

SELECTED PUBLICATIONS LIST - UP TO FEBRUARY 2025

S. No.	Authors	Title	Source title	Volume	Issue	Page start	Page end	Impact Factor	DOI
1	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
2	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
3	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
4	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
5	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

6	<p>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.</p>	<p>Physics case for quarkonium studies at the Electron Ion Collider</p>	<p>Progress in Particle and Nuclear Physics</p>	<p>142</p>				<p>14.5</p>	<p>10.1016/j.pnpnp.2025.104162</p>
7	<p>Sheik Moideen Thaha S.K., Sathishkumar P.</p>	<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</p>	<p>Chemical Engineering Journal</p>	<p>505</p>				<p>13.3</p>	<p>10.1016/j.cej.2025.159578</p>

8	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
9	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
10	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
11	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
12	Pedugu Sivaraman S., Srinivasan P., Madhu D.K., Deivasigamani P., Mohan A.M.	Probe-infused polymer monolithic sensor for colorimetric detection of Pb ²⁺ in environmental water samples and tobacco extracts	Journal of Hazardous Materials	487				12.2	10.1016/j.jhazmat.2025.137247
13	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

14	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
15	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.2024.10.0988
16	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
17	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	e242632 6122		9.4	10.1073/pnas.2426326122
18	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

19	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
20	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
21	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
22	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
23	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

24	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
25	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
26	Maiti P.; Chatterjee A.; Mishra A.; Biswas S.; Anishka; Meikap B.C.	Thiazine dye sorption onto (NH ₄) ₂ S ₂ O ₈ treated bio-adsorbent: Implications for batch and fixed-bed column applications	Separation and Purification Technology	363				8.1	10.1016/j.seppur.2025.132256
27	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
28	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

29	Maddirala S., Tadepalli S.P., Lakshikanthan 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
30	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
31	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
32	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
33	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
34	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

35	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
36	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
37	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.compbimed.2025.109891
38	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.compbimed.2025.109789
39	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.compbimed.2025.109828
40	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.compbimed.2025.109810

41	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
42	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.2025.10.6888
43	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
44	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

45	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 ZnFe ₂ O ₄ thin film to ammonia gas sensing at room temperature	Materials Today Chemistry	43				6.7	10.1016/j.mtchem.202 5.102515
46	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.e 04302
47	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.e 04205
48	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.2024007 31

49	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
50	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
51	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
52	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
53	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

54	Raja Sekhar Y.; Chilambarasan L.; Sharma K.V.; Kanti P.K.; Sharma P.; Paramshivam 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.2025.10 5912
55	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.2024.1 2.043
56	Harikaran D.; Shukla A.; Suresh A.S.; Shanmugam R.; Senthilkumar S.; Madhavan J.; R V.	Improved charge carriers separated heterojunction photocatalyst ZnO ₂ /2D g-C ₃ N ₄ for rapid and enhanced degradation of ciprofloxacin: Pathways & toxicity assay	Journal of Water Process Engineering	70				6.3	10.1016/j.jwpe.2025.10 7103
57	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.2025.01.0 06
58	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.2024.12.1 04
59	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

60	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.2025.10 0601
61	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.2025.01.0 67
62	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 Al ₂ O ₃ 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
63	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

64	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
65	Christudoss A.C., Kundu R., Dimkpa C.O., Mukherjee A.	Aging of disposable face masks in landfill leachate poses cytogenotoxic risks to <i>Allium cepa</i> : Perils of uncontrolled disposal of medical waste	Plant Physiology and Biochemistry	220				6.1	10.1016/j.plaphy.2024.109472
66	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
67	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
68	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

69	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
70	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
71	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
72	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
73	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
74	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
75	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

76	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
77	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
78	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
79	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
80	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
81	Padma A., Ramaiah M.	Lightweight privacy preservation blockchain framework for healthcare applications using GMSSO	Results in Engineering	25				6	10.1016/j.rineng.2024.103882
82	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

83	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
84	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
85	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
86	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
87	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
88	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
89	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

90	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
91	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
92	Prasshanth C.V.; Narayanan S.B.; Sridharan N.V.; Vaithyanathan 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
93	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
94	Gnanasekaran A.; Paul J.; Rengasamy M.; Prakash R.; Lakshmanan R.; Nasinathan R.; Ahankari S.S.; Rajaram K.	Perovskite structured LaCoO ₃ photothermal material decorated nanocellulose aerogel for efficient interfacial solar steam generation	Results in Engineering	25				6	10.1016/j.rineng.2025.104373
95	Thakkar H.; G. V S.S.H.; K R.D.; Dondapati S.	Microstructural evolution, thermal stability and nanoindentation behaviour of (MgAl) ₇₀ Zn ₂₀ (BiSn) ₁₀ light weight high entropy alloy	Results in Engineering	25				6	10.1016/j.rineng.2025.104297

