PSS	Journal of Electronic Materials					2.5	10.1007/s11664-025-12248-0
3340	M., Rajkumar, Mukundhan; S., Jose, S.; A.J., Rajan, A. John; A.E., Patterson, Albert E.	Design and multi-objective optimization of mandibular implant models with additive manufacturing constraints	International Journal on Interactive Design and Manufacturing					2.5	10.1007/s12008-025-02365-9
3341	R., Kirubakaran, Ramraji; S., Nagaraj, Suhas; V., Anna Subramanian, Vikhash; S.R., Chinnasamy, Saran Raj; V., Gopalan, Venkatachalam; P.S., Velu, P. Shenbaga	Optimization of dielectric constant and thermal conductivity behaviours of seaweed/aloe vera/hbn reinforced polymer composites using RSM-based GRA technique	International Journal on Interactive Design and Manufacturing					2.5	10.1007/s12008-025-02379-3
3342	E.N., Thomas, Evelin Nissy; P., Theeda, Prasad; P., T, Praveen	Enhanced image reconstruction in compressed sensing medical imaging via preconditioning	Computational and Applied Mathematics					2.5	10.1007/s40314-025-03348-y

3343	B., Mallick, Bandana; P., Parida, Priyadarsan; C., Nayak, Chittaranjan; M.K., Panda, Manoj Kumar; B., Prasad, Bibhu; G., Sahu, Gupteswar	Quantum image encryption scheme using DPS protocol based on 3D non-equilateral Arnold transform and URUK chaotic map	Optics Communications					2.5	10.1016/j.optcom.2025.132240
3344	K., Neerugatti, Kusuma; V., Pakala, Venugopal	Design of 2.54 GHz active inductor-based LC-voltage controlled oscillator for bluetooth/WLAN applications	Integration					2.5	10.1016/j.vlsi.2025.102487
3345	A., Dey, Ashutosh; S., Pothuraju, Surendra; R.K., Maurya, Rohit Kumar; V.K., Kumar, Vikash Kiran; M., Kumari, Megha; K., Padala, Kishor; M., Khatravath, Mahender	Cobalt-catalyzed Pauson-Khand synthesis of ?-extended tetrahydrocyclopentaquinolinones: photophysical properties and DFT analysis	New Journal of Chemistry					2.5	10.1039/d5nj01043h
3346	R., Upadhyay, Rimika; S., Andiappan, Selvakumar	Eco-friendly medical textiles: bamboo fabric functionalized with microencapsulated essential oil	New Journal of Chemistry					2.5	10.1039/d5nj01767j
3347	S.S., Das, Saumye Saran; R., Kumar, Raushan; M.R., Prusty, Manas Ranjan; T.K., Mahanta, Tapan Kumar; S.R., Patra, Subhra Rani	Hydraulic brake fault detection from acoustic signals using frequency domain filter bank integrated deep learning framework	Cogent Engineering					2.5	10.1080/23311916.2025.2549368

3348	V., Sreenivasulu, Vajjala; C.V., Ravikumar, C. V.	An Efficient Mutual Authentication and Fractional Lyrebird Optimization With Deep Learning?Based SIP-Based DRDoS Attack Detection	International Journal of Distributed Sensor Networks					2.5	10.1155/dsn/8828092
3349	J.L., Ravi, Janani Latha; S.S., Rana, Sandeep Singh	Enhanced Millet Milk Processing Through Enzymatic Treatment: A Response Surface Methodology Approach	Journal of Food Processing and Preservation					2.5	10.1155/jfpp/7549891
3350	T., Augustine, Tony; R., Santiago, Roy; S.V., Jeyaraj, S. Vijay; M., Azeem, Mohammad	Exploring Neighborhood Topological Descriptors for Quantitative Structure-property Relationship (QSPR) Analysis and Entropy Measures of Some Anti-cancer Drugs	Current Organic Synthesis					2.5	10.2174/0115701794349166241217085334
3351	K.B., Gayathri, K. B.; R., Santiago, Roy; S., Govardhan, Sriramulu	Hexagonal Fractals: Topological Indices, Fractal Dimensions, Structure-Property Modeling and its Applications	Current Organic Synthesis					2.5	10.2174/0115701794361800250116051003
3352	Y., Wang, Yipu; P., Wang, Pei; L., Li, Liqun; J., Zhang, Jian; Y., Zhang, Yulei; P., Jin, Peng; X., Wang, Xingxing; N., Kang, Nan; M.E., El Mansori, Mohamed Ei; K.G., Prashanth, K. G.	Effect of Si Addition on Microstructure and Mechanical Properties of SiC Ceramic Fabricated by Direct LPBF with CVI Technology	Applied Sciences (Switzerland)					2.5	10.3390/app15158585

3353	J., Inbarani, Jothinayagam; E., Manikandan, E.; I., Govindanarayanan, Idayachandran	A Novel Miniaturized Wideband Frequency-Selective Surface for Shielding Applications	Journal of Electronic Materials					2.5	10.1007/s11664-025-12315-6
3354	R.G.J., Sugesh, R. G.Jesuwanth; N.R.G., Sreevani, N. R.G.; V.R., Balaji, V. R.; M., Soroosh, Mohammad	High-performance 2D photonic crystal sensor for simultaneous detection of chemical and biological analytes	Journal of Optics (India)					2.5	10.1007/s12596-025-02889-z
3355	J.S., Junias, J. Singh; J., Clement, Joseph; M.P., Rahul, M. P.; M., Arockiaraj, Micheal; K., Balasubramanian, Krishnan	Distance-based network topologies of coro-graphenes	Chemical Papers					2.5	10.1007/s11696-025-04356-2
3356	A., Pootheri, Aswathi; M., Nagaraj, Medha; N., Raghuraman, Nethra; S., Dey, Sohini; S., R, Swathi; S., Bhattacharya, Sombodhi; Y., Yangchen, Yeshi; S.S., Iyer, S. Santoshi; M.R., G, Mohnish Ram; N., Ashok, Narmada	DNA damage and nuclear anomalies in peripheral blood lymphocytes from asthma patients and obese individuals	Mutation Research - Genetic Toxicology and Environmental Mutagenesis					2.5	10.1016/j.mrgentox.2025.503889
3357	N.J., Divya, Nune J.; N., Suresh Kumar, N.; R.K., Devi, Renuga Kanniga	Self-Attention-Based Deep Convolutional Sparse Dense Autoencoder Model With Chebyshev-Based Osprey Algorithm for Cardiovascular Disease Detection	Transactions on Emerging Telecommunications Technologies					2.5	10.1002/ett.70229

3358	R., Vijay Anand, Rajasekaran; G., Magesh, G.; I., Alagiri, I.; M., Guru Brahmam, Madala; C., Senthil Kumar, Chandrasekaran; M., Kesavan, M.; A.B., Abdullah, Azween Bin	Industrial Internet of Things Cyber Threats Detection Through Deep Feature Learning and Stacked Sparse Autoencoder Based Classification	Transactions on Emerging Telecommunications Technologies					2.5	10.1002/ett.70224
3359	M.R., Sumaiya, M. R.; J.B., Jeeva, J. B.	Dual wavelength handheld optical imager for human tissue imaging	Optics Communications					2.5	10.1016/j.optcom.2025.132404
3360	R., Gowdaman, R.; A., Deepa, Akepati	Enhanced Piezoelectric, Thermal, and Mechanical Performance of PVDF-HFP/CBT Nanofibers Reinforced with Reduced Graphene Oxide for Efficient Energy Harvesting	Journal of Electronic Materials					2.5	10.1007/s11664-025-12384-7
3361	P., Balakrishnan, P.; A., Anny Leema, A.; G.G.K., B, Gladys Gnana Kiruba; A., Gupta, Anjaneya; R., Aryan, Raj	Deep-track: A real-time animal detection and monitoring system for mitigating human-wildlife conflict in fringe areas	Journal for Nature Conservation					2.5	10.1016/j.jnc.2025.127063
3362	R., Rajan, Reshma; S., Karthikeyan, Sambantham; D., Rajagopal, Desikan	Reversible Myeloperoxidase Inhibition by Benzodioxole Carboxamides: Insights from In Silico and InVitro Studies	Cell Biochemistry and Biophysics					2.5	10.1007/s12013-025-01880-6

3363	M., C, Manimegalai; P.K., Kameswaran, Peri K.	Optimization of heat transfer efficiency of thermal stratification scenarios on the mixed convective transport past a vertical plate: Darcy-Forchheimer model	Cogent Engineering					2.5	10.1080/23311916.2025.2553568
3364	S., Anbarasu, Suvitha; A., Anbarasu, Anand	Data-Driven Discovery of a Key Regulator Cyclin A2 as a Promising Therapeutic Target in Hormone-Sensitive Cancers	Molecular Biotechnology					2.5	10.1007/s12033-025-01504-7
3365	Mohanraj, S.; Rajkumar, R.	A novel CNN?fuzzy?XAI approach for Alzheimer?s disease severity classification using brain MRI scans	Cogent Engineering	12	1			2.5	10.1080/23311916.2025.2575105
3366	Singh, S.; Kumar, A.S.; Akilan, S.; Reddy, K.	Design improvement of screw down stop valve assembly through K Means clustering algorithm	Cogent Engineering	12	1			2.5	10.1080/23311916.2025.2574528
3367	Devi, R.S.; A.R.	Effects of Thermal Aging on Mechanical Properties and Microstructure Characteristics of Mg E675 Alloy	International Journal of Metalcasting					2.5	10.1007/s40962-025-01780-8
3368	Girhe, R.; Bhaiyya, M.; Rewatkar, P.; Kahar, K.; Wankhede, P.R.; Kulkarni, A.S.; Kulkarni, M.B.; Balakrishnan, P.; Balpande, S.	Nanotechnology-Driven Triboelectric Nanogenerators: Materials, Mechanisms, Applications, and Sustainable Pathways to Commercialization	Journal of Electronic Materials					2.5	10.1007/s11664-025-12412-6

3369	Senthilkumar, H.; Arumugam, M.	Integrative bioinformatics and transcriptomic analysis identifies biomarkers in Polycystic Ovary Syndrome through machine learning approach	Journal of Steroid Biochemistry and Molecular Biology	255				2.5	10.1016/j.jsbmb.2025.106887
3370	Dora, R.R.; Meylan, M.H.; Mohanty, S.K.	Analysis of a moored floating piezoelectric wave energy converter in the presence of a wall	European Journal of Mechanics, B/Fluids	115				2.5	10.1016/j.euromechflu.2025.204390
3371	Hadkar, V.M.; Selvaraj, C.I.	HR-LCMS-Guided Phytochemical Profiling, Multi-Target Bioactivities, and In Silico Studies of Calophyllum apetalum Willd. Leaf Extracts	Chemistry and Biodiversity					2.5	10.1002/cbdv.202501331
3372	Srishty; Muhammed Navas, T.	Macroeconomic indicators and machine learning for financial bubble detection in the Indian stock market	Cogent Economics and Finance	13	1			2.5	10.1080/23322039.2025.2581353
3373	Tayal, S.; Rastogi, M.; Oliveira, O.J.; Mishra, U.	Optimizing Resource Utilization: Designing A Reverse Circular Logistics Supply Chain Network For The Paper Industry	Process Integration and Optimization for Sustainability					2.5	10.1007/s41660-025-00587-8
3374	Kesavaram, R.; Chandrasekaran, S.S.	Comprehensive investigation of rainfall infiltration and progressive failure mechanism of the Kavalappara Landslide in Kerala, comprising geophysical and geotechnical factors	Journal of Mountain Science	22	11	4133	4156	2.5	10.1007/s11629-025-9534-2

3375	Meena, R.; Vinu, S.; Omana, J.	Non-Invasive Diabetes Detection Through Human Breath Using Hybrid Octave-CenterNet Neural Network With DenseNet-77 Model	International Journal of Imaging Systems and Technology	35	6			2.5	10.1002/ima.70237
3376	Harish, S.; Sathyakam, P.U.	Dunn?s Method for Distinguishing Charge Storage Mechanisms in Supercapacitors: A Status Quo Review	Journal of Electronic Materials	54	12	10858	10872	2.5	10.1007/s11664-025-12481-7
3377	Jamjala, S.; Thulasirangan Lakshmidevi, M.; Karthik Reddy, K.S.K.K.; Kafle, B.; Al-Ameri, R.	A Critical Review on Synergistic Integration of Nanomaterials in 3D-Printed Concrete: Rheology to Microstructure and Eco-Functionality	Applied Sciences (Switzerland)	15	20			2.5	10.3390/app152011267
3378	Tran, C.-T.; Lin, C.; Saha, S.; Tsai, C.-C.	Hydrodynamic analysis on diffractions of linear water waves by a ?-shaped surface-piecing breakwater over uneven bottoms	Archive of Applied Mechanics	96	1			2.5	10.1007/s00419-025-02996-0
3379	Sunny, A.G.; Jayaprakash, J.	Unveiling the printing success of concrete 3D printed models: a simulation study with voxel print and abaqus using design of experiments	International Journal on Interactive Design and Manufacturing					2.5	10.1007/s12008-025-02455-8
3380	Kumar, M.D.B.; Gautham, V.; Dinakar, P.; Sahoo, A.; Reddy S A, N.J.; Oliveira, J.P.; Arivazhagan, N.; Manikandan, M.	Development of post-heat treatments to enhance the metallurgical and mechanical properties of pulsed directed energy deposited Ni-Cr-Mo superalloy-	Welding in the World, Le Soudage Dans Le Monde					2.5	10.1007/s40194-025-02285-y

3381	Sindhu, R.; Arunachalam, V.	Hardware efficient approximate activation functions for a Long-Short-Term Memory cell	Integration	107				2.5	10.1016/j.vlsi.2025.102627
3382	Anupriya, P.; Subramanian, S.	Design of a nitrogen-rich perylene-triazine porous organic polymer for iodine and CO2 adsorption	New Journal of Chemistry					2.5	10.1039/d5nj04018c
3383	Palanisamy, J.; Muthusamy, C.; Calle, H.	Numerical Modelling of Oblique Wave Interaction with Dual Curved-LEG Pontoon Floating Breakwaters	CMES - Computer Modeling in Engineering and Sciences	145	2	2017	2038	2.5	10.32604/cmes.2025.071958
3384	Rymzhina, A.; Pavelyev, V.; Sharma, P.; Mishra, P.; Kozlova, I.; Tripathi, N.	Two-Dimensional Heterostructures: Synthesis, Integration, and Technological Applications	Journal of Electronic Materials					2.5	10.1007/s11664-025-12551-w
3385	Sree Agash S.G., Rajasekaran R.	Selection of alkaliphilic Bacillus pectate lyases based on reactivity and pH-dependent stability in simulated environment for industrial applications	Carbohydrate Research	549				2.4	10.1016/j.carres.2024.109372
3386	Soroosh M., AL-Shammri F.K., Maleki M.J., Balaji V.R., Adibnia E.	A Compact and Fast Resonant Cavity-Based Encoder in Photonic Crystal Platform	Crystals	15	1			2.4	10.3390/cryst15010024
3387	Dhanush A., Vijayakumar V.	A discussion on the time optimal control results for a class of Hilfer fractional neutral dynamical systems	Journal of Applied Mathematics and Computing					2.4	10.1007/s12190-024-02352-5

3388	Johnson M., Vijayakumar V., Kwon K.	Results concerning the optimal control for second-order Sobolev-type stochastic integrodifferential equations with impulses and nonlocal conditions	Journal of Applied Mathematics and Computing					2.4	10.1007/s12190-024-02332-9
3389	Pradeesh J., Panda S.K., Vijayakumar V., Ma Y.-K.	A note concerning the optimal control results for Hilfer fractional stochastic differential equations of order 1<μ<2	Journal of Applied Mathematics and Computing					2.4	10.1007/s12190-024-02330-x
3390	Shahid A.U.; Nagarajan C.D.; Tufail H.S.; Imran M.	Investors' pro-environmental attitude, spirituality and socially responsible investing: a mediating role of greenwashing practices	Journal of Accounting and Organizational Change					2.4	10.1108/JAOC-03-2024-0102
3391	Nagarajan I.; Lakshmi Priya G.G.	A comprehensive review on early detection of Alzheimer's disease using various deep learning techniques	Frontiers in Computer Science	6				2.4	10.3389/fcomp.2024.1404494
3392	Shinde A.L.; Velmurugan P.; Sahoo A.K.; Revathi S.; Meena M.; Raja P.; Eisen M.S.; Ghatak T.	Chemistry of uranium and thorium complexes towards challenging transformation: A recent trends	Polyhedron	270				2.4	10.1016/j.poly.2025.117428
3393	Raja M.M.; Vijayakumar V.; Veluvolu K.C.	Higher-order caputo fractional integrodifferential inclusions of Volterra–Fredholm type with impulses and infinite delay: existence results	Journal of Applied Mathematics and Computing					2.4	10.1007/s12190-025-02412-4

3394	Dhanush A.; Vijayakumar V.	Results on the existence and time optimal control results for Hilfer fractional stochastic differential inclusions in Hilbert spaces	Journal of Applied Mathematics and Computing					2.4	10.1007/s12190-025-02385-4
3395	Nithya K.; Thilagavathi K.	Results on the well-posedness and uniqueness of abstract neutral integro-differential equations with state-dependent delay	Journal of Applied Mathematics and Computing					2.4	10.1007/s12190-025-02367-6
3396	Fuladi S.; Ruby D.; Manikandan N.; Verma A.; Nallakaruppan M.K.; Selvarajan S.; Meena P.; Meena V.P.; Hameed I.A.	A reliable and privacy-preserved federated learning framework for real-time smoking prediction in healthcare	Frontiers in Computer Science	6				2.4	10.3389/fcomp.2024.1494174
3397	Kesavan V.; Polisetty A.	An extensive examination of the influence of financial technology (Fintech) on advancing financial inclusion: a bibliometric investigation	Discover Sustainability	6	1			2.4	10.1007/s43621-025-00823-8
3398	De S.; Banerjee S.; Rakshit P.; Banerjee S.; Kumar S.K.A.	Unraveling the Ties: Type 2 Diabetes and Parkinson's Disease - A Nano-Based Targeted Drug Delivery Approach	Current Diabetes Reviews	21	6			2.4	10.2174/0115733998291968240429111357
3399	Avinash J.; Chamundeeswari S.P.V.	Recent advancements and challenges for Cu2O-based binary heterojunction photocatalyst for organic pollutant degradation	Ionics					2.4	10.1007/s11581-025-06111-9

3400	Sharma M.; Shanmugam H.	Prescribed-Time Formation Control of Second-Order Multi-Agent Systems in Presence of Actuator Faults	IEEE Control Systems Letters					2.4	10.1109/LCSYS.2025.3546525
3401	Ramakrishnan D.; Loganathan S.; Sathiyamoorthy M.; Azamathulla H.M.	Microplastic pollution – a rising threat along an urban lake in the Vellore district of Tamil Nadu, India: abundance and risk exposure	Water Quality Research Journal	60	1	89	108	2.4	10.2166/wqrj.2024.133
3402	Thenpandiyan E.; Ramasamy V.; Suresh G.; Senthil S.; Sathishpriya T.; Ilaiyaraja P.	A naturally derived Sm3+-doped CaCO3 photocatalyst for the degradation of major organic dyes from wastewater	Ionics					2.4	10.1007/s11581-025-06212-5
3403	Gupta D.; Arthur M.P.	Ensemble deep learning models for tropical cyclone intensity prediction using heterogeneous datasets	Tropical Cyclone Research and Review					2.4	10.1016/j.tcrr.2025.02.001
3404	Thottempudi P.; Konduru R.M.; Valiveti H.B.; Kuraparthi S.; Kumar V.	Digital health resilience: IoT solutions in pandemic response and future healthcare scenarios	Discover Sustainability	6	1			2.4	10.1007/s43621-025-00886-7
3405	Shanker M.A.; Puthiyedath A.; Rana S.S.	Floral bio-residues of saffron: a potential source of valuable components; extraction and application	Discover Sustainability	6	1			2.4	10.1007/s43621-025-00918-2
3406	Raj S.; Peela S.C.M.; Kumar H.; Ramaiah S.; Sistla S.	Comparative genomic analysis of paired clinical isolates from a patient with recurrent melioidosis reveals a low within-host mutation rate	Journal of Medical Microbiology	74	4			2.4	10.1099/jmm.0.002003

3407	Haque S.; Siddiqui S.; Mashraqi A.; Mandal R.K.; Wahid M.; Ahmad F.; Fatima B.	Green synthesis and biomedical potential of l-ascorbic acid-stabilized copper sulfide nanoparticles as antibacterial and antioxidant agents	Drug Development and Industrial Pharmacy					2.4	10.1080/03639045.2025.2487939
3408	Karthikeyan S.; Sowbakkiyavathi E.S.; Sindhuja M.; Sukeri A.	Enhanced energy storage performance of two-dimensional vanadium oxide nanosheets for supercapacitors	Ionics					2.4	10.1007/s11581-025-06289-y
3409	Gor M.; Veeramani S.	On the comparative analysis of Merrifield-Simmons index and connective eccentricity index	Journal of Applied Mathematics and Computing					2.4	10.1007/s12190-025-02454-8
3410	Manikandan C.; Jaiswal A.K.	Therapeutic Potential of NF-κB Inhibition in Glioblastoma: Gene Therapy Approach with rAAV-5 Mediated IκBαM Overexpression	Molecular Biotechnology					2.4	10.1007/s12033-025-01418-4
3411	Shunmathy V.; Selvam V.	A bibliometric review exploring the nexus between environmental sustainability and electric four-wheeler	Discover Sustainability	6	1			2.4	10.1007/s43621-025-01020-3
3412	Haque S.; Ahmad F.; Singh V.; Mathkor D.M.; Babegi A.	Skin Cancer Detection Using Deep Learning Approaches	Cancer Biotherapy and Radiopharmaceuticals					2.4	10.1089/cbr.2024.0161
3413	Bose B.; Siva Kumar S.	Economic burden of zoonotic and infectious diseases on livestock farmers: a narrative review	Journal of Health, Population and Nutrition	44	1			2.4	10.1186/s41043-025-00913-3

3414	Priyadharshini A.; Vijayakumar V.	An analysis on the existence results for Hilfer fractional stochastic differential equations with finite delay and non-dense domain	Journal of Applied Mathematics and Computing					2.4	10.1007/s12190-025-02516-x
3415	Dhanush A.; Vijayakumar V.	New results concerning to optimal feedback control for Sobolev-type fractional integrodifferential systems of order	Journal of Applied Mathematics and Computing					2.4	10.1007/s12190-025-02558-1
3416	Malghan P.G.; Hota M.K.	An enhanced deep learning framework for muscle artifact removal from ECG signal integrating resnet, GCAB, and BI-LSTM	Physical and Engineering Sciences in Medicine					2.4	10.1007/s13246-025-01584-4
3417	Praveena S.; Melwin G.; Babu P.R.; Senthilnathan K.	MoS2 sensitized tapered fiber optic evanescent wave sensor for refractive index based glucose sensing application	Current Applied Physics	77		46	56	2.4	10.1016/j.cap.2025.05.015
3418	Nair A.; Rao A.S.; Surabhi M.A.; Gnanika M.; More S.S.	Unravelling fungal pathogenesis: Advances in CRISPR-Cas9 for understanding virulence and adaptation	Fungal Genetics and Biology	179				2.4	10.1016/j.fgb.2025.104006
3419	Pandiarajan S.; Sreenivasa Rao K.; Mitra P.	Recurring spoken term discovery in the zero-resource constraint using diagonal patterns	Data-Centric Engineering	6				2.4	10.1017/dce.2024.48
3420	Priya L.; Saraswathi D.; Bhuvaneshwari M.; Dhanya K.; Kousalya K.K.	Binary Classification of Meningioma Grades Using CNN and VGG16 + XGBoost Deep Learning Models	Applied Computational Intelligence and Soft Computing	2025	1			2.4	10.1155/acis/7151706

3421	Gudla V.V.; Kumaravelu V.B.; Imoize A.L.; Castillo Soria F.R.; Sujatha A.B.; John Kennedy H.S.; Jadhav H.K.; Murugadass A.; Sur S.N.	Performance Analysis of Reconfigurable Intelligent Surface-Assisted Millimeter Wave Massive MIMO System Under 3GPP 5G Channels	Information (Switzerland)	16	5			2.4	10.3390/info16050396
3422	Nirosha R.; Mansingh J.P.	Mapping the sustainability of geographical indication products: a systematic literature review	Discover Sustainability	6	1			2.4	10.1007/s43621-025-01332-4
3423	Choudhary D.; Srinivas M.N.; Narayana Murthy B.S.; Ahmad Naik P.	A review of the effect of environmental factors on COVID-19 disease	Innovation and Emerging Technologies	12				2.4	10.1142/S2737599425300053
3424	M.S.H.F., Afridha, Mohamed Sulthan Hasan Fathima; S.M., Roopan, S. M.	FeVO4/g-C3N4 Heterojunction: Characterization and Photocatalytic Approach Towards the Synthesis of N-(Pyridin-2-yl)cinnamamide Analogues	Catalysis Letters	155	8			2.4	10.1007/s10562-025-05104-7
3425	G., Popli, Gaurav; A., Mukherjee, Avishek; S.K., Pal, Surjya K.	Stacked Inexact Augmented Lagrangian Multiplier with Sparse and Low-Rank Matrix Decomposition: A Novel Low Sampling Vibration Signal Denoising Strategy for Enhancing Feature Quality to Predict Health State of Bearings Using Machine Learning Model	Journal of Nondestructive Evaluation	44	3			2.4	10.1007/s10921-025-01212-x

3426	G., Baburao, Giridhar; null; G., Ragupathy, Gopi	Investigating weak dipole interactions of cyclic nitriles in the gas phase: Theoretical views on molecular stability and reactivity	Chemical Physics	599				2.4	10.1016/j.chemphys.2025.112831
3427	V.D., Channe, Vaibhav Devidas; P.R., Bhagat, Pundlik Rambhau	Cu-porphyrin-mediated photocatalytic system for C-N coupling: Base-free N-arylation ullmann-type approach to benzotriazole	Journal of Organometallic Chemistry	1038				2.4	10.1016/j.jorganchem.2025.123769
3428	S.N., Moorthy J, Sathya Narayana; S., Chandran M, Sharan	A comprehensive review on the influence of surface treatment and 3D printing of natural fiber composites	Composite Interfaces					2.4	10.1080/09276440.2025.2525590
3429	D., Davis, Daniya; P., A, Parameshwaran; B.S., Gupta, Bhaskar Sen	Phase separation and rheology of segregating binary fluid under shear	Physical Review E					2.4	10.1103/bbhy-gmsp
3430	H., C, Hemanth; S.R., Gopalan, Sangeetha Rengachary; K.M.K., Kaushal, Karthik M.K.; K., Anbarasi, K.	RS Coded Mixed RF and Multi-Hop FSO System for 5G-CRAN- A Performance Analysis	IEEE Photonics Journal					2.4	10.1109/JPHOT.2025.3594502
3431	G., Vishnupriya, Gopinathan; P.S., Sathya, P. S.	Computational study of a novel combination of dual-absorber structured perovskite solar cell with theoretical efficiency of 36.37%	Frontiers in Energy Research					2.4	10.3389/fenrg.2025.1631201

3432	R., Revathi, R.; R., Shanmugam, Ramasamy; S., Latha, Srinivasan; P., Mounica, P.; G.B., Arivazhagan, G. B.	Polypyrrole, Zinc oxide, and Nickel oxide ternary nanocomposite: Synthesis, characterization, and photocatalytic activity on methylene blue, and methyl orange dye	Solid State Communications					2.4	10.1016/j.ssc.2025.116159
3433	S., Chandra, Swaroop; C., Sruthi, C.; N., Ramanathan, Nagarajan; K., Sundararajan, Kalyanasundaram	From sublimation to tautomerization and aggregation: Infrared spectroscopic insights into ammonium thiocyanate dissociation at low temperatures	Chemical Physics					2.4	10.1016/j.chemphys.2025.112951
3434	A., Suruliandi, A.; R., Ame Rayan, R.; S.P., Raja, S. P.	Prediction of COVID-19 Using a Clinical Dataset With Machine Learning Approaches	International Journal of Interactive Multimedia and Artificial Intelligence					2.4	10.9781/ijimai.2025.01.003
3435	S.R., Jambagi, Suresh Ramakrishna; M., Mohan, Muthugounder; T., Venkatesan, Thiruvengadam; K., Muralimohan, K.; D.N., Kambrekar, D. N.; C.P., Mallapur, C. P.; N., Augustine, Neenu	High levels of Bt cry toxin resistant allele frequency in South Indian populations of cotton pink bollworm, Pectinophora gossypiella Saunders (Gelechiidae: Lepidoptera)	Journal of Invertebrate Pathology					2.4	10.1016/j.jip.2025.108452
3436	M.M.H., Hussain, M. Mohamed Haarish; J., Naveen, J.	Effect of electroless NiP-B?C coating on the performance of ultra-high molecular weight polyethylene fabric	Composite Interfaces					2.4	10.1080/09276440.2025.2547149

3437	M., Varma, Midhun; S., Chandran, Sharan	Influence of combined alkali and plasma surface treatment on mechanical properties of natural fiber composites	Composite Interfaces					2.4	10.1080/09276440.2025.2556071
3438	Kalaivani, L.; Maheswari, R.V.; Vimal, S.; Manoharan, M.; Sitharthan, R.	Optimized Deep Neural Network for Defect Recognition in Switched Reluctance Motors With Unbalanced Partial Discharge Datasets	IEEE Power Electronics Magazine	12	3	65	77	2.4	10.1109/MPEL.2025.3593772
3439	Agila Harshini, T.; Sriraman, H.	Decoding the Solution for Man-at-the-End Attacks and Reverse Engineering on IoMT Devices: An Experimental Review of Techniques and Defences	Journal of Multidisciplinary Healthcare	18		6479	6501	2.4	10.2147/JMDH.S538176
3440	Cao, Y.; Chandrasekar, A.; Radhika, T.; Przybyszewski, K.; Cpalka, K.	Input-To-State Stable Sampled-Data Synchronisation Of Markovian Jump Lur?e Networks Under Actuator Saturation	Journal of Artificial Intelligence and Soft Computing Research	16	1	73	90	2.4	10.2478/jaiscr-2026-0004
3441	Preethi, M.; Gupta, B.S.	Crossover in growth law in the vapor-liquid phase separation inside complex porous media	Physical Review E	112	5			2.4	10.1103/14nw-xwqy
3442	Kesavan, S.; RAJESH, M.	Superior performance of GFRP adhesive joints reinforced with functionalized graphene via co-cure fabrication	Composite Interfaces					2.4	10.1080/09276440.2025.2581917

3443	Rangasamy, J.; Ravikumar, K.; Manimaran, U.; Bundela, R.Y.; Dangate, M.S.	Metal and metal-free catalyst ?click? synthesis mechanism of triazole from acetylene and azide- review	Journal of Organometallic Chemistry	1044				2.4	10.1016/j.jorganchem.2025.123940
3444	Panda, S.; Ahmad, F.	Bovine milk-derived exosomes as natural multimodal therapeutic agents for peripheral and central pathophysiological conditions	PharmaNutrition	34				2.4	10.1016/j.phanu.2025.100457
3445	Vijayalakshmi, S.; Dey, S.; Rajendrakumar, K.	Versatility meets robustness: ferrocenyl polymers via surface-initiated atom-transfer radical polymerization (SI ATRP) technique for biosensing	Journal of Macromolecular Science, Part A: Pure and Applied Chemistry					2.4	10.1080/10601325.2025.2581189
3446	Chandrasekaran, A.; Pilavadi, T.; Singarayar, M.S.; Ramamoorthy, S.; Lee, G.-J.; Markandan, M.	The potential of PsFe nanocubes and PsZnO nanospheres in seed nanopriming for enhanced pea germination, organogenesis and stress resilience	Plant Cell, Tissue and Organ Culture	164	1			2.4	10.1007/s11240-025-03324-8
3447	Shekhar, S.K.	Integrating topic modeling with library branding: a text analytics approach	Global Knowledge, Memory and Communication			1	13	2.4	10.1108/GKMC-10-2024-0722
3448	Olushola, A.; Meenakshi, S.P.	Cybersecurity crimes in cryptocurrency exchanges (2009?2024) and emerging quantum threats: the largest unified dataset of CEX and DEX incidents	Frontiers in Blockchain	8				2.4	10.3389/fbloc.2025.1713637

3449	Haryini S., Doss C G.P.	Computational identification of novel natural inhibitors against triple mutant DNA gyrase A in fluoroquinolone-resistant Salmonella Typhimurium	Biochemistry and Biophysics Reports	41				2.3	10.1016/j.bbrep.2024.101901
3450	Nandan P.K., Sivaraman J.	Elucidating the therapeutic potential of indazole derivative bindarit against K-ras receptor: An in-silico analysis using molecular dynamics exploration	Biochemistry and Biophysics Reports	41				2.3	10.1016/j.bbrep.2024.101913
3451	Maske R.G., Bhagat P.R.	LED-Light Induced Novel Additive/Base/Metal Free Brønsted Acid Functionalized Porphyrin to Afford N-Arylated Benzimidazole	Catalysis Letters	155	2			2.3	10.1007/s10562-024-04854-0
3452	Lavanya I., Nishanthan M., Lakshmi Priya R., Hariprasad B.S., Dhayanithi C.A., Ganesh Babu S.	Efficient Catalytic Dehalogenation of Aryl Halides Under Mild Conditions Using Reusable Reduced Graphene Oxide Loaded Simple Transition Metal–Organic Framework	Catalysis Letters	155	2			2.3	10.1007/s10562-024-04911-8
3453	Balaji N.S., Sathiya Narayanan C., Pandivelan C., Sivakumar M., C P.R.	Optimizing process parameters for enhanced formability and fracture behavior in single point incremental forming of SS310 sheets	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.3	10.1177/09544089241311351

3454	Murugan A.; Sivasubramanian S.; Sharma P.; Murugusundaramoorthy G.	Faber Polynomial Coefficient Estimates of m-Fold Symmetric Bi-Univalent Functions with Bounded Boundary Rotation	Mathematics	12	24			2.3	10.3390/math12243963
3455	Harinathan B.; Jebaseelan D.; Yoganandan N.; Vedantam A.	Comparing adjacent segment biomechanics between anterior and posterior cervical fusion using patient-specific finite element modeling	Asian Spine Journal	18	6	777	793	2.3	10.31616/ASJ.2024.0179
3456	Jayaram S.; Verrelli C.M.; Venkatesan N.	AGTM Optimization Technique for Multi-Model Fractional-Order Controls of Spherical Tanks	Mathematics	13	3			2.3	10.3390/math13030351
3457	Sharma P.; Sivasubramanian S.; Murugusundaramoorthy G.; Cho N.E.	On a New Class of Concave Bi-Univalent Functions Associated with Bounded Boundary Rotation	Mathematics	13	3			2.3	10.3390/math13030370
3458	Mohapatra S.; Lala H.; Mohapatra P.	Modified random-oppositional chaotic artificial rabbit optimization algorithm for solving structural problems and optimal sizing of hybrid renewable energy system	Evolutionary Intelligence	18	1			2.3	10.1007/s12065-024-01004-8
3459	Gupta R.S.; Pandey S.; Ghosh A.; Sahoo S.K.; Rahaman A.; Goutam U.K.; Pandey S.; Singh V.R.	The effects of substrates on the structural, morphological, magnetic and electronic properties of V2O5 thin films	Journal of Sol-Gel Science and Technology					2.3	10.1007/s10971-025-06666-z
3460	Kumari M.; Dutta S.; Bhowmik S.; Datta P.; Pulimi M.	Hydrothermally Synthesized MnO2 Toward Efficient Sulfate Radical Based Catalytic Degradation of Norfloxacin	Chemistry Africa					2.3	10.1007/s42250-024-01175-y

3461	Viswanath V.; Meena J.; Manikandamoorthy E.; Kumaraguru N.; Veerappa N.D.; Shin P.-K.; Tatsugi J.; Kannappan S.	Biogenic formulation and characterisation of Zinc oxide nanoparticles for photocatalytic degradation of methyl violet, rhodamine b, and blue 19-dyes and antibacterial & antioxidant activities	International Journal of Environmental Analytical Chemistry					2.3	10.1080/03067319.2025.2461168
3462	Kumaran V.; Muralidharan B.	Prediction of coating layer thickness and surface hardness in electric discharge coating process using RSM, ANN, and ANFIS with ANOVA optimization	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.3	10.1177/09544089251314753
3463	Sadasivan S.; Pradeep S.; Ramachandran J.C.; Narayan J.; Gęca M.J.	Advances in droplet microfluidics: a comprehensive review of innovations, morphology, dynamics, and applications	Microfluidics and Nanofluidics	29	3			2.3	10.1007/s10404-025-02789-5
3464	Polamraju S.M.; Manochkumar J.; Ganeshbabu M.; Ramamoorthy S.	Unveiling astaxanthin: biotechnological advances, delivery systems and versatile applications in nutraceuticals and cosmetics	Archives of Microbiology	207	2			2.3	10.1007/s00203-025-04241-2
3465	Subalatha M.; Rachaveti D.; Amutha S.; Ponpandi M.	A narrative review on the role of cognition, nutrition and energy availability in athletes of competitive sports to combat RED-S	PeerJ	13	1			2.3	10.7717/peerj.18849

3466	Abdullah N.A.Z.; Mohd Sani M.S.; Ghazali M.F.; Mutra R.R.	Finite element modelling approaches for sheet metal joining: A review of techniques and application	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.3	10.1177/09544089251313684
3467	Sharma S.; Gupta D.	Low-Energy Elastic Scattering of Electrons from 2H-Pyran and 4H-Pyran with Time Delay Analysis of Resonances	ChemPhysChem					2.3	10.1002/cphc.202400989
3468	Grace D.S.; Durgaprasad P.	Two-phase flow of dusty Carreau nanofluid with dual-Cattaneo–Christov heat flux and non-uniform heat source over a disk	ZAMM Zeitschrift fur Angewandte Mathematik und Mechanik	105	2			2.3	10.1002/zamm.202400588
3469	Hiremath S.; Viswanathan P.	Harnessing the Power of Donkey's Milk and Homemade Pickles: Unveiling Oxalate-Degrading Probiotics and Their Heat-Killed Cells as Antiadipogenic Agents in 3T3-L1 Adipocytes	Current Microbiology	82	4			2.3	10.1007/s00284-025-04146-9
3470	Prabaharan V.; Akhas P.K.	Evaluating the influence of stiffener in the bending capacity of cold formed steel C-section	Innovative Infrastructure Solutions	10	3			2.3	10.1007/s41062-025-01914-1
3471	Manikandan P.; Kumar V.P.; Vasugi V.	Strength and microstructural characteristics of sustainable aluminosilicate binder using waste glass powder and ground granulated blast furnace slag	Innovative Infrastructure Solutions	10	3			2.3	10.1007/s41062-025-01920-3

3472	Verma P.; Katal N.; Dash S.	An optimal design of droop controller of a De-loaded PV system using nature-inspired algorithms	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	47	1	4974	4996	2.3	10.1080/15567036.2025.2464259
3473	Singh K.G.; Moorthy A.	Missense mutation (Ser654Leu) in the ITGA8 gene associated with renal hypodysplasia: A case report	Biomedical Reports	22	4			2.3	10.3892/br.2025.1946
3474	Saini D.S.; R M.; Gupta B.S.; Saha A.; Das B.	Land Use/Cover Dynamics and Associated Impacts on Eutrophication, Land Surface Temperature, and Ecosystem Service Values: An Eco-Climatological Investigation of Chilika Lake, India	Estuaries and Coasts	48	3			2.3	10.1007/s12237-025-01509-0
3475	Nandu P.P.H.; Madhu B.E.; Reddy K.S.K.K.; Adinarayana B.	AI-driven development and utilization of 2024 Noto earthquake seismic data for prediction of earthquake intensity measures for Japan using deep machine learning models	Innovative Infrastructure Solutions	10	4			2.3	10.1007/s41062-025-01937-8
3476	Sishu N.K.; Selvaraj C.I.	Phytochemical Profiling, Bioactive Potential and In Silico Analysis of Kydia calycina Roxb. Leaf Extracts	Chemistry and Biodiversity					2.3	10.1002/cbdv.202403132
3477	Chakraborty A.; Dutta P.; Amrit R.; Dey P.; Osborne W.J.	Antagonistic activity of butanamine 2,2-dinitro-N-methyl- synthesized by endosymbiotic Bacillus amyloliquefaciens VITAPRJS1 acquired from horse milk	International Microbiology					2.3	10.1007/s10123-025-00640-z

3478	Daniel S.A.; Suya Prem Anand P.	A review on the utilization of SS 316L lattice structures for orthopaedics developed by the laser powder bed fusion process	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.3	10.1177/09544089251317120
3479	Ismail H.; Hariharan S.; Jeyaraj M.; Shangerganesh L.; Rong L.	Hopf bifurcation and optimal control studies for avian-influenza virus with multi-delay model	Advances in Continuous and Discrete Models	2025	1			2.3	10.1186/s13662-025-03936-6
3480	Nagarajan R.; Mohamad N.M.V.	Energy efficient resource and power allocation for uplink underlay D2D communication in HetNet-based 5G network	Eurasip Journal on Wireless Communications and Networking	2025	1			2.3	10.1186/s13638-025-02452-1
3481	Yadav K.; Parashar H.; Mondal S.	Comparative analysis of intelligent reflecting surfaces and AF/DF relaying for energy efficient wireless communication	Eurasip Journal on Wireless Communications and Networking	2025	1			2.3	10.1186/s13638-025-02453-0
3482	Kumar P.V.; Roopan S.M.; Madhumitha G.	Bentonite Supported NiTiO3 Composite as Heterogeneous Catalyst for Synthesis 2,4-Disubstituted Benzo[4,5]imidazo[1,2-a]pyrimidine	Catalysis Letters	155	5			2.3	10.1007/s10562-025-05016-6
3483	Kalaam A.R.A.; Greeni A.B.	Comparative Analysis of Kekulene Tessellation Patterns Using Generalized Reverse Degree-Sum Descriptors Combined With Graph Entropy and Energy Properties	International Journal of Quantum Chemistry	125	8			2.3	10.1002/qua.70043

3484	Bhaskaran P.; Prasanna S.	Quantum bee-inspired algorithm using quantum circuit and gradient descent optimizer on product recommendation	Evolutionary Intelligence	18	2			2.3	10.1007/s12065-025-01031-z
3485	Mondal S.R.; Giri M.K.; Kondooru R.	Results on Linear Operators Associated with Pascal Distribution Series for a Certain Class of Normalized Analytic Functions	Mathematics	13	7			2.3	10.3390/math13071053
3486	Mishra B.; Shanmugapriya T.; Hsieh S.-H.; Chang Y.-T.; Pal A.	BIM-based approach for analyzing carbon emissions of residential buildings in India	Innovative Infrastructure Solutions	10	4			2.3	10.1007/s41062-025-01950-x
3487	Golovin A.; Zhukova N.; Delhibabu R.; Subbotin A.	Improving Recommender Systems for Fake News Detection in Social Networks with Knowledge Graphs and Graph Attention Networks	Mathematics	13	6			2.3	10.3390/math13061011
3488	Puthillam U.; Selvam R.E.	A numerical study on mechanical and permeability properties of novel design additive manufactured Titanium based metal matrix composite bone scaffold for bone tissue engineering	Journal of Biomaterials Applications					2.3	10.1177/08853282251333237
3489	Kumari A.; Rao K.V.B.	Unraveling the anti-dengue viral potential of protease inhibitors from Streptomyces spp.	Chemistry Africa					2.3	10.1007/s42250-025-01275-3

3490	Usman M.; Alex Sam A.; Sayad Saravi S.; Imran M.; Pesyridis A.; Cockerill S.; Howard T.; Khatoon S.	Modelling of a Free Piston Linear Expander for Organic Rankine cycle Based Waste Heat Recovery Application	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	47	1	8172	8189	2.3	10.1080/15567036.2025.2483807
3491	Saravanan T.; Dasgupta S.; Noor A.; Sheela A.	Explorations on Antioxidant, Enzyme Inhibitory, and Calf Thymus DNA Interaction Studies of Dioxomolybdenum(VI) Organo Complexes	Chemistry and Biodiversity					2.3	10.1002/cbdv.202500051
3492	Syril M W.; Nagarajan C.D.	Optimizing Commodity Futures Trading in the Financial Market: Fine-tuning Bollinger Bands Strategy	Global Business Review					2.3	10.1177/09721509251328555
3493	Pai A.; Kumar B.	Investigating the effect of active surface area heat transfer on indoor environment in thermally activated buildings: Analysis of mixed-mode cooling performance in tropical environments	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	47	1	7510	7526	2.3	10.1080/15567036.2025.2480362
3494	Megala G.; Kavitha M.	Folate from probiotic bacteria and its therapeutic applications	Archives of Microbiology	207	6			2.3	10.1007/s00203-025-04327-x
3495	Koteshwaramma T.; Singh K.S.	Role of regional and global datasets in the simulation of intense tropical cyclones over Bay of Bengal region in a convection-permitting scale	Meteorological Applications	32	2			2.3	10.1002/met.70044

3496	Venkatadri K.; Rajeswari V.R.; Santhosh N.; Leung H.-H.; Kamalov F.; Prasad V.R.; Sivaraj R.	Heat transfer optimization on convective flow of various fluids inside an enclosure with curved heat source	ZAMM Zeitschrift fur Angewandte Mathematik und Mechanik	105	5			2.3	10.1002/zamm.70020
3497	Arumugam M.; Panyam V.S.N.	Influence of MHD stagnation point flow on hybrid nanofluid (MWCNT+Fe3O4/H2O) past an elongating sheet with rapidity slip conditions and Joule heating	ZAMM Zeitschrift fur Angewandte Mathematik und Mechanik	105	5			2.3	10.1002/zamm.70070
3498	Josuva J.; Reddy R.H.	Pulsatile hydromagnetic Carreau–Yasuda nanofluid flow in a nonlinearly radiated inclined porous channel with nonuniform heat source/sink: Entropy analysis	ZAMM Zeitschrift fur Angewandte Mathematik und Mechanik	105	5			2.3	10.1002/zamm.70092
3499	Yildizhan S.; Mohanam A.; Jambulingam R.; Gavande V.; Lee W.-K.	Experimental Study on the Effects of Thermal Cycling and Moisture Exposure on Mechanical Properties of Alkali Treated Woven Jute Fiber/Epoxy Composites	Applied Composite Materials					2.3	10.1007/s10443-025-10334-4
3500	Sharma A.; Tamboli Q.Y.; Chavan N.D.; Jyothish Kumar L.; Sarveswari S.; Zakde K.R.; Vijayakumar V.	Synthesis of Quinoline-Dihydropyrimidines: A Synergistic Green Approach Using Magnetically Recoverable Catalysts in Aqueous Medium	Catalysis Letters	155	6			2.3	10.1007/s10562-025-05024-6
3501	Nallakaruppan N.; Thiagarajan K.	Efficient in vitro propagation and conservation of the endangered medicinal plant Hedyotis sithiravaraiensis	Plant Cell, Tissue and Organ Culture	161	2			2.3	10.1007/s11240-025-03080-9

3502	Bell I P.J.; Muniyan R.	Synergistic pathogenesis: exploring biofilms, efflux pumps and secretion systems in Acinetobacter baumannii and Staphylococcus aureus	Archives of Microbiology	207	6			2.3	10.1007/s00203-025-04336-w
3503	Kavya P.; Gayathri M.	Phytochemical Composition and Inhibitory Effects of Curcuma angustifolia Leaves Extracts Against α-Amylase and α-Glucosidase Enzymes Associated With Hyperglycaemia: In Vitro and In Silico Analysis	Chemistry and Biodiversity					2.3	10.1002/cbdv.202500173
3504	Hota N.P.; Diksha S.; Karthikeyan N.; Seenu P.; Iyer S.K.	Amino Acid-Assisted Carbon Quantum Dots for Bioimaging, Picric Acid Detection, Antibacterial Activity, and Prefabrication of Pd Nanoparticles as a Potent Nanocatalyst for Coupling Reactions and Reduction of Nitrophenols	Catalysis Letters	155	7			2.3	10.1007/s10562-025-05059-9
3505	Anburaja R.; Shaik K.	Role of Mn on visible light photocatalytic activity of BiFeO3 nanoparticles	Journal of Sol-Gel Science and Technology					2.3	10.1007/s10971-025-06798-2
3506	Raja S.; Rao R.; Shekar S.; Dsilva Winfred Rufuss D.; Rajan A.J.; Rusho M.A.; Navas R.K.B.	Application of multi-criteria decision making (MCDM) for site selection of offshore wind farms in India	Operational Research	25	3			2.3	10.1007/s12351-025-00949-7

3507	Karthiyaini S.; Shanmugasundaram M.; Venkatesh V.; Andal L.; Suprakash A.S.; Premkumar R.; Senthamarai Kannan K.	A comparative study on machine learning approaches in strength prediction of various metakaolin admixed concrete	Innovative Infrastructure Solutions	10	6			2.3	10.1007/s41062-025-02059-x
3508	A P.; Mishra S.	Is translanguaging emerging as the preferred language practice among students? An investigation into language use in note-taking from a student's perspective	Educational Research and Evaluation					2.3	10.1080/13803611.2025.2515039
3509	Rajendran V.; Selvaraj V.K.; Subramanian J.; Panneerselvam K.; Samithas D.; Balachandran P.K.; Zainuri M.A.A.M.	Experimental investigation of baffle inclination on the efficiency of a square-baffled solar air heater	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	47	2			2.3	10.1080/15567036.2025.2505196
3510	John Kennedy H.S.; Kumaravelu V.B.	Enhancing outage performance and sum capacity in multi-user environments through IOS-aided hybrid NOMA under imperfect SIC	Eurasip Journal on Wireless Communications and Networking	2025	1			2.3	10.1186/s13638-025-02458-9
3511	Karthikeyan K.R.; Breaz D.; Murugusundaramoorthy G.; Thirupathi G.	Inequalities of a Class of Analytic Functions Involving Multiplicative Derivative	Mathematics	13	10			2.3	10.3390/math13101606
3512	Kusha A.; Chandrasekaran R.	Advancing in vitro elicitation of berberine: techniques and trends (2014–2024)	Plant Cell, Tissue and Organ Culture	162	1			2.3	10.1007/s11240-025-03094-3

3513	Yesupatham A.; Saraswathy R.	Role of oxidative stress in prediabetes development	Biochemistry and Biophysics Reports	43				2.3	10.1016/j.bbrep.2025.102069
3514	Anbarasi G.; Sankar D.	Greening the justice system: assessing the legality, feasibility, and potential of artificial intelligence in advancing environmental sustainability within the Indian judiciary	Frontiers in Political Science	7				2.3	10.3389/fpos.2025.1553705
3515	P., Mayuri, Pinapeddavari; P., Meghana, Peddapalyam; S., Dharani, Saravakota; S., Dodoala, Sujatha; K.Y., Yashly, K. Yesudas; A.S., Kumar, Annamalai Senthil	Sensitive and Selective Detection of Vitamin C in Complex Real-Sample Matrices (Blood and Fruits) using a Coomassie Brilliant Blue-Modified Electrode	Electroanalysis	37	7			2.3	10.1002/elan.70015
3516	P., Debroy, Pragnaleena; P., Majumder, Priyanka; A., Das, Amrit; D.I., Bo�anic, Darko I.; I.M., Hezam, Ibrahim M.; L., Seban, Lalu	OPA-IF-SVNF-MARCOS decision framework and its application to determine the optimal fish species for integration into an aquaponic system	Environmental Progress and Sustainable Energy					2.3	10.1002/ep.70037

3517	R., Sivasubramanian, Ramsundar; C.A., Vaithilingam, Chockalingam Aravind; S.B., Paiman, Suriati B.; A., Sharma, Ashish; I., Vairavasundaram, Indragandhi	Hybrid Photovoltaics cell with triboelectric nanogenerator: Overcoming energy availability limits and reducing optical scattering losses	Environmental Progress and Sustainable Energy					2.3	10.1002/ep.70046
3518	V., Premanand, V.; P.L., Sai, Potla Likith; A., Bhattacharya, Arghya	Performance efficient vehicle detection and tracking based on pyramid pooling network: a review and implementation	Journal of Computational Social Science	8	3			2.3	10.1007/s42001-025-00411-w
3519	K., Anwar, Khalid; S., Zafar, Shadman; A., Jindal, Abhinav; S., Haider, Salman	Assessing the efficiency of Indian fertilizer industry: does financial performance and innovation matter?	Cogent Food and Agriculture	11	1			2.3	10.1080/23311932.2025.2496699
3520	S.S., Nisha, S. Siraj; P., De, Poulomi	Comparative analysis di-hybrid, tri-hybrid, tetra-hybrid on bioconvective Sisko nanofluid over porous vertical cone/plate with thermal radiation, heat generation, viscous dissipation and chemical reaction	European Physical Journal: Special Topics					2.3	10.1140/epjs/s11734-025-01743-4

3521	H., Jackson, Harsha; N., Iyer, Nalin; A., Balasundaram, A.; A., Shaik, Ayesha	Hybrid deep learning approach using U-Net with attention gates for colorectal cancer segmentation	European Physical Journal: Special Topics					2.3	10.1140/epjs/s11734-025-01780-z
3522	S., Premanand, S.; S., Narayanan, Sathiya	ECG-ResViT: a hybrid CNN-ViT model for efficient ECG signal classification	European Physical Journal: Special Topics					2.3	10.1140/epjs/s11734-025-01781-y
3523	S., Jakeer, Shaik; P., Durgaprasad, P.; S.R., Gunakala, Sreedhara Rao; S.R., Reddisekhar Reddy, Seethi Reddy; H.T., Basha, H. Thameem	Machine learning and numerical approach of heat transfer properties of two different kinds of hybrid nanofluids flow in a U-shaped cavity	European Physical Journal: Special Topics					2.3	10.1140/epjs/s11734-025-01800-y
3524	M., Meenakshi, M.; A., Das, Arpita; A., Gowrisankar, A.; C., Serpa, Cristina	Microplastic interactions in oceanic climate change: a multifractal analysis	European Physical Journal: Special Topics					2.3	10.1140/epjs/s11734-025-01808-4
3525	S., Anbarasu, Suvitha; A., Anbarasu, Anand	Machine Learning-Enabled Network Biology Analysis for Biomarker Discovery: Uncovering Molecular Interactions between Endocrine-Disrupting Chemicals and Hormone-Sensitive Cancers	Journal of Computational Biophysics and Chemistry					2.3	10.1142/S2737416525500760

3526	V., Bhandarkawthekar, Varad; T.M., Navamani, T. M.; R., Sharma, Rishabh; K., Shyamala, K.	Design and development of an efficient RLNet prediction model for deepfake video detection	Frontiers in Big Data	8				2.3	10.3389/fdata.2025.1569147
3527	P., Rasheeda, P.; R.S., Sikarwar, Rahul S.	Low-Velocity Impact on Glass Fibre-Reinforced Aluminium Laminate with a Layer of Elastomer	Fibers and Polymers					2.3	10.1007/s12221-025-01101-0
3528	n., Anjali; R.K., B, Rushi Kumar	Space-time clustering and Bayesian network modelling of suicide dynamics in India	Journal of Computational Social Science					2.3	10.1007/s42001-025-00417-4
3529	S., Balaji, Sekar; M., RAJESH, MURUGAN; T., Dhilipkumar, Thulasidhas; S., Arumugam, Soundhar	Predicting failure loads of GPTMS-treated glass powder incorporated single lap joints prepared through co-cure technique: a statistical and artificial neural network approach	Journal of Adhesion					2.3	10.1080/00218464.2025.2551210
3530	N., Raveendran, Namitha; V., K, Vasugi	Multi-response optimisation of nano-micro-blended concrete using Taguchi?GRA-TOPSIS approach for enhancing carbonation resistance	European Journal of Environmental and Civil Engineering					2.3	10.1080/19648189.2025.2546037
3531	A.R., Preethi, A. R.; S., Natarajan, Saravanan; A., Anbarasu, Anand	Marmin-Derivatives as Promising Inhibitors of Cysteine Synthases from Mycobacterium Tuberculosis: An in silico Approach	Journal of Computational Biophysics and Chemistry					2.3	10.1142/S2737416525500929

