

SELECTED PUBLICATIONS LIST - 2024

S. No.	Authors	Title	Source title	Volume	Issue	Page start	Page end	Impact Factor	DOI
1	Vijayakanth T., Dasgupta S., Ganatra P., Rencus-Lazar S., Desai A.V., Nandi S., Jain R., Bera S., Nguyen A.I., Gazit E., Misra R.	Peptide hydrogen-bonded organic frameworks	Chemical Society Reviews					46.2	10.1039/d3cs00648d
2	Sivaperuman K., Thomas A., Thangavel R., Thirumalaisamy L., Palanivel S., Pitchaimuthu S., Ahsan N., Okada Y.	Binary and ternary metal oxide semiconductor thin films for effective gas sensing applications: A comprehensive review and future prospects	Progress in Materials Science	142				37.4	10.1016/j.pmatsci.2023.101222
3	Dananjaya V., Marimuthu S., Yang R.C., Grace A.N., Abeykoon C.	Synthesis, properties, applications, 3D printing and machine learning of graphene quantum dots in polymer nanocomposites	Progress in Materials Science	144				37.4	10.1016/j.pmatsci.2024.101282
4	Wang X.; Zhu H.; Terashi G.; Taluja M.; Kihara D.	DiffModeler: large macromolecular structure modeling for cryo-EM maps using a diffusion model	Nature Methods					36.1	10.1038/s41592-024-02479-0
5	Theyagarajan K., Sruthi V.P., Satija J., Senthilkumar S., Kim Y.-J.	Materials and design strategies for the electrochemical detection of antineoplastic drugs: Progress and perspectives	Materials Science and Engineering R: Reports	161				31.6	10.1016/j.mser.2024.100840

6	Lohani H., Kumar A., Bano A., Ghosh A., Kumari P., Ahuja A., Sengupta A., Kumar D., Major D.T., Mitra S.	Inclusion of Anion Additives in the Inner Solvation Shell to Regulate the Composition of Solid Electrolyte Interphase	Advanced Energy Materials					24.4	10.1002/aenm.202401268
7	Hussain I., Hanan A., Bibi F., Kewate O.J., Javed M.S., Zhang K.	Non-Ti (M2X and M3X2) MXenes for Energy Storage/Conversion	Advanced Energy Materials					24.4	10.1002/aenm.202401650
8	Singh H.D.; G M.; Misra R.; Sarkar S.; Chakraborty D.; Nandi S.	Selective electroreduction of CO2 to value-added C1 and C2 products using MOF and COF-based catalysts	Advanced Composites and Hybrid Materials	7	6	0	0	23.2	10.1007/s42114-024-01016-z
9	Kannadassan D.; Sivasankaran K.; Kumaravel S.; Cheng C.-H.; Baghini M.S.; Mallick P.S.	High-k Metal-Insulator-Metal Capacitors for RF and Mixed-Signal VLSI Circuits: Challenges and Opportunities	Proceedings of the IEEE	112	10	1610	1631	23.2	10.1109/JPROC.2024.3506996
10	Anand A., Zaffalon M.L., Erroi A., Cova F., Carulli F., Brovelli S.	Advances in Perovskite Nanocrystals and Nanocomposites for Scintillation Applications	ACS Energy Letters	9	3	1261	1287	22	10.1021/acsenergylett.3c02763
11	De S., Kazi S., Banerjee S., Banerjee S., Sarkar N., Kumar Shah S., Kuo Y.-C., Ashok Kumar S.K.	Metallotherapeutic complexes with high selective properties for anti-neoplastic therapy	Coordination Chemistry Reviews	498				20.6	10.1016/j.ccr.2023.215462
12	Pitcheri R., Chittibabu S.K., Sangaraju S., Jarsangi B., Al-Asbahi B.A., Minnam Reddy V.R., Kim W.K.	Emerging trends of 3D architectonic MXene-based flexible pressure sensors as multimodal medical devices	Coordination Chemistry Reviews	499				20.6	10.1016/j.ccr.2023.215527

13	Pandya C., Sivaramakrishna A.	Organoruthenium-bipyridyl complexes – A platform for diverse chemistry and applications	Coordination Chemistry Reviews	504				20.6	10.1016/j.ccr.2024.215655
14	Mohanapriya D., Satija J., Senthilkumar S., Kumar Ponnusamy V., Thenmozhi K.	Design and engineering of 2D MXenes for point-of-care electrochemical detection of bioactive analytes and environmental pollutants	Coordination Chemistry Reviews	507				20.6	10.1016/j.ccr.2024.215746
15	Theerthagiri J., Karuppasamy K., Justin Raj C., Maia G., Aruna Kumari M.L., John Kennedy L., Souza M.K.R., Cardoso E.S.F., Kheawhom S., Kim H.-S., Choi M.Y.	Structural engineering of metal oxyhydroxide for electrochemical energy conversion and storage	Coordination Chemistry Reviews	513				20.6	10.1016/j.ccr.2024.215880
16	Singh R.K., Douglin J.C., Kumar V., Tereshchuk P., Santori P.G., Ferreira E.B., Jerkiewicz G., Ferreira P.J., Natan A., Jaouen F., Dekel D.R.	Metal-free advanced energy materials for the oxygen reduction reaction in anion-exchange membrane fuel cells	Applied Catalysis B: Environmental	357				20.2	10.1016/j.apcatb.2024.124319

17	Sathyaseelan A., Ramasamy S., Elumalai V., Kumar P., Ali N.U.H.L., Pazhamalai P., Dongale T.D., Saleem M.S.M., Perumalsamy M., Saj A.A., Kim S.-J.	Electrosynthesis of formate coupled green hydrogen production on the interface of CuMoO ₄ nanostructures: A novel electrocatalyst for hybrid water electrolysis system	Applied Catalysis B: Environmental	359				20.2	10.1016/j.apcatb.20 24.124472
18	Varone G., Boulila W., Driss M., Kumari S., Khan M.K., Gadekallu T.R., Hussain A.	Finger pinching and imagination classification: A fusion of CNN architectures for IoMT-enabled BCI applications	Information Fusion	101				18.6	10.1016/j.inffus.202 3.102006
19	Nagarajan S.M., Devarajan G.G., T.V. R., M. A.J., Bashir A.K., Al-Otaibi Y.D.	Adversarial Deep Learning based Dampster–Shafer data fusion model for intelligent transportation system	Information Fusion	102				18.6	10.1016/j.inffus.202 3.102050
20	Selvam C., Jebadass R.J.J., Sundaram D., Shanmugam L.	A novel intuitionistic fuzzy generator for low-contrast color image enhancement technique	Information Fusion	108				18.6	10.1016/j.inffus.202 4.102365
21	Basith S.A., Khandelwal G., Mulvihill D.M., Chandrasekhar A.	Upcycling of Waste Materials for the Development of Triboelectric Nanogenerators and Self-Powered Applications	Advanced Functional Materials					18.5	10.1002/adfm.2024 08708

22	Pazhamalai P., Krishnamoorthy K., Swaminathan R., Natraj V., Kim S.-J.	Unravelling the trifunctional electrochemical properties of WSe ₂ nanosheets for self-powered hydrogen production	Nano Energy	120				17.6	10.1016/j.nanoen.2023.109084
23	Chandrasekhar A., Basith S.A., Vivekananthan V., Khandelwal G., Joseph Raj N.P.M., Purusothaman Y., Kim S.J.	Smart maracas: An innovative triboelectric nanogenerator for earthquake detection and energy harvesting	Nano Energy	123				17.6	10.1016/j.nanoen.2024.109379
24	Venkatesan H.M., Mohammad S.R., Ponnan S., Kim K.J., Gajula P., Kim H., Arun A.P.	Cobalt ferrite-embedded polyvinylidene fluoride electrospun nanocomposites as flexible triboelectric sensors for healthcare and polysomnographic monitoring applications	Nano Energy	129				16.8	10.1016/j.nanoen.2024.110003
25	Singh U., Abhishek K., Azad H.K.	A Survey of Cutting-edge Multimodal Sentiment Analysis	ACM Computing Surveys	56	9			16.6	10.1145/3652149
26	Li G., Cherukuri A.K.	Embrace open-environment machine learning for robust AI	National Science Review	11	8			16.3	10.1093/nsr/nwad300
27	Varathan G., J. B.E.	A review of uncertainty management approaches for active distribution system planning	Renewable and Sustainable Energy Reviews	205				16.3	10.1016/j.rser.2024.114808