96	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
97	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
98	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
99	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
100	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
101	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

102	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
103	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
104	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
105	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
106	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
107	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

108	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
109	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
110	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
111	Tamizhselvi R., Barveen N.R., Zeng C.-W., Liu T.-Y., Liu C.-L., Napoleon A.A., Cheng Y.-W.	AgNP-enriched Co ₃ O ₄ 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
112	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

113	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
114	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
115	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
116	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
117	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
118	Kurian A.; Shanmugam S.	Z-scheme ZnAl ₂ O ₄ /Bi ₂ O ₃ nanocomposite for enhanced photodegradation of Rhodamine B and Tetracycline	Surfaces and Interfaces	59				5.7	10.1016/j.surfin.2025.105899

119	Xavier R.; Swati G.	Revealing the significance of Ga-doped WO ₃ thin film gas sensor prepared by spray pyrolysis technique for detecting acetaldehyde	Surfaces and Interfaces	59				5.7	10.1016/j.surfin.2025.105974
120	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
121	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
122	Rani B.; Ghosh S.; Sahu N.K.	Electrolyte effect and quantitative analysis of redox additive's contribution in supercapacitor performance of CoFe ₂ O ₄ nanoparticles	Electrochimica Acta	519				5.5	10.1016/j.electacta.2025.145822
123	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
124	R A.S.; Jacob G.	Exploring the charge storage ability of the spinel-type high entropy oxide (MnFeCoNiZn) ₃ O ₄ nanoparticles for supercapacitor applications	Chemical Engineering Journal Advances	21				5.5	10.1016/j.ceja.2025.100708

125	Kumar P., Asokan J., Sriram S., Ramkumar M.C., Kumar P.S., Shalini M.G.	Impact of annealing on ZnFe ₂ O 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
126	Geethukrishnan, Bagde P.P., KH S., Adak C., Shukla R.P., Tadi K.K.	Smart sensing of creatinine in urine samples: Leveraging Cu-nanowires/MoS ₂ quantum dots and machine learning	Sensing and Bio-Sensing Research	47				5.4	10.1016/j.sbsr.2024.100727
127	Thenmozhi R.; Navamathavan R.	Ternary metal oxide of CuNiCo ₂ O ₄ nanorods (1D) distributed on g-C ₃ N ₄ (2D) nanocomposite for non-enzymatic glucose sensing application	Sensing and Bio-Sensing Research	47				5.4	10.1016/j.sbsr.2025.100757
128	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
129	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
130	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

131	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
132	Vishnu Priya N.; Thulasidharan K.; Senthilvelan M.	Hybrid solutions of real and complex modified Kortevveg-de Vries equations and their predictions through deep learning algorithm	Nonlinear Dynamics					5.2	10.1007/s11071-024-10833-2
133	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
134	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
135	Manohar A., Suvarna T., Chintagumpala K., Manivasagan P., Jang E.-S., Al-Asbahi B.A., Sangaraju S., Kim K.H.	Evaluating Mg ²⁺ - 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
136	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

137	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
138	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
139	Ramajayam K., Palaniappan A.	Facile and green synthesis of highly fluorescent boron and nitrogen-doped carbon dots (BN-CDs) for the fluorimetric detection of Au ³⁺ 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
140	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
141	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
142	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

143	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
144	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
145	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
146	Angelin J.; Kavitha M.	Structural characterization and in vitro anti-inflammatory activity of exopolysaccharide produced by <i>Pediococcus pentosaceus</i> 4412	International Immunopharmacology	150				4.8	10.1016/j.intimp.2025.114301
147	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
148	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 MnFe ₂ O ₄ /NiO nanocomposites	Emergent Materials					4.8	10.1007/s42247-025-01021-y
149	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

150	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.egy.2024.12.071
151	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.egy.2024.12.060
152	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.egy.2024.12.043
153	Balamurali D.; Chakankar S.; Sharma G.; Pagey A.P.; Natarajan M.; Shaik S.; Gnanavendan S.; Arici 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
154	Kishore R., Mukherjee A., Pawar A., Rajesh S., Siddiqah M.	TMD evolution effect on $\cos^2\phi$ 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
155	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
156	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