3532	M., Sannigrahi, Manisankar; R., Thandeeswaran, R.	Enhanced Network Traffic Classification Using Bayesian-Optimized Logistic Regression and Random Forest Algorithm	Journal of Engineering (United Kingdom)					2.3	10.1155/je/5430763
3533	M., Balaji, Mangalambika; U., Das, Utpal; R., Vashishth, Rahul	Dragon fruit (Hylocereus spp.) as a potential crop for nutraceutical properties, livelihood enhancement and climate change mitigation	Cogent Food and Agriculture					2.3	10.1080/23311932.2025.2544956
3534	B., Harikaran, B.; S., Harshavarthini, Shanmugam	Fuzzy logic-based reinforcement learning control approach to fractal-order nonlinear chaotic systems	European Physical Journal: Special Topics					2.3	10.1140/epjs/s11734-025-01830-6
3535	H., Surendran, Hariharan; P.K., Akhas, Punitha Kumar	Evaluating toughened glass aggregate mortar for strength and alkali-silica reaction durability: from waste to worth	European Journal of Environmental and Civil Engineering					2.3	10.1080/19648189.2025.2551981
3536	R., Parvathi, Ramasubramanian; P., Venkatasubbu, Pattabiraman; N., Saxena, Nancy; A., Mishra, Aakarsh; U., Mishra, Utkarsh; A., Pandey, Ansh	Automated road surface classification in OpenStreetMap using MaskCNN and aerial imagery	Frontiers in Big Data					2.3	10.3389/fdata.2025.1657320
3537	K., Vinay, Konichetti; M., Muthukumar, Mayakrishnan	Experimental and Numerical Study on the Behavior of Geocell Reinforced Pervious Concrete Pavement	Transportation Infrastructure Geotechnology					2.3	10.1007/s40515-025-00684-8

3538	Ravikumar, V.; Konar, P.	Complex dynamics and fractals through viscosity approximation method with S-convexity	European Physical Journal: Special Topics					2.3	10.1140/epjs/s11734-025-02006-y
3539	Kamali, M.; Chandrasekar, A.	Design of an event-triggered extended dissipative state estimator for Multi-link memristive neural networks with mixed delays	European Physical Journal: Special Topics					2.3	10.1140/epjs/s11734-025-02004-0
3540	Vinoth Kanna, I.; Subramani, R.; Rusho, M.A.; A.; Subramanian, J.; Selvaraj, V.K.	High-Performance Hydrogen-Based Thermochemical Energy Storage for Zero Carbon Industrial Heat Recovery with Advanced Metal Hydride Nanostructured Catalysts and Hybrid Waste Heat Integration	JOM					2.3	10.1007/s11837-025-07897-9
3541	Nagamani, V.; Sriraghavan, S.	High-Yielding Regioselective Synthesis of Coumarin/2-Quinolone C3-C4 Fused 5-Substituted-1,4-Benzodiazepine Scaffolds	Synthesis (Germany)					2.3	10.1055/a-2661-4104
3542	Behera, B.N.; Hotta, T.K.	Impact of exhaust gas recirculation on the performance, emission, and combustion features of a diesel engine using diesel, n-butanol, and waste cooking vegetable oil blends	Environmental Progress and Sustainable Energy					2.3	10.1002/ep.70138
3543	Puthillam, U.; Ravoor, J.; Selvam, R.E.; Karuppan, D.; Bakthavachalam, B.; Purohit, G.	Optimization Studies of Robocasted Bioceramic Bone Scaffolds Using Analytical Hierarchy Process and TOPSIS	Artificial Organs					2.3	10.1111/aor.70014

3544	Gupta, S.; Babu, P.; Haldar, D.; Bag, S.; Zaidi, I.; Goel, S.	The intersection of climate change and cancer across global populations: A bibliometric analysis (2000?2024)	Cancer Epidemiology	99				2.3	10.1016/j.canep.2025.102926
3545	Islam, M.R.; Alam, M.R.; Islam, M.R.; Khan, J.M.; Sen, P.; Rayhan, U.; Goni, M.A.	ESTIMATION OF PHASE SEPARATION AND THERMODYNAMIC PARAMETERS OF TRITON X-100 AND CHLORPHENIRAMINE MALEATE DRUG MIXTURE: INFLUENCE OF LOWER CHAIN ALCOHOLS	Bulletin of the Chemical Society of Ethiopia	39	11	2109	2127	2.3	10.4314/bcse.v39i11.3
3546	Jaysankar, M.; Gopalan, V.; Suthenthira Veerappa, V.; Edwin Sudhagar, P.; Venugopal, A.	Dynamic Analysis of MRE Sandwich Beam with Woven Jute/Epoxy Skins: An Experimental and Numerical Approach	Fibers and Polymers					2.3	10.1007/s12221-025-01241-3
3547	Gowdaman, R.; Deepa, A.	Copper-Doped Barium Titanate-Reinforced PVDF?HFP Nanocomposites for Next-Generation Energy Harvesting Devices	Fibers and Polymers					2.3	10.1007/s12221-025-01251-1
3548	Senthil, R.; Vijayan, V.; Sivakumar, P.M.; Kavukcu, S.B.; Thangavelu, T.; Ahmed, A.	Curcumin nanoparticles impregnated collagen/demineralized bone matrix/olive leaves extract biocomposites as a potential bone implant: Preparation, characterization, and biocompatibility	MRS Communications	13	1	136	142	2.3	10.1557/s43579-023-00324-7

3549	Roy, M.; Jha, M.K.; Chakrabarti, A.; Goswami, A.	Green internet of things: A critical enabler for sustainable manufacturing	Environmental Progress and Sustainable Energy					2.3	10.1002/ep.70190
3550	Khekare, U.; Vedaraj, R.	Adaptive deep Q-networks for accurate electric vehicle range estimation	Frontiers in Big Data	8				2.3	10.3389/fdata.2025.1697478
3551	Khan W.A.; Alhazmi M.; Nahid T.	A Novel Family of q-Mittag-Leffler-Based Bessel and Tricomi Functions via Umbral Approach	Symmetry	16	12			2.2	10.3390/sym16121580
3552	A.S. K.D.; J.B. J.	Comparison of PPG Signals with i-PPG signals for the calculation of heart rate and heart rate variability	Optics Communications	580				2.2	10.1016/j.optcom.2025.131587
3553	Parameshwaran A.; Gupta B.S.	Kinetics of vapor-liquid transition of active matter system in confined geometry	Physical Review E	111	2			2.2	10.1103/PhysRevE.111.025405
3554	Pradeesh J.; Panda S.K.; Vijayakumar V.; Jothimani K.; Valliammal N.	Solvability and controllability of Sobolev-type nonlocal Hilfer fractional stochastic evolution inclusions of order 1<μ<2	International Journal of Dynamics and Control	13	1			2.2	10.1007/s40435-024-01516-2
3555	Ghosh S.; Paira P.	Instigating Visible Light Inspired DNA Impairment by ROS Harvesting Ir(III)-Cyclometallated Imidazophenanthroline Complexes Against MDA-MB-231 Cells	European Journal of Inorganic Chemistry					2.2	10.1002/ejic.202400769

3556	Lino L.; Saravana Kumar R.; Leeban Moses M.; Mohanbabu A.	Impact of Gate Angle Variations on DC and RF Performance of Enhancement-Mode Al0.15Ga0.85N/GaN/Al0.07Ga0.93N MIS-HEMT Device	Journal of Electronic Materials					2.2	10.1007/s11664-024-11726-1
3557	Aswathy S.H.; Thomas N.G.; Dalvi Y.B.; Balraman M.; NarendraKumar U.; Manjubala I.	Unravelling the Potential of Carboxymethyl Cellulose Hydrogels for Articular Cartilage Repair: A Rat Model Study	Regenerative Engineering and Translational Medicine					2.2	10.1007/s40883-024-00380-y
3558	Mahashri N.; Woolley T.E.; Chandru M.	Linear coupling of patterning systems can have nonlinear effects	Physical Review E	111	1			2.2	10.1103/PhysRevE.111.014224
3559	Dasmahapatra U.; Choudhury B.; Ahmad M.G.; Maiti B.; Chanda K.	Direct Access to 5,6-Dihydropyrido[2′,1′:2,3]pyrido-Fused Imidazo [4,5-c]quinolines via Consecutive C-N and C-C Bond Formation in Deep Eutectic Solvent under Microwave Irradiation	Synthesis (Germany)					2.2	10.1055/a-2499-2469
3560	Sanjeev K.; Guruprasad M.; Vikram R.; Priyadarshini S.; Mazumder A.; Inderchand M.	Uterine Biosynthesis through Tissue Engineering: An Overview of Current Methods and Status	Current Pharmaceutical Biotechnology	26	2	208	221	2.2	10.2174/0113892010316780240807104149
3561	Akter H.; Islam M.R.; Hasan T.; Uddin M.Z.; Khan J.M.; Sen P.; Hoque M.A.; Goni M.A.	Phase separation, binding nature, and physico-chemical variables of TX-100 + crystal violet mixture: effects of the electrolytes and hydrotropes	Colloid and Polymer Science					2.2	10.1007/s00396-025-05394-8

3562	Kumar D.; Gupta S.; Aditya Y.N.; Jhavar S.; Prashanth K.G.; Suwas S.	Role of Microstructure on Tension-Compression Asymmetry in Additively Manufactured Stainless Steel 316L	Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science					2.2	10.1007/s11661-025-07722-7
3563	Debnath S.; Shaw S.; Roy A.K.	Transport of solute in an unsteady electroosmotic flow of Casson fluid through a micro-channel	Korea Australia Rheology Journal					2.2	10.1007/s13367-025-00119-3
3564	Arumugam S.; Inabathini S.R.	Polarization independent metal–insulator–metal layered wide-band absorber with large angular stability for radar cross section reduction application	Optics Communications	583				2.2	10.1016/j.optcom.2025.131751
3565	J. K N.; Subramanian S.	Biomineralization Potential of Priestia aryabhattai, a Freshwater Isolate for Phosphorus Recovery through Struvite Production from Municipal Wastewater	Geomicrobiology Journal					2.2	10.1080/01490451.2025.2477599
3566	Sukanya G.; Priyadarshini J.	Fine Tuned Hybrid Deep Learning Model for Effective Judgment Prediction	CMES - Computer Modeling in Engineering and Sciences	142	3	2925	2958	2.2	10.32604/cmes.2025.060030
3567	Sharma P.; Wagani R.; Varghese M.A.	Bibliometric analysis of research in ethical concerns and dilemmas of digital mental health care in the last two decades	Frontiers in Human Dynamics	6				2.2	10.3389/fhumd.2024.1502432

3568	Venkatesh S.; Sindhu R.; Arunachalam V.	Hardware efficient approximate sigmoid activation function for classifying features around zero	Integration	103				2.2	10.1016/j.vlsi.2025.102421
3569	Raja B.; Radhakrishnan V.; Raja S.; Pereira S.; Gonçalves C.; Vasconcelos V.; Reis M.; Almeida J.R.	In vivo and in silico preliminary evaluation of the cyanobacterial peptides portoamides A and B against the white spot syndrome virus in freshwater crabs (Paratelphusa hydrodomous)	Aquaculture International	33	4			2.2	10.1007/s10499-025-01947-4
3570	Lakshmana Perumal M.; Sen Gupta B.	Effect of heavy impurities on the plasticity of amorphous solids	Physical Review E	111	4			2.2	10.1103/PhysRevE.111.045501
3571	Ezhilmaran V.; Anand P.S.P.; Daniel S.A.; Harichandran R.; Kalusuraman G.; Kumaran S.T.	Mechanical, Tribological, and Corrosion Properties of Selective Laser Melted 316L Stainless Steel	Journal of Materials Engineering and Performance					2.2	10.1007/s11665-025-11228-z
3572	Reddy V.S.; Shiva S.; Ramakrishna S.	Green Chemistry Innovation in Flexible Electrodes for Wearable Technology	Journal of Electronic Materials					2.2	10.1007/s11664-025-11912-9
3573	Narayanan C.U.; Manivasagam G.; Anand P.S.P.	Finite Element Analysis and Determination of Mechanical Properties of a New Modular Hip Joint	Journal of Materials Engineering and Performance					2.2	10.1007/s11665-025-11083-y
3574	Venkateswarlu N.; Sathiyamoorthy M.	Sustainable innovations in digital twin technology: a systematic review about energy efficiency and indoor environment quality in built environment	Frontiers in Built Environment	11				2.2	10.3389/fbuil.2025.1523464

3575	Upadhyay R.; Andiappan S.	Characterization of various essential oil-loaded microcapsules on linen woven fabric for medical textiles	Journal of Industrial Textiles	55				2.2	10.1177/15280837251325489
3576	Godasu A.K.; Chahar S.; Kumar A.; Prakash U.; Mula S.	Dislocation Substructure Evolution and Damage Accumulation in Large-Grained Homogenized and Fine-Grained Hot-Rolled Superni 625 During LCF at 298 K and 973 K	Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science					2.2	10.1007/s11661-025-07824-2
3577	Ahmad M.A.; Mech B.C.; Imam M.; Jit S.; Aruna Kumari N.	Analyzing the impact of drain-engineered DG GNR-TFET on analog/RF performance metrics	Journal of Computational Electronics	24	3			2.2	10.1007/s10825-025-02330-5
3578	Kaushal S.	Modelling and analysis of a negative capacitance junctionless FinFET with ferroelectric spacer: a paradigm shift in low power electronics	Journal of Computational Electronics	24	3			2.2	10.1007/s10825-025-02334-1
3579	Muthulakshmi S.; Elaiyaraja P.; Elumalai M.; Suresh C.; Yuvaraj S.; Rajabathar J.R.; Al-Dhayan D.M.; Revathi S.; Dash C.S.; Sundararajan M.; Subudhi P.S.; Muruganantham S.	Investigation of Magnetic and Optical Characteristics of MgFe2O4 and MgFe2−xBixO4 Nanoparticles Synthesized by Combustion Method	Journal of Electronic Materials					2.2	10.1007/s11664-025-11930-7

3580	Venkatachalam E.; Sundararajan D.	Investigation of the Impact of Volumetric Energy Density on Mechanical and Tribological Properties of Laser Powder Bed Fusion Printed 321 Stainless Steel Parts	Journal of Materials Engineering and Performance					2.2	10.1007/s11665-025-11272-9
3581	Kumar D.; Arya A.; Dutta S.A.; Jhavar S.; Prashanth K.G.; Suwas S.	Response of Stress Relieving and Solution Annealing Treatment on Tensile Properties and Fracture Toughness of Additively Manufactured Stainless Steel 316L	Journal of Materials Engineering and Performance					2.2	10.1007/s11665-025-11334-y
3582	Anilkumar S.; Giri A.	Microstructure and Mechanical Properties of Dissimilar Inconel 718-SDSS 2507 Laser Welds with Varying Heat Input	Journal of Materials Engineering and Performance					2.2	10.1007/s11665-025-11378-0
3583	Bharath R.; Jeeva P.A.	Production and Characterization of Natural Fibre and Porous Biochar Particle Toughened Composite Pipes Prepared Via Prepreg Method	Fibers and Polymers					2.2	10.1007/s12221-025-00991-4
3584	B. S.; A. A.A.	Dynamic precision configurable multiply and accumulate architecture for hardware accelerators	Integration	103				2.2	10.1016/j.vlsi.2025.102419
3585	Gopalan V.; Subramonia A.; Elango Meiyarasi R.; Pitchumani S.V.; Sampath A.; Annamalai K.	Impact properties of banana/coir/palm/hexagonal boron nitride particles reinforced epoxy composites	Journal of Industrial Textiles	55				2.2	10.1177/15280837251314046

3586	Haribabu K.; Prasath R.; Joe P.I.R.	MLRT-UNet: An Efficient Multi-Level Relation Transformer Based U-Net for Thyroid Nodule Segmentation	CMES - Computer Modeling in Engineering and Sciences	143	1	413	448	2.2	10.32604/cmes.2025.059406
3587	Manikandan M.; Anto Feradrick Samson V.; Manikandan E.; Karthigeyan K.A.; Papanasam E.	A Comprehensive Review on Materials Research Progress and Applications of Photo-Supercapacitors	Journal of Electronic Materials					2.2	10.1007/s11664-025-11981-w
3588	Sai S.B.; Navaneeth M.; Kannadassan D.	Cryogenic sub-THz ultrathin-body InGaAs MOSFET: physical modeling and DC/RF analysis	Journal of Computational Electronics	24	3			2.2	10.1007/s10825-025-02324-3
3589	Kumar J.H.; Ramakrishnan R.; Elkaseer A.; Venkatachalam G.; Velu P.S.	Low-Velocity Impact Behavior of 3D Printed Sandwich Composite with Polylactic Acid–Micro-crystalline Cellulose Bio-inspired Xylotus Lattice Core: Energy Absorption and Crashworthiness	Journal of Materials Engineering and Performance					2.2	10.1007/s11665-025-11518-6
3590	Johnson M.; Vijayakumar V.; Kwon K.	Investigation of optimal control results for generalized Riemann-Liouville fractional integrodifferential systems of Volterra-Fredholm type with nonlocal initial conditions	International Journal of Dynamics and Control	13	6			2.2	10.1007/s40435-025-01733-3
3591	Priyanka K.; Suganya O.M.	Optimizing UHPECC properties using MAA-based particle packing techniques with SCMs	Frontiers in Built Environment	11				2.2	10.3389/fbuil.2025.1588145

3592	Das D.; Sarkar C.; Das B.	Real-Time Detection of Meningiomas by Image Segmentation: A Very Deep Transfer Learning Convolutional Neural Network Approach	Tomography	11	5			2.2	10.3390/tomography11050050
3593	Shobika M.; Roopan S.M.	Ultrasound-facilitated multicomponent isocyanide reactions and their mechanistic characteristics—a review	Journal of the Iranian Chemical Society					2.2	10.1007/s13738-025-03238-4
3594	J., Sylvia, Jasinth; S., Ghosh, Surath	Analysis of Tax Evasion Dynamics using the Genocchi Wavelet Method	Computational Economics					2.2	10.1007/s10614-025-11034-8
3595	V., Vijayakrishnan, V.; S., Balakrishnan, S.	Influence of noise on a quantum game in the light of modified EWL scheme	Quantum Information Processing	24	7			2.2	10.1007/s11128-025-04805-7
3596	M., Murugesan, Manoranjitha; P., Mrudula, Pulimi	Hybrid Biocomposite of Montmorillonite-Algal Biomass Alginate Beads for Efficient Ciprofloxacin Removal: Adsorption Optimization, Mechanism, and Reusability Studies	Chemistry Africa					2.2	10.1007/s42250-025-01372-3
3597	S., Mandal, Saurav; Khushi; W.P., Chanu, Waribam Pratibha; R., Srivastava, Rajan; S.J., Patgiri, Saurav Jyoti; K., Natarajaseenivasan, Kalimuthusamy	Development of a multi-epitope vaccine candidate targeting blood-stage of malaria through immunoinformatics approach	Human Immunology	86	4			2.2	10.1016/j.humimm.2025.111346

3598	G., Surendran, Gopika; T.P., Jose, Tony P.	Psychological flexibility as a predictor of work engagement and symptom severity in personnel with chronic fatigue syndrome	Fatigue: Biomedicine, Health and Behavior					2.2	10.1080/21641846.2025.2531722
3599	M., Nitesh Kumar, M.; K., Muralidaran, K.; P., Samuel, P.	Investigation of the role of Gd3+ in energy transfer mechanism of Eu3+ activated LaNbO4 phosphors for solid-state lighting	Materials Research Express	12	7			2.2	10.1088/2053-1591/adee82
3600	S., Balaji, Sekar; M., RAJESH, MURUGAN; T., Dhilipkumar, Thulasidhas; S., Arumugam, Soundhar	Enhancing co-cure joint performance using GPTMS-modified stainless steel mesh reinforcement: Interleaved versus conventional configurations	Journal of Reinforced Plastics and Composites					2.2	10.1177/07316844251352915
3601	S., Kesavan, Saravanan; M., RAJESH, MURUGAN	Multi-scale reinforcement effects on co-cure GFRP joints: Synergistic influence of chopped glass strand mat and graphene nano-particles on joint strength and failure mechanism	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.2	10.1177/09544089251353398
3602	A.C., Preethika Shree, A. C.; G.K., Chithra, Gandhapodi K.	Iconoclasm of normative structures: exploring queer ageing in ﷺKaathal: The coreﷺ by Jeo Baby	Frontiers in Sociology	10				2.2	10.3389/fsoc.2025.1557332
3603	D., Choudhury, Debarshi; S., Balakrishnan, S.	Exploring cooperation and defection in multi-agent systems via Ising model Hamiltonian	Quantum Information Processing					2.2	10.1007/s11128-025-04885-5

3604	R., Prabhu, R.; V., Senthil Murugan, V.; B., Unhelkar, Bhuvan; S., Radhakrishnan, Subhashini	A Building Extraction Framework from High Resolution Remote Sensing Imagery Using Morphological Spatial Pattern Analysis	Journal of the Indian Society of Remote Sensing					2.2	10.1007/s12524-025-02295-9
3605	S., Dalui, Sandip; P., Kumar, Prince; P., Jana, Purabi; D.N., Sharma, Devendra N.	Quantitative analysis of modulational instability in Yukawa fluids	Physics of Plasmas					2.2	10.1063/5.0279694
3606	C.C., Mohan, C. C.; C., Chiranjeevi, C.	Experimental investigation on a poly-generation system for power, desalination and space cooling	Energy Sources, Part A: Recovery, Utilization and Environmental Effects					2.2	10.1080/15567036.2025.2543924
3607	L., Vijayan, Lipiya; G., Sucharitha, G.	Thermal and mass transfer in peristaltic ?ow of Je?rey nano?uid with double di?usive convection and ohmic heating	Modern Physics Letters B					2.2	10.1142/S0217984925502367
3608	S., Sudharsan, S.; A., Upadrashta, Abhinav; R.A., A, Raja Annamalai	Experimental investigation of the turning performance of high-pressure die-cast WE54 magnesium alloys under dry and minimum quantity lubrication conditions	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.2	10.1177/09544089251356839
3609	A.T., Joseph, Angel Treesa; R.R., Borah, Rashmi Rekha	Emplacement of trauma in migrant spaces: non-places and unhomeliness in Living Undocumented and Stateless	Frontiers in Sociology					2.2	10.3389/fsoc.2025.1619372

3610	S., Shajan, Shilpa; D., Sivadasan, Devipriya; K., Thirumoorthy, Krishnan; V.S., Thimmakondu, Venkatesan S.	From Anti-Van't Hoff Le Bel Molecules of C6NH to Astronomically Relevant and Experimentally Known and Unknown Carbenes	ChemPhysChem					2.2	10.1002/cphc.202500455
3611	S., Jagadeesan, Surendran; S.P., Vijaya Chamundeeswari, S. P.	Dosimetric accuracy of low dose rate volumetric modulated arc therapy delivery in an Elekta Versa HD linear accelerator for pulsed low dose rate treatment of recurrent high-grade glioma using Monaco planning system: Low dose rate VMAT-based PLDR in Elekta Linac	Journal of Applied Clinical Medical Physics					2.2	10.1002/acm2.70253
3612	K., Kandasamy, Karunanithi; S.V., John Prakash, S. Vinoth; R., S, Ramesh; S.P., Raja, S. P.; S.M., Kannan, Subramanian M.; S., SARAVANAN, S.; K., Venkatesh, K.; G., Dharmaraj, Ganeshaperumal	Optimal design and analysis of environmentally sustainable electric vehicle charging stations	Sustainable and Resilient Infrastructure					2.2	10.1080/23789689.2025.2546716

3613	E.F.M., Saleh, Emad Farouk Mohamed; W.S.M., Al-Maamari, Wafa Said Marhoon; A.T.H., Ibrahim, Ahmed Thabet Helal; M.M., Mostafa, Magdy M.; P., Padma Sri Lekha, P.; E.P., Abdul Azeez, E. P.	A specialized training program enhances university students? knowledge, attitudes, and practices on volunteering: evidence from Oman	Frontiers in Sociology					2.2	10.3389/fsoc.2025.1636370
3614	A., Dawn, Abhishika; G., Alan, G.	Posthuman interventions in submerged histories: reconstructing history through memory in Rivers Solomon?s The Deep	Frontiers in Sociology					2.2	10.3389/fsoc.2025.1612388
3615	Radhamani, R.; Muralidharan, M.	Quantitative investigation of internal friction components in NiTiCu shape memory alloy using dynamic mechanical analyser and iterative method	Journal of Intelligent Material Systems and Structures					2.2	10.1177/1045389X251379356
3616	Balachandran, S.; Swaminathan, J.	Thermal performance evaluation of single-evacuated tube compound parabolic concentrator (ET-CPC) with thermosyphon heat pipe solar collector using waste car engine oil (WCEO)	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	47	2			2.2	10.1080/15567036.2025.2568140
3617	Pavithra, M.A.; Subbulakshmi, M.	Newtonian-cultural motion method: a transdisciplinary method for migrant studies	Frontiers in Sociology	10				2.2	10.3389/fsoc.2025.1689957
3618	Saiprudhvi, V.; Hariharan, H.	Hybrid PSO?GD phase optimization for RIS-assisted AFDM systems	Physical Communication	73				2.2	10.1016/j.phycom.2025.102891

3619	Thanabal, N.; Seenuvasaperumal, P.	Analyzing the Mechanical and Subsurface Wear Behavior of the AXM1021 Magnesium Alloy	Tribology Transactions					2.2	10.1080/10402004.2025.2580932
3620	S, D.S.N.; Vino, V.	Structure-based discovery and molecular dynamics evaluation of dihydrorobinetin as a potential anti-osteoclastogenic RANKL inhibitor in rheumatoid arthritis	Journal of Biological Physics	51	1			2.2	10.1007/s10867-025-09694-6
3621	Das, R.; Banerjee, A.	An assessment of neighbourhood-level infrastructure and citizen perception for the development of a child-friendly neighbourhood environment: a case of Kolkata city	Children's Geographies					2.2	10.1080/14733285.2025.2576904
3622	Bagga, A.R.; Patel, H.	Stock Market Forecasting using Ensemble Learning and Statistical Indicators	Journal of Engineering Research (Kuwait)	11	3	384	401	2.2	10.36909/jer.16629
3623	Mohamed Iqbal, M.; Badar, A.; Pavithra, C.V.; Kannan, K.; Mohamed Yousuff, M.	Fuzzy gain Scheduled PID Controller for Power Quality Enhancement in Grid Connected Hybrid Solar PV-PEMFC Energy System	Journal of Engineering Research (Kuwait)	11	3	146	156	2.2	10.36909/jer.15593

3624	Balaraman, M.; Thamba, N.B.	?Unravelling the mysteries of spider silk: A comprehensive review of its properties and applications?	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications					2.2	10.1177/14644207251386702
3625	Hermosillo-Reynoso, F.; Lopez-Pimentel, J.-C.; Ruiz-Ibarra, E.; Garcia-Berumen, A.; Del-Puerto-Flores, J.A.; Gilardi-Vel?zquez, H.E.; Kumaravelu, V.B.; Luna-Rodriguez, L.A.	A Transformer-Based Multi-Task Learning Model for Vehicle Traffic Surveillance	Mathematics	13	23			2.2	10.3390/math13233832
3626	L.; R.	Efficient Decolourisation of Astrazon Pink Dye Using Biocarbon Derived from Prosopis juliflora Shells: Kinetics, Isotherms, and RSM-Based Optimization for Sustainable Wastewater Treatment	Reactions	6	4			2.2	10.3390/reactions6040057
3627	Sivaranjani, A.; Radha, S.	QSPR analysis of anti-HIV drugs using neighborhood degree sum-based topological indices	European Physical Journal E	48	10-Dec			2.2	10.1140/epje/s10189-025-00534-y
3628	Athiruban, V.R.; G, R.	Tribological behavior of woven carbon/glass fibers on stainless steel wire mesh reinforced hybrid composite	Journal of Reinforced Plastics and Composites					2.2	10.1177/07316844251384150

3629	Pandian, C.K.A.; Muthaiah, T.; Purushothaman, R.; Jeyanthi, J.	Evaluating the acoustic and low-velocity impact behavior of sustainable polylactic acid (PLA)/poly(butylene adipate-co-terephthalate) (PBAT)/graphene nanoplatelet three-dimensional (GNP 3D) printed composites	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.2	10.1177/09544089251403151
3630	Ghosh, S.; Chakrabarty, R.; Paira, P.	Iridium and rhenium complexes in photodynamic and sonodynamic therapy: mechanistic insights and therapeutic potential	Bioorganic and Medicinal Chemistry Letters	132				2.2	10.1016/j.bmcl.2025.130479
3631	Ponnusamy, U.; Perumal, V.	Comprehensive review on learning models of leukemia detection based on morphological information	Leukemia and Lymphoma					2.2	10.1080/10428194.2025.2583449
3632	Sanju A., Patange A.D., Rahalkar A.M., Soman R.	Notifying Type-2 Error and Segregating Undefined Conditions in Health Monitoring of Milling Cutter: A Statistical and Deep Learning Approach	Journal of Vibration Engineering and Technologies	13	1			2.1	10.1007/s42417-024-01706-4
3633	Johnson M., Vijayakumar V., Kwon K.	Existence and Optimal Controls for Generalized Riemann–Liouville Fractional Sobolev-Type Stochastic Integrodifferential Equations of Order $\vartheta \in (1,2)$	Mathematical Methods in the Applied Sciences					2.1	10.1002/mma.10662

3634	Atta S.; NarendraKumar U.; Kumar K.V.A.N.P.S.; Yadav D.P.; Rai S.K.; Gupta P.; Dash S.	Nano-mechanical and condensed phase characterization of cylindrical magnetron sputtered self-assembled TiN nano-hill coating	Journal of Nanoparticle Research	27	2			2.1	10.1007/s11051-024-06208-8
3635	Allan M.J.E.; Hariharan M.; Thomas Rueshwin S.C.; Sneha G.; Vijay A.; Thamizharasan G.; Gadha R.J.; Vats A.; Swetha M.; Rajnikant P.A.; Eithiraj R.D.	X-ray absorption near edge structure of bulk and two-dimensional Na2Po: A testbed for scientific research	Solid State Communications	398				2.1	10.1016/j.ssc.2025.115861
3636	Aravindhan R.; Ummal Momeen M.; Hu J.	Solvent influence on the optical absorption, frontier molecular orbitals, and electronic structure of 1-bromo adamantane	Journal of Molecular Modeling	31	2			2.1	10.1007/s00894-025-06284-0
3637	Kanniyappan S.; Selvaraj S.K.	Influence of Nanodiamonds on Mechanical, Acoustic, Vibration Damping and Flame Retardancy in Jute Fiber-Reinforced Epoxy Composite Panels Used in Indoor Applications	Journal of Vibration Engineering and Technologies	13	1			2.1	10.1007/s42417-024-01638-z
3638	Bhakuni M.S.; Das U.; Bhakuni P.; Ramesh Kumar S.; Das A.	An Integrated MCDM-Based Mathematical Modeling Approach for Sustainable Practices of Vermicomposting in Educational Institutions	Process Integration and Optimization for Sustainability					2.1	10.1007/s41660-025-00487-x

3639	Saiteja P.; Ashok B.; Kavitha C.	Experimental Investigation and Diminution of Vibration and Acoustic Emissions in BLDC Motor through Efficient Energy Management Controller for Electric Vehicle	Journal of Vibration Engineering and Technologies	13	1			2.1	10.1007/s42417-024-01588-6
3640	Babu T.N.; Saraya J.; Singh K.; Prabha D.R.	Rolling Element Bearing Fault Diagnosis Using Discrete Mayer Wavelet and Fault Classification Using Machine Learning Algorithms	Journal of Vibration Engineering and Technologies	13	1			2.1	10.1007/s42417-024-01549-z
3641	Sureshkumar M.; Karthikeyan S.; Awad F.; Kanagaraj P.; Shanmugaraja M.; Babu I.M.	Spectroscopic insights into human serum albumin and PGSA dendrimer interactions: assessing bio-distribution efficiency	Chemical Papers					2.1	10.1007/s11696-024-03876-7
3642	Jaswanth A.; Kaleemulla S.	Synthesis of CdO nanoparticles using facile solid-state reaction and systematic study on their physical properties	Chemical Papers					2.1	10.1007/s11696-025-03904-0
3643	Subhashri A.R.; Radhika T.	Robust Sampled-Data Synchronization of Memristor Inertial Competitive Neural Networks With Two Delay Components	Mathematical Methods in the Applied Sciences					2.1	10.1002/mma.10713
3644	Johnson M.; Vijayakumar V.	Discussion on the Optimal Controls Results for Fractional Systems With Atangana–Baleanu Derivative	Mathematical Methods in the Applied Sciences					2.1	10.1002/mma.10748

3645	Varma M.; Chandran S.	The effect of glow discharge air plasma surface treatment on mechanical properties of natural fiber reinforced-epoxy sustainable biocomposites	Composite Interfaces					2.1	10.1080/09276440.2025.2460340
3646	Sushanth S.J.; Madhumathi A.; Rajasekar E.	Effect of local climate zone morphology on ventilation availability and thermal performance	Advances in Building Energy Research					2.1	10.1080/17512549.2024.2440484
3647	Srirangan P.; Sabina E.P.	Protective effects of herbal compounds against cyclophosphamide-induced organ toxicity: a pathway-centered approach	Drug and Chemical Toxicology					2.1	10.1080/01480545.2025.2455442
3648	Hari K.K.; Ganesan N.	Experimental investigation on the impact of ammonia fuel in a low-powered CI engine – A study toward dual fuel engine approach	Environmental Progress and Sustainable Energy					2.1	10.1002/ep.14580
3649	Reshma K.P.; Kumar A.	Global Dynamics of a Stage Structure Prey–Predator Model With Fear, Group Defense, and Antipredator Behavior	Mathematical Methods in the Applied Sciences					2.1	10.1002/mma.10845
3650	Shanmugam R.; Dineshkumar P.; Sangeetha T.; Mounica P.; Ramya K.; Elangovan A.; Arivazhagan G.	Monomer, cyclic dimer of dimethyl sulfoxide, and dimethyl sulfoxide-water hydrogen bonded complexes: FTIR studies and quantum chemical calculations	Journal of Molecular Modeling	31	3			2.1	10.1007/s00894-025-06300-3

3651	Mishra U.; Indrajitsingha S.K.; Jauhari W.A.	A Green Inventory Model for a Greenhouse Firm System with Controllable Deterioration Under Stock-Dependent Demand	Process Integration and Optimization for Sustainability					2.1	10.1007/s41660-025-00499-7
3652	Dineshkumar S.; Degalhal M.R.	Dynamic Analysis and Parameter Estimation of Bladed Rotor Bearing System	Journal of Vibration Engineering and Technologies	13	4			2.1	10.1007/s42417-025-01791-z
3653	Viswanathan P.C.; Sridharan N.V.; Mahanta T.K.; Kumaraswamy M.C.; Kumar H.; Vaithiyanathan S.	A Comparative Study on Tree-Based Classifiers for Condition Monitoring of Face Milling Tool	Journal of Vibration Engineering and Technologies	13	3			2.1	10.1007/s42417-025-01792-y
3654	Sur S.; Sathiavelu M.	Evaluation of Bacillus sp. strain isolated from pesticide influenced rhizospheric soil for dimethoate degrading potential	Brazilian Journal of Microbiology					2.1	10.1007/s42770-025-01648-3
3655	Korkua S.K.; Thubsuang U.; Sakphrom S.; Dash S.K.; Tesanu C.; Thinsurat K.	Simulation-Driven Optimization of Thermochemical Energy Storage in SrCl2-Based System for Integration with Solar Energy Technology	Inventions	10	1			2.1	10.3390/inventions10010009
3656	Chacko R.K.; Chandrakanth P.; Roy A.; Gosalia H.; Aggarwal G.; Narendran V.	Pupilmate: A do-it-yourself frugal pupilometer	Indian Journal of Ophthalmology	73	3	437	441	2.1	10.4103/IJO.IJO_859_24

3657	Esfanddarani H.M.; Panigrahi M.	Effect of Solvents in Bio-Inspired Silver Nanoparticles Mediated by Asparagus Officinalis Extracts with Evaluation of Their Structural, Morphological, and Antibacterial Properties	JOM					2.1	10.1007/s11837-025-07266-6
3658	Tallam A.S.A.; Mohanty C.P.; Mahato K.K.; Hotta T.K.; Shastri R.K.; Narayanan J.A.	Advancements in the fabrication of metal matrix composites: a detailed review of manufacturing and characterization techniques	International Journal on Interactive Design and Manufacturing					2.1	10.1007/s12008-025-02263-0
3659	Narisimha Murty T.; Mehta K.; Mutra R.R.; Mallikarjuna Reddy D.	Vibration Mitigation in High-Speed Rotor-Bearing Systems with Various Control Schemes	Journal of Vibration Engineering and Technologies	13	2			2.1	10.1007/s42417-024-01709-1
3660	Muthuvairavan G.; Kopalakrishnaswami A.S.; Venkatesan G.; Natarajan S.K.	Modeling and Simulation of Solar Compound Parabolic Concentrator-Integrated Low-Temperature Thermal Desalination System	Journal of Solar Energy Engineering	147	3			2.1	10.1115/1.4067498
3661	Nieto-Panqueva F.; Vázquez-Acevedo M.; Barrera-Gómez D.F.; Gavilanes-Ruiz M.; Hamel P.P.; González-Halphen D.	A high copy suppressor screen identifies factors enhancing the allotopic production of subunit II of cytochrome c oxidase	G3: Genes, Genomes, Genetics	15	3			2.1	10.1093/g3journal/jkae295
3662	J M.S.K.; Ramakrishnan P.; Panneerselvam P.	Sustainable biofuel production through catalytic hydrothermal liquefaction of Arthrospira platensis: an integrated experimental and predictive modeling study	Biofuels					2.1	10.1080/17597269.2025.2493414

3663	Kumari N.A.; Kaushik B.K.	Comprehensive Analysis of TreeFET : A Circuit Perspective	IEEE Transactions on Nanotechnology					2.1	10.1109/TNANO.2025.3560672
3664	Shah V.C.; Sridharan N.V.; Vaithiyanathan S.; Sreelatha A.P.; Radha M.B.	A stacking ensemble classification model for determining the state of nitrogen-filled car tires	Journal of Intelligent Systems	34	1			2.1	10.1515/jisys-2024-0358
3665	Vaishnavi J.; Osborne W J.	Phyto-rhizoremediation potential of C. zizanioides augmented with Bacillus infantis (VITVJ8) for the uptake of heavy metals (Cr, Pb and Zn)	Frontiers in Soil Science	5				2.1	10.3389/fsoil.2025.1484039
3666	Mariammal G.; Suruliandi A.; Stamenkovic Z.; Raja S.P.	A Novel Ensemble Machine Learning Algorithm for Predicting the Suitable Crop to Cultivate Based on Soil and Environment Characteristics	IEEE Canadian Journal of Electrical and Computer Engineering	47	3	127	135	2.1	10.1109/ICJECE.2024.3400048
3667	Asmitha N.R.; Pannem R.M.R.	Performance of engineered cementitious composites under-elevated temperature--a review	Composite Interfaces					2.1	10.1080/09276440.2025.2491804
3668	B V.K.; P S.; T P.	Optimizing the thermal efficiency and drug delivery to narrowing arteries with silver-gold nanoparticles: A numerical study	Journal of Computational and Applied Mathematics	471				2.1	10.1016/j.cam.2025.116723
3669	Vinoth John Prakash S.; Karunanithi K.; Dhal P.K.; Rajakumar P.; Amosedinakaran S.; Raja S.P.	Sustainable microgrid system for Easter Island with the least cost and GHG emission-free approach	Environmental Progress and Sustainable Energy					2.1	10.1002/ep.14623

3670	Paliwal M.K.; Jakhar S.; Dhurandher B.K.; Sharma V.	Experimental investigation on preparation, characterization and stability of Al2O3 nanofluid in application of PV thermal management	Environmental Progress and Sustainable Energy					2.1	10.1002/ep.14648
3671	Zaheer S.; Chanda A.; Kumar Nashine H.	Approximate Solution of a Nonlinear Volterra–Fredholm Integral Equations Via New Z-Iterative Algorithm	Mathematical Methods in the Applied Sciences					2.1	10.1002/mma.11006
3672	Deepika R.; Muthunagai K.	A Novel Fractional Uncertainty Relation in Quaternionic Quantum Mechanics	Mathematical Methods in the Applied Sciences					2.1	10.1002/mma.11065
3673	Ramaswamy N.; Panigrahi M.; Sivaprakash V.; Ansari M.N.M.; Kwon T.-Y.	Electrochemical Corrosion Performance of Anodic TiO2 Nanotubes Synthesized from Glycerol–NH4F Stirred Electrolytes	JOM	77	6	4797	4806	2.1	10.1007/s11837-025-07388-x
3674	Dinesh Babu R.; Devaprakasam D.	Hierarchical Design and Finite Element Analysis of Hierarchically Structured Composite Materials for Femur and Tibia Bone Implants Scaffolding	JOM					2.1	10.1007/s11837-025-07410-2
3675	Kumari A.; Rao K.V.B.	Exploring the Bacterial Diversity of Rajgir Hot Spring in India and its Antibacterial Potential	Indian Journal of Microbiology					2.1	10.1007/s12088-025-01482-z
3676	Raj S.; Pannem R.M.R.	Effect of graphene oxide on the microstructure and hydration characteristics of fibre reinforced cementitious composites	Fullerenes Nanotubes and Carbon Nanostructures					2.1	10.1080/1536383X.2025.2495047

3677	S S.P.; Asi V.D.R.	Empirical insights into harnessing symmetrical communication and scouting prowess through spiritual leadership	Global Knowledge, Memory and Communication					2.1	10.1108/GKMC-09-2024-0589
3678	Das S.; Choudhury B.; Chauhan S.; Balamurali M.M.; Chanda K.	An overview of the synthesis of biheterocyclic compounds featuring four-membered rings containing nitrogen, oxygen, or sulfur	Tetrahedron	181				2.1	10.1016/j.tet.2025.134679
3679	Varma M.; Chandran S.	Surface treatment of natural fibers for enhancing interfacial adhesion and mechanical properties in biocomposites - a comprehensive review	Composite Interfaces					2.1	10.1080/09276440.2025.2498795
3680	R A.; Hu J.; M U.M.	Chiral generation in achiral lower diamondoid triamantane through prochiral halogen substitution	Journal of Molecular Modeling	31	7			2.1	10.1007/s00894-025-06407-7
3681	Dhanabal S.; Goswami C.; Praveen R.V.S.; Vetriselvi T.	Shuffle-F-ZFNet: ShuffleNet Fuzzy Zeiler and Fergus network for data aggregation in WSN data communication	Wireless Networks					2.1	10.1007/s11276-025-03965-9
3682	Alex R.A.; Abraham J.	Biodegradation of chloramphenicol by Aspergillus neoflavipes AJC3	Chemical Papers					2.1	10.1007/s11696-025-04123-3
3683	Patel M.S.; Rahaman A.; Jose Immanuel R.	Advanced microstructural engineering through thermo-mechanical processing for enhanced corrosion resistance in Mg-Gd-Y alloys	Chemical Papers					2.1	10.1007/s11696-025-04172-8

3684	Peter John A.; Mishra U.	Optimizing Sustainable PET Plastic Supply Chain Model with Reverse Logistics Waste Tracking System	Process Integration and Optimization for Sustainability					2.1	10.1007/s41660-025-00534-7
3685	Sahu N.K.; Biswal D.K.; Prusty J.K.; Joseph S.V.; Mohanty S.C.	Buckling and Free Vibration Analysis of Doubly Curved Skewed Sandwich Shell Structures with FGM Constraining Layer	Journal of Vibration Engineering and Technologies	13	6			2.1	10.1007/s42417-025-01932-4
3686	Jatakar K.; Shah V.; Kandharkar S.; Patange A.D.	Adapting LeNet-5 with Transfer Learning for Fault Diagnosis in Cutting Tools Using Vibration Signals	Journal of Vibration Engineering and Technologies	13	6			2.1	10.1007/s42417-025-01940-4
3687	Kali V.; Pasuparthy S.D.; Maiti B.	[CMMIM][BF4] ionic liquid catalyzed efficient synthesis of henna based xanthene derivatives and their photophysical, theoretical and molecular docking studies	Tetrahedron	184				2.1	10.1016/j.tet.2025.134774
3688	Zulkifli N.Z.; Ramadevi B.; Bingi K.; Ibrahim R.; Omar M.	Predicting Remaining Useful Life of Induction Motor Bearings from Motor Current Signatures Using Machine Learning	Machines	13	5			2.1	10.3390/machines13050400
3689	Tamilselvi S.; Suchetha M.; Ratra D.; Surya J.; Preethi S.; Raman R.	Evaluating anti-VEGF responses in diabetic macular edema: A systematic review with AI-powered treatment insights	Indian Journal of Ophthalmology	73	6	797	806	2.1	10.4103/IJO.IJO_1810_24

3690	P.P.S., Lekha, P. Padma Sri; E.P.A., Azeez, E. P.Abdul; B.L., Lavanya, B. Latha; V., Kalyani, V.; M., Mathew, Manoj; S.G., Prasath, S. Giri; J.L., Joshwin, J. Leo; U., Nithyasree, U.	The Well-Being of Slum Dwellers Are Associated With WaSH-Related Factors: A Cross-Sectional Study From India	Health Science Reports	8	7			2.1	10.1002/hsr2.70811
3691	P.K., Senbagaraja, Palani Kumar; P., De, Poulomi	Comparative study and shape factor analysis of the EMHD flow on tangent hyperbolic tetrahybrid Al2O3, Ag, TiO2 and ZnO nanoparticles over the horizontal and exponentially non-Darcy porous stretching/shrinking cylinder	Pramana - Journal of Physics	99	3			2.1	10.1007/s12043-025-02928-1
3692	B.R., Tapas Bapu, B. R.; M., Maharajan, M.; A., N, Anusha; R., Sundaram, Ramkumar; S., Suvitha, Sundar; S.J., Kumaresan, S. Joshua	Biosynthesized CoFe2O4 from grape peel extract and polyvinyl alcohol-based composite: evaluation and characterization	Journal of the Australian Ceramic Society					2.1	10.1007/s41779-025-01237-5

3693	G., Murugusundaramoorthy, Gangadharan; A.A., Lupas, Alina Alb; A., Alburaikan, Alhanouf; S.M., El-Deeb, Sheza M.	Coefficient functionals for Sakaguchi-type-Starlike functions subordinated to the three-leaf function	Demonstratio Mathematica	58	1			2.1	10.1515/dema-2025-0123
3694	R.K., B, Rushi Kumar; R., VijayaKumar, R.; A.J., Rani, A. Jancy	A Model for the Generalised Dispersion of Synovial Fluids on Nutritional Transport with Joint Impacts of Electric and Magnetic Field	Mathematical and Computational Applications	2				2.1	10.3390/mca28010003
3695	P., Srivastva, Priyanshu; P., B, Prabadevi	Deepfakes detection using convolutional neural networks	Signal, Image and Video Processing					2.1	10.1007/s11760-025-04506-9
3696	N., Hemnath, N.; S., Raut, Santanu; S., Saha, Sandip; A., Bhushan, Awani	Stability analysis of the solitary wave interaction via Lyapunov function and Hirota bilinear method	Pramana - Journal of Physics					2.1	10.1007/s12043-025-02960-1
3697	T.R.S., Kumar, Talapa Reddy Suman; Y., Sreevalli, Yamini	Prediction Model for Missile Impact Performance of RC Targets with Enhanced Reinforcement Configurations	Journal of Performance of Constructed Facilities					2.1	10.1061/JPCFEV.CFENG-4805
3698	M., Vijayalakshmi, M.; S., Anbalagan, Sasithradevi; P., Muthuvel, Panayan	NodYOLO-GAM: A Hybrid Multi-Scale Attention-Enhanced Convolutional Neural Network for Real-Time Polymetallic Nodule Detection in Oceanic Environments	Signal, Image and Video Processing					2.1	10.1007/s11760-025-04714-3

3699	S.D., M, Shyamala Devi; Y., Natarajan, Yuvaraj; null; null	Thermal imagery temperature gradient analysis through deformable transformer residual regression network for crack severity estimation	Applications in Engineering Science					2.1	10.1016/j.apples.2025.100265
3700	K., Sundarr, Kavin; R., Inamdar, Rohan; V.D., Sahu, Varun Dev; N., Katal, Nitish	Enhanced aerial image segmentation via hybrid Swin-UNet with dilated convolutions and multi-scale fusion	Signal, Image and Video Processing					2.1	10.1007/s11760-025-04522-9
3701	B.P., Ghadei, Biswa Prakash; D., Dhupal, Debabrata; S.K., Sahu, Santosh Kumar; P.C., Jena, Pankaj Charan; A., Das, Anshuman; S.R., Das, S. R.	Experimental investigation on surface modification of AA5754 alloy in electrical discharge coating using Cu?W composite electrode	Journal of the Brazilian Society of Mechanical Sciences and Engineering					2.1	10.1007/s40430-025-05883-5
3702	S., Parkavi, S.; A., Parthiban, Angamuthu	Evaluating urban traffic dynamics: a study of mobility in Vellore city	Frontiers in Sustainable Cities					2.1	10.3389/frsc.2025.1631748
3703	Dar, Z.M.; Arrutselvi, M.; Muthusamy, C.; Natarajan, S.	A conforming virtual element method for Emden-Fowler model over polygonal meshes	Advances in Computational Mathematics	51	6			2.1	10.1007/s10444-025-10260-w
3704	P, B.; Xavior M, A.	Assessing the effect of heat treatment and tempering conditions on the properties of graphene/B4C reinforced Al6061 composites	Advances in Materials and Processing Technologies					2.1	10.1080/2374068X.2025.2573070
3705	Mostafavi, M.; Ayatollahi, A.; Sivakumar, S.; Ko, S.-B.	EEG-based biometric authentication: advancing security through motor imagery and deep learning	Signal, Image and Video Processing	19	14			2.1	10.1007/s11760-025-04852-8

3706	Sumathi, M.; Sahana, S.; Rajeswari, S.S.R.; Kruthi, V.; Raja, S.P.	Enhancing Diabetes Prediction With Minimal Processing Time Using Catboost: A Comparative Study	Journal of Evaluation in Clinical Practice	31	7			2.1	10.1111/jep.70284
3707	Ag, K.M.; Venugopal, A.; Kavitha, M.S.; Sp, S.I.	Lightweight GANs in domain generalized medical image segmentation	Signal, Image and Video Processing	19	14			2.1	10.1007/s11760-025-04838-6
3708	Bharath, H.; Venkatesan, K.	Comprehensive review of the micro-texture in turning applications: current state and recent advancements	Advances in Materials and Processing Technologies					2.1	10.1080/2374068X.2025.2559957
3709	Padmakumar, P.; Lisho, E.; Esther Moriah, A.; Johanan Joysingh, S.	U-Net- and YOLOv8-based pipeline for license plate recognition in adverse weather	Signal, Image and Video Processing	19	16			2.1	10.1007/s11760-025-04943-6
3710	Sreevalli, I.Y.; Vignesh, M.	Sustainable valorization of unburnt fly ash bricks utilizing construction demolition and industrial wastes	International Journal of Coal Preparation and Utilization					2.1	10.1080/19392699.2025.2589974
3711	Priyadarshini, N.; Perumal, P.; Prartthana, M.P.; Pragateesh, K.D.; Akshaya, S.B.	Mini review on hydroxyapatite based adsorbents for hexavalent chromium removal: recent advances and Indian relevance	Proceedings of the Indian National Science Academy					2.1	10.1007/s43538-025-00563-3
3712	Parkavi, S.; Parthiban, A.	Assessing urban traffic congestion for sustainable transportation in Chennai, India: a case study of Kathipara and T. Nagar intersections	Frontiers in Sustainable Cities	7				2.1	10.3389/frsc.2025.1684489

3713	Elakya, E.; Gopalakrishnan, A.; Balakrishnan, A.; S.; T, M.	Advanced techniques in paddy disease detection: boosting classification accuracy with stratified cross-validation	Paddy and Water Environment					2.1	10.1007/s10333-025-01053-4
3714	Srinidhi, S.; Ahmed, A.; Anandan, P.; Sriadibhatla, S.	An intelligent and ergonomic wearable gesture driven mathematics learning system for persons with disabilities in inclusive education	Journal on Multimodal User Interfaces					2.1	10.1007/s12193-025-00470-3
3715	Nanditha, R.N.; Saha, S.	The Impact of a Submerged Elastic Plate on Wave Propagation Over a Porous Bed	Journal of Offshore Mechanics and Arctic Engineering	148	2			2.1	10.1115/1.4070130
3716	Acharya A., Gupta S., Kumba K., Upender P.	Leveraging momentum clustering and PID control for enhanced portfolio management	Cogent Economics and Finance	13	1			2	10.1080/23322039.2024.2449194
3717	Varman U., Sivapatham S., Vijayakumar K.P., Pradeep K., Sharma D.	An integrated OkraNet Framework for detection of disease and maturity stage classification in okra farming	Agronomy Journal	117	1			2	10.1002/agj2.21742
3718	Nandhaprasadh K.; Udhayakumar R.	Approximate controllability of a semilinear impulsive fractional stochastic integro-differential inclusions with Poisson jumps	Journal of Mathematics and Computer Science	38	2	263	280	2	10.22436/jmcs.038.02.08
3719	Sundari K.S.; Keerthi B.S.	Enhancing the quality of low-light images via the coefficient bounds derived for a subclass of Sakaguchi-type function	Eurasip Journal on Image and Video Processing	2025	1			2	10.1186/s13640-025-00663-6

3720	R. D.K.; A. R.	Optimizing UAV deployment for maximizing coverage and data rate efficiency using multi-agent deep deterministic policy gradient and Bayesian optimization	Physical Communication	69				2	10.1016/j.phycom.2025.102621
3721	Anilkumar P.; Venugopal P.; Lokesh K.; NagaJyothi G.; Nanda kumar M.	AA-TransDeeplabv3 + : a novel semantic segmentation framework for aerial images using adaptive and attentive based Transdeeplabv3 + with hybrid optimization technique	Signal, Image and Video Processing	19	3			2	10.1007/s11760-024-03617-z
3722	Alex R.A.; Abraham J.	Mycoremediation of Sulfamethoxazole and metabolic pathway by Aspergillus tubingensis strain	Biotechnology Letters	47	1			2	10.1007/s10529-025-03568-6
3723	Nagarajan D.; Hussain S.S.; Malik M.	Optimal Control of Stochastic Magneto-Hydrodynamics With Non-Instantaneous Impulsive Effects: Applications to Solar Flare Impact Mitigation	Optimal Control Applications and Methods					2	10.1002/oca.3260
3724	Haryini S.; Rais A.; Gopikrishnan M.; Elavarasu S.M.; Kumar D.T.; Sasikumar K.; Doss C.G.P.	Evaluating Natural Compounds as Inhibitors of Lipopolysaccharide Biosynthesis in Acinetobacter baumannii: A Comprehensive Method Employing Molecular Docking and Dynamics Simulations	Journal of Computational Biophysics and Chemistry					2	10.1142/S2737416524500893

3725	Varghese M.A.; Sharma P.; Patwardhan M.	Public Perception on Artificial Intelligence–Driven Mental Health Interventions: Survey Research	JMIR Formative Research	8				2	10.2196/64380
3726	Das P.	A metasurface integrated self-decoupled multiport tunable antenna for THz applications	Journal of Optics (United Kingdom)	27	1			2	10.1088/2040-8986/ad9504
3727	Saravanan V.; Chinnathambi R.; Rihan F.A.	Modeling and controlling Leptospirosis transmission in humans and rodents	Journal of Mathematics and Computer Science	39	1	30	49	2	10.22436/jmcs.039.01.03
3728	Teja M.D.; Rayalu G.M.	Optimizing heart disease diagnosis with advanced machine learning models: a comparison of predictive performance	BMC Cardiovascular Disorders	25	1			2	10.1186/s12872-025-04627-6
3729	Hiremath S.; Ganesh R.N.; Viswanathan P.	Insight into obesity associated hyperoxaluria: identifying the shared biomarkers and pathways in kidney stones and obesity by integrative bioinformatic and in vivo studies	Urolithiasis	53	1			2	10.1007/s00240-025-01744-x
3730	Devi S.; Jayaraman G.	A Comprehensive Review on the Therapeutic Applications of Snake Venom Nerve Growth Factor	International Journal of Peptide Research and Therapeutics	31	4			2	10.1007/s10989-025-10718-x
3731	Akula V.K.; Tak T.K.; Kshirsagar P.R.; Sonekar S.V.; Ginnela G.	A Tolerant and Energy Optimization Approach for Internet of Things to Enhance the QoS Using Adaptive Blended Marine Predators Algorithm	Computers, Materials and Continua	83	2	2449	2479	2	10.32604/cmc.2025.061486