28	Gnanasekaran A., Rajaram K.	Rational design of different interfacial evaporators for solar steam generation: Recent development, fabrication, challenges and applications	Renewable and Sustainable Energy Reviews	192				15.9	10.1016/j.rser.2023.114202
29	Mohammed Abbas A.H., Cheralathan K.K., Porpatham E., Arumugam S.K.	Hydrogen generation using methanol steam reforming – catalysts, reactors, and thermo-chemical recuperation	Renewable and Sustainable Energy Reviews	191				15.9	10.1016/j.rser.2023.114147
30	Thanabal N., Silambarasan R., Seenuvasaperumal P., Basha D.A., Elayaperumal A.	Microstructure and mechanical behavior of AXM Mg alloy systems—A review	Journal of Magnesium and Alloys					15.8	10.1016/j.jma.2024.06.005
31	Pal S., Bhattacharya M., Islam M.A., Chakraborty C.	AI-enabled ChatGPT or LLM: a new algorithm is required for plagiarism-free scientific writing	International journal of surgery (London, England)	110	2	1329	1330	15.3	10.1097/JS9.0000000000000939
32	Chakraborty C., Pal S., Bhattacharya M., Islam M.A.	AI-enabled ChatGPT's carbon footprint and its use in the healthcare sector: a coin has two sides	International journal of surgery (London, England)	110	2	1306	1307	15.3	10.1097/JS9.0000000000000905
33	Chakraborty C., Pal S., Bhattacharya M., Islam M.A.	ChatGPT or LLMs can provide treatment suggestions for critical patients with antibiotic-resistant infections: a next-generation revolution for medical science?	International journal of surgery (London, England)	110	3	1829	1831	15.3	10.1097/JS9.0000000000000987

34	Thondaiman P., Justin Raj C., Velayutham R., Marotrao kale A., Chul Kim B.	Surface-Active Edge-Rich sites in 2D layered cobalt Hydroxide/Phosphide interfaces for High-Performance aqueous Sodium-Ion energy storage	Chemical Engineering Journal	484				15.1	10.1016/j.cej.2024.149508
35	Shariq M., Marimuthu S., Dixit A.R., Chattopadhyaya S., Pandiaraj S., Muthuramamoorthy M., Alodhyab A.N., Khaja Nazeeruddin M., Grace A.N.	Machine learning models for prediction of electrochemical properties in supercapacitor electrodes using MXene and graphene nanoplatelets	Chemical Engineering Journal	484				15.1	10.1016/j.cej.2024.149502
36	Gopalakrishnan M., Kao-ian W., Aupama V., Etesami M., Ganesan S., Theerthagiri J., Choi M.Y., Mohamad A.A., Kheawhom S.	Metal-organic framework/mxene heterostructure and its derivatives as electrode materials for rechargeable Zn-based batteries: Design strategies and perspectives	Chemical Engineering Journal	484				15.1	10.1016/j.cej.2024.149624
37	Monisha S., Kumar A.S.	A sustainable redox-active electrocatalyst utilizing natural quercetin-infused MWCNT for ultra-sensitive detection of environmental Cr(VI) contaminants	Chemical Engineering Journal	487				15.1	10.1016/j.cej.2024.150381
38	Pachamuthu K., Simon M., Borges F.	Targeted suppression of siRNA biogenesis in Arabidopsis pollen promotes triploid seed viability	Nature Communications	15	1			14.7	10.1038/s41467-024-48950-6

39	Nain A., Chakraborty S., Barman S.R., Gavit P., Indrakumar S., Agrawal A., Lin Z.-H., Chatterjee K.	Progress in the development of piezoelectric biomaterials for tissue remodeling	Biomaterials	307				14	10.1016/j.biomaterials.2024.122528
40	Nallakumar S., Muthurakku U.R.	Chemically sprayed pristine and Cd ²⁺ incorporated Co ₂ SnO ₄ thin films for low ppm level enhanced chemi-resistive behaviour towards dimethylamine detection at room temperature	Journal of Hazardous Materials	469				13.6	10.1016/j.jhazmat.2024.134041
41	Srinivasan P., P Sivaraman S., Madhu D.K., Sengupta P., Kattela B., Nagarajan S., Mohan A.M., Deivasigamani P.	Sustainable and reusable probe-encapsulated porous poly(AMST-co-TRIM) monolithic sensor for the selective and ultra-sensitive detection of toxic cadmium(II) from industrial/environmental wastewater	Journal of Hazardous Materials	469				13.6	10.1016/j.jhazmat.2024.133960
42	Thirunavukarasu R., Kotei E.	A comprehensive review on transformer network for natural and medical image analysis	Computer Science Review	53				13.3	10.1016/j.cosrev.2024.100648

43	Niyaz Ahmed L., T P.	A study using a semi-analytical approach to the reaction kinetics that describes the behavior of heterogeneous reaction–diffusion process with a glyoxyl-agarose immobilized enzyme (penicillin G acylase) in a batch reactor	Chemical Engineering Journal	496				13.3	10.1016/j.cej.2024.153858
44	Kuppusamy S., P Veedu A., Mohan A.M., Rajagopalan K., Magni M., Gopalakrishnan L., Deivasigamani P.	Punica grantum peel extract decorated Al-MOF scaffold as Solid-State Sensor/Concentrator for the Sensing/Reduction of Cr(VI) and its extended utility as a corrosion inhibitor in Al-Air batteries	Chemical Engineering Journal	496				13.3	10.1016/j.cej.2024.154070
45	Hussain I., Jaywant Kewate O., Sahoo S., Aftab S., Rosaiah P., Ahmad M., Bilal Hanif M., Al Zoubi W., Ajmal Z., Ul Arifeen W., Zahid Ansari M., Akkinepally B., Zhang K.	Flexible MXenes for printing energy storage devices	Chemical Engineering Journal	497				13.3	10.1016/j.cej.2024.154978

46	Cao S., Wei Y., Qian J., Yue Y., Xiong A., Udduttula A., Chen Y., Zhao J., Liu P., Zeng H.	Bioengineered chondrocyte membrane-camouflaged anti-ferroptotic drug-loaded liposomes: A highly effective cartilage-targeted drug delivery system for osteoarthritis treatment	Chemical Engineering Journal	498				13.3	10.1016/j.cej.2024.155619
47	Rodney J.D., Joshi S., Ray S., Rao L., Deepapriya S., Carva K., Bhat B.R., Udayashankar N.K., Perumal S., Katlakunta S., Raj C.J., Kim B.C.	Electrocatalytic synergies of melt-quenched Ni-Sn-Se-Te nanoalloy for direct seawater electrolysis	Chemical Engineering Journal	499				13.3	10.1016/j.cej.2024.155775
48	Manikandan R., Justin Raj C., Jung H., Rodney J.D., Ray S., Dennyson Savariraj A., Sivakumar P., Karuppasamy K., Kim B.C., Oh J.-M.	Metal cation and crystal lattice water molecule stabilized highly mesoporous manganese oxide network for excellent durable electrode in sodium-ion storage	Chemical Engineering Journal	498				13.3	10.1016/j.cej.2024.155061
49	Bhargava V.; Sishu N.K.; Mohanty C.; Hadkar V.M.; Sharmila A.; Nanda B.; Ananda Murthy H.C.; Selvaraj C.I.	Exploring Moringa concanensis nimmo mediated Bio-preparation of Ag doped MgO nanoparticles for biological activity and chromium (VI) remediation	Chemical Engineering Journal	502	0	0	0	13.3	10.1016/j.cej.2024.157386
50	Philip A., Kumar A.R.	Two-dimensional materials and their role in sensitivity enhancement of surface plasmon resonance based biosensor	TrAC - Trends in Analytical Chemistry	171				13.1	10.1016/j.trac.2023.117497