157	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
158	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
159	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
160	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
161	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
162	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

163	Karthikeyan B., Venkateshprabhu M., Praveena R., Kagola U.K., Sayyed M.I., Manikandan N.	Investigation of Nd ³⁺ -doped oxide and oxy-fluorotellurite glasses for optical and radiation shielding applications	Results in Physics	69				4.4	10.1016/j.rinp.2025.108111
164	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
165	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
166	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
167	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
168	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.jpccs.2025.112580

169	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
170	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.jpics.2024.112547
171	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
172	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
173	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

174	Priyadharshini A.; Napoleon A.A.	Metal and heteroatoms co-doped fluorescent carbon dots for highly selective and sensitive detection of Mg ²⁺ 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
175	Manohar A.; Chintagumpala K.; Vattikuti S.V.P.; Al-Asbahi B.A.; Mameda N.; Kim K.H.	C _x Zn _{0.5-x} Mg _{0.5} Fe ₂ O ₄ nanoparticles: A novel approach for supercapacitor applications	Materials Chemistry and Physics	336				4.3	10.1016/j.matchemphys.2025.130518
176	Viswanath N V.; Biswas K.	Metastable wurtzite CuInS ₂ @C ₃ N ₄ for supercapacitor application	Journal of Physics and Chemistry of Solids	201				4.3	10.1016/j.jpccs.2025.112627
177	Vijayababu M.; Chintagumpala K.	Evaluation of Polydimethylsiloxane-Nb ₂ C MXene Conductive Polymer Composite based Piezoresistance sensors parameters and applications	IEEE Sensors Journal					4.3	10.1109/JSEN.2025.3533960
178	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
179	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

180	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
181	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
182	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
183	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
184	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 Cu ²⁺ and Fe ³⁺ 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
185	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
186	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

187	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
188	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-methylimidazolium hexahalostannate(IV)	Journal of Molecular Structure	1327				4	10.1016/j.molstruc.2024.141133
189	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
190	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
191	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
192	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

193	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
194	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
195	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
196	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 CuGaS ₂ (CuGa _{1-x} Sn _x S ₂) thin films	Materials Science and Engineering: B	313				3.9	10.1016/j.mseb.2024.117950
197	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
198	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-KNbO ₃ nanocomposite films for energy harvesting applications	Materials Science and Engineering: B	315				3.9	10.1016/j.mseb.2025.118084

199	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
200	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
201	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
202	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
203	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

204	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
205	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
206	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
207	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
208	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
209	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

210	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
211	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
212	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
213	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
214	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
215	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

216	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
217	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
218	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
219	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
220	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
221	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

222	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
223	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
224	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
225	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
226	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
227	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
228	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

229	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
230	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
231	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
232	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
233	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

234	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
235	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
236	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
237	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
238	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
239	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

240	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.4c0 5482
241	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.4c1 0167
242	Nagarajan U., Naha A., Ashok G., Balasubramanian A., Ramaiah S., V Kanth S., Dusthacker 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.4c0 7176
243	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.4c0 8572

244	Kuruville 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
245	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
246	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
247	Vaka U., Ramkumar M.C.	Non-thermal plasma treated and MXene (Ti ₃ C ₂ T _x)/Chitosan/TiO ₂ nanocomposite coated cotton fabrics-antibacterial and wound healing applications	Materials Today Communications	42				3.7	10.1016/j.mtcomm.2024.111444
248	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

249	Das A., Ruhai 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
250	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
251	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
252	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
253	Narayanan V.; Mandal B.K.	SnMn ₂ O ₄ -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
254	Hariharan M.; Eithiraj R.D.	Machine Learning Model Used to Predict DFT-Computed Thermoelectric Parameters of Chalcogenide Halides CuHgS ₂ and CuHgSI	Materials Today Communications	43				3.7	10.1016/j.mtcomm.2025.111705

255	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
256	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
257	Abirami K.; Anbazhagan R.; Chinthajinjala R.; Manikandan C.; Kim T.-H.; Al-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
258	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
259	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

260	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
261	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
262	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
263	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
264	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

265	Chacko B.; Wuppulluri M.	A comparative study on the structural, chemical, morphological and electrochemical properties of α -MnO ₂ , β -MnO ₂ and δ -MnO ₂ as cathode materials in aqueous zinc-ion batteries	Materials for Renewable and Sustainable Energy	14	1			3.6	10.1007/s40243-024-00281-8
266	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
267	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
268	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 <i>Scenedesmus obliquus</i> : effect of media composition	Environmental Pollutants and Bioavailability	37	1			3.6	10.1080/26395940.2025.2463538
269	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
270	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