3732	Thayyib P.V.	Firm-specific determinants influencing tax avoidance among Indian multinational corporations: a panel regression approach	Cogent Economics and Finance	13	1			2	10.1080/23322039.2025.2483869
3733	Thirumalai A.; Muthunagai K.	A perception of the applications of bicomplex fractional Laplace transform	Journal of Mathematics and Computer Science	39	1	105	115	2	10.22436/jmcs.039.01.07
3734	Thankaraj B.S.; Ramasamy A.; Venkatachalam Rajarajan B.	Beam steering permutation switch using annular photonic crystal for optical networks	Journal of Optics (United Kingdom)	27	5			2	10.1088/2040-8986/adcbbd
3735	Dharsheni S.T.S.; Sivakami B.	Experiences of trans women who have undergone gender affirmation surgery: a constructivist grounded theory	Frontiers in Sociology	10				2	10.3389/fsoc.2025.1544906
3736	Daniel A.; Suya Prem Anand P.	Advancements in SS 316L TPMS gyroid scaffold developed for bone tissue engineering	Surface Topography: Metrology and Properties	13	2			2	10.1088/2051-672X/add17a
3737	Ajay A.; Bisht A.S.; Chauhan S.S.; Uppuluri P.; S P.B.	FishFusionNet: An ensemble-based approach for fish species identification using SqueezeNet and efficient attention-boosted semi-local network	Signal, Image and Video Processing	19	8			2	10.1007/s11760-025-04250-0
3738	Krishnamurthy B.; Rakkiyannan J.	Enhancing tool condition monitoring in friction stir welding with probabilistic neural network algorithm	Frontiers in Mechanical Engineering	11				2	10.3389/fmech.2025.1613216

3739	N., Anithadevi, N.; S.K., Palanisamy, Satheesh Kumar; S., Saranya Rubini, S.; S., Shrestha, Sachin	MediaPipe-LSTM-Enhanced Framework for Real-Time Dynamic Sign Language Recognition in Inclusive Communication Systems	Engineering Reports	7	7			2	10.1002/eng2.70142
3740	N., Vijayakumar, Naveensubramaniam; S.K., Venkatraman, Senthil Kumar; J., Abraham, Jayanti; H.F., Hamdan, Hanis Fadhlina; G., Krishnamurithy, Genasan; M.H.A.A., Shukor, Mohd Hamdi Abd A.; S., Sasikumar, S.	Biowaste-Derived Rankinite: A Study on Its Hemocompatibility, Antimicrobial, and Osteogenic Properties for Hard Tissue Regeneration	ChemistrySelect	10	27			2	10.1002/slct.202405912
3741	B., Ramakrishna, Buthanapalli; U., Kumar, Udit; R., Nagarajaprakash, R.; S., Verma, Shruti; M., Mondal, Moumita; N., Sakthivel, N.; B., Manimaran, Bala.	Two-Component Self-Assembly of 8-Aminoquinolato-Bridged Manganese(I)- and Rhenium(I)-Based Dinuclear Metallacycles and Their Anti-Proliferative Activity Studies	ChemistrySelect	10	26			2	10.1002/slct.202502288
3742	D., Manne, Divya; I., Govindanarayanan, Idayachandran	Compact Wideband Bot Shaped Monopole Antenna for Vehicular Communication	Sensing and Imaging	26	1			2	10.1007/s11220-025-00636-z

3743	S., Annamalai, S.; M.S., Patel, Md Saad; B., Anand Ronald, B.; A., Rahaman, Ariful; R.J., Immanuel, R. Jose	Role of Microstructural Modification in the Slurry Erosion Behavior of Friction Stir Processed AZ31 Magnesium Alloy	Journal of Materials Engineering and Performance					2	10.1007/s11665-025-11636-1
3744	T., Aarathi, Thanippurath; A., Subramanyam Reddy, A.	Entropy generation due to a micropolar ternary hybrid nanofluid flow over a vertical stretching cylinder under quadratic thermal radiation: an artificial neural network approach for heat transfer analysis	Multiscale and Multidisciplinary Modeling, Experiments and Design	8	8			2	10.1007/s41939-025-00945-6
3745	B., Vinoth Kumar, B.; T., Poornima, Tamalapakula	Analysis of Jeffrey fluid over a vertical porous plate in Keller box method	Multiscale and Multidisciplinary Modeling, Experiments and Design	8	8			2	10.1007/s41939-025-00948-3
3746	S., Jakeer, Shaik; D.S., Grace, D. Serafin; P., Durgaprasad, P.; S.R., Reddisekhar Reddy, Seethi Reddy; H.T., Basha, Hayath Thameem	Two-phase Carreau bio-magnetic hybrid nanofluid flow over an inclined spinning disk: numerical simulation and machine learning	Multiscale and Multidisciplinary Modeling, Experiments and Design	8	8			2	10.1007/s41939-025-00949-2

3747	V., Thamizhselvi, V.; B., Venkateswarlu, Bhumavarapu; A., Misra, Ashok; P.V., Satya Narayana, P. V.; D., Harish Babu, Dondu	Numerical simulation of Jeffrey ternary nanofluid flow over an exponential stretching sheet with inclined magnetic field and heat source	Multiscale and Multidisciplinary Modeling, Experiments and Design	8	9			2	10.1007/s41939-025-00971-4
3748	M., Moyes, Mariadoss; S.R., Anala, Subramanyam Reddy	Entropy generation and mixed convection heat transfer analysis in MHD-driven third-grade (CuO + Fe3O4/blood) hybrid nanofluid flow over a stretching sheet influenced by thermal radiation and a non-uniform heat source/sink	Multiscale and Multidisciplinary Modeling, Experiments and Design	8	9			2	10.1007/s41939-025-00976-z
3749	D.G., Chandran, Drisya G.; L., Muruganandam, L.; R., Biswas, Rima	Molecular dynamics studies on removal of arsenic ions from aqueous solution using functionalised single-layered graphene sheet	Molecular Simulation	51	11	735	756	2	10.1080/08927022.2025.2523072
3750	Y., Ma, Yue; A.K., Tarofder, Arun Kumar; S.C., Chong, Siong Choy; A.U., Rehman, Asad Ur; B.P., Kushwaha, Bijay Prasad	Unveiling the Emotional and Cognitive Drivers of Value Co-Creation: Insights from China's Leisure Agriculture Destinations; **揭示价**值共创的情感与认知驱动因素: **来自中国休**闲农业旅游地的**启示**	Journal of China Tourism Research					2	10.1080/19388160.2025.2534047

3751	P., Guchhait, Partha; N., Choudhuri, Nairita; B.N., Chaudhuri, Bhaskar Narayan; T., Datta, Tanni; A.K., Dawn, Arup Kumar; P., Das, Pallab; S., Dalui, Susmriti; S., Das, Satadal	Improved diagnostic stewardship in carbapenem-resistant Enterobacterales gene detection helps in early initiation of targeted therapy	Journal of Medical Microbiology	74	6			2	10.1099/jmm.0.002029
3752	M., Gayathri, M.; S., Sophia, Sharon	Electoral Shockwaves: A Novel Analysis of Market Volatility Surrounding India's Prime Ministerial Elections	SAGE Open	15	2			2	10.1177/21582440251343955
3753	M., Asthana, Manu; J.M., Khan, Javed Masood; C., Shanthi, C.	Phylogenetic Analysis of SOD Gene Isolated from Indian Variety of Mud Crabs: Scylla serrata and Scylla olivacea	Current Protein and Peptide Science					2	10.2174/0113892037375925250519112911
3754	D.R., Sona, Deepika Rani; K., Bagadi, Kalapraveen; V., Annepu, Visalakshi; O.O., Oyerinde, Olutayo Oyeyemi; M., Manikanta, Mekala; K.A., Gangireddy, Kakarla Akash; S., Dintakurthi, Swaroop; K.S.K., Reddy, Kondreddy Santhosh Kumar	Optimized UAV-Based Relay Algorithm for Enhanced Emergency Wireless Coverage in Disaster Areas	Engineering Reports					2	10.1002/eng2.70295

3755	G.A., J., Gulzar Ali; S.K., Mohanty, Sanjay Kumar; C., Nayak, Chittaranjan	Angle-Independent Terahertz Absorption Based on Topological Interface States in a Graphene-Embedded 1-D Photonic Heterostructure Containing Hyperbolic Metamaterials	Physica Status Solidi - Rapid Research Letters					2	10.1002/pssr.202500160
3756	M., Gopikrishnan, Mohanraj; A., Rais, Affan; S.M., Kamath, Sakshi Manoj; C., Natarajan, Chandrasekaran; G.P.C., Doss, George Priya C.	Therapeutic Potential of Clove and Cinnamon Essential Oils in Diabetic Foot Ulcer: A Network Pharmacology and Molecular Dynamics Study	ChemistrySelect					2	10.1002/slct.202500008
3757	A., Srinivasan, Aparajith; R., Biswas, Rima	Understanding CO2 Capture at the Molecular Level in Imidazolium-Based Ionic Liquids	ChemistrySelect					2	10.1002/slct.202501318
3758	M., Behera, Mousumi; A., Philip, Abin; A., Ruban Kumar, A.	Optimized Hydroxyapatite?Carbon Nanotube Composite Electrodes for Enhanced Supercapacitor Performance	ChemistrySelect					2	10.1002/slct.202501845
3759	P., Singh, Priyanka; J., Gurunathan, Jayaraman	In Silico Design of Antimicrobial Peptides from Bungarus caeruleus Proteome Targeting Ethionamide Resistance Regulator of Mycobacterium tuberculosis	ChemistrySelect					2	10.1002/slct.202502346
3760	R., Anburaja, Ranjith; S., Kaleemulla, Shaik	Influence of Substrate Temperature on the Structural and Optoelectronic Properties of BiFeO3 Thin Films	ChemistrySelect					2	10.1002/slct.202502744

3761	R., Nair, Rishika; G., Velvizhi, G.	A Synergistic Photocatalytic Reduction of CO2 to Selective Formation of Methanol: Evaluating the Potential of Ricinus communis Peels Toward Green Synthesis of TiO2-Modified g-C3N4	ChemistrySelect					2	10.1002/slct.202502801
3762	S., Roy, Soumikh; S., Swain, Somyajit; A., Das, Anshuman; S.R., Das, S. R.	Performance of AlTiN- and AlTiSiN-Coated Carbide Tools in Dry Turning of Hardened AISI 4140 Steel: A Comparative Investigation	Journal of Materials Engineering and Performance					2	10.1007/s11665-025-11710-8
3763	M., Singh, Mukesh; H., Kumar, Hemant; M., Mishra, Mayank; M., Dhake, Mayur; N., Thanabal, N.; R., Silambarasan, Ragunathan; P., Seenuvasaperumal, P.; S.K., Makineni, S. K.; D.A., Basha, Dudekula Althaf	Texture Characteristics and Mechanical Properties of Deformed and Annealed Mg-0.4Bi Alloy	Journal of Materials Engineering and Performance					2	10.1007/s11665-025-11712-6
3764	A.P., Chakraborty, Arko Pravo; C.K., Sahu, Chinmaya Kumar	Beast-RRT*: an improved path planning algorithm with path optimization for mobile robot	International Journal of Intelligent Robotics and Applications					2	10.1007/s41315-025-00486-8
3765	S., Subramanian, Sankaralingam; G.P., Ganapathy, G. P.	Approach for estimation of seismic damage potential to vital community facilities for emergency planning	Spatial Information Research					2	10.1007/s41324-025-00641-0

3766	R., Elayaraja, R.; V., Ramachandra Prasad, V.	Natural convection and heat transfer analysis of Ag?MgO?Fe3O4/water ternary nanofluid in a rectangular cavity with heat sources, sinks, magnetic field, and viscous dissipation effects	Multiscale and Multidisciplinary Modeling, Experiments and Design					2	10.1007/s41939-025-00977-y
3767	J., Josuva, Joseph; R.H., Reddy, R. Hemadri	Cattaneo-Christov model for pulsatile flow of micropolar Carreau-Yasuda nanofluid in a non-Darcy vertical porous channel featuring temperature-dependent properties and exo/endothermic reactions	Multiscale and Multidisciplinary Modeling, Experiments and Design					2	10.1007/s41939-025-00984-z
3768	D., B, Dilip; Ragini	Greening the Workplace: Exploring the Dynamics of Environmental Knowledge, Individual Green Values, Supervisory Support, and Green Behavior in IT Organizations	SAGE Open					2	10.1177/21582440251357383
3769	S., Shinde, Sanjana; A., Ruban Kumar, A.	Advances in Cobalt Oxide-Based Supercapacitors: Recent Strategies and Performance Enhancement	ChemistrySelect					2	10.1002/slct.202501497
3770	S., Harshini, S.; S.R., Reddy, Sabbasani Rajasekhara	Sustainable Stereoselectivity Through Ugi/ Post-Ugi Modifications: Insights from Recent Literature (2019?2025)	ChemistrySelect					2	10.1002/slct.202502673

3771	Y., El Bakri, Youness; S.K., Mohamed, Shaaban Kamel; A., Ahsin, Atazaz; S., Karthikeyan, Subramani; A., Qamar, Aamna; M., Sarfraz, Muhammad; H.A., Abuelizz, Hatem A.; R.A., Al-Salahi, Rashad A.; J.T., Mague, Joel T.	Crystal Structure Investigation, DFT Calculations, Molecular Dynamic Study of a New Imidazole as a Potent Inhibitor of Microbial Hormone-Sensitive Lipase- E53	ChemistrySelect					2	10.1002/slct.202501226
3772	P.S., Gowtham, P. Sai; A.A., Angeline, Anita A.; P., Sasipriya, P.	Design and Analysis of a High-Speed Approximate Restoring Array Based Log Divider (ARLD)	Circuits, Systems, and Signal Processing					2	10.1007/s00034-025-03267-7
3773	M.S., Sunitha, M. S.; V., Vijayakumar, V.; N., Lohitha, Narayanaswamy; S., Sarveswari, S.	A Quinoline Appended Isonicotino Hydrazide-Based Colorimetric Chemosensor for Selective Detection of Cyanide Ion in Real Samples	ChemistrySelect					2	10.1002/slct.202502833
3774	A., Bera, Ayan; S., Sarkar, Sujoy; A., Banik, Ananya; P., Ghosh, P.; B., Das, Barun	Unveiling Binding Behavior of Naringenin with Functionalized Graphene: Insights from Spectroscopic and Computational Analyses	ChemistrySelect					2	10.1002/slct.202502625
3775	S.R., Arumugam, Sajeev Ram; S., Ulaganathan, Sakthi; R., Regunathan, Rajeshkannan; S., Vimala, S.	Segmentation and classification of brain tumour with optimisation enabled deep learning using MRI images	International Journal of Bio-Inspired Computation					2	10.1504/IJBIC.2025.148389

3776	D., Lingam, Divnesh; R., Ananthanarayanan, Rajeshkannan; A.K., Jeevanantham, A. K.	Multi-Objective Optimization of Cold-Rolled Al-Li Alloy Produced via Powder Metallurgy Using Taguchi-Based Grey Relational Analysis	Journal of Materials Engineering and Performance					2	10.1007/s11665-025-11937-5
3777	V., Vasan, Vinod; N.V., Sridharan, Naveen Venkatesh; P.A., Balaji, P. Arun; V., Sugumaran, V.	Misfire detection in internal combustion engine with MEMS accelerometer using decision-tree classifiers	Measurement and Control (United Kingdom)					2	10.1177/00202940251372860
3778	R.R., Shashank, Rajkumar R.; K., Praveenkumar, K.; K., Cheirmadurai, K.; S., Solomon Bobby, S.; G., Manivasagam, Geetha; R., Ananthanarayanan, Rajeshkannan; A.K., Jeevanantham, A. K.	Effect of Cold Deformation on Mechanical and Corrosion Properties of SS316L Gyroid Structures Fabricated through Selective Laser Melting	Journal of Materials Engineering and Performance					2	10.1007/s11665-025-11924-w
3779	M., Vijayakumar, M.; P., Bala Anki Reddy, Polu	MHD flow and heat transfer analysis of Williamson ternary hybrid nanofluids over a horizontal circular cylinder with slip boundary conditions: Keller box analysis	Multiscale and Multidisciplinary Modeling, Experiments and Design					2	10.1007/s41939-025-01007-7
3780	S., Chakraborty, Shreya; D., Rajeswari, Devi	Cytotoxic Effects of Tio2 Nanoparticles Synthesized from Hordeum Vulgare L. Waste on PA-1 Cell Line: A Green Nanotherapeutic Strategy for Ovarian Cancer	ChemistrySelect					2	10.1002/slct.202503348

3781	K.B., Hiremath, Kavita B.; S.V., Salimath, Shivabasayya V.; M., Pathak, Madhvesh; M., Shivashankar, Murugesh	Synthesis and Spectroscopic Investigation of 3-Aminobenzofuran-2-carboxamide Schiff Base Derivatives for DNA/HSA Binding	ChemistrySelect					2	10.1002/slct.202503450
3782	G.A., J., Gulzar Ali; S.K., Mohanty, Sanjay Kumar; C., Nayak, Chittaranjan	Dual-Band Angle-Independent Terahertz Absorption via Coupled Modes in Hyperbolic-Metamaterial-Based Photonic Crystals Integrating Graphene and Gold Layers	Physica Status Solidi - Rapid Research Letters					2	10.1002/pssr.202500306
3783	D., Krishnan, Deepa; S., Angappan, Sheela	Bioinspired Aldimine-Based Copper Complexes as Artificial Nucleases	ChemistrySelect					2	10.1002/slct.202502477
3784	C., Columbus Chinnappan, Christopher; P., Thanaraj Krishnan, Palani; E., Elamaran, Elakiya; R., Arul, Rajakumar; T., Sunil Kumar, T.	Quantum Computing: Foundations, Architecture and Applications	Engineering Reports					2	10.1002/eng2.70337
3785	Gavali, P.; Banu, J.S.	Energy valley flamingo search optimization trained hybrid deep learning for bird species classification	International Journal of Biomathematics					2	10.1142/S1793524525501086

3786	Sahoo, S.; Joshi, A.P.; Yazar, K.U.; Roy, S.	Fine-Scale Microstructure, Elemental Distribution, and Dislocation Substructure Formation and Their Influence on Post-deposition Phase Transformation in Additive Manufacturing of Ti-6Al-4V Alloy	Journal of Materials Engineering and Performance					2	10.1007/s11665-025-12207-0
3787	Namboodiripad, A.; Xavier, R.; Sreenivasan, P.; Ajithkumar, V.T.; Fiji, M.D.; Nasreen Abdul Jaleel, S.; George, G.; Thuruthiyath, N.; Chaudhary, V.S.; Kharat, N.; Machathi, A.; Lingam, R.; Varghese, T.; Alappat, M.M.	Genotyping of Rotavirus Gastroenteritis in Kerala, India, in the Postvaccination Period (2020?2023)	Indian Journal of Pediatrics					2	10.1007/s12098-025-05771-9
3788	Aravindhan, R.; Ummal Momeen, M.U.; Hu, J.	Halogenation and Solvent Induced Shielding and Deshielding Effects in 1H NMR and 13C NMR of Adamantane Derivatives	ChemistrySelect	10	37			2	10.1002/slct.202502474

3789	Xavier, R.; Namboodiripad, A.; Fiji, M.D.; Ajithkumar, V.T.; Jaleel, S.N.A.; Sreenivasan, P.; George, G.; Thuruthiyath, N.; Chaudhary, V.S.; Machathi, A.; Kharat, N.; Lingam, R.; Ganesan, S.K.; Varghese, T.; Alappat, M.M.	Impact of Wasting on the Severity of Rotavirus and Non-rotavirus Diarrhea in Children Aged Under 5 Years Hospitalized with Acute Gastroenteritis in Kerala, India	Indian Journal of Pediatrics					2	10.1007/s12098-025-05772-8
3790	G.R.; Singh, F.V.	Metal-Free Synthesis and Photophysical Studies of Highly Functionalized Stilbenes via Ring Transformation Reactions	ChemistrySelect	10	40			2	10.1002/slct.202501360
3791	Harinadh, H.; Uppalapati, S.; Edison, G.; Prakash, C.; Ferro, P.; Mystkowska, J.; Mystkowski, A.	Residual Stresses, Microstructure, and Mechanical Properties of Laser Beam Butt-Welded Dissimilar Joints of SS321 to Hastelloy C276	Journal of Materials Engineering and Performance					2	10.1007/s11665-025-12299-8
3792	Ganeshan, P.; Shanmugavel, D.	Synchronization Analysis of Semi-Markovian Jumping Dual Inertial Fractional-Order Neural Networks with Time Varying and Proportional Delay via Quantized Aperiodic Intermittent Control	Circuits, Systems, and Signal Processing					2	10.1007/s00034-025-03367-4

3793	Nallaiahgari, P.C.; Subashini, S.	The Impact of Clan and Adhocracy Cultures on Operational Performance: Mediating Effects of Personal Intention and Mentoring in Chennai Region Pharmaceutical Employees	SAGE Open	15	3			2	10.1177/21582440251363744
3794	Gayathri, K.M.; Joseph, R.; Vijayakumar, V.; Sarveswari, S.	A Captivating Review on Organic Chemosensors with Imidazole Core for Cation and Anion Detection	ChemistrySelect	10	37			2	10.1002/slct.202505014
3795	Rengasamy, S.; Ruban Kumar, A.R.	Unlocking the Potential of Manganese Ferrite: A Comprehensive Review of its Applications	ChemistrySelect	10	38			2	10.1002/slct.202503628
3796	Ramamoorthi, S.C.; Reddy, P.B.A.; Anil Kumar, K.A.	Response surface and sensitivity analysis of entropy generation in Casson hybrid nanofluid flow through a stenosed artery	Multiscale and Multidisciplinary Modeling, Experiments and Design	9	1			2	10.1007/s41939-025-01091-9
3797	Bhattarai, S.; Jayan, K.D.; Barman, P.; Kumar, A.; Shcheklein, S.E.; Sharma, A.; Sahoo, G.S.	Optimizing perovskite solar cell efficiency and stability with dual absorber layers (MAGeI3/MASnI3): a SCAPS-1D simulation study	Multiscale and Multidisciplinary Modeling, Experiments and Design	9	1			2	10.1007/s41939-025-01068-8
3798	Agbesi, W.E.K.; Sam-Amoah, L.K.; Kumi, F.; Darko, R.O.; Boafo, G.	Optimal operating parameters for a subsurface self-regulating, low energy, clay-based irrigation (SLECI) system in sandy loam soil across multiple rooting depths	Multiscale and Multidisciplinary Modeling, Experiments and Design	9	1			2	10.1007/s41939-025-01108-3

3799	Pushparaj, N.; Natarajan, M.; V J, S.	Exploring the Prominence of Quality Dimensions on M-Payments Apps Customer Experience and Stickiness	SAGE Open	15	3			2	10.1177/21582440251361988
3800	Ilayaraja, I.; Narayanasamy, K.	Enhanced Sugar Yield Prediction Using Dual-Parameter Chemical Analysis and Ensemble Machine Learning	Sugar Tech					2	10.1007/s12355-025-01681-4
3801	Joshi, T.; Sharma, T.R.; Panickar, A.; Mathpal, S.; Guchhait, R.; Ramaiah, S.; Anbarasu, A.	Screening of natural compounds potentially inhibiting the mutated C-terminal domain of GyrA in Salmonella Typhi using ML-based in silico approach	Network Modeling Analysis in Health Informatics and Bioinformatics	14	1			2	10.1007/s13721-025-00632-z
3802	Loganathan, T.; Shaistha Shabnam, S.; Devi, M.S.S.; George Priya Doss, C.	Network Pharmacology and Computational Insights into PTGS2 Interactions with Apigenin and Genistein for Alzheimer's Disease Therapeutics	ChemistrySelect	10	41			2	10.1002/slct.202501684
3803	Divya, S.; Christopher B, P.	The Role of Supervisor Support and Change Information in Determining Behavioral Attitudes Toward Change in an Academic Setting: Empirical Validation of Intra-Organizational Dynamics Using IPMA Analysis	SAGE Open	15	3			2	10.1177/21582440251367804
3804	Ramasamy, I.; Natarajan, S.; Mittal, A.	Impact of Workforce Diversity on Employee Retention and Engagement: Mediating Role of Organizational Climate	SAGE Open	15	4			2	10.1177/21582440251383043

3805	Siyamol, T.J.; Saral A, M.	Biogenic Fabrication of Palmitic Acid Coated Titanium Dioxide Nanoparticles and their Anticancer Potential Against Human Skin Cancer Cells	ChemistrySelect	10	41			2	10.1002/slct.202503372
3806	Rebekah, E.; Afjal, M.	Exploring the Mediating Role of FinTech Adoption and Digital Transformation in Enhancing Bank Performance: A TOE Framework Study Using a Hybrid SEM-ANN Approach	SAGE Open	15	4			2	10.1177/21582440251367149
3807	Thanigachalam, S.; Ray, R.K.; Pathak, M.; Chakraborty, D.	Salen Derivatives of Zr(IV) as Efficient Catalysts for the Ring-Opening Copolymerization of Epoxides with Anhydrides	European Journal of Inorganic Chemistry					2	10.1002/ejic.202500510
3808	Haque, S.; Rehman, M.T.; Mathkor, D.M.; Babegi, A.S.; Ahmad, F.	Identification and Characterization of Potential Inhibitors Against Drosophila Brain Tumor Protein BRAT Using Computational Approaches: A Preliminary Step towards Targeting Human Gliomas	ChemistrySelect	10	41			2	10.1002/slct.202504152
3809	Namboodiripad, A.; Xavier, R.; Chaudhary, V.S.; Lingam, R.; George, G.; Thuruthiyath, N.; Alappat, M.M.; Machathi, A.; Kharat, N.	Clinical Determinants of Unsuccessful Ultrasound-Guided Hydrostatic Saline Reduction in Children with Intussusception Post-Rotavirus Vaccine Introduction: Insights from a Tertiary Care Centre in Thrissur, Kerala, India	Indian Journal of Pediatrics					2	10.1007/s12098-025-05778-2

3810	Vijayalakshmi, S.; Arockiasamy, S.; Ramasamy, S.K.; Sudhadevi Antharjanam, P.K.S.	Investigation of a Cobalt(III) Schiff Base Complex: Synthesis, Crystal Structure, Computational Studies, and Antimicrobial Evaluation	ChemistrySelect	10	45			2	10.1002/slct.202504121
3811	Choudhury, B.; Balamurali, M.M.; Chanda, K.	Thiazetidine-Based d-Amino Acid Oxidase Inhibitors: A Synergistic Approach Combining Design, Synthesis, Electronic Profiling, and In Silico Evaluation	ChemistrySelect	10	47			2	10.1002/slct.202506375
3812	Bera, A.; Sarkar, S.; Kothoori, N.P.S.; Samanta, P.K.; Banik, A.; Ghosh, P.; Das, B.	Probing Interaction of Flavonoid Quercetin With Functionalized Graphene: A Detailed Photoluminescence and Theoretical Investigation	ChemistrySelect	10	45			2	10.1002/slct.202506908
3813	Kiruthika, A.; Geetha, R.	Entwined Destinies: Unveiling the Mediating Role of Socio-Cultural and Economic Factors in Amplifying the Boosting Effect of Spousal Support on Women Entrepreneurs? Success in Tamil Nadu	SAGE Open	15	4			2	10.1177/21582440251385876
3814	Christudhas, C.; Fathima A, A.	VLSI Implementation of a Non-linear Noise Filtering Technique Using an Efficient Median Selector Architecture	Circuits, Systems, and Signal Processing					2	10.1007/s00034-025-03424-y

3815	Jadhav, B.N.; Abdul Azeez, E.P.; Mathew, M.	Adverse Childhood Experiences and Self-Perceived Success among Young Indian Adults: Protective Role of Benevolent Childhood Experiences and Mediating Role of Cognitive Adaptation	Journal of Child and Adolescent Trauma					2	10.1007/s40653-025-00797-9
3816	Rani, P.Y.; Lakshminarayana, P.	Darcy-Forchheimer casson nanofluid flow with convective boundaries and entropy generation?a regression analysis	Multiscale and Multidisciplinary Modeling, Experiments and Design	9	1			2	10.1007/s41939-025-01133-2
3817	Somasundaram, S.; Paulraj, S.; Baskaran, B.; Ramamoorthy, A.K.	PCANN: Principal Convolutional Analysis Neural Network for Block Chain based Diabetic Retinopathy Detection	Current Eye Research					2	10.1080/02713683.2025.2584214
3818	Mythatha, E.; Jenicka, S.	A survey on mathematics behind AI models for disease prediction and diagnosis in healthcare	Network Modeling Analysis in Health Informatics and Bioinformatics	14	1			2	10.1007/s13721-025-00671-6
3819	Mahapatra J., Dastidar S.G., Jagankar D., Roy N., Sharma J., Mukherjee A., Maity C., Panda T.K., Mal S.S.	Catalytic Synthesis of Xanthene and Unprecedented Evolution of Naphthopyrans Using Heteropoly Acid-Tantalum(V) Oxide Hybrid Composite as Promoter	ChemistrySelect	10	3			1.9	10.1002/slct.202406059

3820	Rakesh K.E., Antony R., Sadanandan S., Philip A.	Dielectric and Photocatalytic Performance of Heterostructured Nanocomposites of Cobalt and Nickel Oxides Embedded in Zeolite 4A Matrix.	ChemistrySelect	10	2			1.9	10.1002/slct.202404331
3821	Selvaraj D.K.; Venkateshkumar K.; Mahadev R.; Nellanickal R.M.; Thangaraju D.B.K.	Optimization of Welding Parameters in Double-Pulse Metal Inert Gas Welding of 15CDV6 High-Strength Low-Alloy Steel for Fabrication of Critical Rocket Components	Steel Research International					1.9	10.1002/srin.202400782
3822	Hariharan R.; Udhayakumar R.	Approximate Controllability for Sobolev-Type Fuzzy Hilfer Fractional Neutral Integro-Differential Inclusion with Clarke Subdifferential Type	Qualitative Theory of Dynamical Systems	24	1			1.9	10.1007/s12346-024-01214-6
3823	Tamizhselvi S.P.; Muthuswamy V.	Enhancing TCP Variants to Estimate Dynamic Bandwidth in Mobile Cloud	Wireless Personal Communications					1.9	10.1007/s11277-024-11709-9
3824	Maani J.; Dunstan Rajkumar A.; Barik N.	Do public sector banks achieve technical efficiency through mergers and acquisition in India? Insights from DEA, Malmquist and SFA	Journal of Economic Studies					1.9	10.1108/JES-12-2024-0805
3825	Singh A.; Kumar A.; Gupta A.; Dubey B.	Bifurcation and Chaos in a Diffusive Prey-Predator Model Incorporating Fear Effect on Prey and Team Hunting by Predator with Anti-Predation Response Delay	International Journal of Bifurcation and Chaos					1.9	10.1142/S021812742550018X

3826	Swain K.K.; Pradhan S.K.; Late D.J.	MXene-Based Nanomaterials for Pollution Remediation: A Review	ChemistrySelect	10	7			1.9	10.1002/slct.202404885
3827	Shalini Roy S.; Gandhimathi S.N.S.	Self-directed learning for optimizing sustainable language learning via mobile assisted language learning: a systematic review	Frontiers in Education	9				1.9	10.3389/feduc.2024.1463721
3828	Saidani O.; Yousfi A.; Sahoo G.S.	Numerical Investigation of CsSnCI3 Perovskite Solar Cells Utilizing WS2 and CuSbS2 Transport Layers for Enhanced Efficiency beyond 24%	Physica Status Solidi (A) Applications and Materials Science					1.9	10.1002/pssa.202400877
3829	Mohurle S.; Maiti B.	Catalyst-Free Synthesis of Substituted Thiazole-2-Imine Derivatives in a Mortar, and Their Photophysical Study	ChemistrySelect	10	6			1.9	10.1002/slct.202404377
3830	Jeyaraj S.; Mary Saral A.	Synthesis of SnO2 Nanoparticles using Brassica juncea (L.) Czern Seed Extract: Characterization and Biological Applications	ChemistrySelect	10	7			1.9	10.1002/slct.202404490
3831	Velmurugan P.; Ghatak T.	Perimidine-2-chalcogenone Ligand-Supported Palladium(II) Complex: A Potent Catalyst in Suzuki–Miyuara Cross-Coupling Reaction and Nitroarene Reduction	ChemistrySelect	10	7			1.9	10.1002/slct.202405081

3832	Mohamed Haneef M.M.; Nawaz Khan F.	Green-Telescoped Synthesis of Styryl-Substituted Pyrroloquinolines via DES Catalysis: Structural Characterization, AIE, Acidochromism, and Theoretical Studies	ChemistrySelect	10	6			1.9	10.1002/slct.202405708
3833	Jayachandran J.; Vimaladevi K.	A Fuzzy Hybrid Zone Head Selection and Arbitrary Cluster Based Routing Algorithm for Border Surveillance in WSN	Wireless Personal Communications					1.9	10.1007/s11277-025-11746-y
3834	Ragavi M.; Sreenivasulu P.; Poornima T.	Magnetohydrodynamic hybrid nanofluid flow with Cattaneo–Christov heat flux: thermal performance and entropy analysis	Multiscale and Multidisciplinary Modeling, Experiments and Design	8	3			1.9	10.1007/s41939-025-00751-0
3835	S. D.; V. A.; Raj A.N.J.	A review on hardware accelerators for convolutional neural network-based inference engines: Strategies for performance and energy-efficiency enhancement	Microprocessors and Microsystems	113				1.9	10.1016/j.micpro.2025.105146
3836	Vinutha A.S.; Rajasekaran R.	Breaking barriers in peptide therapeutics: hydrocarbon stapling of Temporin-FL peptide for improved bacterial membrane disruption	Molecular Simulation					1.9	10.1080/08927022.2025.2472842
3837	Sathiyamoorthy M.; Gowrisankar G.; Raman C.D.; Kunasekaran K.; Loganathan S.; Ramakrishnan D.	Prediction of drinking and irrigation chemical water quality indices using a multilinear regression approach in Cuddalore district, Tamil Nadu, India	Water Supply	25	2	268	288	1.9	10.2166/ws.2025.006

3838	Mohanavel D.; Thirumalai S.; Rammoorthi R.; Kuppalapalle V.	Couple stress fluid model of a nanoparticle infused blood flow with viscous dissipation, radiation and hydromagnetic effects: application to hemodynamics	Multiscale and Multidisciplinary Modeling, Experiments and Design	8	5			1.9	10.1007/s41939-025-00830-2
3839	Khajuria R.; Sharma P.; Kumar R.; Lamba R.; Raju S.	Efficient parameter extraction for accurate modeling of PEM fuel cell using Ali-Baba and forty thieves algorithm	Multiscale and Multidisciplinary Modeling, Experiments and Design	8	4			1.9	10.1007/s41939-025-00814-2
3840	Chithra V.S.; Palanisami N.	AIE-Active Cyano Substituted Dimethoxy–Phenyl Derivatives for Nonlinear Optics: Spectral, Structural, and DFT Studies	ChemistrySelect	10	10			1.9	10.1002/slct.202405958
3841	Chavan N.D.; Shanmugavel B.; Tamboli Y.; Vijayakumar V.	A Comprehensive Investigation of Diverse Synthetic Methodologies for Constructing Quinoline Frameworks: A Critical Overview	ChemistrySelect	10	10			1.9	10.1002/slct.202500851
3842	Sravanthi C.L.; Chandra Sekhar J.N.; Alluraiah N.C.; Dhanamjayulu C.; Kumar Pujari H.; Khan B.	An Overview of Remaining Useful Life Prediction of Battery Using Deep Learning and Ensemble Learning Algorithms on Data-Dependent Models	International Transactions on Electrical Energy Systems	2025	1			1.9	10.1155/etep/2242749
3843	Sathya P.; Naveen P.; Vajravelu K.	Multiple regression analysis of the Blasius and Sakiadis flow of the power-law nanofluid over a moving thin needle	Pramana - Journal of Physics	99	2			1.9	10.1007/s12043-025-02903-w

3844	Suriya V.; Naveen P.	Sensitivity analysis of magnetized Sutterby nanofluid flow with variable thermal conductivity: an extensive ANOVA-RSM approach	Multiscale and Multidisciplinary Modeling, Experiments and Design	8	5			1.9	10.1007/s41939-025-00854-8
3845	Lakshmanan R.; Rajaram K.	Bovine Bone-Derived Mesoporous Hydroxyapatite as an Inorganic Pigment for Energy-Efficient Radiative Cooling Paints	ChemistrySelect	10	15			1.9	10.1002/slct.202406150
3846	Ceterchi R.; Gheorghe M.; Kuppusamy L.; Subramanian K.G.	Three classes of modified alphabetic flat splicing P systems	Journal of Membrane Computing					1.9	10.1007/s41965-025-00182-3
3847	Mahendrarajan V.; Kodiveri Muthukaliannan G.; Easwaran N.	Quorum quenching mediated virulence factor impairment by Pandanus tectorius leaf extract against Chromobacterium violaceum	Natural Product Research					1.9	10.1080/14786419.2025.2491837
3848	Priyadarshini M.; Kanishka S.; Thamaraiselvi P.; Murugesan S.; Vidhya S.; Nayak S.; Roopan S.M.; Nambi Raj N.A.	Green synthesis of hypericin from Hypericum perforatum (St. John's Wort) for photodynamic Antibacterial treatment against Staphylococcus aureus and Escherichia coli	Natural Product Research					1.9	10.1080/14786419.2025.2491825
3849	Raja B.; Sivakumar A.; Mekata T.; Radhakrishnan V.; Asely A.M.E.; Abdelsalam M.; Raja S.	Probing Pregnane-3,20-Dione, 17,21-[(Methylborylene)Bis(Oxy)]-, (5. Beta)- as an Antiviral Candidate Against White Spot Syndrome Virus (WSSV): Molecular Docking and Simulation Approach	Aquaculture Research	2025	1			1.9	10.1155/are/8855914

3850	Reddy D.S.; Thrimoorthy N.; Kadiravan G.; Pandian M.T.	Chapman Kolmogorov and Deep Recurrent Network Based Seamless Mobility for IOT Data Transmission in Wireless Network	Wireless Personal Communications					1.9	10.1007/s11277-025-11757-9
3851	Fatima R.; Khan Y.; Maqbool M.; Ramalingam P.S.; Khan M.G.; Bisht A.S.; Hussain M.S.	Amyloid-β Clearance with Monoclonal Antibodies: Transforming Alzheimer's Treatment	Current Protein and Peptide Science					1.9	10.2174/0113892037362037250205143911
3852	Suganya M.; Shanmugam N.; SenthilKumar A.; Guganathan L.; Rajarajan M.	The Influence of Molar Ratio of Reactants on the Crystal Structure and Electrochemical Property of NiO Nanocrystals	ChemistrySelect	10	20			1.9	10.1002/slct.202500264
3853	Meena J.; Manikandamoorthy E.; Kumaraguru N.; Veerappa N.S.; Shin P.-K.; Tatsugi J.; Kannappan S.	Organic Biomass Mediated-Cerium Oxide Nanoparticles for Multifunctional Activity: Anticancer MCF-7 Breast Cancer Cells, Antibacterial, Antioxidant, and Dye Degradation	ChemistrySelect	10	20			1.9	10.1002/slct.202500454
3854	Navaneeth A.G.; Karthikeyan S.	An Insilico Investigation of the Binding Interaction Mechanism of Vipoglanstat (GS- 248) with Microsomal Prostaglandin E Synthase-1 (mPGES1) and Bovine Serum Albumin (BSA)	ChemistrySelect	10	16			1.9	10.1002/slct.202405352

3855	Dhanu M.; Perumal I.	Efficient Removal of Uranium From Aqueous Solutions Using Nanocomposite Composed of Activated Graphitic Carbon Nitride Integrated With Tamarind Shell-Structured TiO_2	ChemistrySelect	10	17			1.9	10.1002/slct.202405892
3856	Prasad A.; Thomas J.; Bhatt S.; Ghosh A.; Ranjan S.; Satija J.	Andrographolide Derivative as Therapeutic Lead Against Mutated β-Lactamase Enzyme: An In-Silico Approach to Combat AMR	ChemistrySelect	10	17			1.9	10.1002/slct.202500559
3857	Jeyaraj S.; Saral A M.	Ecofriendly Synthesis of CuO Nanoparticles Using Brassica Juncea (L.) Czern Seed Extract: A Green Approach for Effective Biological Applications	ChemistrySelect	10	17			1.9	10.1002/slct.202501072
3858	Saxena A.K.; Barnwal V.K.; Yazar K.U.; Harshavardhana N.; Mishra S.K.	Dynamic evolution of hard orientations and consequent ductility loss during uniaxial tension of Ti6Al4V alloy	Bulletin of Materials Science	48	2			1.9	10.1007/s12034-025-03425-2
3859	Naveen P.; Tantry M.M.; Sathya P.; Sindhuja S.	Artificial neural network modelling for Casson hybrid nanofluid flow with entropy generation analysis	Multiscale and Multidisciplinary Modeling, Experiments and Design	8	6			1.9	10.1007/s41939-025-00878-0
3860	Animish A.; M. A J.	Evaluation and screening of polyherbal formulation for diabetes management: toxicity assessment on Albino Wistar rats	Natural Product Research					1.9	10.1080/14786419.2025.2506779

3861	Regal A.M.; Dinesh Kumar S.	Numerical approximation for singularly perturbed differential equations exhibiting significant positive shift arising in neuronal activity	Applied Mathematics in Science and Engineering	33	1			1.9	10.1080/27690911.2025.2498414
3862	Chethan M.; Kuppan R.	Grid Synchronization of the VSC-HVDC System Based on Virtual Synchronous Generator Control Strategy	International Transactions on Electrical Energy Systems	2024	1			1.9	10.1155/etep/9933032
3863	Kumar P.H.; Raju G.; Bajaj M.; Alluraiah N.C.; Gopi P.; Pulumithi S.K.; Remabhai R.G.; Gopi R.; Zaitsev I.	Integrated thermal and battery management for electric vehicles: Experimental validation and simulation-based optimization of lithium-ion batteries	Energy Exploration and Exploitation					1.9	10.1177/01445987251337094
3864	Banerjee M.; Rajeswari D., V	Plant-Derived Exosome-Like Nanoparticles from Elettaria cardamomum Inhibit Triple-Negative Breast Cancer Cell Lines	ChemistrySelect	10	23			1.9	10.1002/slct.202404734
3865	Rohith P.S.; Philip A.; Kumar A.R.	Ultrasensitive Enzyme-Free Electrochemical Glucose Sensing Using Iron Oxide–Cellulose Composite Electrodes	ChemistrySelect	10	21			1.9	10.1002/slct.202500200
3866	Harikaran D.; Vijayaraghavan R.	Inorganic Peroxides as Potential Photocatalysts: Degradation of 4-Nitrophenol and Bisphenol A	ChemistrySelect	10	23			1.9	10.1002/slct.202501248

3867	Vedhanayaki S.; Indragandhi V.	Bayesian optimized support vector regression with a Gaussian kernel for accurate prediction of the state of health of lithium-ion batteries used for electric vehicle applications	Global Energy Interconnection					1.9	10.1016/j.gloei.2025.02.003
3868	Bhattacharyya A.; Sridharan N.V.; Sivakumar A.; Vaithiyanathan S.	Detection and diagnosis of air compressor faults using weightless neural networks	Advances in Mechanical Engineering	17	5			1.9	10.1177/16878132251341384
3869	Naz S.; Tamizharasi R.	Time-dependent behavior of Jeffrey fluid flowing over a conductor moving with variable velocity under mixed convection, electric load and induced magnetic fields	Multiscale and Multidisciplinary Modeling, Experiments and Design					1.9	10.1007/s41939-025-00896-y
3870	Whaval S.P.; Tiwari A.K.	A review on the synergistic effect of various surfactants and silica nanoparticles on Pickering emulsion	Journal of Dispersion Science and Technology					1.9	10.1080/01932691.2025.2514160
3871	A., Basak, Achintya; S., Chakraborty, Suprava; A.K., Behura, Aruna Kumar	The impact of tilt angle on bifacial PV performance: a field study on a sand-covered ground surface	Electrical Engineering					1.9	10.1007/s00202-025-03231-3
3872	K.P., Yadav, Krishna Prakash; J., Narayan, Jyotindra; P., Kushwaha, Prabhakar	Learning to balance: reinforcement learning control for single-leg balance of an underactuated biped robot	International Journal of Dynamics and Control	13	7			1.9	10.1007/s40435-025-01782-8

3873	R., Bharath, R.; P.A., Jeeva, P. A.	Effect of Warm Water Aging on Surface Modified Bio-silica and Biochar with Pineapple fiber Reinforced Polyester Composite	Transactions on Electrical and Electronic Materials					1.9	10.1007/s42341-025-00657-1
3874	N.K., Balabadruni Venkata, Naga Koushik; S., D, Saranyaraj; G.S.L., Ganesh Reddy, Gade Sai Laxmi; P., Potturi, Pujeth	Eye gaze-controlled camera navigation for enhanced robotic surgery with potential cognitive load reduction	Current Problems in Surgery	70				1.9	10.1016/j.cpsurg.2025.101846
3875	D., Gohain, Daisy; D., Paul, David	Schizoanalytic pedagogical framework: A rhizomatic approach to teaching languages	MethodsX	15				1.9	10.1016/j.mex.2025.103484
3876	H., Sharma, Himanshi; M.A., Sanjeev, M. A.; T., Arumugam, Thangaraja; A., Ray, Abhishek	Evaluating the relative effect of Instagram and celebrity influencers on brand attitude and purchase intention among Generation-Z: a fashion industry perspective	International Journal of Internet Marketing and Advertising	23	02-Jan	80	97	1.9	10.1504/IJIMA.2025.147547
3877	J.I., Prajapati, Jaykumar Ishvarbhai; D.K., Raja, Das K.	Sliding Window-Based Randomized K-Fold Dynamic ANN for Next-Day Stock Trend Forecasting	Computation	13	6			1.9	10.3390/computation13060141
3878	T., Nivetha, T.; B., Bindu, B.; N.A., Kamsani, Noor Ain	A Review on Resistive RAM: From Material Properties to Switching Characteristics, Reliability, Models and Applications	Transactions on Electrical and Electronic Materials					1.9	10.1007/s42341-025-00647-3

3879	N., Thakur, Nisha; M., Dishri, Madhusmita; A.K., Nath, Amarjit Kaur; R.K., Chahota, Rakesh Kumar; S.A., Antony Ceasar, Stanislaus Antony	Millets as climate-resilient crops: mitigating food and nutrient insecurity	Cereal Research Communications					1.9	10.1007/s42976-025-00680-1
3880	M.S., Hussain, Md Sadique; Y., Khan, Yumna; R., Fatima, Rabab; M., Maqbool, Mudasir; P.S., Ramalingam, Prasanna Srinivasan; M.G., Khan, Mohammad Gayoor; A.S., Bisht, Ajay Singh	Microglial Modulation in Alzheimer's Disease: Central Players in Neuroinflammation and Pathogenesis	Current Alzheimer Research	22	1	56	82	1.9	10.2174/0115672050364292250113063513
3881	K.H., Mir, Kifayat H.; T., Garg, Tarun	Evolution of Non-Volatile to Volatile Memory Behaviour in HfO2/TiO2 Bilayer Thin Film Based RRAM	Physica Status Solidi (A) Applications and Materials Science					1.9	10.1002/pssa.202500181

3882	P.K.K., Chandrashekhar, Pratul Krishna Kollur; V.P., Sathishkumar, Venu Prasad; S., Karthika, Shanmugam; J., Kakkar, Jayyant; K., Sivagami, Krishanasamy; R., Saravanathamizhan, Ramanujam; K., Chinnappan, Karthikeyan	Zero Liquid Discharge for High-Salinity Brines: Integrating CCRO with Thermal Separation for Resource Recovery	Water Conservation Science and Engineering					1.9	10.1007/s41101-025-00420-w
3883	V., Madhan, Veeramani; S., M.s, Sudhakar	Automatic Detection of Sunspots on full-disk continuum images using the MiniMax Optimization and Feature Extraction	Journal of Atmospheric and Solar-Terrestrial Physics					1.9	10.1016/j.jastp.2025.106605
3884	Y., Nandakishora, Y.; N., Khayum, Naseem; J.H., Shaik, Jakeer Hussain; S.P.J., Christydass, S. Prasad Jones	Hybrid solar-membrane cryogenic CO2 separation for coal power plants: An energy and sustainability perspective	Journal of Renewable and Sustainable Energy					1.9	10.1063/5.0272506
3885	A., Janjire, Abhiman; P., Ganapathy, Pranav; Y., Harsha Varati, Yuvan; G., Italiya, Gopal; N., Jk, Nithyashree; S., Subramanian, Sangeetha	Adsorption of perfluoroalkyl substances using chemically synthesized manganese-coated chitosan and activated carbon composite	Journal of Dispersion Science and Technology					1.9	10.1080/01932691.2025.2532536

3886	R., Hariharan, R.; U., Ramalingam, Udhayakumar	Existence of mild solution for fuzzy fractional differential equation utilizing the Hilfer-Katugampola fractional derivative	International Journal of Optimization and Control: Theories and Applications					1.9	10.36922/ijocta.1653
3887	U., Arora, Urvashi; S., Singh, Sachin; V., Vijayakumar, Velusamy; A., Shukla, Anurag	Trajectory controllability of integro-differential system of fractional orders in Hilbert spaces	International Journal of Optimization and Control: Theories and Applications					1.9	10.36922/ijocta.7118
3888	S.P., Jena, Sudip Prasad; E.P., Sabina, Evan Prince	A comprehensive review of artesunate-induced organ toxicity: mechanisms, resistance, biomarkers, and protective strategies	Drug and Chemical Toxicology					1.9	10.1080/01480545.2025.2543422
3889	K., Hemalatha, K.; N., Padmaja, N.	A hybrid pinning control framework for ensuring robust synchronization in complex networks	International Journal of Dynamics and Control					1.9	10.1007/s40435-025-01831-2
3890	R., Murugadoss, R.; A., Augustus Devarajan, A.; T., Vetriselvi, T.; S., Rajanarayanan, Subramanian	Thyroid Cancer Detection Using Py-SpinalNet: A Pyramid and SpinalNet Approach	Cancer Investigation					1.9	10.1080/07357907.2025.2543853
3891	N., Katal, Nitish; S.R., Mahapatro, Soumya Ranjan	Simultaneous synthesis and real-time validation of QFT controllers for MIMO system with time delay	International Journal of Dynamics and Control					1.9	10.1007/s40435-025-01829-w

3892	F., Khan, Fouzia; B.B., Lahiri, Barid Baran; V., Radhakrishnan, Vidya; A., Dasgupta, Arup; A., Kumar, Anish	Induction Heating Efficiency of Water-Dispersible Polyethylene Glycol-Coated Cobalt Ferrite Nanoparticles Prepared Using Microwave-Assisted Coprecipitation Technique	Physica Status Solidi (A) Applications and Materials Science					1.9	10.1002/pssa.202500384
3893	K., D, Kalpanapriya; S., Vemula, Sadanandam	A national survey-based method for monitoring noncommunicable disease risk factors among adolescents aged 15?17 years across India	MethodsX					1.9	10.1016/j.mex.2025.103535
3894	P.S., Sam, Paul Sathiyan; B.P., Chandran, Benin Pratap; A.A., Stonier, Albert Alexander; G., Peter, Geno; V., Arun, Vijayakumar; V., Ganji, Vivekananda	An Extensive Review and Analysis on Performance Improvement of Grid Tied Multilevel Inverter Using Optimisation Techniques	IET Power Electronics					1.9	10.1049/pel2.70098
3895	Jayaker, P.A.; Vino, V.; Subramanian, S.	Discovery of signature peptides through proteomic approach as potential biomarkers for root wilt infection in coconut trees	Phytopathologia Mediterranea	64	2	161	182	1.9	10.36253/phyto-15977
3896	Chandwani, S.; Wadhel, C.; Manoharadas, S.; Naik, H.; Thomas, J.; Anbazhagan, G.K.; Muthu, M.; Amaresan, N.	Efficacy of carbendazim-loaded chitosan nanoformulation against Nigrospora oryzae and Fusarium ciceri in rice and chickpea: In vitro and in vivo evaluations	European Journal of Plant Pathology					1.9	10.1007/s10658-025-03137-7

3897	Das, S.; Ghosh, S.; Biswas, S.; Buragohain, T.; Osborne, W.J.	Endophytic Bacillus stercoris (VITSSSTJ4) an endophyte of Chaetomorpha antennina in the synthesis of lead molecule 1-(4-Acetamidoanilino)-3,7-dimethylbenzo[4,5]imidazo[1,2-a]pyridine-4-carbonitrile against bacterial pathogens	Brazilian Journal of Microbiology					1.9	10.1007/s42770-025-01805-8
3898	Jayavel, J.; Shanmugam, L.	Fixed-time stability of nonlinear systems with time-varying parametric uncertainties under destabilizing impulses	International Journal of Dynamics and Control	13	11			1.9	10.1007/s40435-025-01880-7
3899	Pichandi, K.; Gurunathan, G.	Production of stable cellulase by Halobacillus VITPS2 using orange peels	Preparative Biochemistry and Biotechnology					1.9	10.1080/10826068.2025.2571933

3900	Yeon, J.; Kim, S.; Kong, J.; Park, G.; Hartka, T.; Chernyavskiy, P.; Glass, G.; Ash, J.; Sochor, M.; J A, F.C.A.; Subramanian Kalaimani, P.; Banurekha Devaraj, K.; Davidson, D.; Harinathan, B.; Vedantam, A.; Yoganandan, N.; Bolte IV, J.; Carroll, J.; van Meter, M.; Tesny, A.; Higinbotham, E.; Meng, S.; Kang, Y.-S.; Agnew, A.; Zhao, Y.; Takeda, R.; Mizuno, K.; Wakabayashi, A.; Kawase, M.; Hosokawa, T.; Rooks, T.F.; Chancey, V.C.; Yoganandan, N.; Hungund, A.P.; Pearlman, J.; Lenneman, J.K.; Pradhan, A.K.; Saadat, S.; Lotfipour, S.; Chakravarthy, B.; Nazif-Muñoz, J.I.; Batomen	Protective effect of helmet use on mortality in bicycle crashes: A matched case-control study	Traffic Injury Prevention	25	sup1	S217	S256	1.9	10.1080/15389588.2024.2415263
3901	Narenshakthi, T.; Dharani, S.	Truncated predictive control for delayed networked control systems under dual attacks	International Journal of Dynamics and Control	13	11			1.9	10.1007/s40435-025-01882-5
3902	Sundaresan, I.; Palanisamy, N.; Saraswathy, R.	Smoking and the risk of prostate cancer: a review of risk and disease progression	Genes and Environment	47	1			1.9	10.1186/s41021-025-00338-8

3903	Benjamin, I.; Sriram, S.R.; Bindu, B.	A review of dynamic effects, reliability and mitigation techniques of AlGaN/GaN HEMTs	Microelectronics Reliability	175				1.9	10.1016/j.microrel.2025.115935
3904	Bansal, K.; Mukhija, P.	Securing nonlinear networked Systems with model-based event-triggered control	Transactions of the Institute of Measurement and Control					1.9	10.1177/01423312251380885
3905	Rani Balasubramaniam, S.; Gnanasekaran, D.; Sargunan, I.; Palanivel, B.V.; Gopalsamy Venkadakrishnan, S.; Prasad, V.	Deep Residual Xception Network-Based Lung Cancer Detection Using CT Images	Cancer Investigation					1.9	10.1080/07357907.2025.2580957
3906	Vincent, A.N.; Sankaran, K.; Sunhaloo, M.S.; Clement, J.C.; Laloo, N.; Bagurubumwe, U.	Comparative analysis of RNN, LSTM and CNN algorithms for marine data prediction	Journal of Coastal Conservation	29	6			1.9	10.1007/s11852-025-01161-7
3907	Saravanan, V.; Rajivganthi, R.	Analyzing the dynamics of pneumonia vaccination in India (2010?2021)	International Journal of Dynamics and Control	13	12			1.9	10.1007/s40435-025-01928-8
3908	Natarajan, M.; Balasubramanian, A.; Manoharan, M.	Investigation of the microstructure, residual stresses, and mechanical behavior of Inconel 59 and AISI 904L fusion joint using single pulse GMAW with post-weld cryogenic treatment	Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture					1.9	10.1177/09544054251383802