51	Elangovan A., Dahiya B., Kirola L., Iyer M., Jeeth P., Maharaj S., Kumari N., Lakhanpal V., Michel T.M., Rao K.R.S.S., Cho S.-G., Yadav M.K., Gopalakrishnan A.V., Kadhivel S., Kumar N.S., Vellingiri B.	Does gut brain axis has an impact on Parkinson's disease (PD)?	Ageing Research Reviews	94					13.1	10.1016/j.arr.2023.102171
52	Kumar R S., Bhaskar R., Sharma H.K., Ashok Kumar S.K., Sahoo S.K.	Historical overview and recent progress on supramolecular sensors for thorium recognition	TrAC - Trends in Analytical Chemistry	172					13.1	10.1016/j.trac.2024.117551
53	Marrazza G., Ramalingam M., Jaisankar A., Cheng L., Selvolini G., Vitale I.A.	Advancements and emerging technologies in biosensors for rapid and accurate virus detection	TrAC - Trends in Analytical Chemistry	172					13.1	10.1016/j.trac.2024.117609
54	Das N., Maity C.	Multi-Colored Aqueous Ink for Rewritable Paper	Small						13	10.1002/smll.202403512
55	Vadivel N.; Murthy A.P.	Recent Developments in Membrane-Free Hybrid Water Electrolysis for Low-Cost Hydrogen Production Along with Value-Added Products	Small						13	10.1002/smll.202407845
56	Sundarraaj S.; Vadivel N.; Murthy A.P.; Theerthagiri J.; Choi M.Y.	MXene Electrocatalysts: Transformative Approaches in Hydrogen Production with Alternative Anode Reactions	Small	0	0	0	0		13	10.1002/smll.202407120

57	Boopathy P., Liyanage M., Deepa N., Velavali M., Reddy S., Maddikunta P.K.R., Khare N., Gadekallu T.R., Hwang W.-J., Pham Q.-V.	Deep learning for intelligent demand response and smart grids: A comprehensive survey	Computer Science Review	51				12.9	10.1016/j.cosrev.2024.100617
58	Casheekar A., Lahiri A., Rath K., Prabhakar K.S., Srinivasan K.	A contemporary review on chatbots, AI-powered virtual conversational agents, ChatGPT: Applications, open challenges and future research directions	Computer Science Review	52				12.9	10.1016/j.cosrev.2024.100632
59	Chaudhary R.K., Madaboosi N., Satija J., Nandagopal B., Srinivasan R., Sai V.V.R.	Polymeric optical fiber biosensor with PAMAM dendrimer-based surface modification and PIGF detection for pre-eclampsia diagnosis	Biosensors and Bioelectronics	257				12.6	10.1016/j.bios.2024.116312
60	Pahari S., Chakraborty D., Polisetty A., Dash G., Camilleri M.A., Zhang J.	Factors affecting consumer purchases of natural foods: Prioritizing health consciousness and environmental sustainability	Business Strategy and the Environment					12.5	10.1002/bse.3913
61	Patel H., Chopra A., Rajput D.S., Myint Aung D.	Interactive XAI for personalized and trusted healthcare: need of the hour	International journal of surgery (London, England)	110	9	5869	5870	12.5	10.1097/JS9.0000000000001643

62	Rajendiran V., Devaraju N., Haddad M., Ravi N.S., Panigrahi L., Paul J., Gopalakrishnan C., Wyman S., Ariudainambi K., Mahalingam G., Periyasami Y., Prasad K., George A., Sukumaran D., Gopinathan S., Pai A.A., Nakamura Y., Balasubramanian P., Ramalingam R., Thangavel S., Velayudhan S.R., Corn J.E., Mackay J.P., Marepally S., Srivastava A., Crossley M., Mohankumar K.M.	Base editing of key residues in the BCL11A-XL-specific zinc finger domains derepresses fetal globin expression	Molecular Therapy	32	3	663	677	12.4	10.1016/j.ymthe.202 4.01.023
63	Giri S., Debroy A., Nag A., Mukherjee A.	Evaluating the role of soil EPS in modifying the toxicity potential of the mixture of polystyrene nanoplastics and xenoestrogen, Bisphenol A (BPA) in <i>Allium cepa</i> L.	Journal of Hazardous Materials	477				12.2	10.1016/j.jhazmat.2 024.135252

64	Srinivasan P., P Sivaraman S., Mohan A.M., Madhu D.K., K Chinaraga P., Rao C.V.S.B., Nagarajan S., Deivasigamani P.	Chromoionophoric molecular probe infused bimodal porous polymer rostrum as solid-state ocular sensor for the selective and expeditious optical sensing of ultra-trace toxic mercury ions	Journal of Hazardous Materials	478					12.2	10.1016/j.jhazmat.2024.135483
65	Lakshmi A.G.S., Saravanakumar M.P.	Ageing behavior of starch-based food packaging bioplastics in riparian sediments and sediment-derived dissolved organic matter in the soil environment	Journal of Hazardous Materials	480					12.2	10.1016/j.jhazmat.2024.135778
66	Joseph S.; Ashok Kumar S.K.	Trace level detection of putrescine and cadaverine in food samples using a novel rhodanine-imidazole dyad and evaluation of its biological properties	Journal of Hazardous Materials	480	0	0	0		12.2	10.1016/j.jhazmat.2024.136445
67	Sheeba A., Bushra S.N., Rajarajeswari S., Subasini C.A.	An efficient starling murmuration-based secure web service model for smart city application using DBN	Artificial Intelligence Review	57	3				12	10.1007/s10462-023-10689-9
68	Arthur M.P., Shoba S., Pandey A.	A survey of smart dustbin systems using the IoT and deep learning	Artificial Intelligence Review	57	3				12	10.1007/s10462-023-10646-6
69	Chakraborty D., Polisetty A., Rana N.P.	Consumers' continuance intention towards metaverse-based virtual stores: A multi-study perspective	Technological Forecasting and Social Change	203					12	10.1016/j.techfore.2024.123405

70	Rahman A., Raj A., Tomy P., Hameed M.S.	A comprehensive bibliometric and content analysis of artificial intelligence in language learning: tracing between the years 2017 and 2023	Artificial Intelligence Review	57	4			12	10.1007/s10462-023-10643-9
71	Venkatesan J.; Murugan D.; Lakshminarayanan K.; Smith A.R.; Vasanthakumari Thirumalaiswamy H.; Kandhasamy H.; Zender B.; Zheng G.; Rangasamy L.	Powering up targeted protein degradation through active and passive tumour-targeting strategies: Current and future scopes	Pharmacology and Therapeutics	263				12	10.1016/j.pharmthera.2024.108725
72	Ayyappan K., Mani P., Kashkynbayev A., Rajan R.	Prescribed-time Quantified Intermittent Control for Stochastic FCNN and a Novel Cryptosystem	IEEE Transactions on Fuzzy Systems			1	12	11.9	10.1109/TFUZZ.2024.3365816
73	Madhu C., Sudhakar M.S.	An Interpretable Fuzzy Graph Learning for Label Propagation Assisting Data Classification	IEEE Transactions on Fuzzy Systems	32	3	1331	1345	11.9	10.1109/TFUZZ.2023.3323093
74	Khade V., Thirumalasetty A.B., Rathod A.A., Chaoukiker Y.K., Wuppulluri M.	Flexible and rigid spinel ferrite carboneous composite as a future of tunable absorption dominant cmWave shielding materials	Journal of Materials Chemistry A					11.9	10.1039/d3ta07624e
75	Siva P., Vasu K.	Efficient hydrogen evolution from degenerate-doped p-type WS ₂ electrocatalysts over a wide pH range	Journal of Materials Chemistry A					11.9	10.1039/d3ta07288f

76	Saikrithika S., Saravanan N., Almeida M.G., Kumar A.S.	A (μ -oxo) dicopper complex anchoring graphitized mesoporous carbon surface prepared by an in situ electrochemical method for bioinspired electrocatalytic reduction of nitrite to ammonia and sensing	Journal of Materials Chemistry A					11.9	10.1039/d3ta08054 d
77	Douglin J.C., Singh R.K., Yang-Neyerlin A.C., He C., Yassin K., Miller H.A., Pagliaro M.V., Capozzoli L., Carbo-Argibay E., Brandon S., Ferreira P.J., Pivovar B.S., Dekel D.R.	Elucidating the degradation mechanisms of Pt-free anode anion-exchange membrane fuel cells after durability testing	Journal of Materials Chemistry A					11.9	10.1039/d3ta07065 d
78	Thangarasu S., Shalu N., Palanisamy G., Sadhasivam S., Selvakumar K., Eswar Neerugatti K.R., Oh T.H.	Deciphering the role of 2D graphene oxide nanofillers in polymer membranes for vanadium redox flow batteries	Journal of Materials Chemistry A					11.9	10.1039/d4ta00001c
79	Palraj J., Sajjad M., Moorthy M., Saminathan M., Srinivasan B., Singh N., Parasuraman R., Patole S.P., Mangalampalli K., Perumal S.	High thermoelectric performance in p-type ZnSb upon increasing Zn vacancies: an experimental and theoretical study	Journal of Materials Chemistry A					11.9	10.1039/d3ta07605a