271	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
272	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
273	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
274	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
275	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
276	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

277	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 Hg ²⁺ ion detection in live cells	Sensors and Diagnostics					3.5	10.1039/d4sd00345d
278	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
279	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
280	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
281	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
282	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

283	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
284	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
285	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
286	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
287	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
288	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
289	Neelakandan R., Kaliyaperumal G.	Optimal Index Code with Rate 4 over F2	IEEE Access					3.4	10.1109/ACCESS.2025.3529186
290	Priyadarshi A., Sree T.R.	Multi-tier Blockchain-based Land Registry using Fog Computing	IEEE Access					3.4	10.1109/ACCESS.2025.3528457

291	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
292	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
293	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
294	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
295	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
296	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
297	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

298	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
299	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
300	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
301	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
302	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
303	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

304	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
305	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
306	Chandrasekaran I., Sarveswari S.	Different catalytic approaches of Friedländer synthesis of quinolines	Heliyon	11	2			3.4	10.1016/j.heliyon.2025.e41709
307	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
308	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
309	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
310	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

311	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
312	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.2025.1 08658
313	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.2 025.104280
314	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
315	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
316	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
317	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

318	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
319	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
320	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
321	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
322	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
323	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

324	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
325	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
326	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
327	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
328	Vathana M.P.; Jayagopal R.	Geodesic Dominated Coloring of Graphs	IEEE Access					3.4	10.1109/ACCESS.2025.3542427
329	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
330	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

331	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
332	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
333	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
334	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
335	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
336	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
337	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

338	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
339	Shaji A.P.; Hemalatha S.	SVFRH: A Growth Stage-Based Compartmental Model for Predicting the Disease Incident in Tomato (<i>Solanum lycopersicum</i>)	IEEE Access	13		23412	23425	3.4	10.1109/ACCESS.2025. 3537953
340	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
341	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
342	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
343	Abinaya S.; Ashwin K.S.; Sherly Alphonse A.	Enhanced Emotion-Aware Conversational Agent: Analyzing User Behavioral Status for Tailored Responses in Chatbot Interactions	IEEE Access	13		19770	19787	3.4	10.1109/ACCESS.2025. 3534197

344	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
345	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
346	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
347	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
348	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
349	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

350	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
351	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
352	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
353	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
354	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
355	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	
356	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

357	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
358	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
359	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.2025.1 04914
360	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
361	Vinod A.; Diraviam A.B.; Muthuvel M.R.; Wuppulluri M.	Tailoring the GFA, -ΔSM and RC of Fe _{86-2x} Zr _{8+x} B _{5+x} Cu ₁ (x = 0,1& 2) metallic glass ribbons for magnetocaloric applications	Journal of Non- Crystalline Solids	650				3.2	10.1016/j.jnoncrysol.20 24.123376

362	Manjula E.; Chandrasekar S.; Bhavadarini 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.2025.101 594
363	Alphonse A.S.; Abinaya S.; Verma N.	Improved data labelling method for news headlines classification in cloud environment	Connection Science	37	1			3.2	10.1080/09540091.202 5.2461088
364	Rajathi C.; Rukmani P.	AccFIT-IDS: accuracy-based feature inclusion technique for intrusion detection system	Systems Science and Control Engineering	13	1			3.2	10.1080/21642583.202 5.2460429
365	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
366	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
367	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.2024.1 04454
368	Prashanth K.G.	Interpenetrating Composites: A Nomenclature Dilemma	Materials	18	2			3.1	10.3390/ma18020273

369	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
370	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
371	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
372	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
373	Hernández-Pérez I., Rodríguez-Ake Á., Saucedo-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
374	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

375	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
376	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
377	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
378	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 (<i>Saccharomyces cerevisiae</i>)	BioNanoScience	15	2			3	10.1007/s12668-025-01831-8
379	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
380	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
381	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

382	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
383	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
384	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
385	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
386	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
387	Davis D., Sen Gupta B.	Kinetics of vapor-liquid and vapor-solid phase separation under gravity	Soft Matter					2.9	10.1039/d4sm01055h
388	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

389	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
390	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
391	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
392	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
393	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
394	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
395	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

396	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
397	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
398	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
399	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
400	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
401	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