3909	Vijay, J.; Vaishnavi, S.; Prabhakar, V.	Enhancing wave parameters prediction: machine learning models combined with PCHIP	Ocean Dynamics	75	12			1.9	10.1007/s10236-025-01748-6
3910	Chinnasamy, M.P.; Rathanasamy, R.; Kumar, S.R.; Palaniappan, S.K.	I-Kaz methodology for predicting tool life of AlCrN Coated WC Co inserts in the machining of AISI 304 steel	MethodsX	15				1.9	10.1016/j.mex.2025.103706
3911	Koteshwaramma, K.; Bonthu, S.; R, M.; Ch, V.R.; Bhaskaran, P.K.; N, T.R.; Singh, K.S.	Assessment of vulnerable villages on the landfall regions of intense cyclonic storms along the East Coast of India using an integrated storm surge modelling system - a case study for Cyclone Phailin	Ocean Dynamics	75	12			1.9	10.1007/s10236-025-01753-9
3912	Sasikumar, R.; Vijayakumar, V.	Higher-order caputo fractional neutral stochastic differential control systems under damping effects	International Journal of Dynamics and Control	14	1			1.9	10.1007/s40435-025-01968-0
3913	Saravanan, R.; Balasubramanian, V.; B, S.S.S.; J.K.; N.; Pitani, R.S.; Vittalraj, P.; Dev, B.; Sundaram, S.; Shanmugasundaram, G.; Rayala, S.K.; Ganesh, G.	Expression of Transmembrane Glycoprotein TROP2 in Triple-Negative Breast Cancer and It?s Potential as a Molecular Classifier for Targeted Therapy	Cancer Investigation					1.9	10.1080/07357907.2025.2595303
3914	Raveendran, N.; K, V.; M, V.	Computational modeling for strength prediction of nano silica-metakaolin blended concrete: a hybrid response surface methodology-machine learning approach	Engineering Computations			1	34	1.9	10.1108/EC-05-2025-0441

3915	Aravindhan R., Hu J., Momeen M.U.	Tuning of electronic, optical and lipophilic behaviours of adamantane through various substitutions	Materials Research Express	12	1			1.8	10.1088/2053-1591/ada5ba
3916	Settu N., Kesavan G.K.	Evaluation of microstructure, crystallographic texture, crystal orientation, grain boundary characteristics, and mechanical characteristics of dissimilar joints of ASTM A240 and alloy 625 in different welding techniques for high temperature applications	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science					1.8	10.1177/09544062241311489
3917	Durga Prasad K., Prasad B.S.R.V., De K.	Importance of pesticide and additional food in pest-predator system: a theoretical study*	Journal of Biological Dynamics	19	1			1.8	10.1080/17513758.2024.2444263
3918	Uma Sathyakam P.; Mallick P.S.; Zhao W.-S.; Jain V.; Barpanda A.	Perspective—Prospects and Challenges of Cu-CNT Composite Interconnects	ECS Journal of Solid State Science and Technology	13	12			1.8	10.1149/2162-8777/ada183
3919	Siva K.; Visuvasam J.; Srikanth D.	Review of Cold-Formed Steel Z-Section Beams: Design Approaches and Performance Analysis	Structural Design of Tall and Special Buildings	34	2			1.8	10.1002/tal.2212
3920	Dharmalingam B.; Sankaran S.; Rajagopal D.	Vortex shedding control by a rotating control cylinder located near the flow separation region	Journal of the Brazilian Society of Mechanical Sciences and Engineering	47	2			1.8	10.1007/s40430-025-05406-2

3921	Sindhu R.; Arunachalam V.	Design of an Approximate Radix-2 FFT Butterfly Unit for LSTM-Speech signal-based Parkinson's Disease Classifier	Circuits, Systems, and Signal Processing					1.8	10.1007/s00034-025-03011-1
3922	Reddy M.V.; Meenakumari R.; Ajithkumar M.; Sucharitha G.; Lakshminarayana P.; Nath J.M.	Modeling and simulation of entropy optimization in Darcy-Forchheimer °ow of magneto-Ree-Eyring nano°uid with suction/injection and motile microorganisms	Modern Physics Letters B					1.8	10.1142/S0217984925501271
3923	Arockiaraj M.; Godlin J.J.J.; Radha S.	Comparative study of degree and neighborhood degree sum-based topological indices for predicting physicochemical properties of skin cancer drug structures	Modern Physics Letters B					1.8	10.1142/S0217984925501064
3924	Srikanth P.; Arunkumar G.	Analysis, Design, and Hardware Implementation of a Novel Isolated DC-DC Converter for Medium-Power Electric Vehicle Battery Charging	International Journal of Circuit Theory and Applications					1.8	10.1002/cta.4477
3925	Kishore S.; Arun Kumar A.	Real-time monitoring and prediction of compressive strength of mortar and concrete	Materials Research Express	12	2			1.8	10.1088/2053-1591/adb0a5

3926	Ponnusamy B.; Shukla K.	Experimental investigation of organic and sintered brake pads for performance and environmental resilience	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science					1.8	10.1177/09544062251320515
3927	Kanna P.R.; Sivakumar Y.; Prasad G.V.D.; Taler D.; Sobota T.; Taler J.	Numerical Investigation of Flow and Heat Transfer from Twin Circular Cylinders Present in Double Forward-Facing Step	Fluids	10	2			1.8	10.3390/fluids10020048
3928	Paul D.; Arockiaraj M.; Emilet D.A.; Greeni A.B.; Kalaam A.R.A.	Molecular descriptor-based QSPR analysis of physicochemical properties in neuromuscular drugs	Modern Physics Letters B					1.8	10.1142/S0217984925501556
3929	Venkateswarlu B.; Satya Narayana P.V.; Joo S.W.; Metwally A.S.M.	Numerical Simulation of Melting Heat Transfer in Magnetohydrodynamic Fluid Flow over Moving Surfaces: Role of Diffusion and Chemical Reactions	Chemical Engineering and Technology					1.8	10.1002/ceat.12007
3930	Mukherjea N.; Ranjan R.; Li W.(.; Darar S.; Makmur S.; Basak R.; Mukherjee R.; Chadha U.; Selvaraj S.K.; Bhardwaj P.	Current Progress in Black Phosphorus Nanomaterials: Exploring Electrochemical, Biomedical, and Biosensor Applications	ECS Journal of Solid State Science and Technology	14	3			1.8	10.1149/2162-8777/adad98
3931	Berin Greeni A.; Arockiaraj M.; Gajavalli S.; Aziz T.; Alharbi M.	Structural analysis of anti-cancer drug compounds using distance-based molecular descriptors and regression models	The European physical journal. E, Soft matter	48	05-Apr	17		1.8	10.1140/epje/s10189-025-00481-8

3932	Senthil Pandian M.; Nivethika S.D.; Idhikash J.; Yashwanth V.N.; Shaji A.; Paulraj P.	Cancer Diagnosis Optimization With a Combination of Flexible THz Antennas and Machine Learning	Engineering Reports	7	4			1.8	10.1002/eng2.70120
3933	Nawaz I.S.S.; Asokan M.A.	Numerical and experimental analysis on titanium aluminide and yttria stabilized zirconia coated pistion on gulmohar biodiesel/diesel blend: An RSM approach	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science					1.8	10.1177/09544062251333992
3934	Ananth P.; Kothandaraman M.; Ishwarya V.S.	Multi-Channel Audio Enhancement using Dual-Stream Encoders with Attention Mechanisms and Spatial Discrimination GAN	Circuits, Systems, and Signal Processing					1.8	10.1007/s00034-025-03073-1
3935	Paranthaman P.; Karuppasamy R.; Veerappapillai S.	Drug repurposing through Biophysical Insights: Focus on Indoleamine 2,3-Dioxygenase and Tryptophan 2,3-Dioxygenase Dual Inhibitors	Cell Biochemistry and Biophysics					1.8	10.1007/s12013-025-01725-2
3936	Udaya R.R.; Sachin K.S.; Gopakumar A.B.; Koshy J.T.; Sangeetha D.	Synthesis of naringenin schiff base loaded CMC/PVA scaffold as biodegradable wound care materials	Materials Research Express	11	12			1.8	10.1088/2053-1591/ad9815
3937	Venkatraman S.K.; Vijayakumar N.; Swamiappan S.	Investigation of sol–gel combustion derived akermanite and merwinite for its physicochemical and biomechanical properties	Journal of the Australian Ceramic Society					1.8	10.1007/s41779-025-01209-9

3938	Ramakrishnan K.; Rajan R.; Nachimuthu L.; Jayaraj P.; Narasimhulu C.A.; Deme P.; Rajagopalan S.; Sivaramakrishna A.; Karthikeyan S.; Desikan R.	Development of Novel α-Amylase Inhibitors: Synthesis, Molecular Docking, and Biochemical Studies	Cell Biochemistry and Biophysics					1.8	10.1007/s12013-025-01759-6
3939	Pushparaj P.; Kushwaha B.P.; Prashar S.	A systematic literature review of virtual influencers in marketing using bibliometric analysis	International Review on Public and Nonprofit Marketing					1.8	10.1007/s12208-025-00441-0
3940	Chandanwala A.A.; Bhowmik S.; Chaudhury P.; Rajasekaran U.; Nesam J.J.J.; Kothandaraman M.	Water Pipeline Leakage Recognition and Localization Using Machine Learning and Deep Learning Techniques	Journal of Pipeline Systems Engineering and Practice	16	3			1.8	10.1061/JPSEA2.PSENG-1815
3941	Rajapriya R.; Dangate M.S.	Novel Benzoate Ester Acceptor Based Molecules Synthesis, Optical Properties and DFT-TDDFT Computational Study	ECS Journal of Solid State Science and Technology	14	4			1.8	10.1149/2162-8777/adc6b9
3942	Seshasai K.; Sathyakam P.U.; Mummaneni K.	Optimization of triangular CNT interconnects for integrated circuits	MRS Communications					1.8	10.1557/s43579-025-00722-z
3943	Kiran Prabha M.; Vishnu Vardhan K.; Santhi A.S.; Mohan Ganesh G.	Advancements in Self-Compacting Concrete Reinforced With Basalt Fiber: A Comprehensive Review	Engineering Reports	7	5			1.8	10.1002/eng2.70147

3944	Padhan S.; Mishra S.; Sahu S.K.; Das A.; Das S.R.; Mohapatra S.	Enhancing machining performance and sustainability: a comprehensive review of minimum quantity lubrication	Journal of the Brazilian Society of Mechanical Sciences and Engineering	47	7			1.8	10.1007/s40430-025-05626-6
3945	B V A.; Perumal I.	A Comprehensive Review of Adsorption, Solvent Extraction, and Ion Exchange Processes for Efficient Extraction of Palladium from High-Level Liquid Waste	Solvent Extraction and Ion Exchange					1.8	10.1080/07366299.2025.2506426
3946	Kavitha K.C.; Jagatheswari S.; Dhivviyanandam I.; Prashitha J.R.	Topological Properties and Computation of Neural Networks Using Cover Pebbling Number Technique with an Algorithmic Approach	Circuits, Systems, and Signal Processing					1.8	10.1007/s00034-025-03201-x
3947	Joshi T.; Priyamvada P.; Mathpal S.; Sriram S.; Madaan S.; Ramaiah S.; Anbarasu A.	In-silico evaluation of Azadirachta indica-derived Daucosterol against key viral proteins of Ebolavirus using ML and MD simulations approach	Journal of Biological Physics	51	1			1.8	10.1007/s10867-025-09683-9
3948	Mulik R.V.; Porpatham E.; Arumugam S.K.	Development of mathematical plant model and implementation of fuzzy logic controller for improved performance of hydrogen fuel cell electric vehicle	Journal of the Brazilian Society of Mechanical Sciences and Engineering	47	7			1.8	10.1007/s40430-025-05656-0

3949	Bhargavi N.; T P.	Investigating thermal radiation on thin films of Casson Cu-Ni-Al2O3/water nanofluids for enhanced solar thermal performance	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science					1.8	10.1177/09544062251335545
3950	Balachandran K.P.; Bhuvaneswari M.	Perceived Social Support Among Parents and Exploration of Challenges Faced by Single Mothers of Children with Neurodevelopmental Disorders—A Mixed Method Study	Annals of Neurosciences					1.8	10.1177/09727531251327832
3951	Pain R.; Bandyopadhyay A.; Dalui S.; Sardar S.	Effect of Combined Kappa-Cairns distributed electrons on ion-acoustic solitary structures in electron-ion dusty plasma	Zeitschrift fur Naturforschung - Section A Journal of Physical Sciences					1.8	10.1515/zna-2024-0275
3952	M.K., Kirubakaran, M. K.; S., Reddy P, Santosh; A., Mamatha, A.; J., Vellingiri, J.	Enhanced VANET Communication: Fractional Order Water Flow Optimization and Secure Communication via Spatial Bayesian Neural Network	International Journal of Communication Systems	38	12			1.8	10.1002/dac.70147
3953	A., Das, Anukampa; N., Barik, Nirakar; M., Deo, Malabika; V.L., Selvamani, V. Lourden	Post-M&A Efficiency in Indian Banking Sector: Insights From Data Envelopment Analysis	Journal of Public Affairs	25	3			1.8	10.1002/pa.70062

3954	M., Sarojini, M.; K.M.K., Uma Mahendra Kumar, Koppolu Mahendra Kumar	Optical Behavior of Indirect Bandgap Half-Heuslers Compounds CuTiGa and ZnScGa: A First-Principles Study	Physica Status Solidi (B): Basic Research					1.8	10.1002/pssb.202500222
3955	P., Karishma, P.; S.R., Meher, Samir Ranjan	First Principles Study on Structural, Electronic, Optical and Mechanical Properties of Cu2BaSnS4 for Photovoltaic Applications	Physica Status Solidi (B): Basic Research					1.8	10.1002/pssb.202500242
3956	J., Khatri, Julie; A.K., Prasad, Ashish Kumar	E-LU-optimal solution for nonsmooth semi-infinite interval-valued problems	OPSEARCH					1.8	10.1007/s12597-025-00971-5
3957	O., Kulandhainadar Mariavalavan, Ordenshiya; R., Govindasamy Krishnamoorthy, Revathi	Enhanced Air Quality Index Prediction Using Fuzzy Center Merge Labeling Graph Based Fuzzy Inference System Model	Cybernetics and Systems					1.8	10.1080/01969722.2025.2522873
3958	K., Geetha, K.; R., Manigandan, R.; J.N.V., Raghuram Naga Venkata, J. Naga Venkata; P., Venugopal, Pulidindi	Millet Marvels: unravelling the nexus between social media influence, expectation confirmation, and customer purchase intentions for millet products in the digital age	International Journal of Sustainable Agricultural Management and Informatics	11	3	362	383	1.8	10.1504/IJSAMI.2025.147257
3959	B., Ponnusamy, Baskar; A., Bhowmick, Abhijit; Y.K., Choukiker, Yogesh Kumar	Performance of a Reconfigurable Intelligent Surface-Assisted D2D Communication Network Using NOMA: An Overlay Scenario	International Journal of Communication Systems					1.8	10.1002/dac.70202

3960	A., Jha, Abhinav; A., Tewari, Anubhuti; M., Garg, Mansi; S.B., Thomas, Shweta B.; R.R., Das, Rashmi Ranjan; D.R., Sona, Deepika Rani	Optimizing 5G Sustainable Networks Performance in Urban Areas Using Machine Learning Techniques	International Journal of Communication Systems					1.8	10.1002/dac.70226
3961	R., Manoharan, Rajalakshmi; R., Rani, Reenu; A., Moussaoui, Ali	Dynamics of a Predator-Prey System With Fear Effect and Prey-Dependent Predator Migrations in a Two-Patch System	Mathematical Methods in the Applied Sciences					1.8	10.1002/mma.11225
3962	P., Sujitha, P.; P., Konar, Pulak; N., Nathiya, Narayanaraju	A New Iterative Scheme for Optimal Convergence in Equilibrium Problems	Mathematical Methods in the Applied Sciences					1.8	10.1002/mma.11231
3963	V.V., Revankar, Vinit Vinod; M.S., Jagadeesh Kumar, M. S.	Study of Heat Transport in Darcy-B?nard Convection With Feedback Control and g-Jitter	ASME Journal of Heat and Mass Transfer					1.8	10.1115/1.4069123
3964	M.M., Kurbanova, Malahat Musrat; S.A., Siddique, Sabir Ali; M.A., Ashfaq, Muhammad Awais; S., Karthikeyan, Subramani; A.Z., Sadigova, Arzu Zabit; A.M., Maharramov, Abel Mammadali; S.N., Mali, Suraj N.; H.A., Abuelizz, Hatem A.; R.A., Al-Salahi, Rashad A.; Y., El Bakri, Youness	DFT Study, Molecular Docking, and Dynamics Simulation of Hydrazone-Based Compound	Physics of the Solid State					1.8	10.1134/S106378342560102X

3965	M.S.H.F., Afridha, Mohamed Sulthan Hasan Fathima; S.M., Roopan, S. M.	FeVO4 based nanocomposites: Versatile heterogeneous catalysts for organic transformations	Synthetic Communications					1.8	10.1080/00397911.2025.2546605
3966	N., Gnanam, Nisha; J., Kamaraj, Jamuna	Optimized control of a multi-source hybrid standalone microgrid for reliable power delivery	Wind Engineering					1.8	10.1177/0309524X251367595
3967	D.R., Sona, Deepika Rani; M.L., Moses, M. Leeban; M.R., Raja, M. Ramkumar; T., Perarasi, T.	Optimized Federated Learning and Blockchain-Based Crowd Sensing for Secure 5G Vehicular Networks	International Journal of Communication Systems					1.8	10.1002/dac.70212
3968	R., Anil Kumar, R.; V., Rajpoot, Vivek	Optimizing MIMO-GFDM for 5G and Beyond: A Joint Approach With Subcarrier Index Modulation and Constellation Precoding	International Journal of Communication Systems					1.8	10.1002/dac.70236
3969	M., Islam, Mobasserul; M., Rijesh, M.; M., Rahaman, Mostafizur	Role of reduced graphene oxide (RGO) on ethylene methyl acrylate (EMA) copolymer-based nanocomposites for improving electromagnetic interference (EMI) shielding	Fullerenes Nanotubes and Carbon Nanostructures					1.8	10.1080/1536383X.2025.2547889
3970	Nageshwari, S.; Durga, N.	Control properties of neural activity in brain networks with multiple outlets: modelling via stochastic neutral FitzHugh?Nagumo inclusion	Journal of Control and Decision					1.8	10.1080/23307706.2025.2538636
3971	Nath, S.; Devi, S.; Laskar, N.M.; Guha, K.; Baishnab, K.L.	Design of a noise efficient bio-amplifier using CCFVF OTA for neurological signal acquisition	Microsystem Technologies					1.8	10.1007/s00542-025-05932-y

3972	S.S.; Muthusamy, C.; Calle, H.	Dynamic response of fibrillar adhesive floating breakwater near a porous structure and Gaussian oscillatory seabed with added mass and damping effects	AIMS Mathematics	10	10	23715	23737	1.8	10.3934/math.20251054
3973	Pradeesh, M.; Rihan, F.A.; Mani, M.	Optimal Control Design for a HIV-1 Model With Time Delay and Functional Responses	Mathematical Methods in the Applied Sciences					1.8	10.1002/mma.70109
3974	Ranjith, R.; Chandra Sekar, A.	Optimizing Multi-Cloud Data Access: A Fuzzy-Logic-Based Approach to Adaptive Routing and Load Balancing	Cybernetics and Systems					1.8	10.1080/01969722.2025.2556739
3975	Saravanan, V.; Balakrishnan, G.P.; Rajivganthi, R.	Spatio-temporal dynamics of mosquito populations under predation	Advances in Continuous and Discrete Models	2025	1			1.8	10.1186/s13662-025-03997-7
3976	Nithiyanandham, E.K.; Srutha Keerthi, B.	Third Hankel determinant for a subclass of convex functions associated with a domain bounded by an epicycloid	Journal of Inequalities and Applications	2025	1			1.8	10.1186/s13660-025-03350-2
3977	Annadurai, A.; Jothimani, K.	Existence and Uniqueness Results for Hilfer Fractional Stochastic Differential Equation With Nondense Domain	Mathematical Methods in the Applied Sciences					1.8	10.1002/mma.70291
3978	Polisetty, A.; Chakraborty, D.; Sowmya, G.; Khorana, S.; Islam, N.	Unlocking the Potential for Smart Technology Adoption: Leveraging Mental Health Apps for Improved Well-Being	Systems Research and Behavioral Science					1.8	10.1002/sres.3210

3979	Giri, M.K.; Alabkary, N.; Kondooru, R.; Mondal, S.R.	Geometric analysis of integral operators related to Touchard polynomials and generalized Bessel functions	AIMS Mathematics	10	12	28753	28784	1.8	10.3934/math.20251265
3980	Gopal, D.; Mart?nez-Moreno, J.; Konar, P.; Bhandari, S.K.	New optimal result using (? - ?)-proximal contraction in Menger PM-space and an application to integral equation	Optimization					1.8	10.1080/02331934.2025.2524824
3981	Das, A.; Stany, B.; Mishra, S.; Italiya, G.; Nithyashree, J.K.; Subramanian, S.; Renganathan, S.	Physical, chemical, and biological techniques for the removal of emerging contaminant PFAS: a comprehensive study	Water Practice and Technology	20	11	2202	2224	1.8	10.2166/wpt.2025.152
3982	Uthayakumar G., Mathivanan P., Kuppan P., Naidu G.	Real-Time Communication System Using Canonical Cortical Graph Neural Network With High-Level Target Navigation Pigeon-Inspired Optimization	International Journal of Communication Systems	38	3			1.7	10.1002/dac.6065
3983	Manimaran J., Shangerganesh L., Hariharan S., Basuodan R.M., Hendy A.S., Zaky M.A.	On the effectiveness and precision of BDF2-discontinuous Galerkin scheme for nonlinear nonlocal reaction–diffusion models	Zeitschrift fur Angewandte Mathematik und Physik	76	1			1.7	10.1007/s00033-024-02386-6
3984	Palanisamy S., Karunanithi S., Periyasamy B., Samidurai S., Salau A.	Hybrid CNN-GNN Framework for Enhanced Optimization and Performance Analysis of Frequency-Selective Surface Antennas	International Journal of Communication Systems	38	3			1.7	10.1002/dac.6105

3985	Krishnachaitanya D., Annamalai C., Al-Greer M., Biswas S.S.	A novel reliability estimation methodology towards the design and implementation of symmetric multilevel inverter for long run applications	IET Power Electronics	18	1			1.7	10.1049/pel2.12843
3986	Vidhyaranyan F., K V., I J., Shunmugavel K., S M.	Structural and electrochemical properties of NH4SCN-doped almond gum biopolymer electrolytes	International Journal of Polymer Analysis and Characterization					1.7	10.1080/1023666X.2024.2446596
3987	Padmashrija A.J.C., Kannadasan S., Shanmugam P.	Synthesis of Indenoquinoxalinone-5-(furano, pyrano, and oxepino)spiro Ethers from Alkenylated Propargyl Ethers of Indenoquinoxalinone via Ring-Closing Enyne Metathesis	Synlett					1.7	10.1055/a-2489-7403
3988	Clinton Wilson B.V., Mohan Varma D.S.	Preliminary testing of a mechanism-based gait training device with able-bodied individuals	Journal of Enabling Technologies					1.7	10.1108/JET-07-2024-0045
3989	Sivaraman A.; Kannuchamy T.; Anand A.; Dheer S.; Mishra D.; Prasanth N.; Raja S.P.	A Parallel Approach to Generate Sports Highlights from Match Videos Using Artificial Intelligence	Advances in Distributed Computing and Artificial Intelligence Journal	13				1.7	10.14201/adcaij.31615

3990	Rajakumar P.; Kumar S.M.; Karunanithi K.; Prakash S.V.J.; Baburao P.; Raja S.P.	Optimal Positioning and Sizing of Distributed Energy Sources in Distribution System Using Hunter-Prey Optimizer Algorithm	Advances in Distributed Computing and Artificial Intelligence Journal	13				1.7	10.14201/adcaij.31639
3991	Trisha Reddy D.; Nandigam H.; Indla S.C.; Raja S.P.	Federated Learning in Data Privacy and Security	Advances in Distributed Computing and Artificial Intelligence Journal	13				1.7	10.14201/adcaij.31647
3992	Praveen Kumar B.; Tamilarasi K.; Thilagavathy A.	Metaheuristic-assisted deep learning model for fake news detection	Journal of Experimental and Theoretical Artificial Intelligence					1.7	10.1080/0952813X.2024.2440665
3993	Praveen Kumar R., Ramesh Kumar S., Mohanraj K., Anbarasan P.	Ginger cultivation in India: impact of climate change and sustainability strategies–a potential review	Cogent Food and Agriculture	11	1			1.7	10.1080/23311932.2024.2446653
3994	Sandeep. Y.; Venugopal. P.	A Swarm Intelligent–Based Cluster Optimization in Vehicular Ad Hoc Networks for ITS	International Journal of Communication Systems	38	4			1.7	10.1002/dac.70016
3995	Krishna Kumar B.; Sankar R.; Navaneetha Krishnan R.; Rukmani R.; Balaji S.	Algorithmic Analysis of Cognitive Multichannel Retrial Network System With Finite-Source Primary Users and Admission Control for Secondary Users	International Journal of Communication Systems	38	5			1.7	10.1002/dac.70006

3996	M A.L.; R R.	Comprehensive analysis of prefrontal cortex-directional rhythms categorization for rehabilitation	Computer Methods in Biomechanics and Biomedical Engineering					1.7	10.1080/10255842.2025.2467460
3997	Katal N.; Garg H.; Sharma B.	A comparative analysis of CNNs and LSTMs for ECG-based diagnosis of arrythmia and congestive heart failure	Computer Methods in Biomechanics and Biomedical Engineering					1.7	10.1080/10255842.2025.2456487
3998	Mohamed Jasim K.; Malathi A.; Bhardwaj S.; Aw E.C.-X.	A systematic review of AI-based chatbot usages in healthcare services	Journal of Health Organization and Management					1.7	10.1108/JHOM-12-2023-0376
3999	Swamynathan C.; John Deva Prasanna D. S.; Anusha K.	Design and Implementation of Heterogeneous Route Selection Algorithm for Delay Minimization in VANET	International Journal of Communication Systems	38	6			1.7	10.1002/dac.70032
4000	Doddamani V.C.; Rakaraddi P.; Ray A.; Rai R.; Khandelwal M.	Geotechnical Challenges in Slope Stability: Experimental Investigation of Coconut Fiber Reinforcement Under Seismic Loading	Iranian Journal of Science and Technology - Transactions of Civil Engineering					1.7	10.1007/s40996-025-01759-9
4001	Salaimanimagudam M.P.; Jayaprakash J.; Anwar M.P.	Selection of Reinforcement Incorporation Method for 3D Printed Concrete using MCDM	Iranian Journal of Science and Technology - Transactions of Civil Engineering					1.7	10.1007/s40996-025-01766-w

4002	Gupta A.; Jeya Mala D.; Yadav V.K.; Arora M.	Dissecting Retinal Disease: A Multi-Modal Deep Learning Approach with Explainable AI for Disease Classification across Various Classes	International Journal of Online and Biomedical Engineering	21	2	38	51	1.7	10.3991/ijoe.v21i02.51409
4003	Das P.; Dwivedi R.; Stanislaus R.; Kumar A.	A CPW-Fed High-Gain Broadband Textile Antenna for Fall Detection	International Journal of Communication Systems	38	7			1.7	10.1002/dac.70061
4004	Kaviarasan R.; Ilavendhan A.; Rajakumar R.; Hu Y.-C.; Lo C.-C.	Improved Grasshopper Optimization With Distance Vector Hop Relay Model for Effective NLOS Localization in VANETs	International Journal of Communication Systems	38	7			1.7	10.1002/dac.70063
4005	Talamarlla D.; Maiti B.	Bronsted Acid Ionic-Liquid-Catalyzed Facile One-Pot Synthesis of 1-[(1,3-Benzothiazol-2-ylamino)methyl]-2-naphthols in a Green Medium	Synlett					1.7	10.1055/s-0043-1775452
4006	Sylvia J.; Ghosh S.	Numerical study of a chemical clock reaction framework utilizing the Haar wavelet approach	Journal of Mathematical Chemistry					1.7	10.1007/s10910-025-01719-8
4007	Vijayalakshmi S.; Bose S.; Logeswari G.; Maheswaran N.	Smart parking: intelligent intrusion detection system in VANET enabled car parking system	Automatika	66	2	281	299	1.7	10.1080/00051144.2025.2476802
4008	Rajeshwar S.; Thaplyal S.; Anbarasi M.; Siva Shanmugam G.	Diabetic Retinopathy Detection Using DL-Based Feature Extraction and a Hybrid Attention-Based Stacking Ensemble	Advances in Public Health	2025	1			1.7	10.1155/adph/8863096

4009	Safiullah S.N.; De P.	Thermal radiation, heat generation/absorption effect on bioconvective Sisko nanofluids over Darcy Forchheimer porous medium with regression analysis	Numerical Heat Transfer, Part B: Fundamentals					1.7	10.1080/10407790.2024.2390099
4010	Jebitha D.A.; Kannan M.R.; Karthiyaini S.	A Systematic Review on Formwork Pressure Exerted by Self-Compacting Concrete: Parameters, Prediction Models, and Advances in Monitoring Technologies	Iranian Journal of Science and Technology - Transactions of Civil Engineering					1.7	10.1007/s40996-025-01748-y
4011	Rajesh K.; Vetrivelan P.	Comprehensive analysis on 5G and 6G wireless network security and privacy	Telecommunication Systems	88	2			1.7	10.1007/s11235-025-01282-2
4012	Sinha S.; Murmu B.; Roy A.K.; Balgote P.J.; Sivaraman J.	Targeting SufC ATPase in Staphylococcus aureus AR465: Insights from an in silico and molecular docking approach	Journal of Microbiological Methods	232-234				1.7	10.1016/j.mimet.2025.107134
4013	Das R.; Kumar Das T.; Kumar Yadav A.	Design and Analysis of Gain-Enhanced ZIM Superstrate-Based Antenna for RFID Reader Applications	International Journal of Communication Systems	38	7			1.7	10.1002/dac.70025
4014	Bose B.; Kumar S.S.	Quantifying the impact of recent disease outbreak of zoonotic nature in small-scale dairy farmers in Wayanad, Kerala, India	Tropical Animal Health and Production	57	3			1.7	10.1007/s11250-025-04419-2
4015	Gayathri Devi S.; Siva Harish R.V.; Nalini N.; Prasad K.D.V.; Nagarajan N.	Advancing human activity recognition with quaternion-based recurrent neural networks	Automatika	66	3	411	430	1.7	10.1080/00051144.2025.2480419

4016	Naveen S.; Venkatachalam K.; Parthiban V.	Analysis of variable-order derivative with Mittag–Leffler kernel and integral boundary conditions for RLC circuit system	International Journal of Computer Mathematics					1.7	10.1080/00207160.2025.2486409
4017	Thirumalai S.; Yüzbaşı Ş.; Seshadri R.	A numerical investigation of fractional measles epidemic model using Chebyshev spectral collocation method	Computer Methods in Biomechanics and Biomedical Engineering					1.7	10.1080/10255842.2025.2485374
4018	Vijay J.S.; Santiago R.; Azeem M.; Augustine T.; Husin M.N.	Quantitative Structure-Property Relationship (QSPR) Modeling of Central Nervous System (CNS) Drug Activity using Molecular Descriptors	Current Organic Synthesis					1.7	10.2174/0115701794349717241024100059
4019	Duggirala S.; Balasubramanian V.; Seetharaman A.; Murugan S.; Roy J.; Hassan S.; Devi Rajeswari V.; Venkatraman G.; Rayala S.K.	Transcriptome Analysis of Human Pancreatic Stellate Cells Co-cultured With PAK1-Modulated Cells Revealed the Role of Cytokine Pathway in Tumor Microenvironment	Pancreas	54	5	e414	e422	1.7	10.1097/MPA.0000000000002450
4020	Evelyn E.I.; Christopher Clement J.	Smart contract based attack detection in cognitive radio network	Journal of Intelligent and Fuzzy Systems	48	4	585	596	1.7	10.3233/JIFS-243137
4021	Nair M.; Ratheesh R.	An Enhanced Variable Delay Supported Path Loss Model for Underwater Acoustic Sensor Network	International Journal of Communication Systems	38	10			1.7	10.1002/dac.70119
4022	Mohammed Ali S.; Kumar Sahu H.; Sekhar Singh S.	Analysis of Dual Hop RF-UWOC System With RF Energy Harvesting for Marine Applications	International Journal of Communication Systems	38	10			1.7	10.1002/dac.70128

4023	Sahoo B.; Pradhan P.; Purohit A.; Jena H.; Sahoo B.B.	Dielectric and thermal behavior analysis of polyester composites filled with pineapple wood dust using finite element method	International Journal of Polymer Analysis and Characterization					1.7	10.1080/1023666X.2025.2496319
4024	Ramalingam P.S.; Raj D.B.T.G.; Subramanian M.; Arumugam S.	ML-Based Screening of miRNA Inhibitors and Intervention of lncRNA/miRNA/mRNA Axis in Oncogenic KRAS-Associated Colorectal Cancer	Advances in Public Health	2024	1			1.7	10.1155/2024/9436238
4025	Chinna Obaiah M.; Vinodh Kumar E.; Kishore B.	State feedback H∞ control design using asymmetric Lyapunov–Krasovskii functional for vehicle active suspension system	Transactions of the Institute of Measurement and Control					1.7	10.1177/01423312251323647
4026	Rani K.R.; Yogesh N.; Chitra K.	Multi-pole mode confinement and optomechanical mode rotation in a hollow-core hexagonal terahertz photonic crystal fiber for multi-gas sensing	Applied Optics	64	10	2692	2693	1.7	10.1364/AO.553096
4027	Poudel U.; Jakhar S.; Mohan P.; Nepal A.	AI in Mental Health: A Review of Technological Advancements and Ethical Issues in Psychiatry	Issues in Mental Health Nursing					1.7	10.1080/01612840.2025.2502943
4028	Chakraborty A.; Saxena R.; Singh I.; Parmar C.; Khatibi A.; Prashar N.; Singh A.; Kumar K.; Shah S.	A Compact Defected Ground Structure-Based High Isolated Monopole MIMO Antenna for USB Band Mobile Satellite Services	International Journal of Communication Systems	38	10			1.7	10.1002/dac.70144
4029	Krishna P.; Saritha V.; Pounambal M.; Penchala R.	Energy-Aware Learning Automata-Based Backoff Algorithm in Cyber-Physical Systems	International Journal of Communication Systems	38	10			1.7	10.1002/dac.70145

4030	Tiwari R.S.; Das T.K.; Tripathy A.K.; Li K.-C.	Gait identification based on deepwalk features using CNN and LSTM: an advanced biometric approach	Telecommunication Systems	88	3			1.7	10.1007/s11235-025-01319-6
4031	Harinathan B.; Jebaseelan D.; Sharma H.; Babu L.; Shanmuganathan R.; Yoganandan N.	Prediction of heterotopic ossification on the cervical spine with offset of the artificial disc – A finite element study	Medical Engineering and Physics	141				1.7	10.1016/j.medengphy.2025.104356
4032	Arun Balaji M.; Naveen Venkatesh S.; Sugumaran V.; Ramachandran K.I.	A Comparative Study of Image Representation for Roller Bearing Fault Diagnosis Using Pretrained Networks	Journal of Engineering (United Kingdom)	2025	1			1.7	10.1155/je/4707723
4033	Balajee R.; S.P Y.; Sharma S.; Gupta D.	Electron and Positron Collision with Plasma Wall Coating Elements	Atoms	13	5			1.7	10.3390/atoms13050037
4034	M M.; C S.D.	Biosynthesis and therapeutic applications of MK-7: A comprehensive review	Cogent Food and Agriculture	11	1			1.7	10.1080/23311932.2025.2509677
4035	S., Manakkattil MohammedIsmail, Sulphey; K.M.M., Jasim, Kaja Mohideen Mohamed	Perceived Anomie, Organizational Silence, Compulsory Organization Citizenship Behavior, and Workplace Alienation as Antecedents of Knowledge Hiding	Knowledge and Process Management					1.7	10.1002/kpm.70001
4036	P., Halder, Paltu; S., Dalui, Sandip; S., Sardar, Sankirtan; A., Bandyopadhyay, Anup	Arbitrary Amplitude DIA Nonlinear Wave Structures at M=Mc in an Unmagnetized Five Components Plasma	Brazilian Journal of Physics	55	5			1.7	10.1007/s13538-025-01829-3

4037	B., Lalithamaheswari, B.; A.R., Chandrasekaran, Anu Radha	An Analysis of Lactodifucotetraose Using Molecular Docking and Dynamics Studies with Norovirus Capsid Protein	Brazilian Journal of Physics	55	5			1.7	10.1007/s13538-025-01849-z
4038	A., Srivastava, Aishwarya; N.S., Jayaprakash, N. S.	Whole genome data sequence for VIT_AJPSC phage against Shigella dysenteriae	BMC Research Notes	18	1			1.7	10.1186/s13104-025-07261-9
4039	R., Reddy, Rohinikumar; R.S., Pasupuleti, Ram Sateesh	Children's School Commutes in Distinct Urban Neighbourhoods A Case of Visakhapatnam, India	International Review for Spatial Planning and Sustainable Development	13	3	313	337	1.7	10.14246/irspsd.13.3_313
4040	S., Bharathy, S.; M.C., Saravanarajan, M. C.	A Two-Phase Service Access Beside Retrial Queues, Orbit Mechanism, Working Vacation Policies for Single Server Environments; ?????? ??? ?????? ??? ??????? ????? ?????? ????? ????????? ????? ??????? ??????? ????? ????? ?????? ?????? ??????	Baghdad Science Journal	22	6	2018	2043	1.7	10.21123/2411-7986.4974
4041	K., Mahapatra, Krishna; R., Selvakumar, R.	Fractal Dimension and Entropy Analysis of Medical Images for KNN-Based Disease Classification	Baghdad Science Journal	22	4	1354	1365	1.7	10.21123/bsj.2024.10835

4042	S., Saravanan, Shabhari; C., Monica, C.	Stationary Distribution of Stochastic SEIRS Epidemic Model with Saturated Incidence Rate and Saturated Treatment Function; ?????? ?????? ?????? ????????????? ?????? ??????? ??????? ???????? ??? ???? ??????? SEIRS ?? ?????????? ??. ??????	Baghdad Science Journal	22	5	1646	1668	1.7	10.21123/bsj.2024.11183
4043	K., Hemalatha, K.; B., Venkateswarlu, B.	A New Algorithm for Finding Initial Basic Feasible Solution of Spherical Fuzzy Transportation Problem with Applications; ??????? ?? ??????? ???????? ????? ?????? ?? ???? ????? ????? ?????? ????? ??????	Baghdad Science Journal	22	5	1635	1645	1.7	10.21123/bsj.2024.11263
4044	M., Ganesan, M.; S., Arockiasamy, Sebastian	Synthesis, characterization and crystal structure of bis{5-(diethylamino)-2-[(methylimino)methyl]phenolato}-nickel(II)	Transition Metal Chemistry					1.7	10.1007/s11243-025-00677-z
4045	J.P., Anju, J. P.; A.N., Ardra, A. N.; A.M., Thomas, An Maria; A., Philip, Abin; A., Ruban Kumar, A.	Synthesis and electrochemical characterization of MoO3-based composites with graphite, WO3, and ?-MnO2 for supercapacitor applications	Transition Metal Chemistry					1.7	10.1007/s11243-025-00678-y

4046	R.S.R., Mummadi, Ravi Sankar Reddy; S., Kaleemulla, Shaik	Transparent, N to P-type transition of thermally evaporated Cu-doped ZnS thin films for optoelectronic device applications	Indian Journal of Physics					1.7	10.1007/s12648-025-03728-4
4047	P., Kottapalle, Prasanna; T., Tak, Tankuan; P.R., Kshirsagar, Pravin R.; G., Gopichand, G.; A., Vijaya Krishna, A.	QHF-CS: Quantum-Enhanced Heart Failure Prediction Using Quantum CNN with Optimized Feature Qubit Selection with Cuckoo Search in Skewed Clinical Data	Computers, Materials and Continua					1.7	10.32604/cmc.2025.065287
4048	N.V., Bharat, Nishtala Venkata; M., Srikanth, Mamidala; B., Palakeeti, Babji; S., Elumalai, Sambandan	In Silico Assessment and Quantitative Estimation of Potential Toxic Impurities From Propafenone (PFN) Through Generic Route and Using UPLC-MS/MS Technique	Biomedical Chromatography					1.7	10.1002/bmc.70208
4049	Amreen, M.; Venkateswarlu, B.	A New Strategy for Solving the Initial Basic Feasible Solution of the Transportation Problem Using Exponential Distribution and a New Penalty Model	Baghdad Science Journal	22	9	3067	3079	1.7	10.21123/2411-7986.5064
4050	Prabha, B.; Mariappan, M.; Joseph, L.	An optimal hybrid deep learning-aided facial emotion detection and classification scheme to identify criminal activities	Automatika	66	4	15	27	1.7	10.1080/00051144.2025.2560147
4051	Sukanya, K.; Babu, S.K.	Forecasting and Predictive Model Building for Heart Failure Data using Machine Learning Techniques	Baghdad Science Journal	22	9	3177	3190	1.7	10.21123/2411-7986.5071

4052	Battul, V.; Santhi, M.H.	Homogenized earthquake catalog of Maharashtra state, India	Journal of Earth System Science	134	4			1.7	10.1007/s12040-025-02661-8
4053	Raja, S.; Jeyaraj, R.S.	Laplacian Energy and Eccentricity Based Energy for Cross Monic Zero Divisor Graph Associated With Commutative Rings	Baghdad Science Journal	22	9	3080	3093	1.7	10.21123/2411-7986.5065
4054	Muraleedharan, R.; Sugi, L.; Balakrishnan, D.; Vinitha, G.; Ramajothi, J.	Multifaceted studies on thiourea family semiorganic NLO materials: optical and thermal properties	Indian Journal of Physics					1.7	10.1007/s12648-025-03824-5
4055	Hussain, S.S.; Kingsley J, D.	Beyond traditional antivenoms: Exploring human proteins and plant-based ligands for viper venom neutralisation through molecular interaction studies	Toxicologie Analytique et Clinique					1.7	10.1016/j.toxac.2025.09.081
4056	J., G.; Mohanty, S.K.; Nayak, C.	Advancing Topological Robustness in 1D Photonic Crystals via Multi-Material Architectures	Brazilian Journal of Physics	56	1			1.7	10.1007/s13538-025-01938-z
4057	Bhuvaneswari, J.; Easwaramoorthy, D.	Complexity Measures for Self-Similar and Chemical Graphs Using Entropies and Generalized Fractal Dimensions	Baghdad Science Journal	22	10	3462	3478	1.7	10.21123/2411-7986.5095
4058	Bhagvat, B.; Gupta, R.S.; Patel, P.; Sahoo, S.K.; Rahaman, A.; Kumar, A.; Kandasami, A.; Singh, V.R.	Unravelling Defect Mediated Magnetism in Anatase TiO? Nanoparticles through Structural, Optical, and Magnetic Characterizations	Journal of Superconductivity and Novel Magnetism	38	6			1.7	10.1007/s10948-025-07100-9

4059	Chris Asir, J.A.F.; Davidson, D.D.; Bosco, A.; Harinathan, B.; Yoganandan, N.	Finite Element Study of Anterior Cervical Discectomy and Fusion Constructs Near Cervicothoracic Junction-Is T2 Modeling Necessary?	Journal of Biomechanical Engineering	148	1			1.7	10.1115/1.4070409
4060	Chaithanya, T.S.; Sabareesh, V.	Natural Proteolytic Peptide Inhibitors of Alpha-Glucosidase and Alpha-Amylase as a Strategy to Manage Type 2 Diabetes?A Review	Peptide Science	118	1			1.7	10.1002/pep2.70017
4061	Dhamayendiran, V.; Manoharan, A.S.; Selvan, R.K.; Kumari, P.; Kalaiselvan, V.	A review of revolutionizing cucurbit breeding: advances in genome editing, molecular markers and QTL mapping	Euphytica	222	1			1.7	10.1007/s10681-025-03654-w
4062	Balu N., Rathnasabapathy M.	Indirect effect of psychological capital by using Partial Least Square (PLS) path analysis	MethodsX	14				1.6	10.1016/j.mex.2025.103162
4063	Paul J.M., Karmakar M.	Spacetimematter and quantum relations of affective e-motions	MethodsX	14				1.6	10.1016/j.mex.2024.103142
4064	K S.T., G B., Kumar T.S.P.	The game of language learning and rewiring biocognitive receptors	MethodsX	14				1.6	10.1016/j.mex.2024.103143
4065	Ojha S.K., Maddela C.O.	A FOPIDN-(1+PIDN) controller design and optimization for load frequency control system integrated with renewables and electric vehicles	Electrical Engineering					1.6	10.1007/s00202-024-02938-z

4066	Ramakrishnan A.; Ramalingam R.; Ramalingam P.; Ravi V.; Alahmadi T.J.; Maidin S.S.	A Novel Chaotic Binary Butterfly Optimization Algorithm based Feature Selection Model for Classification of Autism Spectrum Disorder	International Journal of Applied Mathematics and Computer Science	34	4	647	660	1.6	10.61822/amcs-2024-0043
4067	Bagchi S.; Bhowmik P.; Chakraborty R.; Das P.	Optimal bandwidth-based pseudo-centralized droop control mechanism for grid-forming microgrids using tri-layered neural network with real-time feasibility	Electrical Engineering					1.6	10.1007/s00202-024-02926-3
4068	Samuel S.P., Gayathri R., Koley S., Muthusamy C.	Motion responses with hydrodynamic factors in designing a floating breakwater and wave energy converter: a review	Journal of Ocean Engineering and Marine Energy					1.6	10.1007/s40722-024-00372-8
4069	Kalpanapriya D.D.; Bhavana P.	Optimizing hospital length of stay and bed allocation using a fuzzy stochastic transportation problem framework with lomax distribution,	MethodsX	14				1.6	10.1016/j.mex.2025.103208
4070	Choudhury F.; Sharma S.	Examining audience perceptions of sexist item songs: A contemporary analysis of bollywood	MethodsX	14				1.6	10.1016/j.mex.2025.103214
4071	Vivek S.; Panda S.K.; Vijayakumar V.	Optimal Feedback Control Results for Hilfer Fractional Neutral Dynamical Systems with History-Dependent Operators	Journal of Optimization Theory and Applications	204	2			1.6	10.1007/s10957-024-02586-0

4072	Haseen S.F.; Lakshmi P.; Deepa T.; Maheedhar M.	Improved inclined plane optimization-based FLC design for reference tracking in maglev system: experimental study	Electrical Engineering					1.6	10.1007/s00202-025-02979-y
4073	Arcot J.; Shaik K.	Effect of annealing temperature on structural, optical and electrical properties of CdO nanoparticles for lighting applications	European Physical Journal B	98	1			1.6	10.1140/epjb/s10051-025-00867-9
4074	Pandey A.; Ghosh S.	Numerical study of childhood disease model with Lyapunov stability analysis	Indian Journal of Physics					1.6	10.1007/s12648-024-03537-1
4075	Jaxline J.B.; Dhas D.A.; Joe I.H.; Vinitha G.	Crystal growth, spectroscopic investigation and third-order NLO property of novel organic single crystal 2-amino-5-methyl pyridinium oxalate	Journal of Optics (India)					1.6	10.1007/s12596-025-02604-y
4076	Mohan S.; Karmakar M.	Diya: coerced abortion and reproductive autonomy in India	Feminist Media Studies					1.6	10.1080/14680777.2025.2468896
4077	Jose J.; Hotta T.K.	Thermal Performance Optimization of Nano-Enhanced Phase Change Material-Based Heat Pipe Using Combined Artificial Neural Network and Genetic Algorithm Approach	Journal of Thermal Science and Engineering Applications	17	2			1.6	10.1115/1.4067071
4078	Siddharth M.; Arora G.; Vani M.P.	Predictive modelling of knee osteoporosis	BMC Research Notes	18	1			1.6	10.1186/s13104-025-07125-2
4079	S A.; Radhakrishnan V.	Beyond the screen: The psychological significance of ecophilia in childhood	MethodsX	14				1.6	10.1016/j.mex.2025.103263

4080	Thangamuthu M.; Hanumegowda P.K.; Gnanasekaran S.; Uddin M.	Assessment of musculoskeletal disorders among bus drivers in South India: implications for health and safety	International Journal of Occupational Safety and Ergonomics					1.6	10.1080/10803548.2025.2473761
4081	Priyadharshini J.; Karthiga R.K.J.	The biopsychosocial materno-semiotics framework: A holistic analytical tool for film studies	MethodsX	14				1.6	10.1016/j.mex.2025.103279
4082	Munikrishna A.; Jindal S.K.; Vijayvargiya V.	Enhanced MEMS piezoresistive pressure sensor through silicon carbide diaphragm and chromium rod beams support integration in robust environmental sustainability	Sensor Review					1.6	10.1108/SR-01-2025-0051
4083	Prasshanth C.V.; Sugumaran V.	Can tire wear be detected using vibration signals?–an experimental study	International Journal of System Assurance Engineering and Management					1.6	10.1007/s13198-025-02756-x
4084	Yousfi A.; Saidani O.; Bennia R.; Saoud F.S.; Saidi L.; Bhattarai S.; Islame M.R.; Rahman M.F.; Sahoo G.S.	Numerical Simulation of High-Efficiency Double-Absorber Layer Perovskite Solar Cells Using SCAPS- 1D and MATLAB PV Models	Transactions on Electrical and Electronic Materials					1.6	10.1007/s42341-025-00606-y
4085	Jasim K.M.; Murali R.; James S.R.; Srinivasan C.	Electronic learning platform service quality: an empirical examination and validation of the potential measures	International Journal of System Assurance Engineering and Management					1.6	10.1007/s13198-025-02740-5

4086	Saidani O.; Yousfi A.; Bhattarai S.; Islame M.R.; Sahoo G.S.	Simulation insights into high-efficiency Rb2AlAgI6 hybrid perovskite solar cells: performance metrics and optimization strategies	Journal of Optics (India)					1.6	10.1007/s12596-025-02687-7
4087	Thiagarajan K.; Deepa T.; Kolhe M.	Optimized coil design and advanced neural network control for enhanced wireless power transfer in electric vehicles using Taylor-based Firefly and Dove Swarm Optimization	Wireless Power Transfer	11				1.6	10.48130/wpt-0024-0012
4088	Sasithradevi A.; Persiya J.; Mohamed Mansoor Roomi S.; Arumuga Perumal D.; Prakash P.; Vijayalakshmi M.; Brighty Ebenezer L.	Advanced thermal vision techniques for enhanced fault diagnosis in electrical equipment: a review	International Journal of System Assurance Engineering and Management					1.6	10.1007/s13198-025-02782-9
4089	Velliangiri V.; Vasu D.; Ramkumar M.C.; Jindal S.; Gopinath P.; Balraj B.; Pandiyaraj K.	Development of PEG Like Antifouling Coating on the Surface of Polycaprolactone (PCL) 3D Scaffolds via a Nonthermal Atmospheric Pressure Plasma Jet Assisted Polymerization	Surface and Interface Analysis					1.6	10.1002/sia.7402
4090	Kumar M.N.; Muralidaran K.; Samuel P.	Development of dual-emitting Sb3+/Eu3+ codoped CaTiO3 phosphors for energy-efficient white LEDs	Indian Journal of Physics					1.6	10.1007/s12648-025-03636-7

4091	Vadivel S.M.; Madhumitha R.; Nair Y.; Aniruddha P.M.; Mithun S.P.; Sarathy Y.	Weave defect detection in jute manufacturing value chain using artificial intelligence and computer vision	International Journal of System Assurance Engineering and Management					1.6	10.1007/s13198-025-02797-2
4092	Kumar S.; Kumar A.; Srinivas P.S.T.N.	Investigation of BTBT-Triggered Split-Gate Junctionless Nanosheet FETs for Analog and RF Applications	Transactions on Electrical and Electronic Materials					1.6	10.1007/s42341-025-00626-8
4093	Arivanantham R.; Radhakrishnan V.	Integrating toda embroidery with pre-consumer textile waste: A sustainable approach to fashion production and cultural preservation	MethodsX	14				1.6	10.1016/j.mex.2025.103339
4094	Palanisamy B.; Rajasekaran V.	Analyzing listening and comprehension strategies among engineering students: A cross-sectional study	MethodsX	14				1.6	10.1016/j.mex.2025.103372
4095	Radhakrishnan E.; Govindasamy R.	Reinforcement of a novel woven pineapple yarn and wire mesh on natural fiber hybrid composite	Textile Research Journal					1.6	10.1177/00405175251327973
4096	Vijayakumar V.K.; Dhanalakshmi S.; Raghunathan V.; Ayyappan V.; Mavinkere Rangappa S.; Siengchin S.; Johnson J.P.	Tribological performance of Allium sativum-based brake pads using constant speed drag test at different conditions	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology					1.6	10.1177/13506501251337798

4097	Rathod A.A.; Subramanian B.; Naidu R.C.; Santhakumar R.	A holistic approach to multi-generation energy systems performance: optimization with energy and exergy analysis	Electrical Engineering					1.6	10.1007/s00202-025-03179-4
4098	Buduma P.; Pal A.; Kumba K.; Gundu V.; K S.	Optimal power management and robust control scheme for AC–DC microgrid involving renewable and conventional sources	Electrical Engineering					1.6	10.1007/s00202-025-03208-2
4099	Verma M.; Sahoo G.S.; Mishra G.P.	Bandgap engineering and passivation in top and bottom layer of GaAsP/Si tandem solar cell for efficiency improvement	Journal of Optics (India)					1.6	10.1007/s12596-025-02763-y
4100	Parasuraman E.; Vinoli X.L.J.	Perturbed periodic localized modes in birefringent optical fiber for two component Kundu–Eckhaus equation with third order dispersion	Journal of Optics (India)					1.6	10.1007/s12596-025-02784-7
4101	Poddar H.; Nayak C.	One-dimensional DNG-DPS photonic structure with a Kolakoski Quasicrystal lattice	Journal of Optics (India)					1.6	10.1007/s12596-025-02824-2
4102	Halder P.; Dalui S.; Mittal A.K.; Bandyopadhyay A.; Sardar S.	The effect of multi-species plasma on the modulation instability of obliquely propagating dust ion acoustic waves	Indian Journal of Physics					1.6	10.1007/s12648-025-03623-y
4103	Joni M.; Kavitha T.; Arun Kumar A.	Load Bearing Characterization of Environment Friendly Polyester Composite Rebar with Chopped Flax Fiber and Bagasse Biochar	Transactions on Electrical and Electronic Materials					1.6	10.1007/s42341-025-00638-4

4104	Vasudevan H.; Mukherjee A.	Ecocritical extraction analysis: A method for studying resource exploitation and environmental justice in literature	MethodsX	14				1.6	10.1016/j.mex.2025.103384
4105	Priyadarshini D S.; Jose T.P.	Interconnected pathways of social competence and resilience among foster care adolescents: Self-esteem acts as a potential mediator	MethodsX	14				1.6	10.1016/j.mex.2025.103411
4106	Seenivasan R.; Paul P.	Slow–fast dynamics in small trophic chains with habitat loss	European Physical Journal B	98	5			1.6	10.1140/epjb/s10051-025-00952-z
4107	P., Karthika, P.; A., Karmel, A.	Optimization-assisted deep two-layer framework for ddos attack detection and proposed mitigation in software defined network	Network: Computation in Neural Systems					1.6	10.1080/0954898X.2024.2443611
4108	P., Nancy, P.; M., Rajkumar, M.; S.S., Ashwini, S. S.; J., Jegan Amarnath, J.	Enhanced cardiovascular disease prediction: AMWOA-based feature selection and PyramidConvFormer-VAE fusion approach	Computer Methods in Biomechanics and Biomedical Engineering					1.6	10.1080/10255842.2025.2526789
4109	K., Jayasree, K.; M.K., Hota, Malaya Kumar	An explainable one-dimensional convolutional neural network with modified Gabor wavelet transform for the identification of exons	Computer Methods in Biomechanics and Biomedical Engineering					1.6	10.1080/10255842.2025.2535003