80	Issac Sam S.J., Jasim K.M., Babu M.	Customers' metaverse service encounter perceptions: sentiment analysis and topic modeling	Journal of Hospitality Marketing and Management					11.9	10.1080/19368623.2024.2383455
81	Lim W.M., Mohamed Jasim K., Das M.	Augmented and virtual reality in hotels: Impact on tourist satisfaction and intention to stay and return	International Journal of Hospitality Management	116				11.7	10.1016/j.ijhm.2023.103631
82	Palaniyappan B., R S.K., T V.	Dynamic pricing for load shifting: Reducing electric vehicle charging impacts on the grid through machine learning-based demand response	Sustainable Cities and Society	103				11.7	10.1016/j.scs.2024.105256
83	Hussain I., Sajjad U., Kewate O.J., Amara U., Bibi F., Hanan A., Potphode D., Ahmad M., Javed M.S., Rosaiah P., Hussain S., Khan K., Ajmal Z., Punniyakoti S., Alarfaji S.S., Kang J.-H., Al Zoubi W., Sahoo S., Zhang K.	Double transition-metal MXenes: Classification, properties, machine learning, artificial intelligence, and energy storage applications	Materials Today Physics	42				11.5	10.1016/j.mtphys.2024.101382
84	Ajithkumar V., Arunkumar M., Philomina A., Sakthi Vignesh N., Vimali E., Dey D., Ganesh Moorthy I.M., Ashokkumar B., Varalakshmi P.	Deciphering Bisphenol A degradation by Coelastrella sp. M60: unravelling metabolic insights through metabolomics analysis	Bioresource Technology	401				11.4	10.1016/j.biortech.2024.130701

85	Prabakaran S., Rupesh K.J., Keeriti I.S., Sudalai S., Pragadeeswara Venkatamani G., Arumugam A.	A scientometric analysis and recent advances of emerging chitosan-based biomaterials as potential catalyst for biodiesel production: A review	Carbohydrate Polymers	325					11.2	10.1016/j.carbpol.2023.121567
86	Sharma S., S R., Akhtar M.S., Chakraborty T.	Emotion-Aware Multimodal Fusion for Meme Emotion Detection	IEEE Transactions on Affective Computing			1	12		11.2	10.1109/TAFFC.2024.3378698
87	Paul J., Qamar A., Ahankari S.S., Thomas S., Dufresne A.	Chitosan-based aerogels: A new paradigm of advanced green materials for remediation of contaminated water	Carbohydrate Polymers	338					11.2	10.1016/j.carbpol.2024.122198
88	John E.P., Mishra U.	Integrated multitrophic aquaculture supply chain fish traceability with blockchain technology, valorisation of fish waste and plastic pollution reduction by seaweed bioplastic: A study in tuna fish aquaculture industry	Journal of Cleaner Production	434					11.1	10.1016/j.jclepro.2023.140056
89	Wani N.A., Mishra U.	Lifecycle assessment and electro-spinning technique for a sustainable fiber bottle production system with controllable waste and wastewater treatment	Journal of Cleaner Production	443					11.1	10.1016/j.jclepro.2024.141026

90	Ashok G., Basu S., Priyamvada P., Anbarasu A., Chintala S., Ramaiah S.	Coinfections in human papillomavirus associated cancers and prophylactic recommendations	Reviews in Medical Virology	34	2			11.1	10.1002/rmv.2524
91	Zaman M., Hasan P.R., Vo-Thanh T., Shams R., Rahman M., Jasim K.M.	Adopting the metaverse in the luxury hotel business: a cost–benefit perspective	International Journal of Contemporary Hospitality Management					11.1	10.1108/IJCHM-08-2023-1265
92	Paramanantham B., Vadivel N., Theerthagiri J., Murthy A.P., Sathya Rani M., Moon C.J., Choi M.Y.	Tandem water electrolysis: A sustainable solution for carbon capture and utilization	Journal of Cleaner Production	459				11.1	10.1016/j.jclepro.2024.142554
93	Ye Z., Yu Z., Gao P., Prashanth K.G., Zhang F., Zhao K., Tan H.	Evaluating the microstructural formation in Mo added Ti6Al4V alloy fabricated by direct energy deposition using a laser-stop strategy	Additive Manufacturing	86				11	10.1016/j.addma.2024.104226
94	Selvasekaran P., Chidambaram R.	Pea protein isolate-kappa-carrageenan complex coacervate as a lecithin substitute and their effect on physical properties, polymorphism, and melting behaviour of dark chocolates	Food Hydrocolloids	157				11	10.1016/j.foodhyd.2024.110404
95	Mohamed Jasim K.	Determinants of the continuance use of smart shopping carts: Findings from PLS-SEM and NCA	Journal of Retailing and Consumer Services	81				11	10.1016/j.jretconser.2024.104038

96	Han H., Xu M., Wang J., Li M.D., Yang Z.	CRISPR/Cas9 based gene editing of Frizzled class receptor 6 (FZD6) reveals its role in depressive symptoms through disrupting Wnt/ β -catenin signaling pathway	Journal of Advanced Research	58		129	138	10.7	10.1016/j.jare.2023.06.001
97	Nag S., Mitra O., Maturi B., Kaur S.P., Saini A., Nama M., Roy S., Samanta S., Chacko L., Dutta R., Sayana S.B., Subramaniyan V., Bhatti J.S., Kandimalla R.	Autophagy and mitophagy as potential therapeutic targets in diabetic heart condition: Harnessing the power of nanotheranostics	Asian Journal of Pharmaceutical Sciences	19	3			10.7	10.1016/j.ajps.2024.100927
98	Madhu C., S S.M.	Dialectic Feature-based Fuzzy Graph Learning for Label Propagation Assisting Text Classification	IEEE Transactions on Fuzzy Systems			1	15	10.7	10.1109/TFUZZ.2024.3421595
99	Subramaniam S., Lim C.P., Mani P.	Fuzzy-based Sampled-Data Synchronization of the Hindmarsh-Rose Neuronal Model	IEEE Transactions on Fuzzy Systems			1	10	10.7	10.1109/TFUZZ.2024.3420698
100	Kim B., An E.-J., Kim S., Sri Preethaa K.R., Lee D.-E., Lukacs R.R.	SRGAN-enhanced unsafe operation detection and classification of heavy construction machinery using cascade learning	Artificial Intelligence Review	57	8			10.7	10.1007/s10462-024-10839-7

101	Theerthagiri J., Karuppasamy K., Maia G., Aruna Kumari M.L., Min A., Moon C.J., R. Souza M.K., Vadivel N., Murthy A.P., Kheawhom S., Alfantazi A., Choi M.Y.	Electrochemical strategies for urea synthesis via C-N coupling of integrated carbon oxide-nitrogenous molecule reduction	Journal of Materials Chemistry A					10.7	10.1039/d4ta02891k
102	Yesudas K Y., Balamurugan M., Nam K.T., Gopal B., Senthil Kumar A.	Enzyme-mimicking redox- active vitamin B12 functionalized MWCNT catalyst for nearly 100% faradaic efficiency in electrochemical CO2 reduction	Journal of Materials Chemistry A					10.7	10.1039/d4ta04145c
103	Narasimhan G.; Victor A.	Bio-inspired disease prediction: harnessing the power of electric eel foraging optimization algorithm with machine learning for heart disease prediction	Artificial Intelligence Review	57	12			10.7	10.1007/s10462-024- 10975-0
104	Prassthant C.V.; Sugumaran V.	Tire wear monitoring using feature fusion and CatBoost classifier	Artificial Intelligence Review	57	12			10.7	10.1007/s10462-024- 10999-6