402	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
403	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
404	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
405	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
406	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
407	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

408	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
409	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	10.2174/01156720182 71502231226113423
410	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	10.1080/16583655.202 4.2420463
411	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
412	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
413	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

414	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
415	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
416	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
417	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
418	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
419	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

420	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
421	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
422	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
423	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.jmglm.2025.108973
424	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
425	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

426	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
427	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
428	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	10.1080/07391102.202 4.2332509
429	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	10.1080/07391102.202 5.2460743
430	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
431	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.2025.122 594

432	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
433	Mahendrarajan V., Easwaran N.	Quorum quenching effects of linoleic and stearic acids on outer membrane vesicle-mediated virulence in <i>Chromobacterium violaceum</i>	Biofouling	41	1	92	102	2.6	10.1080/08927014.2024.2446930
434	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
435	Jagan M.; Vijayachamundeeswari S.P.	Electrospun poly(acrylonitrile) and poly(ethylene glycol) composite nanofibers incorporated with Gd ₂ O ₃ NPs for energy storage applications	Journal of Polymer Research	32	1			2.6	10.1007/s10965-024-04243-6
436	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
437	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

438	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
439	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
440	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
441	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
442	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
443	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

444	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
445	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
446	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
447	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
448	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

449	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
450	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
451	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
452	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
453	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
454	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
455	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

456	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
457	Govindaraj N.; Iyyappan G.; Barman T.; Shukla P.; Singh A.K.	A NUMERICAL STUDY OF CASSON NANOFUID FLOW EMBEDDED IN A RIGA PLATE WITH IRREGULAR BOUNDARIES	Journal of Porous Media	28	5	89	106	2.5	10.1615/JPorMedia.2024051989
458	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
459	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
460	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
461	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
462	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 $1 < \mu < 2$	Journal of Applied Mathematics and Computing					2.4	10.1007/s12190-024-02330-x

463	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
464	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
465	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
466	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
467	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
468	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

469	Avinash J.; Chamundeeswari S.P.V.	Recent advancements and challenges for Cu ₂ O-based binary heterojunction photocatalyst for organic pollutant degradation	Ionics					2.4	10.1007/s11581-025-06111-9
470	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
471	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
472	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
473	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

474	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
475	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
476	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
477	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
478	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
479	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

480	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
481	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
482	Sadasivan S.; Pradeep S.; Ramachandran J.C.; Narayan J.; Geça 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
483	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
484	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

485	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
486	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
487	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
488	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 $1 < \mu < 2$	International Journal of Dynamics and Control	13	1			2.2	10.1007/s40435-024-01516-2
489	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
490	Lino L.; Saravana Kumar R.; Leeban Moses M.; Mohanbabu A.	Impact of Gate Angle Variations on DC and RF Performance of Enhancement-Mode Al _{0.15} Ga _{0.85} N/GaN/Al _{0.07} Ga _{0.93} N MIS-HEMT Device	Journal of Electronic Materials					2.2	10.1007/s11664-024-11726-1

491	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
492	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
493	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
494	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
495	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
496	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

497	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
498	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 Na ₂ Po: A testbed for scientific research	Solid State Communications	398				2.1	10.1016/j.ssc.2025.115861
499	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
500	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
501	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

502	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
503	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
504	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
505	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
506	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
507	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

508	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
509	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
510	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
511	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
512	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
513	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
514	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

515	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
516	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
517	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
518	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
519	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

520	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.20240433 1
521	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
522	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
523	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
524	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/S0218127425 50018X
525	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.20240488 5
526	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

527	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
528	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
529	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
530	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
531	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
532	Reddy M.V.; Meenakumari R.; Ajithkumar M.; Sucharitha G.; Lakshminarayana P.; Nath J.M.	Modeling and simulation of entropy optimization in Darcy-Forchheimer flow of magneto-Ree-Eyring nano fluid with suction/injection and motile microorganisms	Modern Physics Letters B					1.8	10.1142/S0217984925501271

533	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
534	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
535	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
536	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
537	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
538	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

539	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
540	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
541	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	10.1080/23311932.202 4.2446653
542	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
543	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
544	M A.L.; R R.	Comprehensive analysis of prefrontal cortex-directional rhythms categorization for rehabilitation	Computer Methods in Biomechanics and Biomedical Engineering					1.7	10.1080/10255842.202 5.2467460