4110	S.S., Sarma, Subhra Sankha; P.R., Sagar, Paresh R.; A.H., Shah, Arpan H.	Area spectral efficiency and coverage probability enhancement for indoor industrial internet of things 5G network	Engineering Research Express	7	2			1.6	10.1088/2631-8695/ade5e9
4111	P., T, Prasath; S., Vijayan, Sumathi	Performance evaluation of Alzheimer﷽s disease detection in brain MRI images using the Alzheimer-net classifier	Engineering Research Express	7	3			1.6	10.1088/2631-8695/ade8d5
4112	V.R., Athiruban, Venkat Ramanan; G., Rajamurugan, G.	Analysis of mechanical, vibration, and acoustic properties of woven carbon/glass fiber on steel mesh embedded hybrid composites	Journal of Elastomers and Plastics					1.6	10.1177/00952443251354939
4113	K., Kavitha, K.; P., Kaliyaperumal, Palanivel; A., Akilbasha, A.; S.A., Edalatpanah, S. A.; D., Behera, Diptiranjan	NAVIGATING UNCERTAINTIES USING TYPE I SENSITIVITY ANALYSIS FOR TRANSPORTATION PROBLEMS: A MID-WIDTH TECHNIQUE WITH CRISP AND FUZZY SCENARIOS	Journal of Industrial and Management Optimization	21	7	4730	4752	1.6	10.3934/jimo.2025072
4114	B., Jai Kumar, B.; R., Mohanasundaram, Ranganathan	A Machine Learning Classifier-Based Approach for Diabetes Mellitus Risk Prediction	Biomedical Physics and Engineering Express	2				1.6	10.1088/2057-1976/ad857b
4115	S., Kanimozhi, S.; R., Sivakumar, R.; A.K., Chintanpalli, Anantha Krishna	Recent advancements in feature extraction and classification based bone cancer detection - a systematic review	Biomedical Physics and Engineering Express	11	4			1.6	10.1088/2057-1976/ade8f8

4116	P.V., Pushpa Raj, Praveen Vijaya; V., S M, Vadivel	Smart contract-based shipment for beverage supply chain 4.0	Journal of Transportation Security					1.6	10.1007/s12198-025-00306-x
4117	M., Jayaraman, Maya; K., Sivaprasad, Katakam; B., Ravisankar, Balasubramanian; K.G., Prashanth, K. G.	06Cr15Ni4CuMo Selective Laser Melted Additive Manufacturing Technology Steel: Mechanical and Tribological Properties	Transactions of the Indian Institute of Metals					1.6	10.1007/s12666-025-03658-z
4118	M.S., Patel, Md Saad; A., Rahaman, Ariful; R.J., Immanuel, R. Jose	Microstructural Engineering of As-Cast Mg-Gd-Y Alloys Through Friction Stir Processing Towards Improved Mechanical Performance	Transactions of the Indian Institute of Metals					1.6	10.1007/s12666-025-03699-4
4119	R., Vinothkumar, R.; N., Srinivasan, N.	Effects of Cryogenic, Cold, and Warm Rolling Reductions on the Evolution of Mechanical and Corrosion Properties of Standard Duplex Stainless Steel 2205	Metallography, Microstructure, and Analysis					1.6	10.1007/s13632-025-01242-x
4120	L.D., Alexander, Leo Daniel; V.N., Panda, Vinay Neil; S., Jakhar, Sanjeev; M.S., Dasgupta, Mani Sankar	Computational Analysis of Airflow Deflector Impact on Temperature Heterogeneity in Cold Storage	Heat Transfer Engineering					1.6	10.1080/01457632.2025.2538928
4121	P., Srikanth, Pulipaka; A., Jain, Anargh; P., Jain, Priyanshi; G., Arunkumar, G.	Analysis, design, and validation of interleaved Luo converter for low-power electric vehicle battery charging applications	Engineering Research Express					1.6	10.1088/2631-8695/ade7cb
4122	K., Neerugatti, Kusuma; V., Pakala, Venugopal	Design of PFD and a charge pump for low power, low phase noise CP-PLL for sub-6 GHz applications	Engineering Research Express					1.6	10.1088/2631-8695/adf0c8

4123	R., Kirthiga, R.; S.S., Elavenil, S. S.; T., Imjai, Thanongsak	Synergistic effects of bagasse ash and silica fume on strength and durability properties of sustainable cement mortars	Engineering Research Express					1.6	10.1088/2631-8695/adf1d6
4124	A., Singh Bisht, Akshaj; R., Karthik, R.; A., Ajay, Armaano; A., Karan Singh, Abhay	Virus-FusionNet: an explainable deep learning-based approach for virus classification from TEM images using DenseNet and lightweight hierarchical semi-local feature extraction network	Engineering Research Express					1.6	10.1088/2631-8695/adf411
4125	G., Rajamurugan, G.; R., Elayaraja, R.; A., Paba, Amod; S., Singh, Samarjeet; V.V., Singh, Vinayak Vir; M., Arulmurugan, M.	Mechanical and dynamic performance of stainless steel and nylon mesh reinforced hybrid kevlar/glass fiber composites	Engineering Research Express					1.6	10.1088/2631-8695/adf52b
4126	D., Lingam, Divnesh; R., Ananthanarayanan, Rajeshkannan; A.K., Jeevanantham, A. K.	Analysis and prediction of the mechanical properties of cold forged Al-Li preforms using statistical and machine learning approaches	Engineering Research Express					1.6	10.1088/2631-8695/adf68f
4127	A., Kulkarni, Ashvini; A.S.B., Paul, Augusta Sophy Beulet	A hybrid EKF-LSTM framework with GA-tuned noise covariance for enhanced time series forecasting	Engineering Research Express					1.6	10.1088/2631-8695/adf9be
4128	M., Nandhini, M.; S., Natarajan, Sudhakar	A Comparative Analysis of Conducted EMI Mitigation Strategies in Nonisolated Power Converters	International Journal of Circuit Theory and Applications					1.6	10.1002/cta.70074

4129	G.V., Sai Charan, Guntupalli V.; R., Karthik, R.; V., Muktha Sri, Vuppula; D.S.S., Kandepi, Durjai Sri Sai	CAL-Net: a continual adaptive learning network for deepfake detection using multi-track fusion and domain adaptation	Engineering Research Express					1.6	10.1088/2631-8695/ae0252
4130	H., Sabireen, H.; R., Bera, Riddhirup; A., Quadir Md, Abdul; C.J., Jackson, C. J.; A.S., Shahina, A. Srimathi	TISEA: a scalable deep learning framework for multi-faceted text analytics with topic modeling, summarization, and emotion classification	Engineering Research Express					1.6	10.1088/2631-8695/ae000d
4131	N., Gopinathan, Nandan; D., Gupta, Devanshu; P.K., Shanmugam, Prabhakar Karthikeyan; R., Nersisson, Ruban; G.A., Gabriel, Garc?a Andr?s; G.E., Daniel, Guillermo Eduardo	Deep-cycle battery sizing and strategic battery management in solar-EV systems using UDDS drive cycles with real-time environment	Engineering Research Express					1.6	10.1088/2631-8695/adfb22
4132	J., Chandran R, Jishnu; S., Sadasivan, Sreeja; S.K., Arumugam, Senthil Kumar	Influence of spindle tip geometry on the performance of a controllable CO2 ejector	International Journal of Modern Physics C					1.6	10.1142/S0129183126500099
4133	P., N, Prabhu; T., Rajaram, Thirumalaivasan; A., Bragadeshwaran, Ashok	Software-in-the-loop simulation for design and optimization of control algorithms to reduce torque ripple in BLDC motors for EV applications	Engineering Research Express					1.6	10.1088/2631-8695/ae024e

4134	M.D., Subramaniam, Mohana Devi; V., Bagyaveereswaran, V.	Artificial intelligence techniques for precise current sensor fault diagnosis in battery systems using enhanced equivalent circuit models	Engineering Research Express					1.6	10.1088/2631-8695/ae05f2
4135	A.R., Shaik, Abdul Rahim; A., Manoharan, Arun	Hybrid convolutional spinal zeiler and fergus network-based attack prevention with the tuning of firewall in IoT	Engineering Research Express					1.6	10.1088/2631-8695/adf942
4136	A., Joseph, Amala; S., Bala Murugan, S.	Impact of pozzolanic additives on compressive strength and elastic modulus of high-strength self-compacting concrete	Engineering Research Express					1.6	10.1088/2631-8695/adfaca
4137	R., Rajeeth Kumar, R.; A.K., Jeevanantham, A. K.	Evaluating the high-frequency performance of cold-sintered and annealed soft magnetic composites through impedance and potentiodynamic polarization analysis	Engineering Research Express					1.6	10.1088/2631-8695/ae0008
4138	T.B., Sridharan, T. B.; D., Abilash, Doraiah	Heavy Metal Exposure and its Consequences on Sperm Quality: A Cross-Sectional Perspective Study	Indian Journal of Clinical Biochemistry					1.6	10.1007/s12291-025-01350-z
4139	M.D., Subramaniam, Mohana Devi; V., Bagyaveereswaran, V.	A hybrid RTDA-PID control strategy for BLDC motors using FOPDT based approximation and SBOA optimization	Engineering Research Express					1.6	10.1088/2631-8695/ae0095

4140	Akila, V.; Shirly Edward, A.; Anita Christaline, J.	Advanced design and classification of wearable near-infrared spectroscopy device using temporal channel reconfiguration multi-graph convolutional neural networks for motor activity	Computer Methods in Biomechanics and Biomedical Engineering	28	13	2017	2031	1.6	10.1080/10255842.2025.2510370
4141	Mahalakshmi, V.; Karthikeyan, B.	Context reasoning-based vehicle traffic accident severity prediction using a machine learning algorithm in edge computing	Engineering Research Express	7	4			1.6	10.1088/2631-8695/ae06f5
4142	Sampath, I.; Raj, S.A.; Hameed, A.Z.	Exploring freeze-thaw durability of acrylonitrile styrene acrylate hexagonal honeycombs: additive manufacturing perspectives for outdoor applications	Engineering Research Express	7	4			1.6	10.1088/2631-8695/ae0f0c
4143	Raghavan, M.S.; Anikrishnan, M.; Kannan, C.	Immersion cooling of lithium-ion batteries using advanced nanofluids ? a numerical approach	Engineering Research Express	7	4			1.6	10.1088/2631-8695/ae0ddf
4144	S.M.; Raj R, A.; S.S.; Bibin, B.S.; Edison, G.	Investigation of heat transfer through shark fin inspired bionic pattern in a micro-channel	Engineering Research Express	7	4			1.6	10.1088/2631-8695/ae0f7d
4145	Teja, V.S.; Varma, S.S.; Mahapatra, D.K.; Jena, B.	ML-driven investigation of non-ideal effects in multi-gate MOSFET characteristics for sub-10 nm technologies	Engineering Research Express	7	4			1.6	10.1088/2631-8695/ae0250
4146	Tamilarasan, S.K.; Kanna, P.R.	Natural Circulation Performance of Supercritical CO2 Dual Loop System?A Numerical Study	Heat Transfer Engineering					1.6	10.1080/01457632.2025.2562718

4147	Vignesh, A.R.; Oyyaravelu, R.	Statistical modeling of friction stir welding process parameters using TOPSIS and ANOVA	Engineering Research Express	7	4			1.6	10.1088/2631-8695/ae09f7
4148	Riyaz, M.; Madhumathi, M.	Tangibility and intangibility of ephemerality in exhibition: a study of parametrically designed booth pavilions	Journal of Asian Architecture and Building Engineering					1.6	10.1080/13467581.2025.2587373
4149	Venkateshwaran, V.; Padmanathan, P.	Numerical investigation of effect on three-dimensional dual cavity in a scramjet combustor	International Journal of Modern Physics C					1.6	10.1142/S0129183126500464
4150	Paulraj, T.; Obulesu, Y.P.	Optimization of torque performance in SynRM with strategic placement of NdFeB permanent magnets and novel flux barrier shape	Engineering Research Express	7	4			1.6	10.1088/2631-8695/ae180d
4151	Milind Joshi, S.; Murali, G.B.	Design development and experimental investigation of novel bio-inspired gyroid lattice structure for acoustic application	Engineering Research Express	7	4			1.6	10.1088/2631-8695/ae1dca
4152	Prinitha, S.; Jose, T.P.	Internet exposure and knowledge of HIV/AIDS among adolescents in India: exploring the mediating role of self-efficacy using UDAYA data	Frontiers in Communication	10				1.6	10.3389/fcomm.2025.1648383
4153	Eshak, D.; Arumugam, M.	In silico investigation of phytocompounds in Bacopa monnieri and Centella asiatica targeting ALS-associated biomarkers HLA-DRB1 and COLIA2	Letters in Drug Design and Discovery	22	9			1.6	10.1016/j.lddd.2025.100157

4154	Lalitha, R.; Shanthi, V.	Mutations in Penicillin G Acylase: A 4D QSAR-based Approach for ?Enhancing Efficacy of ?-lactam Antibiotics	Current Computer-Aided Drug Design					1.6	10.2174/0115734099353965251002075056
4155	D, D.; Ranganathan, R.; Madhan Kumar, P.; Sridharan, T.B.	A Study on the Role of Oxidative Stress on the Sperm Quality of Individuals Occupationally Exposed to Air Pollution	Indian Journal of Clinical Biochemistry					1.6	10.1007/s12291-025-01364-7
4156	Mathpal, S.; Panickar, A.; Joshi, T.; Ramaiah, S.; Anbarasu, A.	Genomic surveillance of vancomycin-resistant Enterococcus faecium: a study on Resistome, Plasmidome, and mobilome profiling	Current Genetics	71	1			1.6	10.1007/s00294-025-01331-y
4157	Govindasamy, G.; Arjunan, B.P.	Advanced Oxidation Processes driven by heterogeneous photocatalysis: a critical review of challenges and perspectives	Engineering Research Express	7	4			1.6	10.1088/2631-8695/ae11e8
4158	Avinash, D.H.; Rammohan, A.	Reinforcement learning for adaptive fault detection in lithium-ion batteries: a next-generation approach for electric vehicles	Engineering Research Express	7	4			1.6	10.1088/2631-8695/ae16fe
4159	Manda, R.; Srivastava, A.; Shekhawat, A.; Mahapatra, D.K.	A hybrid Autoencoders-Isolation Forest Network (AEIFNet) based anomaly detection for Miners? safety	Engineering Research Express	7	4			1.6	10.1088/2631-8695/ae1eea
4160	Deepa, M.; Beulet, P.A.S.	Fault-tolerant MAC unit with enhanced reliability and power efficiency with reversible logic gates	Engineering Research Express	7	4			1.6	10.1088/2631-8695/ae275d

4161	Lakshmi, S.; Arasu, A.	Centralized transfer-learning LSTM with multi-head attention for interpretable multi-pollutant forecasting in Delhi's winter smog episodes	Engineering Research Express	7	4			1.6	10.1088/2631-8695/ae2826
4162	Srivastava, A.; Shivay, O.N.; Mukhopadhyay, S.	On temperature-rate-dependent two-temperature piezothermoelasticity theory	Zeitschrift fur Angewandte Mathematik und Physik	76	6			1.6	10.1007/s00033-025-02638-z
4163	D, D.; Sridharan, T.B.	Identification of Heavy Metals (Cd and Pb) and Essential Amino Acids in Semen and their Impact on Male Reproductive Health	Indian Journal of Clinical Biochemistry					1.6	10.1007/s12291-025-01376-3
4164	Parthiban, R.; Ponnambalam, P.	Performance Improvement of a Combined Hybrid Energy System Using Photovoltaic and Thermoelectric Generators Based on the hCOSS-MPPT Algorithm	Journal of Electrical Engineering and Technology					1.6	10.1007/s42835-025-02530-w
4165	A.b, S.; G, S.	Thermal analysis of ternary hybrid nanofluid flow through a porous medium on a rotating stretching sheet with dual stratification effects	World Journal of Engineering			1	16	1.6	10.1108/WJE-05-2025-0343

4166	Josuva, J.; Reddy, R.H.; Saravana, R.	Pulsatile flow of nonlinear radiative Carreau?Yasuda nanofluid with temperature-dependent properties and exo/endothermic reactions in a Darcy?Forchheimer porous channel	World Journal of Engineering			1	20	1.6	10.1108/WJE-05-2025-0380
4167	S.k, S.; Ranjith, R.; Prasanth, P.	Sustainable concrete matrix using ceramic electrical insulator waste as binder and filler-performance under elevated temperature	World Journal of Engineering					1.6	10.1108/WJE-06-2025-0428
4168	Jadhav, B.N.; Abdul Azeez, E.P.; Sharma, J.; Yadav, A.; Athreya, V.S.; Mathew, M.	The Association of Adverse and Benevolent Childhood Experiences with Grit Among Gen Z: The Mediating Role of Emotional Regulation	Psychological Reports					1.6	10.1177/00332941251363891
4169	Varghese, M.A.; Sharma, P.	Tracing 40?years of research on Artificial Intelligence and human metacognition from 1985 to 2024	Discover Psychology	5	1			1.6	10.1007/s44202-025-00463-z
4170	Rexy, M.F.; Priya, G.	Blockchain-powered healthcare system ? a systematic literature review	Engineering Research Express	7	4			1.6	10.1088/2631-8695/ae1d1b
4171	Nadh B.P., Swamy B.Y., Ramakrishna Y., Anveshini D., Kandula S.R., Lokesh Raju V., Das P., Madhav B.T.P.	Design of compact true wireless stereo (TWS) antenna in earphones for wearable communication applications	Engineering Research Express	7	1			1.5	10.1088/2631-8695/ada873

4172	Murali A., Velu M.	Characterisation of dissimilar metal weldments of titanium alloys Ti-64 and Ti-6246 made using electron beam and rotary friction welding	Engineering Research Express	7	1			1.5	10.1088/2631-8695/ada2dd
4173	Rajapathiban M., Karthikeyan M.	Full space scanning leaky wave antenna with wide angle beam steering based on SSPPs	Engineering Research Express	7	1			1.5	10.1088/2631-8695/ada871
4174	Bharathi P., Kumar T.S., Anbuchezhiyan G.	Multioptimization analysis of machining characteristics on spark electrical discharge machining of Al/SiC and Al/SiC/B4C composites	Engineering Research Express	7	1			1.5	10.1088/2631-8695/ada723
4175	Pal S., Upadhyaya B.K., Majumder T., Dasgupta S., Das N., Bhattacharjee A.	Dynamic configuration optimization of FPGA accelerators through reinforcement learning for enhanced performance and resource utilization	Engineering Research Express	7	1			1.5	10.1088/2631-8695/ada72c
4176	Moulika G., Palanisamy P.	Next-generation cybersecurity strategies for 3D printing in high-intensity manufacturing	Engineering Research Express	7	1			1.5	10.1088/2631-8695/ad9e80
4177	Dutta D., Priya G.	Exploring blockchain: technological foundations, applications, and security concerns	Engineering Research Express	7	1			1.5	10.1088/2631-8695/ada2de
4178	Sambavi N., Nawaz Khan F.R.	Cu-TEMPO catalyzed synthesis of benzo[a]acridines and their photophysical studies	Tetrahedron Letters	156				1.5	10.1016/j.tetlet.2024.155446

4179	Padmashrija A.J.C., Kannadasan S., Shanmugam P.	I2/p-TSA: An efficient reagent for regioselective synthesis of angularly fused diazabenzocyclo-pentafluorene via iodocyclisation of 11-(arylethynyl)-11H-indeno[1,2-b]quinoxalin-11-ol	Tetrahedron Letters	156				1.5	10.1016/j.tetlet.2024.155448
4180	Dinakararaja S.A., Radhakrishnan E.K.	Synthesis of dihydrooxepinobenzofuranone derivatives via Claisen rearrangement and ring closing metathesis	Tetrahedron Letters	155				1.5	10.1016/j.tetlet.2024.155447
4181	Jalisraj A., Udhayakumar R.	Averaging principle for fractional stochastic differential equations driven by Rosenblatt process and Poisson jumps	Journal of Control and Decision					1.5	10.1080/23307706.2025.2452431
4182	Moulika G.; Palanisamy P.	Simulation and modeling of a robust cybersecurity system for next-generation manufacturing execution	Engineering Research Express	6	4			1.5	10.1088/2631-8695/ad8ff2
4183	Sheeba M.J.; Christopher B.P.	An importance-performance matrix analysis on structural empowerment and innovative work behaviours through psychological empowerment: empirical evidence from the Indian automobile industry	International Journal of Learning and Intellectual Capital	21	5	537	570	1.5	10.1504/IJLIC.2024.143678
4184	Sankar S., Chandrasekaran N., Meivelu M., Parvathi V.D.	Zebrafish and Drosophila as Model Systems for Studying the Impact of Microplastics and Nanoplastics - A Systematic Review	Environmental Quality Management	34	3			1.5	10.1002/tqem.70021

4185	Manne D.; Govindanarayanan I.	Planar Wideband Quasi-Yagi Antenna for Vehicular Communication	Sensing and Imaging	26	1			1.5	10.1007/s11220-025-00543-3
4186	Anburaja R.; Kaleemulla S.	Structural, Magnetic, and Dielectric Properties of Bi1-xCoxFeO3 Nanoparticles for Photocatalytic Application	Brazilian Journal of Physics	55	2			1.5	10.1007/s13538-024-01676-8
4187	Tipraj B.; Athira K.; Shanmuga Priya T.	Role of agro waste in geopolymer concrete: strength, durability and microstructural properties	Engineering Research Express	7	1			1.5	10.1088/2631-8695/ada7c6
4188	Anoop P.P.; Deivanathan R.	Enhancing roadway scenario classification through vision transformer features and decision tree algorithms	Engineering Research Express	7	1			1.5	10.1088/2631-8695/adaabe
4189	Ballekura B.; N M.; Lavanya V.	Unveiling Turnover Intention: The Influence of Uncivil Behavior, Ineffectual Silence, and Rationalized Knowledge Hiding	Employee Responsibilities and Rights Journal					1.5	10.1007/s10672-025-09530-y
4190	Shanmugapriya R.S.; Vijayakumar V.	Results on the optimal feedback control for second-order non-autonomous evolution equations with damping	Journal of Control and Decision					1.5	10.1080/23307706.2025.2465344
4191	Mathew K.B.; Sridharan N.V.; Sreelatha A.P.; Vaithiyanathan S.	A voting based approach for monitoring nitrogen filled tire condition using machine learning and vibration signals	Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering					1.5	10.1177/09544070241312068
4192	Bihari A.; Tripathi S.; Deepak A.; Kumar P.M.	A new approach to compare the scientific impact of scholars	Journal of Data and Information Science					1.5	10.2478/jdis-2025-0013

4193	G D.B.; Moganraj A.; Muktinutalapati N.R.	Effect of Hot Isostatic Pressing on Microstructure and Mechanical Properties of Cast Aluminum Alloys—A Review	Transactions of the Indian Institute of Metals	78	3			1.5	10.1007/s12666-024-03472-z
4194	Roshan K.; Ponnusamy B.	Critical review of heavy duty vehicle battery management system	Engineering Research Express	7	1			1.5	10.1088/2631-8695/adac2e
4195	Karthikeyan K.V.; Harish R.	Advancements in flow control using plasma actuators: a comprehensive review	Engineering Research Express	7	1			1.5	10.1088/2631-8695/adabb3
4196	Kanthimathi S.; Sivakami R.; Indira B.	Modified Cryptosystem-Based Authentication Protocol for Internet of Things in Fog Networks	Concurrency and Computation: Practice and Experience	37	04-May			1.5	10.1002/cpe.70024
4197	Srirangan P.; Prince S.E.	Exploring the Therapeutic Potential of Esculetin in Mitigating Cyclophosphamide-Induced Hepato-Toxicity	Indian Journal of Clinical Biochemistry					1.5	10.1007/s12291-025-01312-5
4198	Selvaraj V.K.; Subramanian J.; Lazar P.J.L.; Yuvaraj L.; Krishna Rajeev P.	Synergistic Effects of Silicon Carbide and Graphite Reinforcements in AA 2024 Nanocomposites: Unlocking Tribological Efficiency for Eco-Friendly and Economical Industrial Advancements	Transactions of the Indian Institute of Metals	78	4			1.5	10.1007/s12666-025-03564-4
4199	Radhika P.; Mohamed Imran A.	Single-Phase Two-Stage Dual-Port EV Charger to Handle Wide Input Variations for G2V Applications	Journal of Control, Automation and Electrical Systems					1.5	10.1007/s40313-025-01157-6

4200	Natarajan G.; T P.R.; Hurren C.; R P.	Critical properties of cotton, UHMWPE, and para-aramid blended fabrics for protective clothing applications	Journal of the Textile Institute					1.5	10.1080/00405000.2025.2474764
4201	Mufina Begam J.; Abdul Azeez E.P.; Irshad C.V.; Padma Sri Lekha P.	Social Frailty Moderates the Association Between Gender and Life Satisfaction: Evidence from a Large-Scale Survey Among Indian Older Adults	Journal of Gerontological Social Work					1.5	10.1080/01634372.2025.2472967
4202	Sharma S.; Gupta D.	Investigation of positron scattering from 2H-pyran, 4H-pyran, and pyrrole molecules	Journal of Physics B: Atomic, Molecular and Optical Physics	58	4			1.5	10.1088/1361-6455/ada98a
4203	Ganapathy S.B.; Aravind Raj S.	The effect of dynamic shock load on the adhesion strength of fiber reinforced composite plates	Engineering Research Express	7	1			1.5	10.1088/2631-8695/ada7c9
4204	Nivedhitha D.M.; Jeyanthi S.	Multi-response optimization of acoustical characteristics of polyvinylidene difluoride porous foams by using Taguchi Grey relational analysis	Engineering Research Express	7	1			1.5	10.1088/2631-8695/adb47a
4205	Rasheed S H.; Nelapati R.P.	Enhancing digital circuit functionality with a hybrid CMOS-memristor non-volatile D latch: efficiency, reliability, and application	Engineering Research Express	7	1			1.5	10.1088/2631-8695/adb664

4206	Vinodhini M.; Rajkumar S.	A deep learning approach for predicting and optimizing the V2X network parameters for sustainable smart transportation systems	Engineering Research Express	7	1			1.5	10.1088/2631-8695/adb8a1
4207	Krishnamurthy B.; Rakkiyannan J.; Gnanasekaran S.; Thangamuthu M.	Condition monitoring of friction stir welding tool with vibration signals using support vector machine classifiers	Engineering Research Express	7	1			1.5	10.1088/2631-8695/adb93b
4208	Praveen S.M.; Rammohan A.	Thermal analysis on the impact of different velocity calculation methods for microchannel liquid cooling system in GPUs	Engineering Research Express	7	1			1.5	10.1088/2631-8695/adb9b9
4209	Mario J.S.A.; Alam P.; Lee J.; Manam S.R.	Green’s function approach to determine the impact of disturbance source on SH-wave regulation in the piezoelectric layer over FGTI substrate	Engineering Computations (Swansea, Wales)					1.5	10.1108/EC-07-2024-0626
4210	Dhayanithi J.; Hotta T.K.	Effect of PCM layer location on the building's temperature distribution and thermal performance: A case study on tropical climatic cities in India	International Journal of Modern Physics C					1.5	10.1142/S0129183125500342
4211	Srinivasan S.; C D N.	Investigation on the microstructure-mechanical property correlation in dissimilar steel welding between HARDOX and YS700 steel	Journal of Nuclear Science and Technology					1.5	10.1080/00223131.2025.2465913

4212	Joshua N.R.; Aravind Raj S.	Quality control in additive manufacturing: a review of traditional and advanced techniques	Engineering Research Express	7	1			1.5	10.1088/2631-8695/adbc47
4213	Kumar A.; Katal N.	A Lightweight YOLO Model for Detection of Disease from Optic Disc Region of Eye Fundus Imagery	Sensing and Imaging	26	1			1.5	10.1007/s11220-025-00575-9
4214	Santhanam S.; Mule O.; Gopinathan N.; Rammohan A.; Shanmugam P.K.	Improved real-time Lithium-ion battery parameter extraction and prediction analysis using ML framework	Engineering Research Express	7	2			1.5	10.1088/2631-8695/adc657
4215	Rajeeth Kumar R.; Jeevanantham A.K.	Influence of compaction pressure and sintering temperature in developing Fe-5wt%Al soft magnetic composites	Engineering Research Express	7	2			1.5	10.1088/2631-8695/adc783
4216	Ramaprabha K.; Venkatkumar S.	Bioprospecting of Novel Dye-Tolerant Actinomycetes for the Fabric Dye degradation and Its Phytotoxicity Analysis	Environmental Quality Management	34	4			1.5	10.1002/tqem.70068
4217	Mavuri R.; Ramasami S.	Reacting flow and emission characteristics of a multi-point LDI combustor: 9 LDI and 7 LDI	Journal of Mechanical Science and Technology	39	4	2285	2300	1.5	10.1007/s12206-025-0347-6
4218	Lingam D.; Ananthanarayanan R.; Jeevanantham A.K.	Analysis and prediction of the mechanical properties of cold rolled Al-Li preforms using statistical and artificial neural network models	Engineering Research Express	7	1			1.5	10.1088/2631-8695/adc0ed

4219	Muralidharan B.; Kanmani Subbu S.; Ajikumar A.K.; Koonapalli T.; Sasidharan S.	Experimental and numerical study of three-point bending test in five different FDM 3D printed PLA core with carbon fiber sandwich structures	Engineering Research Express	7	1			1.5	10.1088/2631-8695/adc0e5
4220	Raj A.; Chakravorty A.; Luktuke S.; Santra S.; Das S.; Sahoo S.; Ramesh K.; Nidha Fathima A; Sana S.S.; Jayanthi S.; Samanta A.; Raghavan V.	Anti-Inflammatory Potential of Costus speciosus rhizome Bioactive Phytochemicals: A Combined GC-MS and Computational Approach Targeting TLR-4 Signaling	Current Computer-Aided Drug Design					1.5	10.2174/0115734099309926241007055607
4221	Dhanu M.; Priyadarshini N.; Perumal I.; Suresh G.; Santhamoorthy M.	Enhanced removal of uranium from aqueous solutions using ‘oxygen donor’ enriched graphitic carbon nitride adsorbent	Journal of Radioanalytical and Nuclear Chemistry					1.5	10.1007/s10967-025-10123-0
4222	Aishwarya K.; Lakshmi B.	Investigation of Single Event Upset and Its Mitigation in Hetero Junctionless Tunnel FET SRAM Cell	Iranian Journal of Science and Technology - Transactions of Electrical Engineering					1.5	10.1007/s40998-025-00804-7
4223	Anbu H.K.; Veerasamy K.K.; Ramachandran S.S.; Kothandapani K.; Ganasean S.K.	A Numerical Study on the Seismic Vulnerability of RC Shear Walls With Different Opening Configurations	Advances in Civil Engineering	2025	1			1.5	10.1155/adce/5530780
4224	Bharathy N.; Royal N.V.N.T.; Aravind L.; Rajitha C.; Likhitha D.; Firdous S.; Parthasarathi T.	Chromium-Induced Modulations in the Rhizosphere Fungal Community and Arbuscular Mycorrhizal Colonisation in Amaranthus viridis Roots	International Journal of Agronomy	2025	1			1.5	10.1155/ioa/4671361

4225	Xu R.; Sharma A.K.; Kumar R.; Ahmed Z.; Yokoyama R.; Miwa S.; Suzuki S.; Okamoto K.	Efficient radioactive aerosol removal with the development of water mist pre-injection methods and advanced spray charging system for safe Fukushima Daiichi decommissioning: insights from recent experimental studies in UTARTS facility	Journal of Nuclear Science and Technology					1.5	10.1080/00223131.2025.2495076
4226	Gokul G.; Udhayakumar R.	Non-instantaneous impulsive ψ-Hilfer fractional stochastic system with Rosenblatt process and approximate controllability	Journal of Control and Decision					1.5	10.1080/23307706.2025.2492651
4227	Babu P.D.; Moganraj A.	Development of Yttria-dispersed CoFeNi medium entropy alloy: morphological evolution and magnetic properties	Engineering Research Express	7	2			1.5	10.1088/2631-8695/adc974
4228	Mohan H.M.; Dash S.K.	Energy management with control parameter optimization for a PV/FC/battery islanded DC microgrid	Engineering Research Express	7	2			1.5	10.1088/2631-8695/adcc7f
4229	Muniyappan S.; Behera S.K.; Krishnaiah R.	Establishing ideal CI engine input parameters for optimal engine output characteristics utilizing experimental and optimization techniques for series-hybrid powertrain	Engineering Research Express	7	2			1.5	10.1088/2631-8695/adcf75

4230	Sai Charan G.; Karthik R.; Muktha Sri V.; Kandepi D.S.S.	CoLeafNet: a dual-track deep learning network for classification of nutrient deficiencies in coffee leaves using densenet and efficient multi-scale feature attention network	Engineering Research Express	7	2			1.5	10.1088/2631-8695/add2cf
4231	Sahu D.; Yadav S.; Gupta M.; Agrawal A.; Gupta G.	Fabrication and characterization of surface modified short sisal fibre reinforced polyester composites: an experimental investigation	Engineering Research Express	7	2			1.5	10.1088/2631-8695/add4c1
4232	Fathima Begum M.; Narayan S.	A novel Garson Pruned ELM model with recursive feature selection for healthcare data analysis	Engineering Research Express	7	2			1.5	10.1088/2631-8695/add64a
4233	Vinothini A.; Aswiga R.V.	Transfer learning based deep learning model for classifying tomato plant leaf diseases	Engineering Research Express	7	2			1.5	10.1088/2631-8695/add6f5
4234	Devapriyanga G.; Subashini R.	Fostering innovation in the Southern Indian IT sectors: the mediating role of thriving at work and trust in leader in inclusive leadership	International Journal of Learning and Intellectual Capital	22	1	29	51	1.5	10.1504/IJLIC.2025.146009
4235	Nethra K.; Reddy K.J.; Dash R.; Parida P.K.; Swain S.C.; Dhanamjayulu C.; Mahapatro A.	Refining efficiency in standalone proton exchange membrane fuel cell systems through gross hopper optimization-based maximum power point tracking control	Science and Technology for Energy Transition (STET)	80				1.5	10.2516/stet/2025015

4236	Kannan K.; Arumugam M.; Shukla D.; Swaminathan V.	CDK members and ribosomal proteins, a crucial role players in serous capillary ovarian cancer: Insights from gene expression and protein interaction networks	Indian Journal of Biochemistry and Biophysics	62	5	490	501	1.5	10.56042/ijbb.v62i5.12347
4237	Santhosh M.; Rajan A.J.; Kumar T.S.; Jebaraj A.V.; Kannan B.	Promising Weld Depth of Penetration by Melting Point Depression Through TiO2 Nano-Flux in Activated TIG Welding of Stainless Steel AISI 304L	Transactions of the Indian Institute of Metals	78	7			1.5	10.1007/s12666-025-03639-2
4238	Rajasenbagam T.; Abinaya S.	PCOD Net-Plus: Leveraging Ghost Phantom-Mobile Net and BRCLS Optimization Methods for Advanced Ultrasound-Based PCOD Detection	Iranian Journal of Science and Technology - Transactions of Electrical Engineering					1.5	10.1007/s40998-025-00837-y
4239	Johnsi R.; Kumar G.B.	Enhancing automated essay scoring by leveraging LSTM networks with hyper-parameter tuned word embeddings and fine-tuned LLMs	Engineering Research Express	7	2			1.5	10.1088/2631-8695/adcf74
4240	Chauhan G.; Jakhar S.; Singh P.; Dash S.K.; Kishor M.H.	Meta model approach for real time and short-term forecasting of wind turbine power generation with interactive 24 h dashboard	Engineering Research Express	7	2			1.5	10.1088/2631-8695/add64b

4241	Kumaresh D.; Venkatesan S.	Mechanical and microstructural characterization of the effect of increasing the tool rotational speed on submerged friction stir welded dissimilar Al-Mg alloy	Engineering Research Express	7	2			1.5	10.1088/2631-8695/add668
4242	Pattabiraman K.; Sachin A.; Lokeshkumar R.	Enhancing business intelligence through NLP and contextual AI synergy	Engineering Research Express	7	2			1.5	10.1088/2631-8695/add9e6
4243	Mohana Devi S.; Bagyaveereswaran V.	Innovative approach to lithium-ion battery health monitoring in electric vehicles: adaptive LAPSVM sensor fault diagnosis	Engineering Research Express	7	2			1.5	10.1088/2631-8695/addb0e
4244	Kulathumani G.; Madangarli S.V.; Ullas J.; Agarwal I.; Mary Shamala L.	JIGS: a modular parallel encryption and authentication pipeline for secure messaging	Engineering Research Express	7	2			1.5	10.1088/2631-8695/addd67
4245	Hema S.; Gandhimathi S.N.S.	Unravelling the tapestry of M-learning in English language teaching: a bibliometric analysis	Cogent Education	12	1			1.5	10.1080/2331186X.2025.2521162
4246	Bharathi S.; Prakasam P.	A systematic review on resource allocation, task offloading, and security issues in vehicular fog computing: research challenges and future directions	Engineering Research Express	7	2			1.5	10.1088/2631-8695/add64e

4247	K., Ambika, K.; N., Alzaben, Nada; A.G., Alghamdi, Abdulaziz G.; S., Venkatraman, S.	Integrated geotechnical and remote sensing-based monitoring of unstable slopes for landslide early warning using IoT and sensor networks	Journal of South American Earth Sciences	164				1.5	10.1016/j.jsames.2025.105666
4248	S., Govindarajan, S.; I.V., Asharani, I. V.	A Review on Analytical Methods of Anti-fungal Agents used for the Treatment of Onychomycosis	Current Pharmaceutical Analysis	20	8	713	728	1.5	10.2174/0115734129345132240921114210
4249	M., Johnson, M.; V., Vijayakumar, Velusamy; K., Kwon, Kiwoon	A Note on the Existence and Optimal Control of Atangana?Baleanu Fractional Stochastic Integrodifferential System With Noninstantaneous Impulses	Optimal Control Applications and Methods					1.5	10.1002/oca.70016
4250	M., Sumathi, M.; P., Sathwik, Peddi; K.B.P., Reddy, Karakala Bhanu Prakash; S.S., M, Sai Sreekar; S.P.R., Raja, S. Peter Raj	Machine learning algorithm-based driver drowsiness detection system	International Journal of Intelligent Transportation Systems Research					1.5	10.1007/s13177-025-00530-8

4251	K., Hansen, Klavs; D.A., Garc?a-Hern?ndez, Domingo An?bal; E.E.B., Campbell, Eleanor E. B.; D., Erbahar, Dogan; A., Domaracka, Alicja; C., J?ger, Cornelia; C.P., Ewels, Chris Paul; P., Umek, Polona; S., Kwok, Sun; E., Peeters, Els … S. Suriyaprasanth, Dhanoj Gupta et al.,	Roadmap on carbon molecular nanostructures in space	European Physical Journal D					1.5	10.1140/epjd/s10053-025-00984-1
4252	M., Mohan Raja, Marimuthu; V., Vijayakumar, Velusamy; C., Tsai, Chunwei; K.C., Veluvolu, Kalyana Chakravarthy	Optimal Control Strategies and Continuous Dependence for Stochastic Hilfer Fractional Systems With Delay: A Volterra-Fredholm Integro-Differential Approach	Optimal Control Applications and Methods					1.5	10.1002/oca.70024
4253	A.J., Ashwin, A. J.; J.M., Jafferson, J. M.; J.D., Davidson, Jebaseelan D.	Ceramic deposition additive manufacturing of halloysite nanoclay doped hydroxyapatite composite scaffold; Fabrication additive par d?p?t c?ramique de supports composites d?hydroxyapatite dop?e ? la nanoargile d?halloysite	Canadian Metallurgical Quarterly					1.5	10.1080/00084433.2025.2552054

4254	Kumar, E.; Dhanapal, A.	Optimizing Sustainable Two-Stage Bi-Objective Fixed-Charge 4-Dimensional Transportation Problem under Fermatean Fuzzy Environment	International Journal of Mathematical, Engineering and Management Sciences	10	6	1926	1952	1.5	10.33889/IJMEMS.2025.10.6.089
4255	Dhanush, A.; Vijayakumar, V.	Solvability and Optimal Feedback Control Results for Higher Order Fractional Differential Systems	Journal of Optimization Theory and Applications	208	1			1.5	10.1007/s10957-025-02862-7
4256	Inamdar, J.J.; Annapoorani, K.I.	Voltage Quality Analysis using Dynamic Voltage Restorer Based on Non-Linear Control Algorithms	International Journal of Mathematical, Engineering and Management Sciences	10	6	1824	1859	1.5	10.33889/IJMEMS.2025.10.6.085
4257	Choudhury, B.; Maiti, B.; Balamurali, M.M.; Chanda, K.	A comprehensive review of synthetic methods for four-membered strained ring systems: azetidine, thiazetidine and oxazetidine	Tetrahedron Letters	173				1.5	10.1016/j.tetlet.2025.155833
4258	Kirthiga, R.; Hariny, S.; Javad, R.; Elavenil, S.	Surface crack detection on strengthened concrete beams using digital image processing; Detecci?n de fisuras superficiales en vigas de hormig?n reforzado mediante procesamiento de im?genes digitales	Materiales de Construccion	75	358			1.5	10.3989/mc.2025.380024
4259	Chakraborty, A.; Saxena, R.S.; Singh, I.; Kaur, J.; Kaur, R.; Kalia, R.; Bhavani, D.D.	Defected Ground Structure (DGS) Based MIMO Antenna Array With Decent Isolation Characteristics for Satellite Communications in Unified S-Band (USB)	Radio Science	60	11			1.5	10.1029/2025RS008379

4260	Basu, A.; Nath, A.; Das, S.; Pandey, A.; Agrawal, A.; Hooda, P.; Nayak, C.	Modified topological photonic crystal	European Physical Journal D	79	11			1.5	10.1140/epjd/s10053-025-01079-7
4261	Guruguntla, V.; Yuvaraju, B.A.G.; Bhaskara Rao, T.S.S.B.	Optimized multi-body modelling of automobile drivers for analysing biodynamic responses and ride comfort under whole-body vibration	Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering					1.5	10.1177/09544070251384691
4262	Panda, A.; Panigrahi, B.K.; Pati, S.; Mohanty, S.G.; Kaja, K.R.	Upcycled waste-derived triboelectric nanogenerator for sustainable energy harvesting	Journal of Metals, Materials and Minerals	35	4			1.5	10.55713/jmmm.v35i4.2474
4263	Pain, R.; Dalui, S.; Sardar, S.; Bandyopadhyay, A.	Ion-acoustic waves and stability analysis in magnetized dusty plasma with combined Kappa?Cairns-distributed electrons	European Physical Journal D	79	11			1.5	10.1140/epjd/s10053-025-01088-6
4264	Pradeep, P.; Kamalakannan, K.	Deep machine learning methods for Parkinson?s disease diagnosis: a new direction in decision-making systems	International Journal of Neuroscience					1.5	10.1080/00207454.2025.2573458
4265	Gokul Thilaak, P.; Malathi, G.; Thiagarajan, D.	mModPoEs: Multimodal posture estimation and feedback-driven correction of load-bearing human movements using wearable sensors and computer vision	Journal of Orthopaedics	73		101	109	1.5	10.1016/j.jor.2025.12.024

4266	Murugesan, M.; Tamilarasan, K.; Arockiam, A.R.; A.K.; K.P.; Rajendran, K.; Gopu, G.; Sivakumar, S.; J.P.; Anandhan, A.	Photocatalytic Activity of Room Temperature Prepared Sol-Gel Spin-Coated Anorthic Magn?li Phase (Ti4O7) Thin Films	Transactions of the Indian Ceramic Society					1.5	10.1080/0371750X.2025.2552480
4267	Irshad C.V.; Behera D.K.; Dash U.	Unveiling Cognitive Health Disparities: A Gender Perspective on Aging in India	Experimental Aging Research					1.4	10.1080/0361073X.2024.2448099
4268	Thomas H.; Kumar A.A.; Kaleemulla S.; Reddy V.R.	Influence of substrate temperature on the electrical and photovoltaic properties of V2O5 modified n-Ge heterojunction	Solid-State Electronics	225				1.4	10.1016/j.sse.2025.109074
4269	Reddy V C.; Srivatsa K.; Vajpai N.; R G.; Upadhya A.; Srivastava A.; B P S.; Tetala K.K.R.; Kumar A.; Hazra P.	Simplified purification process of AsnB3 deamidated insulin variant and its comparison with human insulin	Protein Expression and Purification	229				1.4	10.1016/j.pep.2025.106665
4270	Sharma N.; Sultana H.P.	Greedy agent detection in wireless local area network using image segmentation approach	Sadhana - Academy Proceedings in Engineering Sciences	50	1			1.4	10.1007/s12046-025-02672-7
4271	Rajamurugan G.; Goyal V.K.; Ghosh P.K.	Outcome of pulse current parameters on the mechanical and metallurgical characteristics of P-GMA welded AA5086 alloy	Sadhana - Academy Proceedings in Engineering Sciences	50	1			1.4	10.1007/s12046-025-02680-7

4272	MUSTHAFA B.; SARAVANAN B.; Senthur PRABU S.; Asokan M.A.; SUJAI S.	Effect of lower rate of exhaust gas recirculation on CI engine characteristics fueled with Prosopis juliflora biodiesel: An experimental study	Journal of Thermal Engineering	11	1	16	24	1.4	10.14744/thermal.0000900
4273	Rai J.K.; Choudhary D.K.; Ranjan P.; Chowdhury R.	A compact ultrawide bandpass filter along notch characteristics with rectangular resonator through a machine learning approach	International Journal of Microwave and Wireless Technologies					1.4	10.1017/S1759078725000029
4274	Raja S.; Rajan Amaladas J.	Selection of polymer extrusion parameters by factorial experimental design-A decision making model	Scientia Iranica	31	20	1857	1865	1.4	10.24200/sci.2023.60096.6591
4275	Ravi J.; Ponnusami A.B.	Microbial fuel cells for sustainable bioelectricity: combined effects of pH, electrode spacing, and external resistance for tannery wastewater using RSM optimization	Sadhana - Academy Proceedings in Engineering Sciences	50	1			1.4	10.1007/s12046-025-02675-4
4276	Rajasekar P.; Jayalakshmi M.	Enhanced opposition-based electric eel foraging optimization for global optimization and engineering problems	OPSEARCH					1.4	10.1007/s12597-025-00908-y
4277	Sarma D.; Das A.; Bera U.K.	A transportation model minimizing total cost and time in disaster struck zone for debris removal under a mixed neutrosophic environment	OPSEARCH					1.4	10.1007/s12597-025-00912-2

4278	Khatri J.; Prasad A.K.	E-LU-pareto solutions for semi-infinite programs with multiple intervals	OPSEARCH					1.4	10.1007/s12597-025-00917-x
4279	Ishwarya S.A.; Bhatia R.	Numerical Solution of Gardner Equation via Differential Quadrature Method with Crank-Nicolson and SSP-RK43 Schemes	Journal of Nonlinear Mathematical Physics	32	1			1.4	10.1007/s44198-025-00265-w
4280	Chambial S.; Pandey T.; Budhia R.; Tripathy B.; Tripathy A.	Unlocking the potential of deepfake generation and detection with a hybrid approach	International Journal of Computational Science and Engineering	28	2	151	165	1.4	10.1504/IJCSE.2025.144802
4281	Meenakshi M.; Gowrisankar A.; Cao J.; Natarajan P.	Fractal dimension approach on climate analysis of India	Mathematical Modelling and Control	5	1	15	30	1.4	10.3934/mmc.2025002
4282	Kanekal D.; Ravichandran V.; Shukla P.; Jindal S.K.; Sahoo S.P.	Finite element and circuit modeling of SiC MEMS multi-turn piezoresistive sensor device for reliable high-pressure sensing in hostile environments	World Journal of Engineering					1.4	10.1108/WJE-08-2024-0458
4283	Haripriya M.; Manivannan A.; Dhanasekar S.; Lakshmanan S.	Finite-time synchronization of delayed complex dynamical networks via sampled-data controller	Mathematical Modelling and Control	5	1	73	84	1.4	10.3934/mmc.2025006
4284	Aarif K. O. M.; Alam A.; Hotak Y.	Smart Sensor Technologies Shaping the Future of Precision Agriculture: Recent Advances and Future Outlooks	Journal of Sensors	2025	1			1.4	10.1155/js/2460098

4285	Pal S.; Mukherjee S.; Bandyopadhyay A.K.; Pal P.G.	Solid solution interaction of spinel-alumina and its retention during sintering of stoichiometric magnesium aluminate spinel in presence of α-alumina	Sadhana - Academy Proceedings in Engineering Sciences	50	2			1.4	10.1007/s12046-025-02688-z
4286	Kumari N.A.; Upadhyay A.K.; Vijayvargiya V.; Singh G.; Beohar A.; Prithvi P.	An efficient temperature dependent compact model for nanosheet FET for neuromorphic computing circuit	Solid-State Electronics	227				1.4	10.1016/j.sse.2025.109096
4287	Revathi S.; Sundararajan M.; Rajabathar J.; Sheela R.; Sudharshan A.; Ramachandran S.; Shyamala A.; Al-Lohedan H.A.; Malarvizhi N.; Yuvaraj S.	Investigation on structural and nonlinear optical properties of Al and Cu doped ZnFe2O4 nanoparticles	AIP Advances	15	4			1.4	10.1063/5.0243118
4288	Eswaran R.; Jagadeesh Kumar M.S.	Heat transfer of ternary hybrid nanofluids in a rotating semi-permeable channel with melting and injection/suction	AIP Advances	15	3			1.4	10.1063/5.0249907
4289	Rajeswari M.P.; De P.	Contour analysis for entropy generation in stagnation point of EMHD tangent hyperbolic nanofluid over dual stratified porous stretching sheet	World Journal of Engineering					1.4	10.1108/WJE-11-2024-0638

4290	Dar Z.M.; Arrutselvi M.; Muthusamy C.; Natarajan S.; Manzini G.	Virtual element approximations of the time-fractional nonlinear convection-diffusion equation on polygonal meshes	Mathematics in Engineering	7	2	96	129	1.4	10.3934/mine.2025005
4291	Pregina K.; Kannan M.R.	A graphical evaluation and review technique for scheduling construction projects	Journal of Scheduling					1.4	10.1007/s10951-024-00832-x
4292	Kaspar K.; Kaliyaperumal P.	Optimizing Automotive LogisticsUsing MCGDM: A Data-Driven Approach to the Selection of Warehouse Location With Octagonal Neutrosophic Application	Advances in Fuzzy Systems	2024				1.4	10.1155/adfs/7672845
4293	R R.; Lakshminarayana P.	Electroosmotic and diffusion impacts on thermal behavior and peristaltic flow of Casson nanofluid in an uneven tapered porous channel	World Journal of Engineering					1.4	10.1108/WJE-01-2025-0050
4294	Roshan T.; Ghosh S.; Kumar S.	Numerical study of anthroponotic cutaneous leishmaniasis model with conformable and β-conformable derivatives	Sadhana - Academy Proceedings in Engineering Sciences	50	2			1.4	10.1007/s12046-025-02747-5
4295	Balakrishna K.; Rao A.N.	Advancing brain tumor detection and classification in Low-Dose CT images using the innovative multi-layered deep neural network model	Technology and health care : official journal of the European Society for Engineering and Medicine	33	3	1199	1220	1.4	10.1177/09287329241302558

4296	Nandhini S.; Poruran S.; Devarajan S.	Network Security and Privacy Protection in Cyberattacks With Asynchronous Reinforcement Federated Learning With Task Offloading: Decentralized Real-Time Iteration Approach	Journal of Sensors	2025	1			1.4	10.1155/js/3369587
4297	Naveen Venkatesh S.; Srivatsan B.; Sugumaran V.; Ravikumar K.N.; Kumar H.; Mahamuni V.S.	Transfer Learning-Based Fault Diagnosis of Internal Combustion (IC) Engine Gearbox Using Radar Plots	Journal of Sensors	2024	1			1.4	10.1155/js/8869808
4298	Rahman A.; Kundu A.; Banerjee S.	IQ-RRT*: a path planning algorithm based on informed-RRT* and quick-RRT*	International Journal of Computational Science and Engineering	28	3	303	313	1.4	10.1504/IJCSE.2025.146087
4299	Tiwari S.K.; Barnwal V.K.; Pande S.; Bobade S.M.	Effect of selective laser sintering and pressure-less casting methods on mechanical and physical properties of Al2O3/PA12 nano-composite	Sadhana - Academy Proceedings in Engineering Sciences	50	2			1.4	10.1007/s12046-025-02777-z
4300	Sreenivasulu P.; Poornima T.; Ragavi M.; Vinothkumar B.; Rao A.S.; Bég O.A.; Bég T.A.	Computation of casson non-newtonian thermo-magnetic SWCNT/MWCNT-based hybrid nanofluid coating flow from a cylinder with multiple slip and radiative flux effects	International Journal of Computational Materials Science and Engineering					1.4	10.1142/S2047684125500186

4301	Meenakshi M.; Bhaskar R.; Kumar S.K.A.; Kumar R.S.	A Concise Review on Magnetic Nanoparticles: Their Properties, Types, Synthetic Methods, and Current Trending Applications	Current Nanoscience	21	1	2	17	1.4	10.2174/0115734137271993231109174718
4302	Lakshmi Priya G.; Jena B.; Keerthana M.S.; Priyanka K.	Low-Power Design of Fully Digital BPSK Modulator and Demodulator Utilizing Nanoscale FinFET for Smart Implants	Current Nanoscience					1.4	10.2174/0115734137343365241122102200
4303	S.K., Suddarsi, Sasi Kiran; S., Moparthi, Sandeep; null; null; null; null; G.K., Saramekala, Gopi Krishna	Implementation and analysis of axon hillock neuron circuits using 28 nm FD-SOI MOSFET: original design and modifications	Analog Integrated Circuits and Signal Processing	124	3			1.4	10.1007/s10470-025-02464-3
4304	G., Swathi, Gundala; A.J., Reddy, Avulapalli Jayaram	Enhanced authentication framework for data owner and data sharing in a cloud storage environment	International Journal of System Assurance Engineering and Management					1.4	10.1007/s13198-025-02877-3
4305	M., Khan, Mujahid; A., Haq, Abdul	A-Statistical Approximation by Lupas (p, q)-Bernstein-Kantorovich Operators based on Jackson and Riemann type Integrals for 1=q	Iranian Journal of Science					1.4	10.1007/s40995-025-01846-6

4306	C.R., Vinutha, C. Ruth; n.S.P., Subathra, null S.P.; T.S., George, Thomas S.; G., Peter, Geno; A.A., Stonier, Albert Alexander; N.J., Sairamya, Nanjappan Jothiraj; J., Prasanna, J.; V., Ganji, Vivekananda	Automatic Epilepsy Seizure Classification Using EEG Signals Based on the CNN-LSTM Model	IET Signal Processing	2025	1			1.4	10.1049/sil2/7543401
4307	K., Saranya, K.; M., Murugesan, Malathi	Rubidium titanium halide perovskites for inorganic, lead-free solar cell applications: a study from materials to devices	Phase Transitions					1.4	10.1080/01411594.2025.2530598
4308	R., Manigandan, R.; A.S., Priya, A. Shakti; R., Supriya, R.; V., Balaji, Vaishnavi; V., Sasirekha, V.	Organisational learning culture as a catalyst for teamwork effectiveness: a serial mediation study in IT firms in India	International Journal of Learning and Intellectual Capital	22	2	168	199	1.4	10.1504/IJLIC.2025.147342
4309	S., Mahapatra, Sitesh; A., Das, Anshuman; S., Roy, Soumikh; P.C., Jena, Pankaj Charan; M.N., Babu, M. Naresh; S.R., Das, S. R.	Hard turning of AISI H13 steel with AlTiSiN coated carbide tool using MWCNT based nanofluid under minimum quantity lubrication: experimental investigation and sustainability assessment	Sadhana - Academy Proceedings in Engineering Sciences					1.4	10.1007/s12046-025-02855-2