105	Veedu A.P.; Jeyakumar B.; Mohan A.M.; Kuppusamy S.; Chinaraga P.K.; Muthurathinam M.; Rao C.V.S.B.; Nagarajan S.; Deivasigamani P.	An azo-receptor immobilized mesoporous honeycomb silica framework as a solid-state chromogenic sensor for capturing ultra-trace cadmium ions from environmental/industrial samples	Journal of Materials Chemistry A					10.7	10.1039/d4ta04574 b
106	Sakthivel R.; Kwon O.- M.; Park M.J.; Sakthivel R.	Finite-Time Resilient Filtering for Discrete-Time T-S Fuzzy Networked Control Systems with Switching Communication Channels under Cyber Attacks	IEEE Transactions on Fuzzy Systems	0	0	0	0	10.7	10.1109/TFUZZ.2024.3 494016
107	Wang W., Han Z., Gadekallu T.R., Raza S., Tanveer J., Su C.	Lightweight Blockchain- Enhanced Mutual Authentication Protocol for UAVs	IEEE Internet of Things Journal	11	6	9547	9557	10.6	10.1109/JIOT.2023.3 324543
108	G S., Chakraborty D., Polisetty A., Jain R.K.	Exploring the adoption patterns of matrimonial apps: An analysis of user gratifications	Journal of Retailing and Consumer Services	78				10.4	10.1016/j.jretconser. 2024.103731
109	Madhesh K., Devesh D.R., Vivin T., Praveen Raj M., Phelan P.E., Vignesh Kumar V., Praveen Kumar G.	Analysis and multi-objective evolutionary optimization of Solar-Biogas hybrid system operated cascade Kalina organic Rankine cycle for sustainable cooling and green hydrogen production	Energy Conversion and Management	301				10.4	10.1016/j.enconman .2023.117999

110	Pal T., Singh A., Bohara V.A., Srivastava A.	Impact of Time-Varying Dynamic Human Blockages on Indoor Visible Light Communication System	IEEE Transactions on Wireless Communications			1	1	10.4	10.1109/TWC.2024. 3373381
111	Sekar R., Mimoun A., Bou-Jaoudeh M., Loyau S., Delignat S., Daventure V., Bonilla P., Bhale A.S., Venkataraman K., Rayes J., Boulaftali Y., Jandrot-Perrus M., Proulle V., Lacroix- Desmazes S.	High factor VIII concentrations interfere with glycoprotein VI- mediated platelet activation in vitro	Journal of Thrombosis and Haemostasis					10.4	10.1016/j.jtha.2024. 01.021
112	Chakraborty D., Polisetty A., G S., Rana N.P., Khorana S.	Unlocking the potential of AI: Enhancing consumer engagement in the beauty and cosmetic product purchases	Journal of Retailing and Consumer Services	79				10.4	10.1016/j.jretconser. 2024.103842
113	Priya K., Selvaraj V., Ramachandra N., Rajasekar N.	Modelling of PEM fuel cell for parameter estimation utilizing clan co-operative based spotted hyena optimizer	Energy Conversion and Management	309				10.4	10.1016/j.enconman .2024.118371
114	Pon Pavithiran C.K., Sakthivadivel D.	Ascertaining the techno- economic feasibility of a biomass driven dual bed vapor adsorption refrigeration system operated cold storage room: An experimental and comparative approach	Energy Conversion and Management	311				10.4	10.1016/j.enconman .2024.118551

115	Anbumalar C., Binu Sahayam D.	Brain and Smartphone Addiction: A Systematic Review	Human Behavior and Emerging Technologies	2024				10.3	10.1155/2024/5592994
116	Srikanth M., Mathew A.T., Bhagchandani R.K.	Model performance evaluation of build time using geometric shape complexity and process parameters in material extrusion	Additive Manufacturing	91				10.3	10.1016/j.addma.2024.104337
117	Ye Z.; Zhao K.; Yu Z.; Prashanth K.G.; Zhang F.; He Y.; Peng Y.; Wu W.; Tan H.	Understanding the solute segregation and redistribution behavior in rapidly solidified binary Ti-X alloys fabricated through non-equilibrium laser processing	Additive Manufacturing	96	0	0	0	10.3	10.1016/j.addma.2024.104561
118	Askerbekov D., Garza-Reyes J.A., Roy Ghatak R., Joshi R., Kandasamy J., Luiz de Mattos Nascimento D.	Embracing drones and the Internet of drones systems in manufacturing – An exploration of obstacles	Technology in Society	78				10.1	10.1016/j.techsoc.2024.102648
119	Rathod A.A., S. B.	Optimization of stand-alone hybrid renewable energy system based on techno-socio-enviro-financial perspective using improved red-tailed hawk algorithm	Applied Energy	376				10.1	10.1016/j.apenergy.2024.124137

120	Gao Q., Wang Y., Gong J., Zhou C., Zhang J., Liu X., Tang J., Liu P., Chen X., Chen D., Lv W., Prashanth K.G., Song K.	High-temperature oxidation behaviors of Co-free Cr ₃₀ Fe ₃₀ Ni ₃₀ Al ₅ Ti ₅ dual-phase multi-component alloys with multi-scale nanoprecipitates	Materials Today Advances	22				10	10.1016/j.mtadv.2024.100482
121	Roopan S.M., Chellapandi T., Shebeer R.M., Akhil E., Alappat J.D., Nair N.R., Madhusoodanan M., Chitra D.	Advances and prospects in the development of GdVO ₄ -based photocatalysts for water pollutants removal activity: A review	Nano Materials Science					9.9	10.1016/j.nanoms.2024.04.001
122	Patil V.S., Mataghare B.C., Maske R.G., Yadav P.R., Channe V.D., Balinge K.R., Khajone V.B., Patle D.S., Bhagat P.R.	Exploring novel porphyrin photocatalyst for the conversion of frying oil to biodiesel: A step for globular economy	Energy Conversion and Management	319				9.9	10.1016/j.enconman.2024.118939
123	Karthikeyan B.; Praveen Kumar G.	A comprehensive thermodynamic modeling, feasibility, and optimization study of a renewable energy powered system for sustainable cold chain applications – Cooling, power, heating, and green hydrogen production	Energy Conversion and Management	322				9.9	10.1016/j.enconman.2024.119137

124	Rameez P.V.; Mohamed Ibrahim M.	Maximizing hydrogen utilization in CI engines: An investigation of dual fuel and RCCI combustion approaches under low and mid-load conditions in a medium duty automotive engine	Energy Conversion and Management	321				9.9	10.1016/j.enconman.2024.119100
125	Mariyam S., Upadhyay S.K., Chakraborty K., Verma K.K., Duhan J.S., Muneer S., Meena M., Sharma R.K., Ghodake G., Seth C.S.	Nanotechnology, a frontier in agricultural science, a novel approach in abiotic stress management and convergence with new age medicine-A review	Science of the Total Environment	912				9.8	10.1016/j.scitotenv.2023.169097
126	Vuppaladadiyam S.S.V., Vuppaladadiyam A.K., Sahoo A., Urgunde A., Murugavelh S., Šrámek V., Pohořelý M., Trakal L., Bhattacharya S., Sarmah A.K., Shah K., Pant K.K.	Waste to energy: Trending key challenges and current technologies in waste plastic management	Science of the Total Environment	913				9.8	10.1016/j.scitotenv.2023.169436

127	Korlepara D.B., C. S V., Srivastava R., Pal P.K., Raza S.H., Kumar V., Pandit S., Nair A.G., Pandey S., Sharma S., Jeurkar S., Thakran K., Jaglan R., Verma S., Ramachandran I., Chatterjee P., Nayar D., Priyakumar U.D.	PLAS-20k: Extended Dataset of Protein-Ligand Affinities from MD Simulations for Machine Learning Applications	Scientific Data	11	1			9.8	10.1038/s41597-023-02872-y
128	Mukadam S.B., Patil H.Y.	Machine Learning and Computer Vision Based Methods for Cancer Classification: A Systematic Review	Archives of Computational Methods in Engineering					9.7	10.1007/s11831-024-10065-y
129	Chandrasekaran R., Paramasivan S.K.	Advances in Deep Learning Techniques for Short-term Energy Load Forecasting Applications: A Review	Archives of Computational Methods in Engineering					9.7	10.1007/s11831-024-10155-x
130	Peter John E.; Mishra U.	Sustainable broiler chicken meat production: A three-layer model for emissions reduction and traceability	Journal of Cleaner Production	476				9.7	10.1016/j.jclepro.2024.143731
131	Jayapandi S., Premkumar S., Murali B., Lakshmi D., Juliana S.G., Alothman A.A., Wabaidur S.M., Govindasamy M., Nataraj S.K.	Investigating dual-functional Al-doped stannic oxide nanorods towards photodegradation of real industry wastes and dye-sensitized solar cell application: An experimental and theoretical interpretation	Sustainable Materials and Technologies	40				9.6	10.1016/j.susmat.2024.e00948