545	Katal N.; Garg H.; Sharma B.	A comparative analysis of CNNs and LSTMs for ECG-based diagnosis of arrhythmia and congestive heart failure	Computer Methods in Biomechanics and Biomedical Engineering					1.7	10.1080/10255842.2025.2456487
546	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
547	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
548	Paul J.M., Karmakar M.	Spacetime matter and quantum relations of affective e-motions	MethodsX	14				1.6	10.1016/j.mex.2024.103142
549	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
550	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
551	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
552	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

553	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
554	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
555	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
556	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
557	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
558	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
559	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

560	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
561	Bharathi P., Kumar T.S., Anbuhezhiyan 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
562	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
563	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
564	Dutta D., Priya G.	Exploring blockchain: technological foundations, applications, and security concerns	Engineering Research Express	7	1			1.5	10.1088/2631-8695/ada2de
565	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
566	Padmashrija A.J.C., Kannadasan S., Shanmugam P.	I2/p-TSA: An efficient reagent for regioselective synthesis of angularly fused diazabenzocyclopentafluorene via iodocyclisation of 11-(arylethynyl)-11H-indeno[1,2-b]quinoxalin-11-ol	Tetrahedron Letters	156				1.5	10.1016/j.tetlet.2024.155448

567	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
568	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
569	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
570	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
571	Anburaja R.; Kaleemulla S.	Structural, Magnetic, and Dielectric Properties of Bi _{1-x} CoxFeO ₃ Nanoparticles for Photocatalytic Application	Brazilian Journal of Physics	55	2			1.5	10.1007/s13538-024-01676-8
572	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
573	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
574	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

575	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
576	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
577	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
578	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
579	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
580	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
581	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

582	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
583	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
584	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
585	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
586	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
587	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
588	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

589	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
590	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
591	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 Distalloy AE Composites Produced by High-Energy Ball Milling and Hot-Pressing	Metallography, Microstructure, and Analysis					1.3	10.1007/s13632-025-01169-3
592	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
593	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
594	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
595	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

596	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
597	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
598	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
599	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
600	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
601	Vasudevan S.R., Bhuvanewari 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
602	Bhuvanewari 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

603	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
604	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
605	Vaiyanan S.; Govindasamy Krishnamoorthy R.	Enhanced control techniques for automated vehicles using $q^*\epsilon$ -rung orthopair neutrosophic continuous functions	Research in Mathematics	12	1			1.1	10.1080/27684830.2024.2448378
606	Ahmed M.H., Subramanian S.	MWCNT-MnO ₂ composite and microbial reactor for BPA removal: toxicity and insilico studies	Journal of Environmental Engineering and Science					1	10.1680/jenes.24.00058
607	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
608	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
609	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

610	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
611	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.v 18i1.5761
612	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.2024.110 367
613	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.2025.143 069
614	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.2025.143 067
615	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/S0218001424 570155
616	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/S0219649225 500042
617	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/S0219649225 300013

618	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
619	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
620	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
621	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
622	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
623	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

624	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
625	Sri Takshara K., Bhuvanewari 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
626	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
627	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
628	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

629	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
630	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
631	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
632	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
633	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
634	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
635	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

636	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
637	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
638	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/S1793830925 500168
639	Kalaiselvi J.; Saravananarajan 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.6120255 992
640	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/S1793830925 500144
641	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.6120256 141
642	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.6120255 998

643	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.6120255 952
644	Al Mazroa A.; Alotaibi F.A.; Alnfai 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
645	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
646	Porwal S.; Mishra O.; Murugusundaramoorthy G.	q-analogue of a p-harmonic mapping	Asian-European Journal of Mathematics					0.5	10.1142/S1793557125 500032
647	Alshahrani H.M.; Alotaibi F.A.; Alnfai 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
648	Kamalakkannan K.	CHARACTERIZATION OF GENERALIZED HAUSDORFF OPERATOR ON VARIOUS INTEGRABLE SPACES	Matematicki Vesnik	77	1	29	37	0.4	10.57016/MV- 2KMB8y81
649	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.2025.05 9
650	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.2025.16 3

651	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
652	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
653	Munieswaran G.; Subramani N.K.; Venugopal S.	Machine Learning Prediction and Simulation of Drugs Targeting GSK-3 β in Breast Cancer	Current Drug Therapy	20	2	196	209	0.3	10.2174/0115748855333541240819111638
654	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
655	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
656	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
657	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

658	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
659	Balakrishnan S.; Mohandas P.	Honasa Consumer: Leveraging Mamaearth's Branding Playbook	Asian Case Research Journal					0.1	10.1142/S0218927525500014