4310	A., Bhaskar, Amit; A., Kashyap, Abhishek; O.J., Shukla, Om Ji; R., Kumar, Rupesh; A., Singh, Anurag; S.S., Oberoi, Sarbjit Singh	A bibliometric analysis of research papers on digital twin-enabled smart manufacturing in industry 4.0 focusing on local citation scores	International Journal of System Assurance Engineering and Management					1.4	10.1007/s13198-025-02887-1
4311	N., Sridhar, N.; K.S., Kumar, K. Sathish	Integrated Control of Hybrid PV-Wind Energy Systems Using Crayfish-Optimized Neuro-Fuzzy Inference and a Trans Z-Source QSEPIC Converter	Iranian Journal of Science and Technology - Transactions of Electrical Engineering					1.4	10.1007/s40998-025-00873-8
4312	S., Nagarajan, Sreenivasaraja; K., Marimuthu, Kathiresan; P., Shanmugam, Prashanth; M.P., Chinnasamy, Mogana Priya	Fabrication, characterization and mechanical behaviour of Tamarindus indica fruit fibre-reinforced polymer composites	Polimeros					1.4	10.1590/0104-1428.20240122
4313	N., Shankar Ganesh, N.; G., Uma Maheswari, G.; T., Srinivas, Tangellapalli; B.V., Reddy, Bale Viswanadha	Exergoenvironmental investigation on low-temperature power generation system	Sadhana - Academy Proceedings in Engineering Sciences					1.4	10.1007/s12046-025-02802-1
4314	N., Katal, Nitish; A., Kumar, Akhil	DeepSeaNet-YOLO: Towards an Accurate Deep Learning Method for Trash Detection in Deep Sea Imagery	Marine Geodesy					1.4	10.1080/01490419.2025.2555553

4315	R., Biswas, Rhitam; A., Anbarasu, Anand	Identification of novel zinc-binding inhibitors against key microbial metallohydrolase DapE in Klebsiella pneumoniae: An integrated ligand-based virtual screening, molecular docking, molecular dynamics, and MM/PBSA approach	Integrative Biology					1.4	10.1093/intbio/zyaf018
4316	B., Sreelakshmi, B.; R.M., Thamankar, Ramesh M.	Ionic sensing using natural indigo molecules and its impact on inhibitory and excitatory postsynaptic currents in an artificial synaptic device	AIP Advances					1.4	10.1063/5.0278943
4317	Kummara, S.P.; Kumar, S.N.	Assessment of compressive bond performance of steel rebars in precast concrete	Sadhana - Academy Proceedings in Engineering Sciences	50	3			1.4	10.1007/s12046-025-02823-w
4318	Dinesan, D.; John, B.	Conjugate Heat Transfer Analysis of Mach 2.5 Flow over a Cylindrical Dome with Surface Arc Plasma Actuator Flow Control	International Journal of Aeronautical and Space Sciences					1.4	10.1007/s42405-025-01055-w
4319	Aravind, S.S.V.D.S.; Avinash, V.; Mahesh, M.; Goutham, V.	FPGA based user pairing scheme for NOMA based on transmission requirements of devices in IEEE 802.11ah based IoT networks	Sadhana - Academy Proceedings in Engineering Sciences	50	4			1.4	10.1007/s12046-025-02962-0

4320	G, H.K.; Bhowmick, A.; Thakre, K.; Choukiker, Y.K.	Miniaturization of patch antenna with bandwidth and gain enhancement using coplanar parasitic, reactive impedance, and partially reflecting surfaces for sub-6GHz 5G applications	Analog Integrated Circuits and Signal Processing	125	3			1.4	10.1007/s10470-025-02499-6
4321	Kaspar, K.; Palanivel, P.	Single-valued neutrosophic sets for enhanced evaluation of IT roadmaps: a hybrid neutrosophic multi-criteria decision-making (MCDM) model for the IT industry	International Journal of System Assurance Engineering and Management					1.4	10.1007/s13198-025-02969-0
4322	Srirangan, P.; Shyam, M.; Radhakrishnan, V.; Ghosh, S.S.; Sabina, S.E.	Therapeutic potential of esculetin in attenuating kidney and heart damage caused by cyclophosphamide: insights into NRF2 activation and NLRP3 inhibition	Molecular and Cellular Toxicology					1.4	10.1007/s13273-025-00579-2
4323	Jagadeeswari, S.; Shekhar, S.K.	Exploring the nexus of employee engagement, affective commitment, job satisfaction, and organisational citizenship behaviour in leather industries: an attitudinal theory perspective	International Journal of Learning and Intellectual Capital	22	3	255	276	1.4	10.1504/IJLIC.2025.149669
4324	Singh, A.; Das, A.; Biswas, S.; Senapati, T.; Kumar Bera, U.K.	An artificial neural network-based transportation problem in hilly areas considering geographical obstacles	International Journal of System Assurance Engineering and Management					1.4	10.1007/s13198-025-03044-4

4325	Devi, C.N.; Chandrasekharan, A.; Sundararaman, V.K.; Alex, Z.C.	AutoNeoSeg: automatic atlas-free segmentation of neonatal brain MRI	Sadhana - Academy Proceedings in Engineering Sciences	50	4			1.4	10.1007/s12046-025-02955-z
4326	Saravanan, B.; MUSTHAFA, B.; Syed Sadiq Nawaz, I.; Asokan, M.A.; Prathiba, S.; Senthur prabu, S.S.	Cetane-enhancing additives on a modified piston-top CI engine fueled by Ceiba pentandra biodiesel: a method using RSM optimization	Petroleum Science and Technology					1.4	10.1080/10916466.2025.2576037
4327	Muthuvel, K.; Sivaraj, C.; Gandhi, T.	Heterobenzylic C(sp 3)-H Acylation of Isoindolinones via Photoinduced Intermolecular Hydrogen Atom Transfer Strategy	Synlett					1.4	10.1055/a-2705-8764
4328	Pratap, S.; Das, R.R.; Thomas, S.B.; Sona, D.R.; Akash, K.	Coinmeter: a real-time digital asset analysis platform for data-driven investment decisions utilizing advanced visualization technologies	International Journal of System Assurance Engineering and Management					1.4	10.1007/s13198-025-03036-4
4329	Venkatraman, S.; Mohan, V.; Alabdulkreem, E.; Miled, A.B.; Abdul Sattar, K.N.A.; Garg, S.	Marine Debris Assessment Post-Hurricane Using Remote Sensing and Machine Learning Techniques	Ocean Science Journal	60	4			1.4	10.1007/s12601-025-00241-x
4330	Charles, D.A.; Kumar, G.; Nisar, N.T.; Velu, S.; Sabina, S.E.	AI-driven innovations in vaccine development for human metapneumovirus	Future Virology	20	10	415	428	1.4	10.1080/17460794.2025.2580198

4331	Kolasseri, A.E.; Tamizhselvi, R.; Jayanthi, S.	Decoding the Methylome: Insights into the Epigenetic Regulation of Polycystic Ovarian Syndrome through Mitochondrial DNA Methylation	Current Genomics					1.4	10.2174/0113892029401274251009070350
4332	Meka, N.; Shambavi, K.	Design of conformal dual stop band frequency selective surface for microwave applications	Physics Open	26				1.4	10.1016/j.physo.2025.100352
4333	Bahukhandi, R.; Arya, K.	Non-linear Oscillations of a Hyperelastic Cylindrical Tube Through Lie Point Symmetry	Journal of Elasticity	158	1			1.4	10.1007/s10659-025-10169-x
4334	Roy, A.K.; Debnath, S.; Beg, O.A.; B?g, T.A.	Unsteady Taylor?Aris dispersion in a Jeffery viscoelastic blood flow model with wall absorption	Journal of Engineering Mathematics	156	1			1.4	10.1007/s10665-025-10498-9
4335	Shaik, A.S.; Karsh, R.K.; Islam, M.; Kiran Pandiri, D.N.K.	Inception-ResNet-v2 Siamese Network-Based Image Hashing Technique for Tampering Detection	Iranian Journal of Science and Technology - Transactions of Electrical Engineering					1.4	10.1007/s40998-025-00937-9
4336	Gajalakshmi, P.; Elavarasi, R.; Angalaeswari, S.; Nithya, G.	Multi-Source Renewable Energy System with Coupled Inductor Quadratic Zeta-Luo Converter and ESOA-PI Controller for Efficient Power Conversion and Grid Integration	Iranian Journal of Science and Technology - Transactions of Electrical Engineering					1.4	10.1007/s40998-025-00972-6
4337	Tamilselvan, S.; Saravana Kumar, R.; Murugapandin, P.; Loganathan, L.	FPGA Implementation of Enhanced Intelligent Signal Processing System for Depression	IET Signal Processing	2025	1			1.4	10.1049/sil2/4332337

4338	Naga Priyadarsini R., Tyagi B., Harsath B.R., Vinoth Kannan R.	Blockchain-Based Electronic Health Record System	IETE Journal of Research					1.3	10.1080/03772063.2025.2451060
4339	Sandhiya M., Vijayachamundeeswari S.P.	Sol–gel biosynthesis and portrayal of nickel nanocores for biomaterial applications	Phase Transitions					1.3	10.1080/01411594.2024.2448732
4340	Thilagam N.B.S., Karthik V.P., Gnanasambandan R., Sowmya C.	A Comprehensive Review on Current Knowledge and Future Potential of Topical Therapies in Breast Cancer Treatment	European Journal of Breast Health	21	1	9	15	1.3	10.4274/ejbh.galenos.2024.2024-9-9
4341	Chaudhari V.; Buch J.; Mathur R.; Pathak S.K.	Design, development and testing of IF section for FMCW reflectometry diagnostics for tokamaks	Journal of Instrumentation	20	2			1.3	10.1088/1748-0221/20/02/P02001
4342	Dağ İ.E.; Avar B.; Panigrahi M.; Gündeş A.; Şimşek T.; Rajendrachari S.	Evaluation of the Microstructural, Mechanical, and Corrosion Behavior of BN-, B4C-, and FeB-added Distaloy AE Composites Produced by High-Energy Ball Milling and Hot-Pressing	Metallography, Microstructure, and Analysis					1.3	10.1007/s13632-025-01169-3
4343	Raghav P.; Rai T.	A phenomenological perspective of science diplomacy of India and assessing STI policies	Cogent Social Sciences	11	1			1.3	10.1080/23311886.2024.2426260
4344	Alshraim A.; Rahman S.; Al-Gawati M.; Grace A.N.; Alodhayb A.N.	Investigating a quartz crystal microbalance sensor functionalized with MXene-Cu/Cu2O/C nanocomposites for glucose detection	International Journal of Electrochemical Science	20	5			1.3	10.1016/j.ijoes.2025.100980

4345	Anand M.V.; Krishnamurthy A.; Kannan A.; Govindarajan N.	Secure Routing in Mobile Ad Hoc Networks with Hybrid Tasmanian Gazelle Optimization	IETE Journal of Research					1.3	10.1080/03772063.2025.2466683
4346	S D.; Raja Sree T.	Wearable Device for the Detection of COVID19 using Internet of Things	IETE Journal of Research					1.3	10.1080/03772063.2025.2469629
4347	Majumder T.; Debbarma S.; Chakraborty U.; Dasgupta S.; Das N.; Bhattacharjee A.	On the Thermal Dependency of Electrical Properties Between MoS2 and WS2-Based 2-D MOSFETs	IETE Journal of Research					1.3	10.1080/03772063.2025.2473536
4348	Pusparani Y.; Lin C.-Y.; Jan Y.-K.; Lin F.-Y.; Liau B.-Y.; Alex J.S.R.; Aparajeeta J.; Chao W.-H.; Lung C.-W.	Hippocampal volume asymmetry in Alzheimer disease: A systematic review and meta-analysis	Medicine (United States)	104	10	e41662		1.3	10.1097/MD.0000000000041662
4349	Chockalingam D.; Chandrasekaran R.	Fungicidal efficacy assessment of synthesized Monochloro Benalaxyl	Egyptian Journal of Botany	65	2	119	128	1.3	10.21608/ejbo.2024.324783.3029
4350	Santhosh N.; Subramanyam Reddy A.; Sivaraj R.; Rushi Kumar B.	Analyzing thermal performance of nanofluids in an inclined square enclosure with quadratic natural convection: applications in solar energy and electronic cooling	Fluid Dynamics Research	57	2			1.3	10.1088/1873-7005/adc8cd
4351	Leeban Moses M.; Ramkumar Raja M.; Perarasi T.; Rani Sona D.	Constitutive Artificial Neural Network-Based Routing for Efficient Data Transmission in Wireless Sensor Networks	IETE Journal of Research					1.3	10.1080/03772063.2025.2486579
4352	Mohankumar V.; Anbalagan S.	A benchmark dataset and ensemble YOLO method for enhanced underwater fish detection	ETRI Journal					1.3	10.4218/etrij.2024-0383

4353	Hatwar S.; Thangaraj Y.; Vishnumoorthy S.	Addressing Imbalance in Poverty Classification: A SMOTE-Enabled Statistical Analysis Approach	Journal of Mathematics	2025	1			1.3	10.1155/jom/5357997
4354	Murugusundaramoorthy G.; Vijaya K.; Purohit S.D.; Shyamsunder; Suthar D.L.	Initial Coefficient Estimates for Bi-Univalent Functions Related to Generalized Telephone Numbers	Journal of Mathematics	2024	1			1.3	10.1155/jom/6006272
4355	Puchakayala S.J.; T. A.B.; Ravikumar A.; Sriraman H.	Nomad Analytix: Text-rich visual reasoning using vision models for insights and recommendations	Software Impacts	24				1.3	10.1016/j.simpa.2025.100765
4356	Sujatha Priyadharshini A.; Arvind C.; Karthikeyan M.	Gain-Enhanced Epsilon Negative Metamaterial-Based Super-Substrate CPW-fed Patch Antennas for Wireless Applications	IETE Journal of Research					1.3	10.1080/03772063.2025.2487626
4357	Mathavavisakan N.M.; Indhira K.; Haghighi A.M.	Swarm based Heuristic Optimization of the Recurrent Customers and Standby Server Under General Retrial Times	International Journal of Mathematical, Engineering and Management Sciences	10	4	931	964	1.3	10.33889/IJMEMS.2025.10.4.045
4358	Atta S.; Singh M.K.; Kumar K.V.A.N.P.S.; Yadav D.P.; Dash S.; Mathew A.T.; NarendraKumar U.	Development of cylindrical magnetron sputtering apparatus for large area TiN thin film coatings	Review of Scientific Instruments	96	5			1.3	10.1063/5.0213682
4359	Perarasi T.; Rani Sona D.; Leeban Moses M.; Ramkumar Raja M.	Optimal Hybrid Quantum-Classical Convolutional Neural Network for Efficient 5G Network Slicing	IETE Journal of Research					1.3	10.1080/03772063.2025.2476746

4360	Ashok G.L.P.; Veerendra Nath G.; Kumar R.; Neelapu B.C.	Compact Decagonal Shaped UWB Antenna for Breast Cancer Detection	IETE Journal of Research					1.3	10.1080/03772063.2025.2512048
4361	Suryawanshi A.; Behera N.; Deng T.	INFLUENTIAL FACTORS ON MEASUREMENTS OF THE TRIBOLOGICAL PROPERTIES OF DENTAL COMPOSITE MATERIALS IN EVALUATION USING A PIN-ON-DISK TRIBOMETER: A REVIEW	Nanoscience and Technology	16	3	77	105	1.3	10.1615/NanoSciTechnolIntJ.2024054100
4362	Vathsan S.M.S.; Prakash P.; Kasthuri P.; Sasithradevi A.	Link range optimisation for detection methods under scintillation effects on FSO system	Opto-Electronics Review	33	2			1.3	10.24425/opelre.2025.154745
4363	Erannagari S.; Reddy D.M.	An Experimental Investigation of Natural-fibre/Rubber Reinforced Bio-composites under Low-velocity Impact Analysis	Periodica Polytechnica Mechanical Engineering	69	2	129	135	1.3	10.3311/PPme.39914
4364	Murugan P.; Mani P.	THRESHOLD DYNAMICS OF TIME-DELAY IN HIV INFECTION MODEL WITH IMMUNE IMPAIRMENT	Discrete and Continuous Dynamical Systems - Series S	18	9	2356	2378	1.3	10.3934/dcdss.2024066
4365	Panda S.K.; Vijayakumar V.; Agarwal R.P.; Rasham T.	FRACTIONAL-ORDER COMPLEX-VALUED NEURAL NETWORKS: STABILITY RESULTS, NUMERICAL SIMULATIONS AND APPLICATION TO GAME-THEORETICAL DECISION MAKING	Discrete and Continuous Dynamical Systems - Series S	18	9	2622	2643	1.3	10.3934/dcdss.2025071

4366	T.G., Shaba, Timilehin Gideon; S., Yal&#65533;in, Sibel; G., Murugusundaramoorthy, Gangadharan; M., Darus, M.	Certain Subclasses of Bi-univalent Functions Associated with (u, v)-Chebyshev Polynomials	Applied Mathematics	40	2	429	442	1.3	10.1007/s11766-025-4617-y
4367	A., Chakraborty, Avishek; R.S., Saxena, Ravi Shankar; I., Singh, Indrasen; A., Rajiv, Asha; J., Mgm, Johar; N., Prashar, Navdeep; A., Singh, Ashish; S.K., Shah, Sanjeev Kumar; J., Bansal, Jyoti; A.S., Abdalrazzaq, Alaa Salim	Radiation pattern synthesis of smart fourth dimensional beamforming antenna arrays using optimally splitting pulses	International Journal of Microwave and Wireless Technologies					1.3	10.1017/S175907872510158X
4368	A., Khairwa, Anshul; A.K., Thangavelu, Arun Kumar	Trajectory Smoothing and Transition Prediction-Based Person Identification and Tracking in Surveillance Video Using MFBFDP	IETE Journal of Research					1.3	10.1080/03772063.2025.2523422
4369	A.K., Kumar Sahoo, Akshya Kumar; P., Parida, Priyadarsan; M.K., Panda, Manoj Kumar; C., Nayak, Chittaranjan; N., Mohankumar, N.	DeepRetinaNet: An Automated AI-Based Framework for Retinal Disease Diagnosis	IEEE Latin America Transactions	23	8	718	728	1.3	10.1109/TLA.2025.11072496

4370	H.K., Anbu, Hemanth Kumar; P., Udhayanithi, P.; K., Karthikeyan, Kothandapani; M., SenthilPandian, M.	Enhancing impact resistance of concrete slabs	Advances in Science and Technology Research Journal	19	8	30	43	1.3	10.12913/22998624/204679
4371	K., Sri Takshara, K.; B., Gopalakrishnan, Bhuvaneswari	The role of death technologies in grief: an interdisciplinary examination of AI, cognition, and human expression	Frontiers in Human Dynamics	7				1.3	10.3389/fhumd.2025.1582914
4372	A.S., Priya, A. Shakti; B.P., Christopher, B. Prabu	Exploring the role of organisational learning culture in the relationship between teamwork self-efficacy and employee satisfaction: Insights from the Indian IT sector across generations ◆ an application of PLS predict	Intangible Capital	21	2	265	289	1.3	10.3926/ic.3171
4373	R., Marappan, Raja; S., Mhapankar, Siddhant	Analysis of Smart Walking Sticks for Visually Impaired People	National Academy Science Letters					1.3	10.1007/s40009-025-01712-4
4374	A.A.S., Aliar, Ahamed Ali Samsu; D., Jeyaraj, Deepa; R.P., Krishnamoorthy Pakkirisamy, Rama Prabha; J.S., Arul Dhas, Jerrin Simla	Low-Complexity Elliptic Galois Cryptography-Based Secure Data Integrity Verification Scheme for Cloud Storage	IETE Journal of Research					1.3	10.1080/03772063.2025.2505113

4375	P.N.A.D., Renai, P. Noah Antony Daniel; R., Santiago, Roy; M.N., Husin, Mohamad Nazri	On Shannon?s Strategy of Computing Degree Based Entropy Measures for Melamine Cyanuric Acid Molecular Structure	Malaysian Journal of Mathematical Sciences					1.3	10.47836/mjms.19.1.13
4376	G., Kuriachan, Geethu; A., Parthiban, Angamuthu	On Graph Entropy Measures Based on the Number of Dominating and Power Dominating Sets	Malaysian Journal of Mathematical Sciences					1.3	10.47836/mjms.19.1.14
4377	I.R., Silviya, I. R.; K., Muthunagai, K.	Inverse Coefficient Bounds for Bounded Turning Functions in the Cardioid Domain	Malaysian Journal of Mathematical Sciences					1.3	10.47836/mjms.19.2.16
4378	S.U., Al-Sa?di, Sa?ud U.; K., Vijaya, Kaliyappan; G., Murugusundaramoorthy, Gangadharan	Bi-Starlike Function of Complex Order Involving Rabotnov Function Associated With Telephone Numbers	Journal of Mathematics					1.3	10.1155/jom/1256437
4379	B., Venkateswarlu, Bhumavarapu; S., Joo, Sang-woo; P.V., Satya Narayana, P. V.; A.S.M., Metwally, Ahmed Sayed Mohammed	Hall-influenced 3D rotating flow of MHD ([GO-MoS2/Na-Alg]h) hybrid nanofluid over an expanding surface with activation energy	International Journal of Computer Mathematics					1.3	10.1080/00207160.2025.2556119
4380	K., Manna, Kalyan; S., Pal, Swadesh; M., Banerjee, Malay	EFFECTS OF SPATIOTEMPORAL, TEMPORAL AND SPATIAL NONLOCAL PREY COMPETITIONS ON POPULATION DISTRIBUTIONS FOR A PREY-PREDATOR SYSTEM WITH GENERALIST PREDATION	Discrete and Continuous Dynamical Systems - Series B					1.3	10.3934/dcdsb.2025106

4381	S., Pandian, Shoba; N., Mohana, N.	Vertex Vulnerability in Wrapped Butterfly Network	Malaysian Journal of Mathematical Sciences					1.3	10.47836/mjms.19.2.06
4382	Y., Selvaraj, Yoganand; B., Nagarajan, Balaji; A.A., Rajeswaran, Arumuga Arun; K., Adaikkan, Kalaivani	An Ensemble Gazelle ANN and Extreme Gradient Boosting Technique for IoT Integrated Fertilizer and Manure Recommendation System Based on Soil Quality	Environmental Quality Management					1.3	10.1002/tqem.70186
4383	M., Sudha, M.; Y., Jessy Kumari, Yenumula; S., Sreethar, S.; A.B., Deshmukh, Amar B.	Multi-Order Hypergraph Convolutional Network Based K-Barriers Coverage Prediction for Intrusion Detection in Wireless Sensor Networks	IETE Journal of Research					1.3	10.1080/03772063.2025.2541906
4384	M., Ranganathan, Maharishi; B., Parveen Banu, B.; D., Saker, Devi; J., Ganesh Kumar, J.	Exploring the education, care, and support of children from fishing communities in India	International Journal of Sociology and Social Policy					1.3	10.1108/IJSSP-03-2025-0172
4385	J., Darathi, J.; G., Sowmya, G.	Mental spillover in IT workplace: overthinking and organizational support in the work-family conflict?and incivility link among?employees?in Chennai	International Journal of Sociology and Social Policy					1.3	10.1108/IJSSP-06-2025-0348
4386	S., Sethupathi, S.; A., Manimaran, A.	Cryptographic Undeniable Signature System Using DLCSFP Over Semiring	Malaysian Journal of Mathematical Sciences					1.3	10.47836/mjms.19.2.10

4387	A., Shaik, Ayesha; J.J., Kanichai, Jincy Jis; L., Sasikumar, Laxmi; R., Karthik, R.; A., Balasundaram, A.	A Stacked CNN-ResNet-XGBoost Framework for Enhanced Facial Emotion Classification	National Academy Science Letters					1.3	10.1007/s40009-025-01787-z
4388	Bhal, S.K.; Nandi, A.K.; Rababah, A.	A higher-order orthogonal collocation technique for discontinuous two-dimensional problems with Neumann boundary conditions	Computational Methods for Differential Equations	13	4	1385	1399	1.3	10.22034/cmde.2024.60344.2577
4389	Pandeeswari, E.; Jeyaraj, J.	Investigating Metric and Edge Metric Resolvability in Molecular Structures of Breast Cancer Therapeutics	Malaysian Journal of Mathematical Sciences	19	3	1079	1110	1.3	10.47836/mjms.19.3.16
4390	Harigovindan, V.P.; Deepa, D.R.; Veerapu, G.	Performance Enhancement of SWIPT by Utilizing the Distance Dependent Bandwidth of Underwater Channel for Cooperative NOMA based UASNs	IEEE Latin America Transactions	23	11	980	988	1.3	10.1109/TLA.2025.11194762
4391	Chintalapati, A.; Enkhbat, K.; Annamalai, R.; Amali, G.B.; ?zaydin, F.; Noel, M.M.	Quantum-Enhanced Algorithmic Fairness and the Advancement of AI Integrity and Responsibility	Quantum Reports	7	3			1.3	10.3390/quantum7030036
4392	Aravindh, D.; Ramalingam, R.; Kavikumar, R.; Kaviarasan, B.	Robust finite-time non-fragile memory feedback control for uncertain systems with external disturbance	International Journal of Computer Mathematics					1.3	10.1080/00207160.2025.2556115
4393	Navis, V.V.; Marappan, R.	Acyclic Graph Coloring Analysis in the Corona Product of Graphs	National Academy Science Letters					1.3	10.1007/s40009-025-01801-4

4394	Pratap, J.K.; Kannabiran, K.	PRODUCTION OF BIO-DEGRADABLE PLASTICS USING DIFFERENT WASTE RESOURCES BY STREPTOMYCES GEYSIRIENSIS SP. VITJK02	Detritus	32		85	94	1.3	10.31025/2611-4135/2025.19517
4395	Vincent, M.J.; Perumal, V.	Object-Based Image Analysis for Land Use Land Cover Classification of High-Resolution Satellite Imagery using Felzenwalb Segmentation and Random?Forest	IETE Journal of Research					1.3	10.1080/03772063.2025.2584676
4396	Pravin Kumar, N.; Mahanty, B.; Raja, R.; Behera, S.K.	Intelligent Algorithm-Based Neural Modeling of Two Suspended Growth Bioreactor Systems for Wastewater Treatment	Environmental Quality Management	35	2			1.3	10.1002/tqem.70227
4397	Sugumar, V.; D.; Govindasamy, K.; S.	Fault-Tolerant Healthcare Wireless Sensor Networks via Golden Sine Seahorse Optimization and Quantum Dirichlet Convolutional Learning	IETE Journal of Research					1.3	10.1080/03772063.2025.2568112
4398	Vadivelu, K.; Ramamoorthy, M.	Advancements in air to air refuelling systems of combat aircraft: A review	Advances in Science and Technology Research Journal	19	12	173	196	1.3	10.12913/22998624/210197
4399	Rajasekar, V.R.	Analysing the Energy and Power Consumption Impact of Selective Forwarding Attacks on 6LoWPANs: A Detailed Evaluation of MRHOF and OF0 Objective Functions	Journal of Electronic Testing: Theory and Applications (JETTA)					1.3	10.1007/s10836-025-06206-1

4400	Prusty, M.R.; Goel, H.; Kumar, R.	SC-DEMNET: Skip Connections Integrated DEMNET Framework for Alzheimer?s Disease Detection from Brain MRI Images	National Academy Science Letters					1.3	10.1007/s40009-025-01868-z
4401	Padma Sri Lekha, P.; Abdul Azeez, E.P.	Association of diabetes-related factors with life satisfaction and sleep disturbances among Indian ageing adults: Evidence from a large-scale study	Health Psychology Open	12				1.3	10.1177/20551029251362660
4402	Saranya, S.; Karthiyaini, K.	Adverse effect on the strength and microstructural characteristics of iron-based binders under the influence of initial atmospheric exposure before CO2 curing	Advances in Science and Technology Research Journal	20	1	222	235	1.3	10.12913/22998624/211126
4403	Venkatesh, P.; Ponnrajakumari, M.; Narmadha, T.V.; Ramasamy, R.; Radhika, S.A.; Padmavathy, T.V.	On attempting to improve the reliability in body-centric communications using fully flexible diversified quad-port MIMO antenna backed with FSS	International Journal of Microwave and Wireless Technologies					1.3	10.1017/S1759078725102602
4404	Nethaji, G.; Kathirvelan, J.	Performance Analysis of FPGA-Based Semi-Dual Active Bridge DC-DC Boost Converter Using Artificial Intelligence Optimization Algorithms	Journal of Applied Mathematics	2025	1			1.3	10.1155/jama/5513346
4405	Ramaprabha, N.; Balamurugan, J.	Sustainable social mobility among Indigenous communities: a bibliometric analysis	Frontiers in Human Dynamics	7				1.3	10.3389/fhumd.2025.1538673

4406	Gupta, M.K.; Pattnaik, S.; Sudandiradoss, C.	Artificial intelligence driven based diagnostics with combined surgical and non-surgical management of uterine fibroids: a narrative review	Middle East Fertility Society Journal	30	1			1.3	10.1186/s43043-025-00270-5
4407	Sarathy R.; Ravi Sankar J.	Laplacian energy and color based energy for graphs associated with commutative rings	Journal of Discrete Mathematical Sciences and Cryptography	27	8	2431	2445	1.2	10.47974/JDMSC-2016
4408	Mavuri R.; Sivakumar R.	Effects of swirl on nonreacting and reacting flows in a single-element lean direct injection combustors	Aircraft Engineering and Aerospace Technology					1.2	10.1108/AEAT-02-2023-0039
4409	Jeyakumar P.; Sudhakar K.; Thanapal P.; Navaneethan C.; Meenatchi S.	Fpga implementation of an efficient phase shift beamformer for narrow band sub-GHz applications	Analog Integrated Circuits and Signal Processing	122	2			1.2	10.1007/s10470-025-02308-0
4410	Paul J.B.J.; Rekh A.S.; Prabakaran E.P.G.	A novel semi elliptical slotted dual port rectenna for RF energy harvesting	Analog Integrated Circuits and Signal Processing	122	2			1.2	10.1007/s10470-025-02323-1
4411	Salunkhe V.; Rajkumar S.	Protection of Electronic Health Records (EHRs) on the Ethereum Blockchain: Identifying and Preventing Active Threats to Smart Contracts	KSII Transactions on Internet and Information Systems	19	1	213	231	1.2	10.3837/tiis.2025.01.010
4412	Afizudeen S.; Pavithra R.	Harnessing Dominating Set for Target Coverage in Internet of Things Enabled Wireless Sensor Networks	National Academy Science Letters					1.2	10.1007/s40009-025-01618-1

4413	Karmakar M.	'God knows why these Sanghaalis are so rabidly against C-section!': Spectre of medical coloniality haunts doctor-patient relationship in Guruprasad Kaginele's Hijab (2020)	Medical Humanities					1.2	10.1136/medhum-2024-012938
4414	Uday K.N.; Rajamurugan G.; Gogulraj G.; Senthilraj K.	IMPROVED WEAR CHARACTERISTICS OF Al-B4C COMPOSITES FABRICATED BY ULTRA-SONIC ASSISTED STIR CASTING TECHNIQUE	Surface Review and Letters					1.2	10.1142/S0218625X2550101X
4415	Uma Sathyakam P.; Gupta D.; Bhaumik R.; Vijayaraghavan R.; Mishra A.K.	Vanadium pentoxide-coated smart windows for passive radiative cooling applications	Functional Materials Letters					1.2	10.1142/S1793604725510282
4416	Sivaraaj N.R.; Majeed K.K.A.	Glitch free transmission gate based linear and nonlinear PFD architectures for fast and low reference-spur PLL	Analog Integrated Circuits and Signal Processing	123	1			1.2	10.1007/s10470-025-02354-8
4417	Rawat A.; Balasundaram A.; Vaithilingam C.A.	Angle-based regularized deep learning model for gauging effectiveness in performing yoga postures	Sport Sciences for Health					1.2	10.1007/s11332-025-01328-7
4418	Ayyappan A.; Arockiasamy S.	Synthesis, Crystal Structure, and Hirshfeld Analysis of a Novel Schiff Base Compound 5-Hydroxy-2-{[(Propan-2-yl)Iminio]Methyl}Phenolate	Journal of Structural Chemistry	66	2	215	229	1.2	10.1134/S0022476625020015
4419	Raja Singh R.; Kalel D.D.; Stonier A.A.; Peter G.; Stephen V.; Arun V.; Ganji V.	MTPA With Pseudo-FOC Strategy–Based BLDC for Minimization of Copper Loss and Torque Ripple	Journal of Electrical and Computer Engineering	2025				1.2	10.1155/jece/2549885

4420	Mothilal M.; Kumar A.	Predictive modeling of ultimate tensile strength in dissimilar friction stir welded aluminum alloys via machine learning approach	Philosophical Magazine Letters	105	1			1.2	10.1080/09500839.2025.2472669
4421	Marappan R.; Raja S.	Recent Trends in Regression Testing: Modeling and Analyzing the Critiques in Selection, Optimization, and Prioritization	National Academy Science Letters					1.2	10.1007/s40009-025-01613-6
4422	Manjupriya R.; Leema A.A.	Efficient Epileptic Seizure Detection with Optimal Channel Selection and FIXUPPACTBI-LSTM Deep Learning Model	International Journal of Technology	16	2	706	721	1.2	10.14716/ijtech.v16i2.7333
4423	Anushree Kirthika A.M.; Rajyalakshmi G.; Manivasagam G.; Nageswara Rao M.	STRENGTHENING Ti-15-3: DISCOVERING THE FATIGUE-BOOSTING WONDERS OF LASER SHOCK PEENING	Surface Review and Letters					1.2	10.1142/S0218625X25501367
4424	Krishnan G.; Jeedigunta N.V.R.	Seeding sustainable practices: a value-attitude-behaviour analysis of farmers green innovation adoption	International Journal of Sustainable Agricultural Management and Informatics	11	2	133	147	1.2	10.1504/IJSAMI.2025.145309
4425	Vijayan K.K.; Bhuvaneswari V.	From incarceration to reintegration: A qualitative analysis on Inmate’s trauma at Kannur Central Prison, India	Journal of Human Behavior in the Social Environment					1.2	10.1080/10911359.2025.2481975

4426	Rini Varghese P.; Subathra M.S.P.; George S.T.; Peter G.; Stonier A.A.; Sairamya N.; Ananthi A.; Ganji V.	High-Impedance Fault Detection in Electric Power Distribution Network Using Local Pattern Transformation Methods and Bidirectional Long Short–Term Memory	Journal of Electrical and Computer Engineering	2025	1			1.2	10.1155/jece/3310174
4427	Divya B.; Kavitha K.	Analysis of Prey, Predator and Top Predator Model Involving Various Functional Responses	Baghdad Science Journal	22	2	632	645	1.2	10.21123/bsj.2024.10018
4428	Devassykutty A.; P Jose T.	Happiness and forgiveness: A comparative study among tribal and non-tribal adolescents	Journal of Human Behavior in the Social Environment					1.2	10.1080/10911359.2025.2483333
4429	Suresh P.K.	Enhanced Permeation Retention Effect - Modeling and Imaging Approaches for Nanoparticle-mediated Anti-cancer Diagnostics or Therapy	Letters in Drug Design and Discovery	21	17	3633	3638	1.2	10.2174/0115701808306902240604071741
4430	Maheswari S.U.; Shahina A.; Khan A.N.	Spectral Mapping of Lombard Speech to Normal Speech: A Deep Learning Approach to Improved Lombard E®ect Compensation	Fluctuation and Noise Letters					1.2	10.1142/S0219477525500439
4431	Chandra Sekhar J.N.; Kiran Mayee M.; Nadagoudar R.; Chinna Alluraiah N.; Dhanamjayulu C.; Chinthaginjala R.; Ravi K.; Praveenkumar M.; Mohanty S.; Khan B.	Classification and Comparative Evaluation of Text and Emoji-Based Tweets With Deep Neural Network Models	Journal of Electrical and Computer Engineering	2024	1			1.2	10.1155/2024/9652424

4432	Sathish J.; Ramash Kumar K.; Saraswathi D.	Exploring Machine Learning and Deep Learning Approaches for Battery Management Systems in EVs: A Comprehensive Review	Journal of Electrical and Computer Engineering	2025	1			1.2	10.1155/jece/9962670
4433	Ranjith K.; Karthikeyan K.	Minimizing the Total Waiting Time for Fuzzy Two-Machine Flow Shop Scheduling Problem with Uncertain Processing Time; [لجهازين مع وقت معالجة غير مؤكد تقليل إجمالي وقت الانتظار لمشكلة جدولة متجر التدفق الغامض]	Baghdad Science Journal	22	4	1304	1316	1.2	10.21123/bsj.2024.10784
4434	Sahay S.; Kesavan P.; Yadav M.K.; Nilawar S.; Manivasagam G.; Chatterjee K.	High-Pressure Torsion Affects Mechanical Properties, Electrochemical Behavior, and Cellular Response to a Biomedical Ti-Nb-Zr-Ta Alloy	Materials Transactions	66	5	490	500	1.2	10.2320/matertrans.MT-MC2024013
4435	Reddy S.T.; Yazar K.U.; Choudhary S.; Suwas S.	Micromechanical Response of Commercially Pure Titanium: Insights from Experiments and Crystal Plasticity Simulations	Materials Transactions	66	5	501	510	1.2	10.2320/matertrans.MT-MC2024016
4436	John A.S.; Gurumurthy K.	OPTIMIZATION OF COPPER RECOVERY FROM WEEE BY BIO-METALLURGICAL PROCESS	Detritus	30		23	28	1.2	10.31025/2611-4135/2025.19463
4437	Dhanasekaran A.; Tiwari K.; Bhange A.; Ghosh S.S.; Krishnan K.	BIODEGRADATION OF EXPANDED POLYSTYRENE USING PSEUDOMONAS AERUGINOSA VITARK5	Detritus	30		99	108	1.2	10.31025/2611-4135/2025.19475

4438	Saha R.; Devji S.; Hoque S.; Bhowmick B.; Baishya S.	Investigation of electrical parameters in extended source epitaxial layer DG-TFET including interface trap charges and temperatures	Analog Integrated Circuits and Signal Processing	124	1			1.2	10.1007/s10470-025-02428-7
4439	S N.; V S.; K P R.P.; V S.	Design and implementation of cost-effective flexible paper based Wi-Fi sensor for commercial applications	Analog Integrated Circuits and Signal Processing	124	2			1.2	10.1007/s10470-025-02433-w
4440	Gavaskar K.; Elango S.; Palanisamy G.; Adhithyaa N.; Srinath A.	A low-power, full-custom design of a 4:2 compressor using 32 nm CNTFET technology for high-speed signal processing	Analog Integrated Circuits and Signal Processing	124	2			1.2	10.1007/s10470-025-02439-4
4441	Pattabiraman V.; Anusha K.; Divya K.; Parvathi R.	Churn Prediction in Over-The-Top (OTT) for Customer Retention using Machine Learning Algorithms	National Academy Science Letters					1.2	10.1007/s40009-025-01676-5
4442	Ghosh R.; Das G.; Patil H.; Umamaheswari S.; Jayashri P.	Quantifying Tectonic Influence on Himalayan Glacio-Fluvial Systems: Integrating Morphological Analysis and AI Modeling	Proceedings of the Indian National Science Academy					1.2	10.1007/s43538-025-00481-4
4443	Joseph A.; Jose T.P.	Role of metacognition and distress tolerance as predictors of dispositional resilience among nurses; a cross-sectional study	Journal of Human Behavior in the Social Environment					1.2	10.1080/10911359.2025.2513303
4444	Rajalakshmi M.; Wahab R.S.	Artificial Intelligence-Based Optimal Design of Bi-directional Capacitor-Inductor-Inductor-Capacitor Converter for Electric Vehicle Applications	International Journal of Technology	16	3	933	948	1.2	10.14716/ijtech.v16i3.7486

4445	Lalitha R.; Veerappapillai S.	Penicillin G Acylase: A Multifunctional Catalyst with Broad Implications in Pharmaceutical Science and Industrial Applications	Letters in Drug Design and Discovery					1.2	10.2174/0115701808347794250102113721
4446	M., Mathialagan, Meenaakumari; M., Esakkimuthu, Manikandan	Study on applicability of terahertz imaging for microplastic identification in soil sample	Optical Engineering	64	6			1.2	10.1117/1.OE.64.6.064107
4447	J., Velayudhan, Jayanthi; S., Subramanian, Sangeetha	Binder-free SeNP-decorated cathodes and bioanodes for dual-chambered microbial fuel cells	Emerging Materials Research					1.2	10.1680/jemmr.24.00195
4448	A.M., Poulomi, Amudhini M.	Electro-osmotic and magnetohydrodynamic flow of Maxwell nanofluid over Darcy-Forchheimer porous medium with Soret-Dufour effects	Archives of Thermodynamics	46	2	69	81	1.2	10.24425/ather.2025.154907
4449	A., Kumar, Amit; K.R.V., Kumar, Kuttynadar Rajammal Vijaya; G., Suresh, G.; V., R, Vezhavendhan; C., Palanisamy, Chandramohan; R., Saranya, R.; G., Rathinasabapathi, G.	A comprehensive study on the influence of polyurethane blending in melamine-urea?formaldehyde-based plywood composites: an interpenetrating polymer network (IPN) approach	Journal of the Indian Academy of Wood Science					1.2	10.1007/s13196-025-00383-4
4450	K., Ramasamy, Karthika; S., Roy, Soumendu	Solitonic geometry of Magneto fluid spacetimes: Ricci Bourguignon insights and energy momentum characterizations	Journal of Geometry and Physics					1.2	10.1016/j.geomphys.2025.105609

4451	M.K., Dharani, Muthu Kamarajan; J., Balamurugan, Janarthanan	Resilience amidst adversity: A qualitative analysis of social support for rural single mothers in India	Journal of Human Behavior in the Social Environment					1.2	10.1080/10911359.2025.2544789
4452	C., Nayak, Chittaranjan; J.K., Behera, Jitendra Kumar; R.K., Moharana, Rajesh Kumar; L.N., Kotov, Leonid Nafanailavich	Three- and four-material photonic quasicrystal	Optical Engineering					1.2	10.1117/1.OE.64.7.077101
4453	P., Vengatesh, P.; B., Kumaragurubaran, B.; R.J., Bensam, Raj J.; K.C., Ramesh, Kumar C.	Impact of alumina nanoparticles and lanthanum zirconate coating on the performance, combustion and emission characteristics of diesel engine functioned with Terminalia cattappa seed oil	Global Nest Journal					1.2	10.30955/gnj.07424
4454	D., Sekar, Devi; S., Veerasamy, Sandhiya; N.J., Michellin Kiruba, N. Jennifer; M., Ranganathan, Maharishi	Beyond the threshold: Exploring intelligence and creative potential in Indian middle school students	Journal of Human Behavior in the Social Environment					1.2	10.1080/10911359.2025.2550489
4455	Mannar, M.J.; Kumar, V.V.; Palaiahnakote, S.; Khan, S.B.; Almusharraf, A.	A New Approach for Speech Emotion Recognition Using Single Layered Convolutional Neural Network	Malaysian Journal of Computer Science	37	1	89	106	1.2	10.22452/mjcs.vol37no1.6
4456	Palanichamy, K.; Poornachari, P.; Mariappan Subburaj, S.V.; Anbalagan, S.	Analysis of deep learning models for rain-induced channel prediction in free-space optical communication system	Optical Engineering	64	9			1.2	10.1117/1.OE.64.9.098102

4457	Costabile, F.A.; Riyasat, M.; Nahid, T.; Khan, S.	Computational Algebraic Approach and Interpolation Problem to ?h-Truncated Exponential-Appell Polynomials	Mediterranean Journal of Mathematics	22	8			1.2	10.1007/s00009-025-02932-0
4458	Sahoo, A.; Tripathy, A.K.	Efficient traffic management in the internet of vehicles through enhanced routing and deep learning	International Journal of Computational Science and Engineering	28	5	543	553	1.2	10.1504/IJCSE.2025.148740
4459	Bhushan, A.; Ram, S.C.; Saha, S.	A Comprehensive Overview of the Design Procedure, Bimodular Fracture Mechanics Analysis, and Potential Uses of Nuclear-Grade Graphite for Nuclear Applications	Journal of Failure Analysis and Prevention					1.2	10.1007/s11668-025-02304-6
4460	Shanmugapriya, R.S.; Vijayakumar, V.	New exploration on the optimal control results for second-order non-autonomous stochastic differential inclusions with damping and Poisson jumps	Journal of Mathematical Analysis and Applications	556	1			1.2	10.1016/j.jmaa.2025.130196
4461	T, T.; Rayalu, G.	Air pollution forecasting using advanced machine learning techniques and ensemble stacking in Delhi	Environmental Health Engineering and Management	12				1.2	10.34172/EHEM.1370
4462	Mathew, A.; Sircar, A.	Translation as circuit-breaker: reading the counter-discourse of the website-repository of translations in Kerala	Translation Studies					1.2	10.1080/14781700.2025.2552673
4463	John, I.; Lakshmanan, R.	Media Visibility and Gendered Spaces: The Portrayal of Women in Tea Shops in Malayalam Cinema	Space and Culture					1.2	10.1177/12063312251392367

4464	Gupta, U.; Varte, V.; Ashraf, F.M.; Nongthomba, U.	Neuronal expressions of Taxi and Adar are crucial in maintaining the lifespan of Drosophila melanogaster	Journal of Genetics	104	2			1.2	10.1007/s12041-025-01513-0
4465	Chandhini, P.S.; Jambulingam, J.	Optimization of Biomass and Lipid Yields in a Novel Brackish Water Cyanobacterium using Organic Carbon and Nitrogen Sources for Sustainable Biofuel Production	Global Nest Journal	27	8			1.2	10.30955/gnj.07341
4466	Dhanush, A.; Vijayakumar, V.	Discussion on the Time Optimal Control Results for Hilfer Fractional Neutral Differential Inclusions with Clarke?s Subdifferential Type	Mediterranean Journal of Mathematics	22	8			1.2	10.1007/s00009-025-02998-w
4467	Sumathi, M.; Raja, S.P.	Sensitive medical information protection and storage using blockchain technology	Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an					1.2	10.1080/02533839.2025.2574446
4468	Lakshmy, A.S.; Meenakshi, S.	Womanhood in Indian families: A study of female characters in Laapataa Ladies and The Great Indian Kitchen	Journal of Human Behavior in the Social Environment					1.2	10.1080/10911359.2025.2591263

4469	Ramasekhar, G.; Jakeer, S.; Reddisekhar Reddy, S.R.R.; Verma, H.; Jayasri, P.; Durgaprasad, P.; Shukla, P.	Homotopy Semi-numerical Modeling of Williamson Nanofluid Flow Over a Cone and Wedge with Entropy Generation	Proceedings of the National Academy of Sciences India Section A - Physical Sciences					1.2	10.1007/s40010-025-00945-8
4470	Xu, W.; Bazaz, H.S.; Nugroho, A.; Purnama, I.; Hajiabadi, Z.; Graham, A.; Wang, A.-H.; Chandrasekaran, S.; Simanjuntak, F.M.	Exploring the Switching Instability of CBRAM for Random Number Generator Applications	IET Circuits, Devices and Systems	2025	1			1.2	10.1049/cds2/9982211
4471	Mathialagan, M.; Esakkimuthu, M.	Identification and classification of polyethylene, polyvinyl chloride and low-density polyethylene microplastics using terahertz imaging based on terahertz frequency-domain spectroscopy system	Optical Engineering	64	11			1.2	10.1117/1.OE.64.11.114101
4472	Valarmathi, B.; Chalicheemala, D.; Ramkumar, T.; Kotei, E.	A Robust Deep CNN Stacked Ensemble Classifier for Skin Disease Diagnosis	Advances in Public Health	2025	1			1.2	10.1155/adph/7601115
4473	Mariyappan, V.; Karthiyaini, K.	The Synergy of Low-NaOH Activation and Carbon Sequestration in Sustainable Red Mud Based Geopolymer	Global Nest Journal	27	9			1.2	10.30955/gnj.07964
4474	Anusindhiya K., Vinayagamurthy G., Kumar K.S.	Investigation of Sonic Under-expanded Jets Using Slotted Rectangular Mechanical Tabs	Journal of Applied Fluid Mechanics	18	3	631	640	1.1	10.47176/jafm.13.3.2921

4475	Vasudevan S.R., Bhuvaneswari M.	Unveiling the Emotional Terrain of Infertile Couples: A Systematic Review of Psychotherapies in the Indian Context	Human Arenas					1.1	10.1007/s42087-024-00470-x
4476	Bhuvaneswari G., Karmakar M.	Echoes of Resilience: Unmasking the Enigma of Women's Pain in Healthcare, Weaving Equality Through Recognition and Compassion	Human Arenas					1.1	10.1007/s42087-024-00469-4
4477	Godbin A.B.; Jasmine S.G.	Advanced Lung Disease Detection: CBAM-Augmented, Lightweight EfficientNetB2 with Visual Insights	Current medical imaging	20		e1573405634651		1.1	10.2174/0115734056344651241023070250
4478	M S G.J.; G B.	Memory, Social Identity and Technology at Odds: The Implication on Physical Well-Being in Wall-E	Human Arenas					1.1	10.1007/s42087-024-00471-w
4479	Parveen A.; Radhakrishnan V.	Exploring the Quantum Psyche: Unraveling the Wave-Particle Duality of Self in Devdutt Pattanaik's The Pregnant King (2008) through Quantum Mechanics and Jungian Archetypes	Human Arenas					1.1	10.1007/s42087-024-00467-6
4480	Vaiyanan S.; Govindasamy Krishnamoorthy R.	Enhanced control techniques for automated vehicles using q*ε-rung orthopair neutrosophic continuous functions	Research in Mathematics	12	1			1.1	10.1080/27684830.2024.2448378

4481	Suganya M.; Kayathiri C.; Balu R.; Vinitha G.; Delci Z.; Chitra Devi S.; Kaliyamoorthy D.; Mathiyalagan S.	Third Order Nonlinear Optical, Electrochemical, Catalytic, and Antibacterial Properties of Green Synthesized BaSnO3 Nanoparticles	Iranian Journal of Materials Science and Engineering	21	4			1.1	10.22068/ijmse.2966
4482	Gokul G.; Udhayakumar R.	A Class of ψ-Hilfer Fractional Neutral Differential Evolutions with Hemivariational Inequalities Involving History-Dependent Operators	Mediterranean Journal of Mathematics	22	2			1.1	10.1007/s00009-025-02811-8
4483	Karthikeyan K.R.; Murugusundaramoorthy G.	Pseudo starlike functions involving convex combination of two starlike functions	Journal of Interdisciplinary Mathematics	28	2	485	497	1.1	10.47974/JIM-1856
4484	Madhu M.; Manivannan S.; Sreekanth D.; Sajeesh P.	Corrosion and Wear Enhancement of Composite Layers over PEO-Coated Mg Alloys: A Review	Protection of Metals and Physical Chemistry of Surfaces	60	4	708	722	1.1	10.1134/S2070205124701995
4485	Regal A.M.; Kumar D.S.	Fitted mesh cubic spline tension method for singularly perturbed delay differential equations with integral boundary condition	Computational Methods for Differential Equations	13	2	618	633	1.1	10.22034/CMDE.2024.58538.2477
4486	Muthukrishnan S.V.; Sunitha V.	Voices of Resilience: Exploring Transphobic Prejudices in Indian Transgender Autobiographies	Human Arenas					1.1	10.1007/s42087-025-00490-1

4487	Senthil G.A.; Prabha R.; Renuka Devi R.	Energy efficient multipath routing in IoT-wireless sensor network via hybrid optimization and deep learning-based energy prediction	Network: Computation in Neural Systems					1.1	10.1080/0954898X.2025.2476081
4488	Kuppam S.; Purushotham S.	Leveraging the internet of things and optimized deep residual networks for improved foliar disease detection in apple orchards	Network: Computation in Neural Systems					1.1	10.1080/0954898X.2025.2472626
4489	Kumar D.; Rakshit J.K.; Nayak C.; Bin A.R.	Design and analysis of high-performance cascaded microring resonator and highly sensitive temperature sensor using photonic crystal-based topological edge state	Optical Engineering	64	1			1.1	10.1117/1.OE.64.1.017101
4490	Vijaya K.; Murugusundaramoorthy G.; Al-Sa'di S.	BI-UNIVALENT FUNCTIONS ASSOCIATED WITH INVOLUTION NUMBERS BASED ON SĂLĂGEAN-ERDÉLY–KOBER OPERATOR	Journal of Nonlinear Functional Analysis	2025				1.1	10.23952/jnfa.2025.13
4491	Maanasa T.; Raveendran P.; Irudayaraj P.J.	Heuristic multi-scale feature fusion with attention-based CNN for sentiment analysis	Network: Computation in Neural Systems					1.1	10.1080/0954898X.2025.2498735
4492	Aarthy B.; Keerthi B.S.	Enhancing colour image contrast via analytic functions subordinate to generalized Mersenne polynomials	Imaging Science Journal					1.1	10.1080/13682199.2025.2495497

4493	Durgadevi K.; Vijayaragavan R.; Kumar B.R.	Numerical investigation of Casson fluid flow past a semi-infinite vertical surface with higher-order chemical reaction, thermal radiation and porous media effects	Radiation Effects and Defects in Solids					1.1	10.1080/10420150.2025.2518525
4494	Nair A. S A.; Dwivedi L.D.	Variances in communication: a comparative study of the Malayalam movies Neelavelicham and Bhargavinilayam	Cogent Arts and Humanities	12	1			1.1	10.1080/23311983.2025.2510064
4495	Mukesh Singh; Kumar H.; Thanabal N.; Silambarasan R.; Seenuvasaperumal P.; Makineni S.K.; Basha D.A.	Effect of Temperature on Texture and Mechanical Properties of Deformed Mg–Bi Alloys	Physics of Metals and Metallography	126	2	209	224	1.1	10.1134/S0031918X24600659
4496	Jauhari A.D.; Munjal A.; Kumar S.	Absolute linear method of summation with weighted mean	Journal of Interdisciplinary Mathematics	28	4	1417	1428	1.1	10.47974/JIM-1919
4497	Preethi N.; Revathi G.K.	A view on Pythagorean fuzzy digital feeble topological spaces, nets and prefilters	Journal of Interdisciplinary Mathematics	28	4	1607	1622	1.1	10.47974/JIM-2155
4498	Seng Theng A.A.; Jayamani E.; Subramanian J.; Selvaraj V.K.; Viswanath S.; Sankar R.; Raja S.; Rusho M.A.	A review on industrial optimization approach in polymer matrix composites manufacturing	International Polymer Processing					1.1	10.1515/ipp-2024-0121

4499	M., Owais, Mohammad; A., Chanda, Ankush	Intricacies of a new non-expansive mapping with an application to delay differential equations with finite constant delays	Journal of Analysis					1.1	10.1007/s41478-025-00940-7
4500	S., S, Shankar; B., S, Balamurali; S., P, Sasipriya; A., Angeline A, Anita	Standard cell library based processor design using MGDI technique	International Journal of Electronics					1.1	10.1080/00207217.2025.2518569
4501	M.N., Divya Shree, M. N.; I., Srinivasa Rao, I.	A comprehensive methodology for Taconic-based ultra-wideband band pass filters	Journal of Electromagnetic Waves and Applications					1.1	10.1080/09205071.2025.2527313
4502	V., Mone, Varda; R., Tilwani, Rahul; C.L., Sivakumar, C. L.V.; S., Fayzullaeva, Shakhlo	Evaluating the Prospects of a UN-Backed Global Data Protection Authority: A Third World Perspective	International Organizations Law Review	22	1	106	124	1.1	10.1163/15723747-22010002
4503	V., Pattapulavar, Veilumuthu; S., Ramanujam, Sathiyabama; S., Muthusamy, Sanjivkumar; S., Panchal, Shweta; J.G., Godwin Christopher, J. Godwin	Metabolite Production and Extraction of Indole Compound From the Tomato Endophyte Streptomyces sp. VITGV100	Bio-protocol	15	14			1.1	10.21769/BioProtoc.5386
4504	R., Mittal, Raghav; I., Cvitic, Ivan; D., Perakovic, Dragan; S.P.R., Raja, S. Peter Raj	Proactive Detection and Mitigation Strategies for Advanced Persistent Threats	Promet - Traffic and Transportation	37	3	546	569	1.1	10.7307/ptt.v37i3.1088