132	Madhu C.; Sudhakar M.S.	EmoDialect: Leveraging Fuzzy Matching and Dialect-Emotion Mapping for Sentiment Analysis	IEEE Transactions on Affective Computing	0	0	0	0	9.6	10.1109/TAFFC.2024.3514862
133	Anjali, B R.K.	Exploring cause-specific strategies for suicide prevention in India: A multivariate VARMA approach	Asian Journal of Psychiatry	92				9.5	10.1016/j.ajp.2023.103871
134	Sarfudeen S., Nitha P.K., Basith S.A., Varghese M., Jhariat P., Chandrasekhar A., Panda T.	A Novel Mechano-Synthesized Zeolitic Tetrazolate Framework for a High-Performance Triboelectric Nanogenerator and Self-Powered Selective Neurochemical Detection	ACS Applied Materials and Interfaces	16	19	24851	24862	9.5	10.1021/acsami.4c00454
135	Jhariat P., Anil Kumar U., Warriar A., Sunda A.P., Das S., Sarfudeen S., Dhavale V.M., Panda T.	Hydroxide Ion Conduction through Viologen-Based Covalent Organic Frameworks (vCOFs): An Approach toward the Advancement	ACS Applied Materials and Interfaces					9.5	10.1021/acsami.4c03736
136	Mukram T.A., Daniel J.	Performance evaluation of a novel cement brick filled with micro-PCM used as a thermal energy storage system in building walls	Journal of Energy Storage	77				9.4	10.1016/j.est.2023.109910

137	Subramanian M., Solomon J.M., Raja V., Stanislaus Arputharaj B., Shaik S., Saleel C.A., Alwetaishi M., Cuce E.	Experimental studies and comprehensive computational investigations on composites-based phase change material for battery thermal management systems in electric vehicles	Journal of Energy Storage	82				9.4	10.1016/j.est.2024.1 10471
138	Arumugam C., Shaik S., Roy A., Kontoleon K.J., Cuce E., Shaik A.H., Chakraborty S., Alwetaishi M., Cuce P.M., Gupta M.	Analysis of the benefits of adopting roof sandwich panels integrated with PCM versus PUR to mitigate energy costs and carbon dioxide emissions	Journal of Energy Storage	77				9.4	10.1016/j.est.2023.1 09947
139	Lenka R.K., Panda A.K., Senapati L.	Grid integrated multifunctional EV charging infrastructure with improved power quality	Journal of Energy Storage	76				9.4	10.1016/j.est.2023.1 09637
140	Pai S.H.S., Pandey S.K., Samuel E.J.J., Jang J.U., Nayak A.K., Han H.	Recent advances in NiO-based nanostructures for energy storage device applications	Journal of Energy Storage	76				9.4	10.1016/j.est.2023.1 09731
141	Viswanath N V., Yesuraj J., Ramesh M., Kim K., Biswas K.	Fundamental aspects of perovskite oxides as an emerging material for supercapacitor applications and its anion intercalation mechanism - Review	Journal of Energy Storage	78				9.4	10.1016/j.est.2023.1 09968
142	R. S., Kowsalya M.	HESS-based microgrid control techniques empowered by artificial intelligence: A systematic review of grid- connected and standalone systems	Journal of Energy Storage	84				9.4	10.1016/j.est.2024.1 11012

143	Jeyaseelan T.R., Vigneshwaran P., Saboor S., Kumar D.S., Saxena K.K., Arıcı M.	Experimental study on effect of mild steel scrap vertical insert in charging and discharging process of NaNO ₃ :KNO ₃ phase change material	Journal of Energy Storage	85				9.4	10.1016/j.est.2024.111074
144	Nyamathulla S., Dhanamjayulu C.	A review of battery energy storage systems and advanced battery management system for different applications: Challenges and recommendations	Journal of Energy Storage	86				9.4	10.1016/j.est.2024.111179
145	Shankar P.R., Arunkumar G.	A novel approach to modeling and experimenting a solar-fed H6 configuration for battery swapping stations in rural and commercial areas using a dual phase CLLC DC–DC resonant converter	Journal of Energy Storage	89				9.4	10.1016/j.est.2024.111609
146	Ramu S.K., Vairavasundaram I., Palaniyappan B., Bragadeshwaran A., Aljafari B.	Enhanced energy management of DC microgrid: Artificial neural networks-driven hybrid energy storage system with integration of bidirectional DC-DC converter	Journal of Energy Storage	88				9.4	10.1016/j.est.2024.111562

147	Zhang H.; Zhang P.; Shen X.; Han J.; Wang H.; Qin H.; Wang B.; Qian J.; Udduttula A.; Luo R.; Zhao K.; Wang Y.; Chen Y.	A cross-linked coating loaded with antimicrobial peptides for corrosion control, early antibacterial, and sequential osteogenic promotion on a magnesium alloy as orthopedic implants	Acta Biomaterialia	0	0	0	0	9.4	10.1016/j.actbio.2024.12.046
148	Thomas R.M., Lopez Lemus M.S., Ganesh K., Obbard D.B., Sivashanmugam K., Sambasivam G., Yang Y., Lipshutz B.H.	Dehydration in water: solid-supported lipases as green catalysts for esterification	Green Chemistry	26	17	9320	9329	9.3	10.1039/d4gc02904f
149	Kim J., Kim Y., Ramasamy S., Kim S.-K.	High-energy and wearable fiber-shaped asymmetric supercapacitors based on the combination of fluorinated polyimide and Co ₃ O ₄ on carbon fibers	Journal of Power Sources	606				9.2	10.1016/j.jpowsour.2024.234570
150	Bhanage A., Padmanabhan K.	Sub-zero temperature flexural and flexural fatigue behaviour of glass fabric /epoxy composite tubular anti roll bars	Composites Science and Technology	245				9.1	10.1016/j.compscitech.2023.110324
151	Sathish Kumar T., Ashok B.	Development of combustion control map for flex fuel operation in methanol powered direct injection SI engine	Energy	288				9	10.1016/j.energy.2023.129695

152	Asokan M.A., Prabu S.S., Khalife E., Sanjey K.A., Prathiba S.	Vibration analysis using wavelet transformation technique and performance characteristics of a diesel engine fueled with tamarind biodiesel-diesel blends and diverse additives	Energy	294				9	10.1016/j.energy.2024.130886
153	P B., Ramu S.K., T V.	Optimizing electric vehicle charging in distribution networks: A dynamic pricing approach using internet of things and Bi-directional LSTM model	Energy	294				9	10.1016/j.energy.2024.130815
154	Bathala R., G H., Rajkumar S., S D.A., Jeyaseelan T.	Experimental investigation, ANN modeling, and TOPSIS optimization of gasoline-alcohol blends for minimizing tailpipe emissions of a motorcycle	Energy	293				9	10.1016/j.energy.2024.130698
155	He F., Wang Y., Debnath T., Döblinger M., Akkerman Q.A., Feldmann J., Dey A.	Silver-Nanoclusters and Vacancies Influence the Optical Properties of Spherical Cs ₂ AgBiCl ₆ Nanocrystals	Advanced Optical Materials					9	10.1002/adom.202302898
156	Karthikeyan B., Praveen Kumar G., Narayanan R., R S., Coronas A.	Thermo-economic optimization of hybrid solar-biomass driven organic rankine cycle integrated heat pump and PEM electrolyser for combined power, heating, and green hydrogen applications	Energy	299				9	10.1016/j.energy.2024.131436