4505	N., Telagam, Nagarjuna; D., Ajitha, D.; S.M., Prabin, S. M.; B., Srikanth, B.; null	A Novel Area Efficient and High-Speed BCD Adder Using CFA and Multiplexer in Quantum-Dot Cellular Automata	IEEJ Transactions on Electrical and Electronic Engineering					1.1	10.1002/tee.70111
4506	I., Merlin, Ida; J., Immanuel, Jefry; R.A., Dunstan, Rajkumar A.; S., Prabakar, S.	Social change: the nexus between emotional intelligence and the theory of change for Buen Vivir	Social Work Education					1.1	10.1080/02615479.2025.2531866
4507	M.K., Giri, Manas Kumar; R., Kondooru, Raghavendar	Geometric properties of linear operators associated with generalized distribution series for a class of normalized analytic functions	Research in Mathematics					1.1	10.1080/27684830.2025.2536355
4508	S., Mann, Simran; C., Shanthi, C.; M., Asthana, Manu	Molecular Cloning and Expression of Cryptocyanin Gene Isolated from an Indian Variety of Scylla olivacea	Protein and Peptide Letters					1.1	10.2174/0109298665378763250506105601
4509	K., Shalini, K.; T.D., Rao, T. D.	Refined Minimization of Trapezoidal Fuzzy Quadratic Function: A Fuzzy-Parametric Steepest Descent	Fuzzy Information and Engineering					1.1	10.26599/FIE.2025.9270057
4510	R., Hariharan, R.; U., Ramalingam, Udhayakumar	Existence of Mild Solution for Fuzzy Fractional Differential Equation Utilizing the Caputo-Katugampola Fractional Derivative	Fuzzy Information and Engineering					1.1	10.26599/FIE.2025.9270060
4511	S., Aiswarya, S.; M., Muralikrishna, Muthumeenakshi	TIME-FREQUENCY ANALYSIS OF GEOPOLITICAL RISK AND FOOD COMMODITY MARKET: A WAVELET BASED INVESTIGATION	Agricultural and Resource Economics					1.1	10.51599/are.2025.11.02.05

4512	P., Immanuel, Paul; A.B., Greeni, A. Berin	Embedding crossed cube into diverse product graphs and tree-derived architectures	Journal of Combinatorial Optimization					1.1	10.1007/s10878-025-01350-y
4513	V.P., Arivanantham, Vishnu Priya; H.M., Ghanimi, Hayder M.A.; S.R., Rane, Sagar Ramesh; V.J., Sowmya, Vemula Jasmine; K., Poon, Kamal; N., Mythili, Nagalingam; S., Sengan, Sudhakar; P., Dadheech, Pankaj	Cyber security with blockchain-based cyber-physical system for key generation in medi-cloud computer systems	Journal of Discrete Mathematical Sciences and Cryptography					1.1	10.47974/JDMSC-2366
4514	M.D., Kokate, Mahadeo D.; A., Julian, Anitha; R., Ramyadevi, R.; M., Rele, Mayur; G.I., Mary, Gerardine Immaculate; M., Vaithianathan, Muthukumaran	Enhancing network security in wireless sensor networks through real-time intrusion detection systems	Journal of Discrete Mathematical Sciences and Cryptography					1.1	10.47974/JDMSC-2174

4515	D., Srivastava, Divyansh; U., Chadha, Utkarsh; A., Samantula, Ashrita; P., Prakash, Pratyush; A., Kaur, Arshdeep; M., Code, Molly; G., Chhablani, Gaurav; S.S., Kumbhar, Sakshi Santosh; G., Yemul, Girish; V., R, Vezhavendhan	Evaluating Lean Six Sigma Tools for Welding Engineering Applications: An Engineering Perspective	Journal of Advanced Manufacturing Systems					1.1	10.1142/S021968672650040X
4516	S., Vijayvargiya, Saniya; S., Sinha, Srishti; V., Sivakumar, V.	The Role of AI and ML in Shaping the Future of the Food Industry	Current Nutrition and Food Science					1.1	10.2174/0115734013371588250815061734
4517	Purohit, A.; Sathees kumar, S.S.; Shyamala, S.; Pradhan, P.; Gupta, G.; Pati, P.R.	Computational modelling and optimization of mechanical properties of red brick dust-epoxy composites using machine learning approach; Computer modellierung und Optimierung der mechanischen Eigenschaften von Verbundwerkstoffen aus rotem Ziegelstaub und Epoxidharz unter Verwendung eines maschinellen Lernansatzes	Materialwissenschaft und Werkstofftechnik					1.1	10.1002/mawe.70030

4518	Gundu, V.; Kumba, K.; Simon, S.P.; Buduma, P.; Sarkar, M.	Feature-driven fruit classification using leveraging machine learning algorithms and nano semiconductor sensors	International Journal of Nano Dimension	16	4			1.1	10.57647/j.ijnd.2025.1604.26
4519	Shivam Kumar Jha, S.; Mohana, N.	Homotopy-based enhancement for robust visibility in low-light imaging	Imaging Science Journal					1.1	10.1080/13682199.2025.2571348
4520	Gayathri, K.B.; Santiago, S.; Jyothish, K.; Jeyaraj, J.; Ponnusamy, C.S.; Augustine, T.	Machine Learning Approach on Degree-Sum Based Topological Indices of Bottom-Up-Synthesized Graphene Nanoribbons	Nano					1.1	10.1142/S1793292026500086
4521	Vishnu Priya, V.P.; Ghanimi, H.M.A.; Sonthi, V.K.; Ayasrah, F.T.; Lenka, R.M.; Hemalatha, P.; Sengan, S.; Dadheech, P.	The secured authentication system: Integrated cyber security end-toend based cyber-physical systems for improved DevOps resilience with authentication	Journal of Discrete Mathematical Sciences and Cryptography	28	5	1887	1898	1.1	10.47974/JDMSC-2365
4522	Ghosh, S.; Sindhujaa, P.; Kesavan, D.K.; Guly?s, B.; M?th?, D.	Brain-Computer Interfaces and AI Segmentation in Neurosurgery: A Systematic Review of Integrated Precision Approaches	Surgeries (Switzerland)	6	3			1.1	10.3390/surgeries6030050
4523	Lalitha, K.; Maheswaran, S.; Vidhyalakshmi, M.; Vishnuraja, P.	Enhanced Safety Gadget for Mining Workers by Integrating IoT and Machine Learning Algorithm	Journal of Sensors	2025	1			1.1	10.1155/js/7339028
4524	Nair, S.R.; Christie, L.G.	Disrupting masculinity: Locating Indian OTT web series as quality television and sites of subversive masculine representations	Critical Studies in Television					1.1	10.1177/17496020251398338

4525	Haribabu, K.; Prasath, R.; Joe, I.R.	A Novel Framework of Multi-Scale Feature Fusion-Based Refinement Network for Thyroid Nodule Segmentation Using Improved Heuristic Algorithm	International Journal of Pattern Recognition and Artificial Intelligence	39	16			1.1	10.1142/S0218001425520238
4526	Umaeswari, U.; Hariharan, N.; Reena Roy, R.; Sarala, B.	A hybrid approach for colour image watermarking: wiener inverse transform factorization and dilated random graph attention network with Osprey optimization	Imaging Science Journal					1.1	10.1080/13682199.2025.2575715
4527	Mulay, V.; Rajagopal, R.	Phytochemical Constituents from Selected Plant Species of the Family Cucurbitaceae as Potential Anti-Inflammatory Attributes Established Using the Carrageenan-Induced Animal Model	Current Nutrition and Food Science					1.1	10.2174/0115734013431413251009052341
4528	Jagadha, S.; Gopal, D.; Kumar, P.V.; Naikoti, N.; Durgaprasad, P.	Three dimensional MHD nano luid stagnation point low with higher order chemical reaction	Journal of Thermal Engineering	8	2	286	298	1.1	10.18186/thermal.1086264
4529	Singh, M.D.M.; Veeramani, S.	Some remarkable properties of posinormal element in -algebras	Journal of Analysis					1.1	10.1007/s41478-025-01004-6
4530	Velayudhan, J.; Subramanian, S.	Antioxidant, anti-inflammatory, and toxicological potential of selenium nanoparticles produced by chemical synthesis method	Toxicological and Environmental Chemistry	107	10	2010	2034	1.1	10.1080/02772248.2025.2583181

4531	Sasirekha, B.; Chellamuthu, C.	Privacy Threats in Machine Learning: Challenges and Comparisons across Traditional and Federated Frameworks	Journal of Applied Security Research					1.1	10.1080/19361610.2025.2562401
4532	Meghana, P.; Jayasri, M.A.I.; Suthindhiran, K.	VLP (Virus-Like Particles) Vaccines ? Current Knowledge and Future Directions	Brazilian Archives of Biology and Technology	68				1.1	10.1590/1678-4324-2025240942
4533	Ahmed M.H., Subramanian S.	MWCNT-MnO2 composite and microbial reactor for BPA removal: toxicity and insilico studies	Journal of Environmental Engineering and Science					1	10.1680/jenes.24.00058
4534	Mohan K.N., Bhowmick A., Choukiker Y.K.	Dual Band Dual Polarized Aperture Coupled Based Frequency Selective Surface	Microwave and Optical Technology Letters	67	1			1	10.1002/mop.70102
4535	Gupta P.; Modi P.; Paul S.; Gupta S.	SAR image matching using an improved SIFT-based anisotropic diffusion algorithm	Journal of Spatial Science					1	10.1080/14498596.2024.2442324
4536	Emmanuel E.C.; Das M.	WORKPLACE INCIVILITY IN HOTELS: UNMASKING THE COMPLEX LANDSCAPE OF EMPLOYEE WELL-BEING	Tourism Review International	28	4	325	342	1	10.3727/194344224X17241867871023
4537	Wani S.A.; Zayed M.; Nahid T.	Certain properties and characterizations of a novel family of bivariate 2D-q Hermite polynomials	Open Mathematics	22	1			1	10.1515/math-2024-0080
4538	Joy D.; Dinesh Kumar S.; Rihan F.A.	Advancing numerical solutions for a system of singularly perturbed delay differential equations at linear rate	Boundary Value Problems	2025	1			1	10.1186/s13661-025-02000-2

4539	Suthaagaran V.; Selvaraj T.	Enhancing the strength and durability of lime mortar with Acacia Seyal Gum: A sustainable solution for diverse climatic conditions	Advances in Science and Technology Research Journal	19	3	47	62	1	10.12913/22998624/197271
4540	Deepti T.; Deepa K.; Alexander Stonier A.; Peter G.; Anoop A.; Ganji V.	Development and Efficiency Analysis of Dual Active Bridge Converter Employing SiC Devices Using TMS 320F280039	IET Circuits, Devices and Systems	2025	1			1	10.1049/cds2/6336609
4541	Surya Priya M.; Nathiya N.	Subordinate Average Structures on Random Walks	European Journal of Pure and Applied Mathematics	18	1			1	10.29020/nybg.ejpam.v18i1.5761
4542	Hariharan Ramesh; Shariaty F.; Roy S.S.	IFDRF: Advancing Anomaly Detection with a Hybrid Machine Learning Model	Optical Memory and Neural Networks (Information Optics)	33	4	385	400	1	10.3103/S1060992X24700474
4543	Prakash S.; R S.; B V.; Kumar T.P.	Characterizing diverse maize varieties under organic cultivation: phenotypic, yield, and canopy data from VIT Vellore	Data in Brief	59				1	10.1016/j.dib.2024.110367
4544	Deepti T.; Deepa K.; Alexander Stonier A.; Peter G.; Anoop A.; Shahila D.F.D.; Ganji V.; Jha A.	Analysis of Leakage Inductance Effect and Loss Calculation of DAB Using Single-Phase Shift Modulation Scheme	IET Circuits, Devices and Systems	2025	1			1	10.1049/cds2/3536991
4545	Thavasimuthu R.; Vidhya P.M.; Arulkumar V.; Sekar S.; Sighamani A.; Yadav A.K.	A Novel approach for predicting particulate matter 2.5 and 10 concentration using modal autoformer and seq-2seq model	Global Nest Journal	27	3			1	10.30955/gnj.06478

4546	Thavasimuthu R.; Arnise S.; Arulkumar V.; Sekar S.; Reshmy A.K.; Yadav A.K.	Enhanced deep maxout network for monitoring particulate matter 2.5 and 10 concentration in air via interpolated data smoothing	Global Nest Journal	27	3			1	10.30955/gnj.06486
4547	Loganathan G.; Senthilpandian M.	Trash to treasure: A review on integrating nanomaterial and industrial waste for sustainable electromagnetic interference shielding composites	Advances in Science and Technology Research Journal	19	4	65	90	1	10.12913/22998624/200108
4548	Gurrammagari D.R.; Boopathy P.	A Survey on AI Integration into Industry 5.0	Gazi University Journal of Science	38	1	99	113	1	10.35378/gujs.1320760
4549	Suganya S.; Parthiban V.; Kavikumar R.; Kwon O.-M.	Transmission dynamics and stability of fractional order derivative model for COVID-19 epidemic with optimal control analysis	Electronic Research Archive	33	4	2172	2194	1	10.3934/era.2025095
4550	Joe I R P.; Sudheer Kumar E.; Kabilan K.; Sandosh S.	Sentiment-aware visual verses: limerick generation from images using transformer models for therapeutic and educational support	Journal of Poetry Therapy					1	10.1080/08893675.2025.2493818
4551	Edward J.L.; Kaliyaperumal P.	Optimizing E-Commerce Selection Under Uncertainty: A New Framework for Decision-Making With Extended Fuzzy TOPSIS	International Journal of Mathematics and Mathematical Sciences	2024				1	10.1155/ijmm/4284997
4552	Irshad C.V.; Dash U.	Rural–Urban Disparities in Adult Immunisation: Evidence from the Longitudinal Ageing Study in India (2017–2018)	Journal of Health Management					1	10.1177/09720634251341027

4553	Janani P.; Santhi A.S.	A study on the optimization of superplasticizer and water-to-binder ratio for enhancing 3D printable concrete with marble powder waste	Advances in Science and Technology Research Journal	19	6	140	151	1	10.12913/22998624/202853
4554	Prabaharan V.; Akhas P.K.	Buckling behaviour of cold-formed steel channel section, sigma section, and built-up sigma section: Experimental and numerical study	Advances in Science and Technology Research Journal	19	6	342	352	1	10.12913/22998624/203267
4555	Smyrna A.C.; Nathiya N.	Flux at Infinity of Subharmonic Functions on R2	European Journal of Pure and Applied Mathematics	18	2			1	10.29020/nybg.ejpam.v18i2.5750
4556	Ashika T.; Grace G.H.	Enhancing Classification Performance Through Rough Set Theory Feature Selection: A Comparative Study Across Multiple Datasets	European Journal of Pure and Applied Mathematics	18	2			1	10.29020/nybg.ejpam.v18i2.5934
4557	Thirukumaran S.; Revathi G.K.	A Study on (c,d) IF − Q Uniform Ir∗ Centred Structure Compactification	European Journal of Pure and Applied Mathematics	18	2			1	10.29020/nybg.ejpam.v18i2.6135
4558	Suresh Kumar A.; Ranjitha J.	Statistical optimization of biodiesel production from the non-edible seed of mimusops elengi using RSM and ANN studies	Global Nest Journal	27	4			1	10.30955/gnj.07143

4559	Sebastian P.M.; Sanjana G.; Mundrikeri D.; Rao K.V.B.	Optimization and Purification of Protease Produced by Rossellomorea aquimaris Isolated from Marine Sediments and Exploring Their Diverse Biological Applications	Applied Biochemistry and Microbiology					1	10.1134/S0003683824607352
4560	Gayathri K.B.; Roy S.	Electronic Property Analysis of Triangulenes Through Novel Neighborhood Degree Sum-Based Topological Indices and Regression Models	Nano					1	10.1142/S1793292025500766
4561	Giri M.K.; Raghavendar K.	Inclusion Theorems of Certain Integral Transform Related to Normalized Hypergeometric Functions and Generalized Bessel Functions	International Journal of Mathematics and Mathematical Sciences	2025	1			1	10.1155/ijmm/9355362
4562	Anbu H.K.; Kothandapani K.	Enhancing structural reusability and durability: A review of steel-concrete shear connector systems in modular construction	Advances in Science and Technology Research Journal	19	7	70	97	1	10.12913/22998624/203484
4563	Arvind R.; Santhi M.H.; Malathi G.	Experimental evaluation of metallic hybrid damper device using comb teeth damper and friction damper	Advances in Science and Technology Research Journal	19	7	223	233	1	10.12913/22998624/204081
4564	Venkata Lakshmi C.; Aravapalli A.; Venkatadri K.; Anwar Bég O.; Ramachandra Prasad V.	IMPACT OF JOULE HEATING AND HYDRO-MAGNETIC EFFECTS ON MIXED CONVECTION IN POROUS CAVITY USING LATTICE BOLTZMANN METHOD	East European Journal of Physics	2025	2	383	397	1	10.26565/2312-4334-2025-2-47

4565	Nivethitha V.; Daniel R.A.; Surya B.N.; Logeswari G.	Empowering public health: Leveraging AI for early detection, treatment, and disease prevention in communities - A scoping review	Journal of Postgraduate Medicine	71	2	74	81	1	10.4103/jpgm.jpgm_634_24
4566	R.S., Osei, Richard Sakyi; D., Lopez, Daphne	Deep Neural Networks and Experience Replay in Q-learning Extensions: A Review	International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems	33	4	401	432	1	10.1142/S0218488525500175
4567	B., Annamalai, Baskar; V., Parthiban, V.	FINITE ELEMENT ANALYSIS OF THE NONLOCAL DIFFUSION EFFECT IN A TWO-SPECIES CHEMOTAXIS SYSTEM	Discrete and Continuous Dynamical Systems - Series S	18	9	2525	2544	1	10.3934/dcdss.2024164
4568	S., Shivam Kumar Jha, S.; M., N, Mohana	Enhancing Shape Analysis with Persistent Homology for Edge Detection and Topological Feature Extraction	European Journal of Pure and Applied Mathematics					1	10.29020/nybg.ejpam.v18i3.6175
4569	O., Ramesh, Obbu; N., Tarakaramu, Nainaru; G.Y., Lakshmi, G. Yuvaroopa; S., Sharief Basha, Sharief; S.B., Iskandarov, Sarvar B.; A., Toyirov, Akbar; J., Yuldoshev, Jushkinbek; S.S., Sabirov, Sardor S.; K.K., Prashanth, K. K.	Planarity of Intuitionistic Pythagorean Fuzzy Graphs and Its Application in Decision Making	European Journal of Pure and Applied Mathematics					1	10.29020/nybg.ejpam.v18i3.6372

4570	K., Bharani Dharan, K.; S., Radha, S.	Resolving Parameters in Generalized Sierpi?ski Networks Over Cycle of Length Five	European Journal of Pure and Applied Mathematics					1	10.29020/nybg.ejpam.v18i3.6540
4571	N., Preethi, N.; G.K., Revathi, G. K.	Pythagorean Fuzzy Digital Fine Space Approach for Selecting Menstrual Hygiene Products in Rural Areas	European Journal of Pure and Applied Mathematics					1	10.29020/nybg.ejpam.v18i3.6598
4572	R., Pavithra, R.; P., Ramachandran, Prakash	Non-stationary signal analysis utilizing VMD and EMD algorithm for multiple fault classification for industrial applications	Journal of Intelligent and Fuzzy Systems					1	10.3233/JIFS-237546
4573	G., Saha, Goutam; P., Shahrear, Pabel; M.S., Rahman, Md Sadekur; R.K., Naji, Raid Kamel; M.N., Srinivas, M. N.; K., Das, Kalyan	Climate change potential impacts on mosquito-borne diseases: a mathematical modelling analysis	Tamkang Journal of Mathematics					1	10.5556/j.tkjm.56.2025.5286
4574	T., Aghalya, T.; R., Tamizharasi, R.; B., Manohar, Balakrishnama	Modeling of magnetohydrodynamic Casson nanofluid flow with nonlinear thermal radiation in a stretching porous channel using ANN and Levenberg?Marquardt optimization	Indian Journal of Chemical Technology					1	10.56042/ijct.v32i4.15958
4575	D., Mahalingam, Dharani; R., Kuppan, Ravi	Hybrid optimisation technique for electric vehicle battery charging via wireless power transfer with exergy analysis	International Journal of Exergy					1	10.1504/IJEX.2025.148559

4576	Thong, C.L.; Chaw, L.Y.; Cherukuri, A.K.	Enhancing Academic Writing through Non-Institutional Technologies (GenAI tool): A Case Study	Journal of Information and Knowledge Management					1	10.1142/S0219649225501011
4577	Sridhar, D.; Parimalarenganayaki, S.	Review on urban groundwater pollution an Indian perspective: Sources, analysis, and management strategies	Desalination and Water Treatment	324				1	10.1016/j.dwt.2025.101453
4578	Fernau, H.; Kuppusamy, L.; Raman, I.	Non-simple rule counting in semi-conditional grammars	Theoretical Computer Science	1060				1	10.1016/j.tcs.2025.115586
4579	Mahapatro, S.R.; Katal, N.; Prusty, S.B.	Design and Implementation of a Multi-Loop Type 2 Fuzzy PID Control for an Inverted Two-Input-Two-Output System	Journal of Intelligent and Fuzzy Systems					1	10.1177/18758967251350564
4580	D, D.; Sridharan, T.	A Study of the durability of sperm cell motility and deoxyribo-nucleic acid damage during cryopreservation	African Journal of Reproductive Health	29	10	30	39	1	10.29063/ajrh2025/v29i10.3
4581	Jebamalar, A.; Sudharsanan, R.; Ravikumar, G.; Sasikumar, M.	Assessing the effectiveness of rainwater harvesting structures in an urban environment	Desalination and Water Treatment	316		224	236	1	10.5004/dwt.2023.30189
4582	Pawar, M.V.; J, A.	Detection of blackhole and wormhole attacks in WSN enabled by optimal feature selection using self-Adaptive multi-verse optimiser with deep learning	International Journal of Communication Networks and Distributed Systems	26	4	409	445	1	

4583	Shaikh, T.; S.	Gelatin-Induced Solubility Enhancement of a Poorly Soluble Drug: Nebivolol Hydrochloride	Pharmaceutical Chemistry Journal	59	8	910	919	1	10.1007/s11094-025-03471-4
4584	Arunkumar, M.; Jindal, S.K.; Vijayvargiya, V.	Analytical Design and Numerical Simulation of MEMS Piezoresistive Pressure Sensors with Stacked SiC and SiO2 Diaphragms for Realizing Enhanced Reliable Performance before Fabrication Forecasting Critical Performance Metrics in Resistant Environmental Conditions	Journal of Circuits, Systems and Computers					1	10.1142/S0218126626500398
4585	Sumathi, M.; S.P.; A.; A.P.S.; Swetha, V.	Optimal load balancing in cloud computing using hybrid meta-heuristic algorithms	Journal of High Speed Networks					1	10.1177/09266801251396617
4586	Vinodkumar Reddy, M.; Ajithkumar, M.; Sucharitha, G.; Lakshminarayana, P.	Cattaneo-Christov heat flow analysis of hydromagnetic micropolar nanofluid over a chemically activated permeable stretching sheet	Indian Journal of Chemical Technology	32	5	593	604	1	10.56042/ijct.v32i5.17493
4587	Balachandran M., Rabbiraj C.	Artificial intelligence: a support system in inclusive education	International Journal of Knowledge and Learning	18	1	52	64	0.9	10.1504/IJKL.2025.143069
4588	Rajkhanna R.K., Rabbiraj C.	Clinical legal education in India through disruptive technology: the changing contours	International Journal of Knowledge and Learning	18	1	1	16	0.9	10.1504/IJKL.2025.143067

4589	Venkatachalam C., Umamaheswari M., Shah P., Thakur A.	Revolutionizing Brain Tumor Diagnosis: A Comprehensive Model Integrating VGG19 and LSTM for Accurate MRI Classification	International Journal of Pattern Recognition and Artificial Intelligence					0.9	10.1142/S0218001424570155
4590	Khatri J.; Prasad A.K.	EXACT L1 PENALTY FUNCTION FOR NONSMOOTH MULTIOBJECTIVE INTERVAL-VALUED PROBLEMS	Kybernetika	60	5	652	681	0.9	10.14736/kyb-2024-5-0652
4591	Karpurapu S.; Saikumar K.; Kocharla L.; Rao P.S.; Govathoti S.	SCALABLE INNOVATIVE FACTORS FOR SHAPING CONSUMER INTENTIONS ON ELECTRIC TWO-WHEELERS ADOPTIONS	Scalable Computing	25	6	4507	4517	0.9	10.12694/scpe.v25i6.3212
4592	Rajamanickam C.; Kayarathya J.; Oumagandan M.	Analysing the Impact of Emotional Learning on Student Well-Being: An Empirical Study	Journal of Information and Knowledge Management					0.9	10.1142/S0219649225500042
4593	Sundar R.D.V.; Arunachalam S.	Antibacterial effect of Dracaena indivisa leaf extracts	Bangladesh Journal of Pharmacology	19	3	103	105	0.9	10.3329/bjp.v19i3.75447
4594	Thong C.L.; Atallah Z.; Islam S.; Lim W.; Cherukuri A.K.	AI-powered Tools for Doctoral Supervision in Higher Education: A Systematic Review	Journal of Information and Knowledge Management					0.9	10.1142/S0219649225300013
4595	Deepak Maria Singh M.; Veeramani S.	Posinormal element in C∗-algebras	Rendiconti del Circolo Matematico di Palermo	74	3			0.9	10.1007/s12215-025-01204-w

4596	Nagelli A.; Saleena B.	Aspect-based Sentiment Analysis with Ontology-assisted Recommender System on Multilingual Data using Optimised Self-attention and Adaptive Deep Learning Network	Journal of Information and Knowledge Management					0.9	10.1142/S0219649225500224
4597	Kubendiran I.; Ramaiah M.	Flood Vulnerability Assessment in the Middle Brahmaputra River Basin, India: A Multitemporal Synthetic Aperture Radar Approach	Water Resources	52	1	172	182	0.9	10.1134/S0097807824603200
4598	Ramesh Babu G.; Pushpalatha N.; Khekare G.; Krishnamoorthy; El-Ebiary Y.A.B.; Devi S.A.	Enhanced Kidney Stone Detection through Hybrid Crow-Cuckoo Search Optimized Convolutional Deep Belief Network Model	Journal of Advances in Information Technology	16	3	380	395	0.9	10.12720/jait.16.3.380-395
4599	Balachandran M.; Rabbiraj C.	Legal study on the role and importance of technology in education for children with disabilities	International Journal of Knowledge and Learning	18	2	154	169	0.9	10.1504/IJKL.2025.145084
4600	Bhuvaneswari G.; Aravind B.R.; Rajest S.S.; Kumar S.A.	Virtual learning styles based on learning style detection	International Journal of Knowledge and Learning	18	2	115	133	0.9	10.1504/IJKL.2025.145083
4601	Sharmiladevi S.; Siva Sathya S.	Spatio-temporal patterns assisted deep learning model for PM2.5 prediction (STEEP)	Intelligent Data Analysis	29	1	141	155	0.9	10.3233/IDA-240028
4602	Murugusundaramoorthy G.; Güney H.Ö.	Universally prestarlike functions associated with generalized telephone numbers	Afrika Matematika	36	2			0.9	10.1007/s13370-025-01307-8

4603	Kasthuri A.; Suruliandi A.; Poongothai E.; Raja S.P.	Deep Learning-based Texture Feature Extraction Technique for Face Annotation	International Journal of Pattern Recognition and Artificial Intelligence	39	04-Mar			0.9	10.1142/S0218001425320015
4604	Gowtham P.; Alex J.S.R.	Low-Error ASIC Implementation of SoftMax Activation Function for Deep Neural Networks	Journal of Circuits, Systems and Computers					0.9	10.1142/S0218126625502287
4605	Ishwarya S.A.; Bhatia R.; Mishra P.; Stanimirović P.S.	NUMERICAL SOLUTION OF FOURTH ORDER GENERALISED KURAMOTOSIVASHINSKY EQUATION USING MODIFIED QUINTIC B-SPLINE DIFFERENTIAL QUADRATURE METHOD; [NUMERIČKO REŠENJE GENERALISANE JEDNAČINE ČETVRTOG REDA KURAMOTOSIVASHINSKY PRIMENOM MODIFIKOVANE PETOSTEPENE B-SPLAJN DIFERENCIJALNE METODE KVADRATURE]	Structural Integrity and Life	25		S57	S65	0.9	10.69644/ivk-2025-siA-0057
4606	Sakthishabarish K.; Kannabiran K.	MICROBIAL BIOREMEDIATION OF SYNTHETIC TEXTILE DYES AND FUTURE PROSPECTS OF BIOPIGMENTS: A SYSTEMATIC REVIEW	Environmental Engineering and Management Journal	24	1	165	179	0.9	10.30638/eemj.2025.014
4607	Wani S.A.; Nahid T.; William R.; Jeelani M.B.	On a new family of degenerate-Sheffer polynomials and related hybrid forms via generating function	Rendiconti del Circolo Matematico di Palermo	74	4			0.9	10.1007/s12215-025-01228-2

4608	Yogalakshmi K.; Easwaramoorthy D.	Estimation of fractal dimension for self-similar and molecular networks using topological indices	Arabian Journal of Mathematics					0.9	10.1007/s40065-025-00516-0
4609	Ramakrishnan D.; Sathiyamoorthy M.	A Critical Review on the Characterization and Distribution of Microplastic Contaminants in Indian Water Environments: Pathways and Related Hazards	Water Resources	52	2	372	386	0.9	10.1134/S009780782470163X
4610	Sidhaarth T.; Obla P.A.; Patil N.N.; Stamenkovic Z.; Raja S.P.	Enhanced Miss Forest and Multivariate Time Series Prediction of Wind Speed Using Deep Learning	Journal of Circuits, Systems and Computers					0.9	10.1142/S0218126625300065
4611	Gavali P.; Banu J.S.	DQFCNN: A New Deep Learning Architecture for Bird Species Classification Based on Images	Journal of Circuits, Systems and Computers					0.9	10.1142/S0218126625502895
4612	Abidi M.H.; Khare N.; D P.; Alkhalefah H.; Umer U.	EFS-XGBoost: A robust framework for precision classification of COVID-19 cases	Intelligent Data Analysis	29	1	171	185	0.9	10.3233/IDA-230854
4613	Megala G.; Swarnalatha P.	Stacked collaborative transformer network with contrastive learning for video moment localization	Intelligent Data Analysis	29	1	220	234	0.9	10.3233/IDA-240138
4614	Boppana V.; Prasad S.	Leveraging Quantum Computing for Context-Aware Restaurant Recommendations	Journal of Advances in Information Technology	16	6	786	800	0.9	10.12720/jait.16.6.786-800

4615	A., Kanagasabai, Adalarasu; J., Mohan, Jagannath; A.K., Pinagapani, Arun Kumar; S.K., Jaganathan, Saravana Kumar	Machine learning-based classification of adavu speed in Bharatanatyam dancers using 1D force platform data	Research in Dance Education					0.9	10.1080/14647893.2025.2524150
4616	T., Sebastian, Tania; J., Gogoi, Jupi	Addressing the Dinosaur in the room: The curious cases of registrations of prohibited marks by the Indian trade marks registry	Journal of World Intellectual Property					0.9	10.1111/jwip.70002
4617	I.O., Bajunaid, Ibtesam O.; M., Venkataraman, Madhu; V.R., Manivannan, Varadha Raj	Eigenfunctions on an infinite Schr&#65533;dinger network	Open Mathematics	23	1			0.9	10.1515/math-2025-0158
4618	K., Dhanalakshmi, K.; T., Sathiyaraj, T.; S., Harshavarthini, Shanmugam; S.J., Achar, Sindhu J.; H., Hassanabadi, Hassan	T-controllability of stochastic Benjamin-Bona-Mahony equation with non-instantaneous impulses driven by non-local conditions	Bulletin des Sciences Mathematiques					0.9	10.1016/j.bulsci.2025.103708
4619	A., Ammar, Aymen; J., Ganesh, Jadav; S., Veeramani, S.	Some notable results on approximate pseudospectrum	Filomat					0.9	10.2298/FIL2513371A

4620	M., Ullah, Mohib; S.A., Alhajouj, Sondos A.; A., Basit, Abdul; Hazratullah; R.M., Alzayed, Rasha M.; M.O., Ghobashy, Madeha O.I.; M., Alatawy, Marfat; A.M., Almutrafy, Abeer M.; F.M., Albalwe, Fauzeya Mateq; A.D., Altalhi, Abdalla D.	SCREENING OF BACTERIAL STRAINS FOR HEAVY METAL STRESS TOLERANCE, ANTIMICROBIAL POTENTIAL, AND OPTIMUM GROWTH AT A WIDE RANGE OF pH AND TEMPERATURES	Pakistan Journal of Botany					0.9	10.30848/PJB2025-5(39)
4621	T., Prathap, T.; R., Nageshwar Rao, R.	Exponentially fitted finite difference methods for a singularly perturbed nonlinear differential-difference equation with a small negative shift	Bulletin of the Karaganda University. Mathematics Series					0.9	10.31489/2025m2/189-207
4622	A.M., Regal, Akhila Mariya; S.D., Kumar, S. Dinesh	Non-polynomial spline method for singularly perturbed differential difference equations with delay and advance terms	Bulletin of the Karaganda University. Mathematics Series					0.9	10.31489/2025m2/208-221
4623	Khatri, S.; Prasad, A.K.	Duality for second order nondifferentiable multiobjective fractional variational problems	Filomat	39	14	4719	4734	0.9	10.2298/FIL2514719K
4624	Ashifa, A.; Rasi, R.A.; Ahmad, M.S.; Oztas, N.; Ayan, F.S.	Evolving Social Capital in Indigenous Communities: Perspectives on Trust, Reciprocity, and Cultural Preservation Among Irula Elders	Journal of Social Service Research					0.9	10.1080/01488376.2025.2579519

4625	Kumar, S.; Mishra, S.K.; Mishra, G.K.; Mishra, L.N.; Rathour, L.	The pseudo-Chebyshev wavelets and its applications in the error of the functions of bounded variation	Filomat	39	25	8961	8974	0.9	10.2298/FIL2525961K
4626	Rajagopal, P.; Karmakar, M.	?Stop Treating Me Like I?m Crazy? ? Dementia, Agency, and Exploitation in Alice LaPlante?s Turn of Mind	Human Arenas					0.9	10.1007/s42087-025-00543-5
4627	Dar, Z.M.; Muthusamy, C.; Manzini, G.	Virtual Element Method for Time-Fractional Convection-Diffusion Equations: A Computational Approach	Differential Equations and Dynamical Systems					0.9	10.1007/s12591-025-00744-y
4628	Hussain, M.S.; Jakhmola, V.; Maqbool, M.; Rana, A.J.; Sultana, A.; Ramalingam, P.S.; Arumugam, S.; Goyal, K.; Rekha, A.; Gupta, S.; Ali, H.; Gupta, G.	The Dual Identity of Laurus nobilis L.: A Culinary Delight and Pharmacological Treasure	Current Traditional Medicine	12				0.9	10.2174/0122150838401509250818105001
4629	Vinayagam K., Natarajan R.	Polarization Reconfigurable Patch Antenna Using Parasitic Elements for Sub–6 GHz Applications	International Journal of Electrical and Computer Engineering Systems	16	1	1	7	0.8	10.32985/ijeces.16.1.1
4630	Rajakumari R., Dhivya M.	Computational exploration and flow control analysis of alumina – magnetite/water-based hybrid nanofluid over a permeable Riga plate under the impact of Soret-Dufour effects	Latin American Applied Research	55	1	47	56	0.8	10.52292/j.laar.2025.3434

4631	Palaniappan I.V., Rajamanickam S.T., Ponnuvel S.V., Chakrapani V.	Bandwidth enhancement of resonating absorber using a lossy dielectric layer for RCS reduction in X-band	Frequenz					0.8	10.1515/freq-2024-0290
4632	Khatri J.; Prasad A.K.	Optimality and duality for interval-valued vector problems	Filomat	38	26	9091	9110	0.8	10.2298/FIL2426091K
4633	Murugusundaramoorthy G.; Degaichia H.; Boulaaras S.; Guefaifia R.	Applications on a subclass of parabolic starlike functions connected with Mittag-Leffler function	Filomat	38	26	9249	9263	0.8	10.2298/FIL2426249M
4634	Puthusseri A.; Kumar D.R.	Some coupled fixed point theorems for (ψ, ϕ)-contraction with applications to fractals	Filomat	38	26	9305	9320	0.8	10.2298/FIL2426305P
4635	Veligeti M.S.R.K.; Pavithra L.K.	Review on Detecting Facial Emotions Using Deep Learning for Mental Health Applications	International Journal of Image and Graphics					0.8	10.1142/S0219467826500439
4636	Vivek S.; Shukla A.; Panda S.K.; Vijayakumar V.; Radhika T.	Neutral stochastic hemivariational inequalities with impulses: existence and approximate controllability	Stochastics					0.8	10.1080/17442508.2025.2462825
4637	Perepi R.; Prasad V.R.; Bég O.A.; Parthiban S.	Magneto-convective flow in a differentially heated enclosure containing a non-Darcy porous medium with thermal radiation effects: a lattice Boltzmann simulation	Journal of the Korean Physical Society					0.8	10.1007/s40042-024-01241-1

4638	Pradeesh J.; Panda S.K.; Vijayakumar V.; Jothimani K.; Valliammal N.	New discussion on the approximate controllability of Sobolev-type Hilfer fractional stochastic mixed Volterra-Fredholm integrodifferential inclusions of order $1 < \mu < 2$	Stochastic Analysis and Applications					0.8	10.1080/07362994.2024.2443290
4639	Ramasekhar G.; Jakeer S.; Reddy S.R.R.; Sai A.A.; Durgaprasad P.; Sajidha S.A.; Shukla P.; Prakash P.	SEMI-ANALYTICAL APPROACH OF RHEOLOGICAL PROPERTIES OF BLOOD/SILVER-GOLD HYBRID NANOFLUID FLOW IN A CIRCULAR DISK: APPLICATION TO THE HUMAN CIRCULATORY SYSTEMS	Journal of Mechanics in Medicine and Biology					0.8	10.1142/S0219519424500507
4640	Durga N.; Nageshwari S.; Chalishajar D.N.	Total controllability of stochastic non-instantaneous impulsive Hilfer fractional switched dynamic systems with deviated arguments	Stochastic Analysis and Applications	43	2	273	302	0.8	10.1080/07362994.2025.2458297
4641	Roy S.; Dey S.; Ünal B.	Characterizations of relativistic magneto-fluid spacetimes admitting Einstein soliton	Filomat	39	4	1235	1245	0.8	10.2298/FIL2504235R
4642	Prabakaran N.; Rajan N.; Chagalasetty S.; Kakani V.	A Comprehensive Review of Food Recommendation Systems in the Context of Nutritional Therapy for Diabetes Mellitus	Current Nutrition and Food Science	21	1	14	34	0.8	10.2174/0115734013297002240522063241

4643	Clinton Wilson B.V.; Mohan Varma D.S.	Cost-Effective Clinical Methods to Evaluate the Efficacy of Gait Training Devices: A Systematic Review of Randomized Controlled Trials	Journal of Medical Devices	19	1			0.8	10.1115/1.4067349
4644	Padma Sri Lekha P.; Abdul Azeez E.P.	The prospects of salutogenic orientation in integrated behavioral health: a conceptual framework	Journal of Integrated Care					0.8	10.1108/JICA-12-2024-0077
4645	Idrisi M.I.; Kour S.; Rao N.	Euler I-convergence and its associated sequence spaces	Filomat	39	10	3239	3247	0.8	10.2298/FIL2510239I
4646	Balakrishna K.; Rao A.N.	SUBTRACTIVE SPATIAL LIGHT WEIGHT MODEL WITH TREE FUSION METHOD FOR DENOISING AND RECONSTRUCTION OF LOW DOSE BRAIN TUMOR CT IMAGES	Journal of Mechanics in Medicine and Biology					0.8	10.1142/S0219519425300030
4647	Fathi A.; Augustine T.; Husin M.N.; Vijay J.S.; Thomas J.M.; Roy S.	Graph Theoretical Approach to Topological Features of Zeolitic Tetrahedral Imidazolate Framework-3	Malaysian Journal of Fundamental and Applied Sciences	21	2	1823	1831	0.8	10.11113/mjfas.v21n2.4127
4648	Dhaya M.; Sundaram N.	Financial technology: The catalyst for BRICS' economic and financial leap	Economics and Finance Letters	12	1	50	60	0.8	10.18488/29.v12i1.4093

4649	George J.; Ghosh A.R.	Effects of Inulin and Fructooligosaccharide on the Survival of Microencapsulated Probiotic Pediococcus pentosaceus GS4 in Alginate Beads Coated with Chitosan in Simulated Gastrointestinal Fluid and at Different Storage Conditions	Current Nutrition and Food Science	21	5	633	643	0.8	10.2174/0115734013359717241125101907
4650	Aarathi T.; Subramanyam Reddy A.	Thermal analysis of a chemically reactive micropolar nanofluid flow over a stretching cylinder: Cattaneo–Christov double-diffusion approach	Journal of the Korean Physical Society					0.8	10.1007/s40042-025-01352-3
4651	Mamaeva A.A.; Kenzhegulov A.K.; Panichkin A.V.; Panigrahi M.; Fischer D.E.	Study of tribological characteristics of micro-arc calcium phosphate coatings on titanium	Kompleksnoe Ispolzovanie Mineralnogo Syra	333	2	41	50	0.8	10.31643/2025/6445.16
4652	Jayaraman G.; Singh I.; Choudhary D.K.	Minimised Four-Port MIMO Antenna for Sub-6 GHz and Satellite Applications	Defence Science Journal	75	3	318	324	0.8	10.14429/dsj.20900
4653	Mounisha M.; Vamsi V.K.; Rajpoot V.; Kumar R.A.; Verma R.K.	PSO-Based Resource Allocation in Cognitive Radio Ad-Hoc Network	Defence Science Journal	75	3	331	338	0.8	10.14429/dsj.20908
4654	Sagar P.R.; Shah A.H.; Sarma S.S.	Design, fabrication and testing of microwave bandpass filter using metamaterial integrated rectangular waveguide	Frequenz					0.8	10.1515/freq-2024-0206

4655	Ponnusamy V.; Muthaiyan R.; Subramanian S.; Govindasamy R.	Silicon Carbide Nanoparticle-Enabled Strengthening of Aluminum and Copper Resistance Spot Welds	Medziagotyra	32	2	171	176	0.8	10.5755/j02.ms.38335
4656	K., Nandhaprasadh, K.; S., Sivasankar, Sivajiganesan; U., Ramalingam, Udhayakumar	Optimal Feedback Control in Hilfer Fractional Neutral Stochastic Delay Evolution Hemivariational Inequalities via Almost Sectorial Operator	Complex Analysis and Operator Theory					0.8	10.1007/s11785-025-01768-6
4657	R., Sasikumar, R.; V., Vijayakumar, Velusamy	An analysis on the approximate controllability of second-order damped stochastic differential inclusions with state-dependent delay	Complex Analysis and Operator Theory					0.8	10.1007/s11785-025-01770-y
4658	A., Priyadharshini, A.; V., Vijayakumar, Velusamy	An investigation on the approximate controllability of non-densely defined Hilfer fractional stochastic differential inclusions in Hilbert spaces	Complex Analysis and Operator Theory					0.8	10.1007/s11785-025-01771-x
4659	A., Dhanush, A.; V., Vijayakumar, Velusamy	An Analysis on the Time Optimal Control Results for Hilfer Fractional Hemivariational Inequalities	Complex Analysis and Operator Theory					0.8	10.1007/s11785-025-01772-w
4660	K., Dhawan, Kanika; S., Kumar, Shivam; R., Kumar Vats, Ramesh; V., Vijayakumar, Velusamy	Analysis of ?-Hilfer Fractional Integro-Differential Equations with Integral Boundary Conditions	Complex Analysis and Operator Theory					0.8	10.1007/s11785-025-01776-6

4661	K., Maheswari, K.; R., Ganapathy, Rajasekaran	The Rainbow Mean Index of Corona Product of Graphs	International Journal of Analysis and Applications					0.8	10.28924/2291-8639-23-2025-181
4662	Y., Ma, Yong-ki; K., Jothimani, Kasthurisamy; N., Valliammal, N.; V., Vijayakumar, Velusamy	Fractional Neutral Pantograph Systems with Non-Singular Kernel: Analysis and Numerical Approximation	Complex Analysis and Operator Theory					0.8	10.1007/s11785-025-01798-0
4663	A., Sharma, Anshul; A., Haq, Abdul; S.N., Mishra, Suyash Narayan; A., Shukla, Anurag	Stability Behavior of Nonlinear Fractional Discrete Systems with Riemann-Liouville Nabla Dynamics of Order (1,2)	Complex Analysis and Operator Theory					0.8	10.1007/s11785-025-01818-z
4664	K., Jothimani, Kasthurisamy; N., Valliammal, N.; V., Vijayakumar, Velusamy	A Class of Nonlinear Hilfer Fractional Differential Control System with Distributed Delay and Damping	Complex Analysis and Operator Theory					0.8	10.1007/s11785-025-01817-0
4665	S.K., Panda, Sumati Kumari; V., Vijayakumar, Velusamy; R.P., Agarwal, Ravi P.	On the Uniform Stability of Fractional-Order Neural Networks and Solutions to Nonlinear Mixed Integral Equations via Nonlinear ?-contractions	Complex Analysis and Operator Theory					0.8	10.1007/s11785-025-01815-2
4666	S., Ashwini, S.; M.R., Salestina, M. Ruby; G., Murugusundaramoorthy, Gangadharan	Third Hankel Determinant and Zalcman Functional for Sakaguchi Type Starlike Functions Involving q-Derivative Operator Related with Sine Function	International Journal of Analysis and Applications					0.8	10.28924/2291-8639-23-2025-209

4667	M., Nandeesh, M.; M.R., Salestina, M. Ruby; Archana; G., Murugusundaramoorthy, Gangadharan	Estimate on Logarithmic Co-Efficients of Sokol-Stankiewicz Type Star-Like Function Associated with Caratheodory Functions	International Journal of Analysis and Applications					0.8	10.28924/2291-8639-23-2025-191
4668	J., Bhuvaneswari, J.; D., Easwaramoorthy, D.	Fuzzy Generalized Fractal Dimensions on Sierpi?ski and Social Network Graphs	International Journal of Analysis and Applications					0.8	10.28924/2291-8639-23-2025-199
4669	K., Nithya, K.; K., Thilagavathi, K.	Analysis of Well-Posedness for Second-Order Explicit Neutral Integro-Differential Equations with State-Dependent Delay	Complex Analysis and Operator Theory					0.8	10.1007/s11785-025-01803-6
4670	R., Sasikumar, R.; V., Vijayakumar, Velusamy	A Class of Second-Order Damped Neutral Stochastic Differential Control Systems with State-Dependent Delay and Impulses	Complex Analysis and Operator Theory					0.8	10.1007/s11785-025-01794-4
4671	Hariharan, R.; Saradha, M.; M.S.; Ramalingam, R.	Existence and Uniqueness of Hilfer-Katugampola Fractional Differential Equations with Almost Sectorial Operators	Complex Analysis and Operator Theory	19	8			0.8	10.1007/s11785-025-01850-z
4672	Narenshakthi, T.; Dharani, S.	Hybrid-Triggered Control for Uncertain Networked Control System with Time-Varying Delay and DoS Attacks via Two-Sided Looped Functional	Complex Analysis and Operator Theory	19	7			0.8	10.1007/s11785-025-01829-w
4673	Johnson, M.; Vijayakumar, V.; Kwon, K.	Resolvent Operator Method for Controllability in Non-autonomous Second Order Stochastic Integrodifferential Systems with Clarke Subdifferential	Complex Analysis and Operator Theory	19	7			0.8	10.1007/s11785-025-01830-3

4674	Maheswari, M.L.; Nandhini, R.; Vijayakumar, V.	Solvability of nonlocal boundary value problems for fractional delay integro-differential equations by using fixed-point technique	Complex Analysis and Operator Theory	19	7			0.8	10.1007/s11785-025-01832-1
4675	Ma, Y.-K.; Panda, S.K.; Shukla, A.; Vijayakumar, V.	Discussion on the Approximate Controllability Results for Sobolev Type Second Order Impulsive Differential Inclusions Driven by Hemivariational Inequalities	Complex Analysis and Operator Theory	20	1			0.8	10.1007/s11785-025-01857-6
4676	Ma, Y.-K.; Sivakumar, M.; Dharani, S.	Stability and Instability Analysis of a Holling Type III Diffusive Leslie-Gower Predator-Prey Model with Harvesting Rate	Complex Analysis and Operator Theory	20	1			0.8	10.1007/s11785-025-01865-6
4677	Murugusundaramoorthy, G.; Vijaya, K.; Cot?rl?, L.-I.	On Babalola-Type Bi-Starlike Functions Based on Erd?ly?Kober Fractional-Order Derivative Subordinate to Second Einstein Function	Complex Analysis and Operator Theory	19	8			0.8	10.1007/s11785-025-01848-7
4678	Tharunraj, K.G.; Ragukumar, P.	Effective Conversion of Non-Prime Graphs to Prime Graphs	International Journal of Analysis and Applications	23				0.8	10.28924/2291-8639-23-2025-254
4679	Karthikeyan, K.R.; Vijaya, K.; Uma, K.; Senguttuvan, A.	Non-Bazilevi? Functions Defined by Generalized M-Series Subordinating With Generalized Telephone Numbers	International Journal of Analysis and Applications	23				0.8	10.28924/2291-8639-23-2025-233

4680	Nandhaprasadh, K.; Sivasankar, S.; Ramalingam, R.	Existence and approximate controllability results for Hilfer fractional stochastic Volterra integro-differential systems	Complex Analysis and Operator Theory	19	8			0.8	10.1007/s11785-025-01859-4
4681	Swain, S.; Baral, A.; Satish, L.	Fabrication of SnNb2O6/g-C3N4 Heterostructure for Enhanced Supercapacitor Energy Storage	Russian Journal of General Chemistry	95	11	3335	3342	0.8	10.1134/S1070363225604661
4682	M.; Meera, B.	Mnemonic Intersections: Renegotiating Turkey?s Contested Past through Familial Memory in Fethiye ?etin?s My Grandmother	3L: Language, Linguistics, Literature	31	4	39	52	0.8	10.17576/3L-2025-3104-03
4683	Maheswari, K.; Ganapathy, G.	The Rainbow Mean Coloring of Some Operations of Graphs	International Journal of Analysis and Applications	23				0.8	10.28924/2291-8639-23-2025-304
4684	Elumalai, R.; Anjaneyulu, G.S.G.N.	Novel Way of Generating Random Numbers Using Lucas Sequence and Associated in ATM/Ecommerce for Secured Online Transactions	International Journal of Analysis and Applications	23				0.8	10.28924/2291-8639-23-2025-305
4685	Gomathi, D.; Sivakumar, S.	A Lightweight Symmetric Encryption Framework Using Homogeneous and Non-Homogeneous Caterpillar Graphs	International Journal of Analysis and Applications	23				0.8	10.28924/2291-8639-23-2025-312
4686	Surya Priya, M.S.; Nathiya, N.	A Pertubation Matrix and Its Eigen Functions	International Journal of Analysis and Applications	23				0.8	10.28924/2291-8639-23-2025-313

4687	Veera, C.R.; Hazra, P.; Tetala, K.K.R.	Infusion Cloning, Expression And Purification Of The Recombinant Rituximab Produced In Cho Cells	Journal of Microbiology, Biotechnology and Food Sciences	15	3	1	12	0.8	10.55251/jmbfs.12777
4688	Deepika, P.; Mohana Sundari, L.M.	Deep Reinforcement Learning-Refined Neural Network for Singularly Perturbed Delay Partial differential equations	International Journal of Mathematics and Computer Science	20	4	953	967	0.8	10.69793/ijmcs/04.2025/mohana
4689	Shanmugapriya, R.S.; Vijayakumar, V.	Discussion on the Optimal Feedback Control Results for Second-Order Non-Autonomous Damped Impulsive System with Generalized Clarke?s Subdifferential Type	Complex Analysis and Operator Theory	20	1			0.8	10.1007/s11785-025-01868-3
4690	Annadurai, A.; Vijayakumar, V.	Existence results of non-densely defined Sobolev type Hilfer fractional stochastic differential inclusions with nonlocal conditions	Complex Analysis and Operator Theory	20	1			0.8	10.1007/s11785-025-01869-2
4691	Sri Takshara K., Bhuvaneswari G.	Empowering visually impaired individuals: The transformative roles of education, technology, and social connections in fostering resilience and well-being	British Journal of Visual Impairment					0.7	10.1177/02646196241310995
4692	Priyadharsini M., David Maxim Gururaj A., Sheremet M.	Effect of Iron Oxide Nanoparticles on Blood Flow: A Mathematical Approach to Hyperthermia Treatment	Journal of Computational and Theoretical Transport					0.7	10.1080/23324309.2024.2446160

4693	Rajeshkumar A., Ramadass S., Chandrasekaran P., Saravana Kumar M., Ashokkumar N., Ashok S., Thirumeninathan S., Krishnaprabu N.	Enhancing black gram “[Vigna mungo (l.) Hepper]” nutrient uptake and yield through integrated use of organic manure and inorganic fertilizer application	Plant Science Today	12	1			0.7	10.14719/pst.2880
4694	Masilamani V.; Bharathyuvaraj R.; Elangovan V.R.; Ramji H.; Subramanian M.; Saravanan M.; Jothimani D.; Moses F.; Megalai M.; Gopal V.; Duraivel S.	Leveraging artificial intelligence for advancements in reproductive health	African journal of reproductive health	28	11	216	217	0.7	10.29063/ajrh2024/v28i11.21
4695	Latchoumanane V.; Varadhan M.; Semaničová-Feňovčíková A.	The direct product of a star and a path is antimagic	Hacettepe Journal of Mathematics and Statistics	53	6	1698	1711	0.7	10.15672/hujms.1308520
4696	Noorjahan S.; Basha S.S.	Decision-making using the correlation coefficient measures of intuitionistic fuzzy rough graph	Hacettepe Journal of Mathematics and Statistics	53	6	1774	1797	0.7	10.15672/hujms.1486239
4697	Hikkimath G.K.; Patel D.K.	Numerical Investigation on the Effect of Burner Inclination Angle on Methane-Air Combustion in Multi-Regime Burner	International Journal of Heat and Technology	42	6	2193	2206	0.7	10.18280/ijht.420638
4698	Bhargavi P.; Sarath T.; Gopichand G.; Ramesh Babu G.V.; Haritha T.; Krishna A.V.	Deep Ensemble Method for Healthcare Asset Mapping Using Geographical Information System and Hyperspectral Images of Tirupati Region	International Journal of Advanced Computer Science and Applications	15	12	125	133	0.7	10.14569/IJACSA.2024.0151213

4699	Hoechsmann M.; McKee M.; Kumaran B.	Convoy, coalition, and conspiracy: Finding common cause in anti-vaxxer movements	Review of Education, Pedagogy, and Cultural Studies					0.7	10.1080/10714413.2024.2427904
4700	Rajesh M.; Kumar R.S.	Unveiling the pharmacological potential of guava (Psidium guajava L.): A review	Plant Science Today	11				0.7	10.14719/pst.5758
4701	Nandhini B.; Sruthakeerthi B.	On Sharp Estimates of the Bounded Turning Functions Associated with a Bean Shaped Domain	Complex Analysis and Operator Theory	19	2			0.7	10.1007/s11785-025-01660-3
4702	Sivasankari M.; Yamuna M.	A Computational Approach towards Fragment Based Drug Design and Analysis Using G = (V, E) Decomposition	International Journal of Analysis and Applications	23				0.7	10.28924/2291-8639-23-2025-26
4703	Hajiabadi Z.; Purnama I.; Nugroho A.; Cao H.; Chandrasekaran S.; Mukhtar H.; Georgiadou D.G.; Chong H.M.H.; Thomas D.B.; Simanjuntak F.M.	ZnO-based memristor for random number generator: The case of current compliance	Electronics Letters	61	1			0.7	10.1049/ell2.70165
4704	Indhumathi S.; Christopher Clement J.	Dolphin Inspired Optimization for Feature Extraction in Augmented Reality Tracking	International Journal of Advanced Computer Science and Applications	16	1	1107	1116	0.7	10.14569/IJACSA.2025.01601107

4705	Valathoor M.N.; Venugopal S.	Molecular Docking and Dynamic Simulation Approach to Target Penicillin-Binding Protein 1B (LpoB) of Salmonella typhimurium with Flavonoids	Current Pharmaceutical Analysis					0.7	10.2174/0115734129335204240919071902
4706	Saha A.; Das S.K.	THE EFFECT OF A HYPOCYCLOID IRREGULARITY ON TORSIONAL SURFACE WAVES IN A MULTILAYER SYSTEM; [ЕФЕКАТ ХИПОЦИКЛОИДНЕ НЕПРАВИЛНОСТИ НА ТОРЗИОНЕ ПОВРШИНСКЕ ТАЛАСЕ У ВИШСЛОЈНОМ СИСТЕМУ]	Theoretical and Applied Mechanics	51	2	119	136	0.7	10.2298/TAM240112007S
4707	Jeong M.; Gavande V.; Jambulingam R.; Sapkal N.P.; Lee W.-K.	Study on mechanical and thermal properties of polyethylene with ultra-high molecular weight polypropylene-b-polyethylene copolymers as filler	Molecular Crystals and Liquid Crystals					0.7	10.1080/15421406.2025.2462345
4708	Pandiyan N.; Narayan S.	Comparative Analysis of Cardiac Disease Classification Using a Deep Learning Model Embedded with a Bio-Inspired Algorithm	International Journal of Advanced Computer Science and Applications	16	2	976	986	0.7	10.14569/IJACSA.2025.0160296
4709	Das U.; Nidoni U.; Kurubar A.; Prasad S.S.; Balaji M.	Assessment of suitability of ber (Ziziphus mauritiana L.) cultivars for value addition through dehydration technology	Plant Science Today	12	1			0.7	10.14719/pst.5124