157	Murmu P.P., Markwitz M., Chong S.V., Malone N., Mori T., Vyas H., Kennedy L.J., Rubanov S., Sathish C.I., Yi J., Kennedy J.V.	Defect and dopant complex mediated high power factor in transparent selenium-doped copper iodide thin films	Materials Today Energy	44				9	10.1016/j.mtener.2024.101639
158	Shah A.A., Sahay A.	Is gold a preferable diversifier of cleaner equity risk across diverse scenarios? Evidence from multidimensional connectedness and spillover measures	Energy	305				9	10.1016/j.energy.2024.132411
159	Gurusamy A., Ashok B., Alsaif F., Suresh V.	Multifaceted multi-criteria decision making framework to prioritise the electric two-wheelers based on standard and regional driving cycles	Energy	305				9	10.1016/j.energy.2024.132401
160	Sarigamala K.K., Shukla S., Saxena S.	Plasmonic heterostructures enabled photo-responsive Li-ion supercapacitors	Materials Today Energy	44				9	10.1016/j.mtener.2024.101627
161	Dhall S., Nigam A., Harshavardhan M., Mukherjee A., Srivastava P.	A comprehensive overview of methods involved in nanomaterial production and waste disposal from research labs and industries and existing regulatory guidelines for handling engineered nanomaterials	Environmental Chemistry and Ecotoxicology	6		269	282	9	10.1016/j.eneco.2024.06.002

162	Kumar R.; Kumar A.	Optimization of slot parameters for performance enhancement of slotted Savonius hydrokinetic turbine using Taguchi analysis	Renewable Energy	237				9	10.1016/j.renene.2024.121608
163	Szpica D.; Warakomski J.; Ashok B.	Evaluation of the functional parameters of the low-pressure gas-phase injectors in different exploitative condition	Renewable Energy	237	0	0	0	9	10.1016/j.renene.2024.121755
164	Phukan S.J.; Goswami S.; Sah N.K.; Gupta P.K.; Rai A.; Ghatak T.; Pathak C.; Roy M.; Pai R.K.; Mishra L.; Garai S.	Contemporary progress on multifarious coordination polymers for organocatalytic, sensing, and energy-mimetic applications	Materials Today Energy	46	0	0	0	9	10.1016/j.mtener.2024.101703
165	Sasidhar K.B.; Yesuraj K.; Somasundaram M.; Antunes E.	Production and utilization of diesel-equivalent renewable fuels from waste cooking oil and low-density polyethylene: Experimental investigation on performance, combustion, and emission characteristics	Energy	313	0	0	0	9	10.1016/j.energy.2024.133891
166	Abishek M.; Amutha Prabha N.; Goyal J.K.	Voltage regulation of auxiliary power units in electric vehicle applications using H ₂ based PI controller with regional pole placement	Energy	313	0	0	0	9	10.1016/j.energy.2024.133883

167	Debroy A., Roy N., Giri S., Pulimi M., Chandrasekaran N., Peijnenburg W.J.G.M., Mukherjee A.	EPS-corona formation on graphene family nanomaterials (GO, rGO and graphene) and its role in mitigating their toxic effects in the marine alga <i>Chlorella</i> sp.	Environmental Pollution	341				8.9	10.1016/j.envpol.2023.123015
168	Saha G., Chandrasekaran N.	A combined toxicological impact on <i>Artemia salina</i> caused by the presence of dust particles, microplastics from cosmetics, and paracetamol	Environmental Pollution	348				8.9	10.1016/j.envpol.2024.123822
169	Kewate O.J., Hussain I., Tyagi N., Saxena S., Zhang K., Rajamansingh E.G., Chinnappan N., Joshi H., Punniyakoti S.	Nb-based MXenes: Structures, properties, synthesis, and application towards supercapacitors	Journal of Energy Storage	94				8.9	10.1016/j.est.2024.112445
170	Selvaraj V., Vairavasundaram I.	A Bayesian optimized machine learning approach for accurate state of charge estimation of lithium ion batteries used for electric vehicle application	Journal of Energy Storage	86				8.9	10.1016/j.est.2024.111321
171	Roy A., Venkitaraj K.P., Vigneshwaran P., Saboor S., Cuce E., Saxena K.K.	Enhanced convective heat transfer with Al ₂ O ₃ -water nanofluid in a PCM-based thermal energy storage system	Journal of Energy Storage	97				8.9	10.1016/j.est.2024.112853

172	Jain A., Jha V., Alsaif F., Ashok B., Vairavasundaram I., Kavitha C.	Machine learning framework using on-road realtime data for battery SoC level prediction in electric two-wheelers	Journal of Energy Storage	97				8.9	10.1016/j.est.2024.112884
173	Chacko B., W M.	A comprehensive investigation on the electrochemical performance, synthesis, modification, and recycling methods of LiFePO4 for sustainable future	Journal of Energy Storage	98				8.9	10.1016/j.est.2024.112851
174	Divya T., Umayal C, Vasana Prabhu V.	A hybrid GTOA-DRN approach based active cell voltage balancing of electric vehicle batteries using PID controller	Journal of Energy Storage	98				8.9	10.1016/j.est.2024.113095
175	Ahmad M., Bibi F., Hanan A., Yu H., Hanif M.B., Khan M.Z., Rauf S., Rosaiah P., Khan M.A., Kewate O.J., Akkinapally B., Arifeen W.U., Hussain I.	Growth of Ni-Ga oxalate nanoparticles on 3D current collector as a supercapacitive electrode	Journal of Energy Storage	100				8.9	10.1016/j.est.2024.113558
176	Kumaresan N., Rammohan A.	Modeling and performance analysis of an electric two-wheeler on various driving cycles and validation using a performance real-time target machine	Journal of Energy Storage	101				8.9	10.1016/j.est.2024.113935

177	Jeevanantham B., Shobana M.K., Su W.- N., Hwang B.J.	Surface engineering of TiSiO ₄ nano-coating for high-voltage nickel-rich ternary cathodes: An approach to improve cyclic performance	Journal of Energy Storage	100				8.9	10.1016/j.est.2024.1 13546
178	Barik S., Saravanan B.	Recent developments and challenges in state-of-charge estimation techniques for electric vehicle batteries: A review	Journal of Energy Storage	100				8.9	10.1016/j.est.2024.1 13623
179	Yuvaaraj J.S.; Deepakkumar R.	Thermal analysis of packed bed thermal energy storage system with dimpled spherical capsules	Journal of Energy Storage	102				8.9	10.1016/j.est.2024.1 14170
180	Chinnappan N.; Punniyakoti S.	Emerging advances of 2D molybdenum disulfide (MoS ₂) and their composites towards high-performance supercapacitors: A comprehensive review	Journal of Energy Storage	102				8.9	10.1016/j.est.2024.1 14040
181	R. S.; Kowsalya M.	An LSTM-DDPG framework power management strategy for a heterogeneous energy storage system in a standalone DC microgrid	Journal of Energy Storage	104	0	0	0	8.9	10.1016/j.est.2024.11 4437
182	Jeevanantham B.; Shobana M.K.	Integrated hierarchical lanthanum niobium oxide surface coating to stabilize high- voltage performance and suppress Ni ²⁺ /Li ⁺ cationic disorder in nickel-rich layered cathodes	Journal of Energy Storage	104	0	0	0	8.9	10.1016/j.est.2024.11 4639

183	Sharma P., Raju S., Salgotra R.	An evolutionary multi- algorithm based framework for the parametric estimation of proton exchange membrane fuel cell	Knowledge-Based Systems	283				8.8	10.1016/j.knosys.20 23.111134
184	Bhuvanewari C., Shanmugam R., Elangovan A., Sathish Kumar P., Sharmila C., Sudha K., Arivazhagan G., Subramanian P.	Voltammetric nano-molar range quantification of agrochemical pesticide using needle-like strontium pyrophosphate embedded on sulfur doped graphitic carbon nitride electrocatalyst	Food Chemistry	437				8.8	10.1016/j.foodchem. 2023.137874
185	Kareem A., Thenmozhi K., Hari S., Ponnusamy V.K., Senthilkumar S.	Metal-free carbon-based anode for electrochemical degradation of tetracycline and metronidazole in wastewater	Chemosphere	351				8.8	10.1016/j.chemosph ere.2024.141219
186	Sinha P.K., R M.	Conglomeration of deep neural network and quantum learning for object detection: Status quo review	Knowledge-Based Systems	288				8.8	10.1016/j.knosys.20 24.111480
187	Siddiqui H., Kumar S., Naidu P., Gupta S., Mishra S., Goswami M., Sairkar P.K., Atram L., Sathish N., Kumar S.	Solanum tuberosum tuber- driven starch-mediated green- hydrothermal synthesis of cerium oxide nanoparticles for efficient photocatalysis and antimicrobial activities	Chemosphere	352				8.8	10.1016/j.chemosph ere.2024.141418