4710	Nataraj C.; Alagirisamy M.; Niranjan H.; Thirupathi Reddy P.; Venkateswarlu B.	SUBCLASS OF ANALYTIC FUNCTIONS DEFINED BY MILLER-ROSS-TYPE POISSON DISTRIBUTION SERIES	International Journal of Analysis and Applications	23				0.7	10.28924/2291-8639-23-2025-60
4711	Nidamanuri S.; Syed Masood J.A.I.; Asirvatham D.; Bin Abas F.S.; Veerappan K.N.G.; Budiman F.; Alam N.M.D.; Sugumaran V.	PREDICTIVE DEEP LEARNING MODELS TO IDENTIFY TRAUMATIC BRAIN INJURIES USING MRI DATA	Journal of Engineering Science and Technology	20	2	362	379	0.7	
4712	Jyothirmayee K.P.; Krishnan K.	Production of value-added Polyhydroxyalkanoates (PHA) by fungi using dairy wastewater as a carbon source	Indian Journal of Natural Products and Resources	16	1	192	199	0.7	10.56042/ijnpr.v16i1.9777
4713	Raj L.; Batumalay M.; Batumalai C.; Prabadevi B.	IoT-Based Integrated Heads-Up Display for Motorcycle Helmet	International Journal of Advanced Computer Science and Applications	15	9	328	332	0.7	10.14569/IJACSA.2024.0150932
4714	Babu B.S.; Jothi K.R.	A Robust Model for a Healthcare System with Chunk Based RAID Encryption in a Multitenant Blockchain Network	International Journal of Advanced Computer Science and Applications	15	11	1238	1249	0.7	10.14569/IJACSA.2024.01511122
4715	Nandhaprasadh K.; Udhayakumar R.	Approximate Controllability Results for Stochastic Evolution Inclusions with Hilfer Fractional Substantial Derivative	Complex Analysis and Operator Theory	19	4			0.7	10.1007/s11785-025-01689-4

4716	Lakshmi S.; Nivethaa E.A.K.; Palanivelu K.; Ramachandran A.	Influence of sunspot activity and EL Niño southern oscillation on northeast monsoon rainfall in the coastal districts of Tamil Nadu	Mausam	76	2	577	590	0.7	10.54302/mausam.v76i2.6596
4717	Chatterjee D.; Sivashanmugam K.	Unraveling the Complex Antimicrobial Resistance Gene Network of Pseudomonas aeruginosa using Systems Biology Approach	Journal of Pure and Applied Microbiology	19	1	106	117	0.7	10.22207/JPAM.19.1.01
4718	Vivek K.; Rao R.N.	Fitted Operator Methods for Singularly Perturbed Differential-Difference Equations via Splines	Computational Mathematics and Mathematical Physics	65	2	252	269	0.7	10.1134/S0965542524702051
4719	Paul S.K.; Mishra L.N.	Asymptotic Stability and Approximate Solutions to Quadratic Functional Integral Equations Containing ψ-Riemann–Liouville Fractional Integral Operator	Computational Mathematics and Mathematical Physics	65	2	320	338	0.7	10.1134/S096554252470204X
4720	Noorjahan S.; Basha S.S.	The Laplacian energy of an intuitionistic fuzzy rough graph and its utilisation in decision-making	Operations Research and Decisions	35	1	81	107	0.7	10.37190/ord250104
4721	Mahapatra K.; Selvakumar R.	Detection of Alzheimer's Disease using Explainable Machine Learning and Mathematical Models	Journal of Medical Physics	50	1	131	139	0.7	10.4103/jmp.jmp_128_24

4722	Theresa K.; Vijayakumar S.; Hena J.V.; Raja V.	Soil pH, salinity and nutrient release dynamics in paddy soil influenced by varied levels of NPK fertilizers: Anaerobic incubation study	Plant Science Today	12	2			0.7	10.14719/pst.7612
4723	Balapriya R.; Sugumar D.; Murugan S.; Mandipudi R.; Nunna P.K.; Angulakshmi M.; Vijayakumar G.N.S.; Yadav A.S.	Split Ring Resonator Printed Microstip Based Antenna array for Satellite and Radar Applications	Journal of New Materials for Electrochemical Systems	28	1	35	41	0.7	10.14447/jnmes.v28i1.a03
4724	Kathiravan J.; Shaik K.B.	Extended q-Difference Operator of the Second Kind: Analytical Insights and Diverse Applications	International Journal of Analysis and Applications	23				0.7	10.28924/2291-8639-23-2025-66
4725	Sangeetha R.G.; Hemanth C.; Venkatesh T.G.	Performance analysis of the contention-based access periods of the IEEE 802.11ad hybrid MAC based on Pareto arrivals	International Journal of Ad Hoc and Ubiquitous Computing	48	4	224	232	0.7	10.1504/IJAHUC.2025.145199
4726	Manohar D.; Jagadisan S.; Raghavan D.	EXAMINING THE SPATIAL DISTRIBUTION PATTERNS, DYNAMICS AND INFLUENCING FACTORS OF THE GROWTH OF INDIA'S TIER 2 CITIES: A CASE STUDY OF ARCOT, TAMIL NADU	Journal of Engineering Science and Technology	19		222	234	0.7	
4727	Sundari G.S.; Phaneendra T.	Contractive Fixed Points in a Rectangular Metric Space and Applications	Sahand Communications in Mathematical Analysis	22	2	47	72	0.7	10.22130/scma.2024.2031468.1757

4728	Karthika S.K.; Singh K.	Analysing theoretical and neural distinguishers in Salsa 128 bits	International Journal of Ad Hoc and Ubiquitous Computing	49	1	43	59	0.7	10.1504/IJAHUC.2025.146120
4729	Vasantha V.; Subramanian P.; Kishorathi D.K.	Effect of elevated carbon dioxide on the control of lesser grain borer (Rhyzopertha dominica) in stored rice and its impact on seed quality	Plant Science Today	12	2			0.7	10.14719/pst.4971
4730	Amulya Smyrna C.; Nathiya N.	A Note on Dirichlet, Poisson and Neumann Problems on Infinite Networks	Complex Analysis and Operator Theory	19	4			0.7	10.1007/s11785-025-01690-x
4731	Nandhaprasadh K.; Udhayakumar R.	Existence Results for Fractional Stochastic Evolution Equations with Infinite Delay on an Infinite Interval of Order ℓ∈(1,2)	Complex Analysis and Operator Theory	19	5			0.7	10.1007/s11785-025-01707-5
4732	Nandhaprasadh K.; Udhayakumar R.	Controllability Results for Hilfer Fractional Sobolev-type Stochastic Differential System via Measure of Noncompactness	Complex Analysis and Operator Theory	19	5			0.7	10.1007/s11785-025-01709-3
4733	Hariharan S.; Manimaran J.; Shangerganesh L.	STABILITY ANALYSIS FOR A TIME-FRACTIONAL SIR EPIDEMIC DISEASE MODEL WITH VARYING POPULATION SIZES	Rocky Mountain Journal of Mathematics	55	1	211	225	0.7	10.1216/rmj.2025.55.211
4734	Surya G.; Anbarasan P.	Market analysis of micro-irrigation systems in Vellore district, South India	Plant Science Today	12	2			0.7	10.14719/pst.7806

4735	Giri M.K.; Kondooru R.	Exploring the Inclusion Properties of Integral Operators Related to the Pascal Distribution Series in Certain Subclasses of Univalent Functions	Sahand Communications in Mathematical Analysis	22	2	261	289	0.7	10.22130/scma.2024.2022462.1920
4736	Nandhaprasadh K.; Sivasankar S.; Udhayakumar R.	Partial Approximate Controllability of Hilfer Fractional Stochastic Differential System with Nonlocal Conditions	Complex Analysis and Operator Theory	19	5			0.7	10.1007/s11785-025-01740-4
4737	Gokul G.; Udhayakumar R.	Optimal Feedback Control of ψ-Hilfer Fractional Differential System with Hemivariational Inequalities	Complex Analysis and Operator Theory	19	5			0.7	10.1007/s11785-025-01741-3
4738	Dinesh P.; Lakshmanan R.	FB-PNet: A Semantic Segmentation Model for Automated Plant Leaf and Disease Annotation	International Journal of Advanced Computer Science and Applications	16	5	505	516	0.7	10.14569/IJACSA.2025.0160549
4739	Rajeshwari, S.; Rajesh, M.	On optimal vertex ordering of Cartesian product of complete graphs and its optimal layout on paths and grids	International Journal of Parallel, Emergent and Distributed Systems					0.7	10.1080/17445760.2025.2595653
4740	Subramani P., Dhakshnamoorthy K.	Spatio-Temporal Analysis and Prediction by Logistic Regression of Respiratory Diseases in India	Contemporary Mathematics (Singapore)	6	1	346	366	0.6	10.37256/cm.6120255923
4741	Jayashri P., Umamaheswari S.	Entrepreneurial Strategies in Livestock Inventory Management with Trade Credit	Contemporary Mathematics (Singapore)	6	1	516	535	0.6	10.37256/cm.6120255714

4742	Settu K., Jayalakshmi M.	Integration of Theoretical Foundations and Practical Implications for Neutrosophic Set Theory in Real-Time Maintenance Decision Systems	Contemporary Mathematics (Singapore)	6	1	367	394	0.6	10.37256/cm.6120255722
4743	Anuranj C.K., Sircar A.	Sports celebrity to superhero: MS Dhoni, Indian cricket and the graphic novel	Celebrity Studies					0.6	10.1080/19392397.2025.2453122
4744	Chakraborti S., Paul R.R., Pal M., Chatterjee J., Das R.K.	Detection of Oral Submucous Fibrosis at the Crossroads of Altering Nucleogeometry, Nuclear Spatial Distribution and Nuclear Molecular Abundance	Indian Journal of Otolaryngology and Head and Neck Surgery					0.6	10.1007/s12070-024-05305-3
4745	Khalil A.; Bitar M.; Anandha Krishna Raj S.	A New Era of Armed Conflict: The Role of State and Non-State Actors in Cyber Warfare with Special Reference to Russia-Ukraine War	TalTech Journal of European Studies	14	2	49	72	0.6	10.2478/bjes-2024-0016
4746	Zaheer S.; Chanda A.; Nashine H.K.	Investigation of Data Dependence and Convergence Behavior of -Iteration on Banach Spaces with an Application	Mathematical Notes	116	3	627	645	0.6	10.1134/S0001434624090220
4747	Shankaraiah P.; Rayalu G.M.	Statistical Evaluation of Survival Rates in Lung Cancer Utilizing Gaussian and Logistic Regression Techniques	Contemporary Mathematics (Singapore)	5	4			0.6	10.37256/cm.5420245479

4748	Kour S.; Ravi Sankar J.	Machine Learning Regression Models for Predicting Anti-Cancer Drug Properties: Insights from Topological Indices in QSPR Analysis	Contemporary Mathematics (Singapore)	5	4	6515	6526	0.6	10.37256/cm.5420245826
4749	Priyanka T.M.C.; Gowrisankar A.; Selmi B.; Natarajan P.	Fractal Modelling of Dynamical Systems in Association with Weyl-Marchaud Fractional Derivative	Journal of Applied Nonlinear Dynamics	14	2	435	461	0.6	10.5890/JAND.2025.06.013
4750	Meena J.; Malini Mai T.N.M.; Suresh M.L.; Rathour L.; Mishra L.N.	Double Roman domination in some graphs	Discrete Mathematics, Algorithms and Applications					0.6	10.1142/S1793830925500168
4751	Kalaiselvi J.; Saravanarajan M.C.	Particle Swarm Optimization of a Single Server Retrial Queue with Delayed Repair Under Working Vacation From Optional Service to Re-Service	Contemporary Mathematics (Singapore)	6	1	743	771	0.6	10.37256/cm.6120255992
4752	Kalarani P.; Revathi R.; Rathour L.; Mishra L.N.	Exploring modular multiplicative divisor labeling to expand graph families	Discrete Mathematics, Algorithms and Applications					0.6	10.1142/S1793830925500144
4753	Meenakshi M.; Gowrisankar A.	Multifractal Analysis on Ozone Depletion and Climate Change: The Time Series Approaches	Contemporary Mathematics (Singapore)	6	1	594	616	0.6	10.37256/cm.6120256141
4754	Vinoth R.; Jayalakshmi M.	Generalization and Properties of κ-Intuitionistic Fuzzy Metric Spaces with Applications to Fixed-Point Theorems	Contemporary Mathematics (Singapore)	6	1	903	922	0.6	10.37256/cm.6120255998

4755	Thanga Rajeswari K.; Manimaran A.	Topological Analysis of Fractal Binary and Ternary Trees	Contemporary Mathematics (Singapore)	6	1	715	729	0.6	10.37256/cm.6120255952
4756	Suresh S.S.; Raja D.; Panneerselvam R.G.; Arputharaj A.; Selvakumar A.	Design and development of a textile sensor for synergetic muscle action measurement	Indian Journal of Fibre and Textile Research	49	4	462	469	0.6	10.56042/ijftr.v49i4.7099
4757	Vaddi T.; Manthripragada A.; Raghupathy P.	Processing and Microstructure Characterization of Bio-Waste Induced Closed-Cell Aluminium/SiCp Composite Foams	Russian Journal of Non-Ferrous Metals	65	1	25	33	0.6	10.1134/S1067821224600777
4758	Pandeeswari E.; Ravi Sankar J.	Computational Approaches to Predict NSAID Characteristics Using Degcity Indices and QSPR Analysis	Contemporary Mathematics (Singapore)	6	1	1331	1346	0.6	10.37256/cm.6120255205
4759	Sivaranjani S.; Kavitha A.	Impact of First Order Slip Condition on Peristaltic Transport of a Pseudoplastic Fluid Under MHD Effect Bounded by Permeable Walls with Suction and Injection	Contemporary Mathematics (Singapore)	6	1	1091	1109	0.6	10.37256/cm.6120255786
4760	Venkatesan N.; Paramasivam R.	Markov Modelling of Small Cell Base Station Sleep Strategies with Disaster and Repairable Server	Contemporary Mathematics (Singapore)	6	2	1520	1539	0.6	10.37256/cm.6220256165
4761	Hemalatha K.; Venkateswarlu B.	New ranking and new algorithm for tackling pentagonal neutrosophic transportation issue with applications	Sigma Journal of Engineering and Natural Sciences	43	2	495	504	0.6	10.14744/sigma.2025.00037

4762	Senathipathi U.; Krishnan S.	Compact substrate integrated waveguide bandpass filter with wide stopband tunable transmission zeros	Electromagnetics					0.6	10.1080/02726343.2025.2492266
4763	Hari N.; Nataraj C.; Reddy T.; Kumar S.	Some Properties of Analytic Functions Associated with Erdély-Kober Integral Operator	Contemporary Mathematics (Singapore)	6	2	2339	2354	0.6	10.37256/cm.6220256033
4764	Gomathi D.; Nagarajan S.	An ASCII Value Based Data Encryption Using Coloring Tripartite Graph	Contemporary Mathematics (Singapore)	6	2	2113	2130	0.6	10.37256/cm.6220255856
4765	Venkatesan P.; Parvez A.	Love-Type Waves in a Piezoelectric Layer Clamped Between a Nonlocal Elastic and a Microstructural Media Subjected to Imperfect Contacts	Mechanics of Solids	59	8	3985	4002	0.6	10.1134/S0025654424605081
4766	Fernau H.; Kuppusamy L.; Raman I.	On the Power of Star-Controlled Insertion-Deletion Systems	International Journal of Foundations of Computer Science					0.6	10.1142/S0129054125440034
4767	Mahalakshmi S.; Rajasekaran G.	The modular chromatic number of Cartesian product and join of graphs	Discrete Mathematics, Algorithms and Applications					0.6	10.1142/S1793830925500600
4768	Murugan P.; Nagarajan S.	Geometric Mean Labeling in Cryptography: A Graph-Based Approach to Enhanced Security and Performance	Contemporary Mathematics (Singapore)	6	2	2698	2725	0.6	10.37256/cm.6220256020

4769	Sait N.A.; Kathirvelan J.	A COMPARATIVE STUDY USING ENSEMBLE NETWORKS FORMED FROM STATE-OF-THE-ART FINE-TUNED DEEP CONVOLUTION NEURAL NETWORKS FOR THE ACCURATE DETECTION AND CLASSIFICATION OF PROGRESSIVE SUPRA-NUCLEAR PALSY	Biomedical Engineering - Applications, Basis and Communications					0.6	10.4015/S1016237225500164
4770	Palani S.; Naveen P.	A comparative exploration of a magnetized power-law fluid past an inclined plate with variable physical properties	Sigma Journal of Engineering and Natural Sciences	43	3	827	834	0.6	10.14744/sigma.2024.00072
4771	Kushwaha P.K.; Mishra L.N.	A dynamic study of the generalized Cheeger problem: An application to the temporal prediction of landslides and rainfall threshold	Sigma Journal of Engineering and Natural Sciences	43	3	999	1013	0.6	10.14744/sigma.2025.00087
4772	Goteti G.S.; Tamilselvan P.	Experimental investigation for partially premixed compression ignition in a diesel engine using n-butanol, biodiesel and diethyl ether blends	International Journal of Oil, Gas and Coal Technology	37	4	397	416	0.6	10.1504/IJOGCT.2025.146518
4773	Sagar T.A.; Jaffino G.	A REVIEW OF DEEP LEARNING AND MACHINE LEARNING TECHNIQUES FOR CURABLE AND INCURABLE SKIN DISEASES	Biomedical Engineering - Applications, Basis and Communications	37	3			0.6	10.4015/S1016237225300020

4774	S., Vindhya, Shri; L., Rama Parvathy, L.; K., Paul Joshua, K.; C.V.K., Reddy, Chinthalacheruvu Venkata Krishna	Hybrid approach for energy management strategy and energy management strategy for plug-in hybrid electric vehicles using GTO-DRN approach	International Journal of Heavy Vehicle Systems	32	3	392	415	0.6	10.1504/IJHVS.2025.147100
4775	A.B., Greeni, A. Berin; R., Sundara Rajan, R.; P., Immanuel, Paul	Embedding Augmented Cube into Certain Trees and Windmill Graphs	International Journal of Foundations of Computer Science	4				0.6	10.1142/S0129054123500090
4776	T.R., Kumar, T. Ranjith; G.L., Priya, G. Lakshmi	Engineering the Future of Transistors: A Detailed Review on the Innovations and Challenges in Uniformly Doped Tunnel Field-Effect Transistors	Semiconductors					0.6	10.1134/S1063782625600524
4777	M.A., Sanjeev, M. A.; S., Mittal, Swati; T., Arumugam, Thangaraja	Assessment of the Psychometric Properties of the Hindi Version of the Multidimensional Scale of Perceived Social Support	Journal of Health Management					0.6	10.1177/09720634251344697
4778	M.D., Teja, M. Darshan; G.M., Rayalu, G. Mokesh	Exploring heart diseases survival patterns: A multifaceted approach using survival analysis techniques on time to event data	Sigma Journal of Engineering and Natural Sciences					0.6	10.14744/sigma.2025.00122
4779	Siddique, M.J.; Akhas, P.K.	Advancing energy efficiency: thermomechanical characterization of plastic-infused concrete for sustainable building solutions	Comptes Rendus Chimie	27		29	43	0.6	10.5802/crchim.330

4780	Venkatachalam, N.; Leninisha, L.; Revathi, K.P.; Jeyaram, G.; Sivasathya, G.	AN EFFECTIVE VISION TRANSFORMER-AIDED INTELLIGENT EFFICIENTNET B7 WITH ADAPTIVE TUMOR SEGMENTATION FOR BREAST CANCER DIAGNOSIS USING THERMOGRAPHY IMAGES	Journal of Mechanics in Medicine and Biology					0.6	10.1142/S0219519425500265
4781	Agarwal, L.; Lakshmi Priya, G.; Ranjith Kumar, T.	Low-Power Analog and RF Performance Analysis of a Nanowire Junctionless TFET with Dual-Metal-Insulator-Semiconductor (DMIS) Structure for Communication Systems	Semiconductors	59	12	1356	1370	0.6	10.1134/S1063782625601980
4782	Karthika, D.; Karthikeyan, K.	A creative combination of time series models for accurate forecasting of monthly rainfall: A case study in Northeast India	Sigma Journal of Engineering and Natural Sciences	43	5	1628	1642	0.6	10.14744/sigma.2024.00156
4783	Babu, O.V.; Babu, S.K.	On some aspects of advanced forecasting stochastic techniques with heteroscedastic disturbances for paddy seasonal dataset	Sigma Journal of Engineering and Natural Sciences	43	4	1067	1074	0.6	10.14744/sigma.2025.00105
4784	Alexander, J.; Periyasamy, A.P.	Herbal-based antimicrobial textiles: efficacy of Datura metel extract on cotton and linen	Indian Journal of Fibre and Textile Research	50	3	285	291	0.6	10.56042/ijftr.v50i3.11649
4785	Ghosh, S.; Ghosh, A.R.	Draft whole-genome sequence of Pediococcus pentosaceus GS4, a potential probiotic strain isolated from Indian fermented food	Microbiology Resource Announcements	14	11			0.6	10.1128/mra.00620-24

4786	Moses, S.J.; Dhinesh Babu, L.D.	Genre familiarity correlation-based recommender algorithm for new user cold start problem	International Journal of Intelligent Information Technologies	17	3	30	49	0.6	10.4018/IJIIT.2021070103
4787	Bhattacharyya, P.; Anjaneyulu, G.S.G.N.	Recent and significant advances in crypto-biometrics: A detailed review	Sigma Journal of Engineering and Natural Sciences	43	5	1807	1836	0.6	10.14744/sigma.2025.00164
4788	Nithiyanandham, E.K.; Sruthakeerthi, B.	Coefficient Inequalities for a Subclass of Bounded Turning Functions Associated with a Domain Bounded by an Epicycloid	Ukrainian Mathematical Journal	77	7	1105	1115	0.6	10.1007/s11253-025-02510-3
4789	Vijayan, V.; Murali, R.	Effect of Ba2+ Doping on the Structural, Optical, Morphological, and Antioxidant Properties of GdAlO3: A High-Temperature Synthesis Approach	International Journal of Self-Propagating High-Temperature Synthesis	34	4	280	294	0.6	10.3103/S106138622570027X
4790	Sujitha, M.; Manikandan, N.	QSRN: QUANTUM SPIKING RESIDUAL NETWORK FOR DISEASE DETECTION-BASED MULTIMODAL SIGNAL USING WEARABLE SENSORS	Biomedical Engineering - Applications, Basis and Communications					0.6	10.4015/S1016237225500607
4791	Nanda Kishore, K.V.; Vanmathi, C.	CHRONOLOGICAL OPTIMIZATION-BASED DEEP NEURO-FUZZY NETWORK FOR COLON CANCER DETECTION IN IOT	Biomedical Engineering - Applications, Basis and Communications					0.6	10.4015/S1016237225500644

4792	Cauz, L.O.; Chavarette, F.R.; Mishra, L.N.; Rathour, L.	Dynamics and control of an energy harvesting system using the Lyapunov-Floquet transformation and sensitivity analysis using Sobol indices	Acta Scientiarum - Technology	48				0.6	10.4025/actascitechnol.v48i1.71579
4793	Ragavi M.; Sreenivasulu P.; Poornima T.	Numerical analysis of thermal behaviour on MHD hybrid nanofluid flow over a radially convective stretching surface	Indian Journal of Chemical Technology	31	6	829	839	0.5	10.56042/IJCT.V31I6.12514
4794	Vinodhini N.; Prasad V.R.	Simulation of natural convection in a square cavity with micropolar fluid and magnetic fields using FVM	Indian Journal of Chemical Technology	31	6	902	913	0.5	10.56042/ijct.v31i6.10398
4795	Kumar S.H.; Kanish T.C.	MACHINE LEARNING APPROACH TO PREDICT AND COMPARE THE AIR QUALITY INDEX IN A CONFINED ENVIRONMENT	Environment Protection Engineering	50	4	5	27	0.5	10.37190/epe240401
4796	Karthikeyan A.; Muthusamy S.	Performance of zinc sacrificial anode in reinforced cement concrete members under chloride intrusion and marine environment exposure	Revista Materia	29	4			0.5	10.1590/1517-7076-RMAT-2024-0561
4797	Al Mazroa A.; Alotaibi F.A.; Alnfiai M.M.; Britto A.S.F.; Venkatraman S.; Rajanandhini V.M.	Predicting bond strength between steel reinforcement and concrete materials using machine learning with Bayesian optimization techniques	Revista Materia	30				0.5	10.1590/1517-7076-RMAT-2024-0740

4798	Karthikeyan U.; Hussain J.	Enhancing the efficiency of wind energy conversion systems using Novel airfoil based small scale wind turbine	Revista Materia	30				0.5	10.1590/1517-7076-RMAT-2024-0827
4799	Porwal S.; Mishra O.; Murugusundaramoorthy G.	q-analogue of a p-harmonic mapping	Asian-European Journal of Mathematics					0.5	10.1142/S1793557125500032
4800	Alshahrani H.M.; Alotaibi F.A.; Alnfiai M.M.; Venkatraman S.; Britto A.S.F.; Rajanandhini V.M.	Optimizing buckling behavior of double laminates with cut out: a hybrid approach using neural networks and genetic algorithms	Revista Materia	30				0.5	10.1590/1517-7076-RMAT-2024-0731
4801	Ghoshal N.; Bhartia V.; Tripathy B.K.; Tripathy A.	Chatbot for mental health diagnosis using data augmentation techniques and deep learning	International Journal of Embedded Systems	17	04-Mar	171	182	0.5	10.1504/IJES.2024.144352
4802	Kanagasundaram K.; Solaiyan E.; Vembu K.S.; Venkatraman S.	Analysis of compressive strength of nanostructure pyrolytic carbon enhanced nanocomposite mortar and forecasting using machine learning models	Revista Materia	30				0.5	10.1590/1517-7076-RMAT-2024-0911
4803	Sreenivasulu P.; Hussain J.	Design of cascade control loops for DFIG based wind energy conversion system control	Revista Materia	30				0.5	10.1590/1517-7076-RMAT-2024-0962
4804	Somashekar V.; Immanuel S.A.	NUMERICAL INVESTIGATION OF COOLING EFFECT OVER TWO-DIMENSIONAL AIRFOIL USING COLD AIR INJECTION TECHNIQUE	International Journal of Fluid Mechanics Research	52	2	17	24	0.5	10.1615/InterJFluidMechRes.2024054819

4805	Ravi Theaj Prakash Upputuri; Dharshini L.C.P.; Mandal A.K.A.	Uncovering the Effects of Alcohol on Green Tea Polyphenols Release from Albumin Nanoparticles	Cytology and Genetics	59	2	219	227	0.5	10.3103/S0095452725020082
4806	Sudha Kappalli; Nath A.; Gopinathan A.	Reproduction and Molt Related Fluctuation in Hepatopancreatic Metabolites in a Continuously Breeding Brachyuran Crab, Metopograpsus messor: Season Wise Analysis	Biology Bulletin	52	1			0.5	10.1134/S1062359023603609
4807	Gupta P.; Kumar K.; Mishra A.K.	Identities involving multiplicative generalized g-derivation on prime rings	Asian-European Journal of Mathematics					0.5	10.1142/S1793557125400145
4808	Joseph L.; Anandan S.	A study of coastal and harbor channel effects on Underwater Wireless Optical Communication systems with BCH and LDPC error correction codes	International Journal of Electronics and Telecommunications	71	2	495	504	0.5	10.24425/ijet.2025.153597
4809	Thandava Meganathan N.; Krishnan S.	Micrographia-based parkinson?s disease detection using Deep Learning	Revista Romana de Informatica si Automatica					0.5	10.33436/v33i3y202307
4810	P., Ashok, P.; D., Sumathi, D.; N., Krishnaraj, N.; S., Balakrishnan, S.	Enhancing 5G Networks Performance Using MIMO and MU-MIMO Technologies for High-Capacity Communication	Internet Technology Letters	8	4			0.5	10.1002/itl2.70069
4811	S., Kappagantula, Sivayazi; M., Giriraj, M.	Reinforcement Learning in Educational Robotics: A Framework for Human-Robot Interaction in 21st Century Classrooms	Foro de Educacion	23	1	74	104	0.5	10.14201/fde.23105

4812	E., Manikandan, E.; S.C., Pravin, Sheena Christabel; V., Kiruthika, V.; S., Gopikashree, S.; H.T.S.G., Chandan, H. T.Sai Gokul; K.A., Karthigeyan, K. A.; S., Shoba, S.	Initial study on applicability of thermal imaging for microplastics identification in aquatic medium	Journal of Optoelectronics and Advanced Materials	0				0.5	
4813	M., Manikandan, Marimuthu; V., Anto Feradrick Samson, V.; E., Manikandan, E.; K.A., Karthigeyan, K. A.	Fabrication of low-cost Pt-free counter electrode for dye-sensitized solar cell and asymmetric supercapacitor electrode material based on rGO/CoFe2O4 nanocomposites for a viewpoint of energy conversion and storage devices	Journal of Optoelectronics and Advanced Materials	0				0.5	
4814	M., Owais, Mohammad; A., Chanda, Ankush; S., G�lyaz, Selma	S*-ITERATION: DATA DEPENDENCE, ALTERNATE APPROACH TO ERROR ESTIMATION AND APPLICATION TO A FRACTIONAL THERMOSTAT MODEL	Journal of Nonlinear and Convex Analysis	0				0.5	
4815	S.K., Panda, Sumati Kumari; V., Vijayakumar, Velusamy; R.P., Agarwal, Ravi P.	FIXED POINT RESULTS OF b-GRAPHICAL SUPRAMETRIC SPACE AND APPLICATIONS TO FRACTIONAL ORDER NEURAL NETWORKS AND CONTROL SYSTEMS	Journal of Nonlinear and Convex Analysis	0				0.5	

4816	P., Das, Piyush; A., Madhumathi, A.; Z., Yasmoon, Zahra	RESURGENCE FROM TRADITION: UNVEILING THE RELEVANCE OF INDIAN TRADITIONAL PLANNING THEORIES IN URBAN DESIGN AND DEVELOPMENT, AS GUIDED BY THE PURANAS	Journal of Engineering Science and Technology	0				0.5	
4817	C., Chandrasekaran, C.; M., Prabhu, M.	SOCIAL SUSTAINABILITY IN HIGH-DENSITY HOUSING: TYPOLOGIES AND CASE ANALYSIS IN INDIA	Journal of Engineering Science and Technology	0				0.5	
4818	P., Kasthuri, P.; P., Poornachari, Prakash; M.S.S., Vathsan, M. S.Sowmyaa; S., Anbalagan, Sasithradevi	Continuous-variable quantum key distribution with extended Kalman filter assisted by recurrent neural networks for phase estimation	Optica Applicata	0				0.5	10.37190/oa/195026
4819	A., Joseph, Albin; T.P., Jose, Tony P.	Metacognitive awareness in coping with mental health challenges and decision-making among emergency physicians	Emergency Care Journal					0.5	10.4081/ecj.2025.13470
4820	Gangadharan, M.	BI-BAZILEVI? FUNCTIONS BASED ON HURWITZ-LERCH ZETA FUNCTION ASSOCIATED WITH EX??????IAL PARETO DISTRIBUTION	Korean Journal of Mathematics	33	3	205	218	0.5	10.11568/kjm.2025.33.3.205
4821	Kevinsam, B.; Radha, S.; Vanchinathan, P.	Permutation Quadrinomials over Finite Fields with cycle type 1+4+4+?+4	Indian Journal of Pure and Applied Mathematics					0.5	10.1007/s13226-025-00872-9

4822	Anitha, G.; Vanchinathan, P.	Involutory permutations over finite fields given by trinomials and quadrinomials	Indian Journal of Pure and Applied Mathematics					0.5	10.1007/s13226-025-00890-7
4823	Sinha, R.; Ganesh, J.; Veeramani, S.	A note on minimum attaining operators	Indian Journal of Pure and Applied Mathematics					0.5	10.1007/s13226-025-00878-3
4824	Rajathi, C.; Panjanathan, P.	A performance boosting transition in predictive modelling for customer acquisition	International Journal of Applied Management Science	17	4	400	418	0.5	10.1504/IJAMS.2025.149477
4825	Idrisi, M.I.; Saini, K.; Malge, S.; Lande, C.	ON DIFFERED COPSON I-CONVERGENT SEQUENCE SPACES	Bulletin of Mathematical Analysis and Applications	17	3	103	114	0.5	10.54671/BMAA-2025-3-8
4826	Sebastian T.; Sebastian N.	Local working of pharmaceutical patents in India: an empirical exploration into its determinants	Queen Mary Journal of Intellectual Property	14	4	374	404	0.4	10.4337/qmjip.2024.04.02
4827	Kamalakkannan K.	CHARACTERIZATION OF GENERALIZED HAUSDORFF OPERATOR ON VARIOUS INTEGRABLE SPACES	Matematicki Vesnik	77	1	29	37	0.4	10.57016/MV-2KMB8y81
4828	Anagha P.; Selvakumar R.	TOPOLOGICAL ANALYSIS OF SUPER-DYADIC GRAPHS	Journal of Applied Mathematics and Informatics	43	1	59	71	0.4	10.14317/jami.2025.059
4829	Nivedha D.; Devi Yamini S.	ANTIMAGIC LABELINGS OF LINE GRAPHS AND SEQUENTIAL GENERALIZED EDGE CORONA OF GRAPHS	Journal of Applied Mathematics and Informatics	43	1	163	177	0.4	10.14317/jami.2025.163

4830	Vezhavendhan R.; Suresh G.; Muthukaruppan M.C.; Chandramohan P.; Madheswaran D.K.; Ganesamoorthy R.	Impact of Carbon Fiber Reinforcement on the Performance of IPN-Based Elliptical Leaf Springs	Polymer (Korea)	49	1	67	75	0.4	10.7317/pk.2025.49.1.67
4831	Balaji S.; Sundaresan I.; Jayakodi S.; Shanmugam V.K.; Sellami H.; Shanmugam R.	GREEN SYNTHESIS OF COPPER OXIDE NANOPARTICLES USING SYZYGIUM CUMINI SEED EXTRACT AND ITS ANTIOXIDANT AND ANTIBACTERIAL ACTIVITY	Revue Roumaine de Chimie	69	12-Oct	535	543	0.4	10.33224/rrch.2024.69.10-12.02
4832	Upadhyay R.K.; Kumari S.; Mondal B.; Tiwari S.K.	Cross-diffusive pattern formation and Hopf-bifurcation analysis of two species plankton interaction model	Indian Journal of Pure and Applied Mathematics					0.4	10.1007/s13226-025-00775-9
4833	Deval R.; Gupte N.; Pinto J.K.; Modak A.R.; Verma A.; Sharma A.; Raja S.P.	Exploring advanced steganography techniques for secure digital image communication: a comparative analysis and performance evaluation	International Journal of Electronic Security and Digital Forensics	17	01-Feb	233	266	0.4	10.1504/IJESDF.2025.143471
4834	Modi R.; Jammoria A.S.; Pattiwar A.; Agrawal A.; Raja S.P.	Secure system to secure crime data using hybrid: RSA-AES and hybrid: Blowfish-Triple DES	International Journal of Electronic Security and Digital Forensics	17	01-Feb	194	232	0.4	10.1504/IJESDF.2025.143472
4835	Karuppaiah R.; Seerengasamy U.; Boobalakrishnan N.	Enhanced Digital Acoustic Perception in Hearing Aid Device Using Reconfigurable Filter Bank Structure: A Systematic Review with Recommendation	Auditory and Vestibular Research	34	2	97	108	0.4	10.18502/avr.v34i2.18052

4836	Anjitha K.M.; Kavitha V.; Subrahmanyam Sajja V.; Sripathy B.	EXISTENCE RESULTS FOR IMPULSIVE FRACTIONAL IMPLICIT DIFFERENTIAL SYSTEM WITH FINITE DELAY VIA DEFORMABLE FRACTIONAL DERIVATIVE IN BANACH SPACES	Journal of Applied Mathematics and Informatics	43	2	527	541	0.4	10.14317/jami.2025.527
4837	Shakila C.V.; Khadar Babu S.	AN EFFICIENT FORECASTING MODEL METHODOLOGY FOR TIME SERIES ANALYSIS	Journal of Applied Mathematics and Informatics	43	2	491	507	0.4	10.14317/jami.2025.491
4838	Pavithra S.; Manimaran A.	OPTIMIZATION OF Z-FUZZY SOFT β-COVERING BASED FUZZY ROUGH SETS AND THEIR APPLICATION TO MULTIPLE ATTRIBUTE GROUP DECISION MAKING	Mathematics in Applied Sciences and Engineering	6	1	1	19	0.4	10.5206/mase/19591
4839	Singh A.; Lekha P.P.S.; Jadhav B.N.; Azeez E.P.A.	Digital Screen Time and Associated Health Factors: A Bibliometric Study on Global Research Trends Between 2012-2023	Adolescent Psychiatry					0.4	10.2174/0122106766351202250110055724
4840	Sivasankari M.; Yamuna M.	DOMINATION COMPLEMENT TREE GRAPHS	Journal of Applied Mathematics and Informatics	43	3	723	745	0.4	10.14317/jami.2025.723
4841	Jency Leona E.; Palanivel K.	FLOOD PREPARATION AND PLANNING IN A LOGISTICS SYSTEM USING A COST-MINIMIZATION TRANSSHIPMENT MODEL USING OPTIMIZATION SOLVER	Journal of Applied Mathematics and Informatics	43	3	761	779	0.4	10.14317/jami.2025.761

4842	Kuriachan G.; Parthiban A.	DOMINATION AND POWER DOMINATION NUMBERS OF DENDRIMERS: CHEMICAL SIGNIFICANCE OF DOMINATION VARIANTS THROUGH QSPR ANALYSIS	Journal of Applied Mathematics and Informatics	43	3	805	819	0.4	10.14317/jami.2025.805
4843	Shankaraiah P.; Mokesh Rayalu G.; Prasad A.V.	ADVANCED SURVIVAL METHODS FOR THE ASSESSMENT OF LUNG CANCER SURVIVAL: THE INFLUENCE OF RANDOM AND FIXED EFFECTS	Journal of Applied Mathematics and Informatics	43	3	867	883	0.4	10.14317/jami.2025.867
4844	Baskaran T.; Ganapathy R.	A C-EXPONENTIAL MEAN LABELING OF CORONA, CARTESIAN AND TENSOR PRODUCT OF GRAPHS	Journal of Applied Mathematics and Informatics	43	3	905	920	0.4	10.14317/jami.2025.905
4845	Saruk B.S.; Mokesh Rayalu G.	AN ANALYSIS BASED ON MULTI CRITERIA STRATEGIES USING MACHINE LEARNING AND STATISTICS FOR PULSES CROP YIELD ANALYSIS IN TAMIL NADU REGION	Journal of Applied Mathematics and Informatics	43	3	921	945	0.4	10.14317/jami.2025.921
4846	A.E., Kolasseri, Anjana Eledath; V., Bhimavarapu, Venkataramana	Determinants of Cervical Cancer Screening in Early Middle-Aged Women in India Using Weighted Random Forest	Indian Journal of Gynecologic Oncology	23	3			0.4	10.1007/s40944-025-01027-8
4847	A., Boovaraghavan, Aravinda; C.J., Joshua, Christy Jackson; M.A., Quadir, Md Abdul; K.F., Tee, Kong Fah; V., Sivakumar, V.	Towards identification of long-term building defects using transfer learning	International Journal of Structural Engineering	15	2	147	170	0.4	10.1504/IJSTRUCTE.2025.146919

4848	G.R., Stephen, Geethu Rachel; N., Savitha, N.	Public health expenditure and economic growth in India: A causal analysis	Economics and Finance Letters	12	2	351	359	0.4	10.18488/29.v12i2.4251
4849	A., Prakash, A.; P., Ragukumar, P.	ON ITALIAN DOMINATION NUMBER OF UNARY OPERATIONS OF SPECIAL GRAPHS	Turkish World Mathematical Society Journal of Applied and Engineering Mathematics	0				0.4	
4850	S., Muthu, Sivakumar; G., Mudhana, Gopinath	Preserving memory function in whole-brain radiation Therapy: Efficacy of HyperArc and Coplanar VMAT techniques	International Journal of Radiation Research					0.4	10.61186/ijrr.23.2.11
4851	M.R., Doostdar, Mohammadreza Reza; M., Kazemi, Manochehr; L., Rathour, Laxmi; L.N., Mishra, Lakshmi Narayan	A Numerical Approach For Solving A Fractional Order COVID-19 Model Under Caputo Derivative	Applied Mathematics E - Notes					0.4	
4852	H., Kar, Harapriya; V., Perumal, Viswanathan	EXTENSIVE ERROR DERIVATIVE REVIEW OF LSTM MODELS WITH SIGN LANGUAGE INTERPRETATION	Turkish World Mathematical Society Journal of Applied and Engineering Mathematics					0.4	
4853	M.L., Lakshmi Rupa, M. Lakshmi; K., Aruna, Kirubanandam; R., Kondooru, Raghavendar	The impact of time-fractional Cahn?Hilliard equation that arises during the process of digital picture reconstruction	Boletim da Sociedade Paranaense de Matematica					0.4	10.5269/bspm.75222

4854	Mohamed Atheeque, A.M.; Sharief Basha, S.S.	SEIDEL LAPLACIAN ENERGY OF INTUITIONISTIC FUZZY GRAPHS	Turkish World Mathematical Society Journal of Applied and Engineering Mathematics	15	8	1876	1887	0.4	
4855	Panigrahi, T.; Murugusundaramoorthy, G.	Hankel Determinant for the Class of Bounded Turning Functions Associated with Generalized Telephone Numbers	Boletim da Sociedade Paranaense de Matematica	43				0.4	10.5269/bspm.62379
4856	Muthudurai, S.; Sivanantha Raja, S.; S, S.; Kadarkarai, E.M.	Millimeter wave generation for 6G applications using a semiconductor optical amplifier-based ring cavity laser system	Optoelectronics and Advanced Materials, Rapid Communications	19	09-Oct	412	420	0.4	
4857	Antony, A.; Mishra, L.N.	The role of residual neural networks for advancing fractional differential equations	Boletim da Sociedade Paranaense de Matematica	43				0.4	10.5269/bspm.76732
4858	Mishra, P.; Bhatia, R.; Stanimirovi?, P.S.; Gupta, D.K.; Badoni, R.P.	Unveiling Order in Chaos: A Systematic Approach Based on Graph Theory in Enumerating Sudoku Grids of Rank n	Theory of Computing Systems	69	4			0.4	10.1007/s00224-025-10250-x
4859	Rajagopal, S.; Vanchinathan, P.	Higher level completeness for permutation polynomials	Proceedings of the Indian Academy of Sciences: Mathematical Sciences	135	2			0.4	10.1007/s12044-025-00849-y
4860	Elumalai, P.; Parthiban, A.	Further results on equitable colorings of square of some special graphs	Discrete Mathematics, Algorithms and Applications					0.4	10.1142/S1793830925501642

4861	Elumalai, P.; Parthiban, A.	EQUITABLE COLORINGS OF CARTESIAN PRODUCTS OF SQUARE OF PATHS AND CYCLES WITH SQUARE OF PATHS AND CYCLES	Turkish World Mathematical Society Journal of Applied and Engineering Mathematics					0.4	
4862	N B, N.B.; Revathi, G.K.; Obeng-Denteh, W.	NORMALITY AND REGULARITY OF PYTHAGOREAN FUZZY CELLULAR SPACES	Turkish World Mathematical Society Journal of Applied and Engineering Mathematics					0.4	
4863	Thirukumaran, S.; Revathi, G.K.	A STUDY ON (c, d) IF ? Q UNIFORM SPECTRAL SPACES	Turkish World Mathematical Society Journal of Applied and Engineering Mathematics					0.4	
4864	Vemula S.; Dhakshanamoorthy K.	Epidemiology of Cancer Incidence Estimates and Statistics 2000-2025: Analysis from National Cancer Registry Programme in India	Indian Journal of Medical and Paediatric Oncology					0.3	10.1055/s-0044-1801767
4865	Munieswaran G.; Subramani N.K.; Venugopal S.	Machine Learning Prediction and Simulation of Drugs Targeting GSK-3β in Breast Cancer	Current Drug Therapy	20	2	196	209	0.3	10.2174/0115748855333541240819111638
4866	Taher H.S.; Dash S.K.	FIBONACCI NUMBERS THAT ARE η-CONCATENATIONS OF LEONARDO AND LUCAS NUMBERS	Comptes Rendus de L'Academie Bulgare des Sciences	78	2	171	180	0.3	10.7546/CRABS.2025.02.02

4867	Pavithra S.; Manimaran A.; Praba B.; Erfanian A.; Muchtadi-Alamsyah I.	A STUDY ON THE COMPLEMENTS OF THE ELEMENTS OF Z-SOFT COVERING BASED ROUGH LATTICE AND ITS APPLICATION	Turkish World Mathematical Society Journal of Applied and Engineering Mathematics	15	3	602	612	0.3	
4868	Aswathy A.; Meenu B.	The “Abject,” Animalistic Male Corpulence: The Subaltern, Fat Masculinity in “Summer of 92” (2021)	South Asian Review					0.3	10.1080/02759527.2025.2493979
4869	Jalisraj A.; Udhayakumar R.	Averaging result for impulsive ψ-Hilfer fractional stochastic pantograph-type delay system driven by Poisson jumps	Random Operators and Stochastic Equations					0.3	10.1515/rose-2025-2023
4870	F., Abdullah, Firdous; J.R., Jishnu, J. R.	Seeds of Innovation: Exploring Intellectual Property Rights in the Realm of Genetically Modified Crops in India	Biotechnology Law Report					0.3	10.1089/blr.2025.40300.fa
4871	S.B., Keerthana, S. B.; A., Kubendran, A.	Pediatric palliative care in low-income and middle-income countries: A systematic review on current status and future directions; D�fis des soins palliatifs p�diatriques dans les pays � revenu faible et interm�diaire: une revue syst�matique	Medecine Palliative					0.3	10.1016/j.medpal.2025.06.004

4872	A., Raghunath, Adithi; T., Krishna, Thejaswini; P.K., Nandan, Parmar Keshri; S., Jayanthi, Sivaraman	A Paradigm Shift in Cystic Fibrosis: Insights into Molecular Diagnosis, Newborn Screening, and Nanotechnology-Based Drug Delivery for CF Treatment	Current Respiratory Medicine Reviews					0.3	10.2174/011573398X35996225052711313 4
4873	L., Dathan, L.; G.S., Anjaneyulu, G. S.G.N.; S.G.S., Hemanth, Sangeetham G.S.	ROBUST AND SECURED HASH ALGORITHM USING DLP OVER FINITE FIELDS	Journal of Applied Mathematics and Informatics					0.3	10.14317/jami.2025.1067
4874	M., Saivineeth, M.; B., Venkateswarlu, B.	LINEAR PROGRAMMING FOR OPTIMIZING PESTICIDE IN HORTICULTURE BY BALANCING PUBLIC PRICES AND NUTRIENT CYCLES BY USING FARM ATMOSPHERIC RESEARCH STUDY	Journal of Applied Mathematics and Informatics					0.3	10.14317/jami.2025.1107
4875	O.V., Babu, O. Veerendra; K.S., Babu, Khadar S.K.	DATA TRANSFORMATION STRATEGIES IN BAYESIAN AGRICULTURAL MODELING: AN INFLECTION POINT APPROACH	Journal of Applied Mathematics and Informatics					0.3	10.14317/jami.2025.1141
4876	N., Venkatesan, Narmadha; P., Rajendran, P.	ANALYSING THE EFFECT OF ENCOURAGED ARRIVALS ON QUEUEING SYSTEM STABILITY AND PERFORMANCE UNDER SERVER VACATION POLICIES AND CUSTOMER IMPATIENCE	Journal of Applied Mathematics and Informatics					0.3	10.14317/jami.2025.1261
4877	R., Krishnaraj, Renuga; T., Arumugam, Thangaraja	Role of customer satisfaction and its impact on customer trust and switching cost to educational mobile apps	International Journal of Knowledge-Based Development					0.3	10.1504/IJKBD.2025.147844

4878	M., Ansari, Muntazeer; L.N., Mishra, Lakshmi Narayan	Common solution to a coupled system of fractional differential equations and nonlinear integral equations via weakly altering distance functions and w-distance	Advanced Studies: Euro-Tbilisi Mathematical Journal					0.3	10.32513/asetmj/193220082518210
4879	P.; Aju, D.	APPLICATIONS OF GENERALIZED INVERSE MATRICES IN DATA SCIENCE TECHNIQUES	Journal of Applied Mathematics and Informatics	43	5	1323	1334	0.3	10.14317/jami.2025.1323
4880	Thirumalai, A.; Muthunagai, K.	LOCAL FRACTIONAL CALCULUS OF BICOMPLEX FUNCTIONS	Journal of Applied Mathematics and Informatics	43	5	1515	1531	0.3	10.14317/jami.2025.1515
4881	Rathna, R.; Anjaneyulu, M.A.; Shamina, S.S.; Latha, P.	Low-Profile Slotted Notch MIMO Antenna with Low Envelope Correlation Coefficient	Microwave Journal	67	9	56	64	0.3	
4882	Pooja R., Christopher J.G.	Analysis of co-culture of Streptomyces sp. VITGV156 with four different bacteria for enhancing secondary metabolites production	Research Journal of Biotechnology	20	2	173	182	0.2	10.25303/202rjbt1730182
4883	Shankar S., Sathiavelu M.	Endophytic fungus - Albifimbria verrucaria isolated from Centella asiatica and its antioxidant and antibacterial activities	Research Journal of Biotechnology	20	2	92	98	0.2	10.25303/202rjbt092098
4884	Mundrikeri D., Sanjana G., Sebastian P.M., Bhaskara Rao K.V.	Isolation and Screening of Biosurfactant producing Bacteria, their characterization and their potential applications	Research Journal of Biotechnology	20	1	105	114	0.2	10.25303/201rjbt1050114

4885	Vemula S.; Dhakshnamoorthy K.	Secondary Analysis of NCD Risk Factors in Northeast India: Insights from the National Cancer Registry Program	Indian Journal of Community Health	36	6	868	872	0.2	10.47203/IJCH.2024.v36i06.021
4886	Amin S.R., Kingsley Danie J.	Carbon Dots in Cancer Therapeutics: Advancements in Drug Delivery and Imaging Technologies	Research Journal of Biotechnology	20	1	225	240	0.2	10.25303/201rjbt2250240
4887	Gopalakrishnan B.; Aravind B.R.	Traversing Frontiers: An Exploration of Boundaries and Resilience in Anne Frank's Diary of a Young Girl; [Преодоление барьеров: исследование границ и устойчивости в «Дневнике Анны Франк»]	Journal of Frontier Studies	10	1	106	119	0.2	10.46539/jfs.v10i1.600
4888	Balaji M.P.; Devi Rajeswari V.	Investigating the Synergistic Effect of Chamaecostus cuspidatus Leaf Extract and para-Coumaric Acid on Streptozotocin-induced Diabetic Nephropathy in Wistar Rats	Research Journal of Biotechnology	20	4	111	117	0.2	10.25303/204rjbt1110117
4889	Divya K.; Jayanthi A.	Biosorption of nickel and cadmium from spent battery in aqueous solution using Animal waste as bio sorbent in a packed column	Research Journal of Biotechnology	20	4	137	145	0.2	10.25303/204rjbt1370145
4890	Ephrem S.A.; Babu A.S.; Rishad S.K.; Rao K.V.B.	Isolation, Optimization and Molecular Identification of Keratinase producing Bacteria Bacillus velezensis Strain VITSJ01 from Chicken Farms	Research Journal of Biotechnology	20	6	31	36	0.2	10.25303/206rjbt031036

4891	Boopathi M.	Hybrid optimization based deep stacked autoencoder for routing and intrusion detection	Web Intelligence	23	1	3	22	0.2	10.3233/WEB-230109A
4892	Orlova L.V.; Platonov V.I.; Kolesnichenko I.N.; Prachi S.; Mashkov S.V.; Trots N.M.; Doronina E.G.; Zakharova E.A.; Orlov S.V.; Nishant T.	Soil quality analysis: innovative validation and modeling of carbon and nitrogen transformation dynamics in middle Volga's forest-steppe soils	Analytical Science and Technology	38	2	146	156	0.2	10.5806/AST.2025.38.2.146
4893	Moon M.M.; Christopher J.G.	Chemical elicitors and their impact on secondary metabolite production in Streptomyces	Research Journal of Biotechnology	20	7	246	256	0.2	10.25303/207rjbt2460256
4894	R., Shobana, R.; R., Jambulingam, Ranjitha	Media Optimization for the production of lipopeptide from Streptomyces iconiensis VR1 Strain	Research Journal of Biotechnology					0.2	10.25303/209rjbt2060211
4895	K., Divya, K.; A., Jayanthi, Abraham	Bioleaching of nickel and cadmium metals from spent batteries using Aspergillus flavus	Research Journal of Biotechnology					0.2	10.25303/2010rjbt1210131
4896	Roy, S.; Dey, S.; Bhattacharyya, A.; Siddiqi, M.D.	*-?-Ricci-Yamabe Solitons on ?-Cosymplectic Manifolds with a Quarter-Symmetric Metric Connection	Kyungpook Mathematical Journal	65	3	535	552	0.2	10.5666/KMJ.2025.65.3.535
4897	Antony, C.D.; Ramkumar, K.; Kumar, T.M.; Sabina, E.P.	Integrated Network Pharmacology and Molecular Docking to understand the Mechanisms of Methotrexate-induced Intestinal Toxicity	Research Journal of Biotechnology	20	11	120	127	0.2	10.25303/2011rjbt1200127

4898	Elumalai, S.; John, C.G.	Optimization of growth parameters and pigment production in Streptomyces. sp. VITGV38 and analysis of its secondary metabolite properties	Research Journal of Biotechnology	20	12	184	191	0.2	10.25303/2012rjbt1840191
4899	Gokulakrishnan, K.; Rajendran, K.H.N.; Shanthi, V.; Jayakrishnan, P.; Ramanathan, K.	Unveiling Machine Learning Algorithms for predicting Drug Activity against Lung Cancer Cell Lines	Research Journal of Biotechnology	20	11	68	75	0.2	10.25303/2011rjbt068075
4900	B.; Sivakumar, A.	Identification of bioactive compounds from crab hemolymph to treat Alzheimer?s disease	Research Journal of Biotechnology	21	1	87	98	0.2	10.25303/211rjbt087098
4901	M.M.; C.J.	DMSO-Mediated Induction of Lacthydrazide in Streptomyces sp. VITGV100 and its Molecular Docking Evaluation	Research Journal of Biotechnology	21	1	309	319	0.2	10.25303/211rjbt3090319
4902	Saatvika, S.S.; Priya, D.L.C.; Azad, M.A.K.	MiR-21: Driving lung cancer progression through hallmarks and its therapeutic potential	Research Journal of Biotechnology	21	1	376	383	0.2	10.25303/211rjbt3760383
4903	Balakrishnan S.; Mohandas P.	Honasa Consumer: Leveraging Mamaearth's Branding Playbook	Asian Case Research Journal					0.1	10.1142/S0218927525500014
4904	M., Komathi, M.; P., Ragukumar, P.	ROLE COLORING OF GRAPHS FROM ROOTED PRODUCTS	Prikladnaya Diskretnaya Matematika					0.1	10.17223/20710410/68/6
4905	Prakash, V.; Sivasubramanian, S.; Murugusundaramoorthy, G.; Breaz, D.; Cot?rl?, L.-I.	INCLUSION RESULTS INVOLVING GAUSSIAN HYPERGEOMETRIC FUNCTIONS FOR UNIVALENT FUNCTIONS HAVING UNIVALENT DERIVATIVES	REVUE ROUMAINE DE MATHEMATIQUES PURES ET APPLIQUEES	70	03-Apr	297	311	0.1	10.59277/RRMPA.2025.297.311