188	Thirumalaivasan N., Kanagaraj K., Logesh K., Chandrasekaran S., Kumar S., Subramanian R., Senthilkumar N., Kumar A., Angadi V.J., A. Al-Kahtani A.	Exploring luminescent carbon dots derived from syrup bottle waste and curcumin for potential antimicrobial and bioimaging applications	Chemosphere	354				8.8	10.1016/j.chemosphere.2024.141592
189	T R.B., Yadav P.V.K., Mondal A., Ramakrishnan K., Jarugala J., Liu C., Reddy Y.A.K.	Enhanced response of WO ₃ thin film through Ag loading towards room temperature hydrogen gas sensor	Chemosphere	353				8.8	10.1016/j.chemosphere.2024.141545
190	Bharathi D., Lee J., Vinayagam Y., Banerjee M., Ramanathan G., Al-Ansari M.M., Venkatraman G., V D.R.	Benzopyrene elimination from the environment using graphitic carbon nitride-SnS nanocomposites	Chemosphere	352				8.8	10.1016/j.chemosphere.2024.141352
191	Wadaan M.A., Baabbad A., Chakraborty S., V D.R.	Interpretation of adsorption isotherm and kinetics behind fluorene degradation	Chemosphere	357				8.8	10.1016/j.chemosphere.2024.141797
192	Vaishali M.S., N P., Tadi K.K., P I.	Cobalt molybdate nanoflowers decorated bio-waste derived porous activated carbon nanocomposite: A high performance electrode material for supercapacitors	Chemosphere	357				8.8	10.1016/j.chemosphere.2024.141965

193	Panneerselvam G., Annamalai M., Joo Y.H., Mani P.	Fuzzy-Based Integral Sliding Mode Control for PMSM With Fractional Stochastic Disturbances	IEEE Transactions on Systems, Man, and Cybernetics: Systems	54	2	1191	1201	8.7	10.1109/TSMC.2023.3325043
194	Singh S., Singh G., Singh S., Misra S.C.	Understanding green procurement dynamics: An assessment framework for public sector organizations	Journal of Environmental Management	351				8.7	10.1016/j.jenvman.2023.119756
195	Alelyani S.M., Han X., Bertrand W.K., Kumar P A., Kumar G P., Phelan P.E.	A theoretical thermal model for a heat pump module using evacuated tube solar adsorption	Renewable Energy	220				8.7	10.1016/j.renene.2023.119556
196	Periyanayagi S., Raja S.P., Vairachilai S.	Multipoint communication using a fog-robotic coordinated nodal conveying system for wireless networks	Journal of Network and Computer Applications	221				8.7	10.1016/j.jnca.2023.103781
197	Jeyaguru S., Thiagamani S.M.K., Siengchin S., Subramanian J., Ebrahimnezhad-Khaljiri H., Sanjay M.R., Khan A., Abuthakeer S.S., Rajesh S., Alromaizan A.N.	Effect of various weaving architectures on mechanical, vibration and acoustic behavior of Kevlar-Hemp intraply hybrid composites	Composites Part A: Applied Science and Manufacturing	176				8.7	10.1016/j.compositesa.2023.107845
198	Venkatesan R., Balaji G.N.	Balancing composite motion optimization using R-ERNN with plant disease	Applied Soft Computing	154				8.7	10.1016/j.asoc.2024.111288

199	Saravanan S., Kumar R.S., Balakumar P.	Binary firefly algorithm based reconfiguration for maximum power extraction under partial shading and machine learning approach for fault detection in solar PV arrays	Applied Soft Computing	154				8.7	10.1016/j.asoc.2024.111318
200	Nallakaruppan M.K., Balusamy B., Shri M.L., Malathi V., Bhattacharyya S.	An Explainable AI framework for credit evaluation and analysis	Applied Soft Computing	153				8.7	10.1016/j.asoc.2024.111307
201	Viswanadhapalli J.K., Elumalai V.K., Shivram S., Shah S., Mahajan D.	Deep reinforcement learning with reward shaping for tracking control and vibration suppression of flexible link manipulator	Applied Soft Computing	152				8.7	10.1016/j.asoc.2023.110756
202	Pochont N.R., Sekhar Y R.	Local centric energy estimate model for clean and affordable power generation in a solar integrated passenger vehicle	Renewable Energy	222				8.7	10.1016/j.renene.2023.119855
203	Sudha M., Chandrakala D., Sreethar S., Shrivindhya A.	Energy Efficient Spiking Deep Residual Network and Binary Horse Herd Optimization Espoused clustering Protocol for Wireless Sensor Networks	Applied Soft Computing	157				8.7	10.1016/j.asoc.2024.111456
204	Parkavi R., Karthikeyan P., Sheik Abdullah A.	Enhancing personalized learning with explainable AI: A chaotic particle swarm optimization based decision support system	Applied Soft Computing	156				8.7	10.1016/j.asoc.2024.111451

205	Prusty M.R., Sudharsan R.M., Anand P.	Enhancing medical image classification with generative AI using latent denoising diffusion probabilistic model and wiener filtering approach[Formula presented]	Applied Soft Computing	161				8.7	10.1016/j.asoc.2024.111714
206	Ravindranath V., Nallakaruppan M.K., Shri M.L., Balusamy B., Bhattacharyya S.	Evaluation of performance enhancement in Ethereum fraud detection using oversampling techniques	Applied Soft Computing	161				8.7	10.1016/j.asoc.2024.111698
207	Polisetty A., Chakraborty D., Singu H.B., Behl A.	Examining the relationship between pro-environmental consumption behaviour and hedonic and eudaimonic motivation	Journal of Environmental Management	359				8.7	10.1016/j.jenvman.2024.121095
208	Kesavan P.K.; Subramaniam U.; Almakhles D.J.; Selvam S.	Modelling and Coordinated Control of Grid Connected Photovoltaic, Wind Turbine Driven PMSG, and Energy Storage Device for a Hybrid DC/AC Microgrid	Protection and Control of Modern Power Systems	9	1	154	167	8.7	10.23919/PCMP.2023.000272
209	Rajan A.; Laha S.S.; Sahu N.K.; Thorat N.D.; Shankar B.	Recent advancements and clinical aspects of engineered iron oxide nanoplatfoms for magnetic hyperthermia-induced cancer therapy	Materials Today Bio	29	0	0	0	8.7	10.1016/j.mtbio.2024.101348

210	Gokulakrishnan B., Satishkumar G.	Facilely prepared heterogeneous Fenton catalyst Fe(Fe _{0.69} Al _{0.31}) ₂ O ₄ @C for catalytic wet peroxide oxidation of ciprofloxacin in batch and continuous reactor: Reaction intermediates and toxicity evaluation	Separation and Purification Technology	333				8.6	10.1016/j.seppur.2023.125690
211	Kubra K., Pavithra V., Gopal B., Janaswamy S.	An integrated chemical approach for the removal of hazardous Cr(VI) and other contaminants of tannery wastewater: Biopolymer-assisted adsorption separation and conversion into valuable materials	Separation and Purification Technology	330				8.6	10.1016/j.seppur.2023.125220
212	Aher S., Zhu J., Bhagat P., Borse L., Liu X.	Pt(IV) Complexes in the Search for Novel Platinum Prodrugs with Promising Activity	Topics in current chemistry (Cham)	382	1	6		8.6	10.1007/s41061-023-00448-3
213	Jain Vinith P.R., Navin Sam K., Vidya T., Kathiresan A.C.	Development and Performance Analysis of Aquila Algorithm Optimized SPV Power Imputation and Forecasting Models	IEEE Transactions on Sustainable Energy	15	3	2103	2114	8.6	10.1109/TSTE.2024.3402585
214	Kim B., Sri Preethaa K.R., Song S., Lukacs R.R., An J., Chen Z., An E., Kim S.	Internet of things and ensemble learning-based mental and physical fatigue monitoring for smart construction sites	Journal of Big Data	11	1			8.6	10.1186/s40537-024-00978-7

215	Nair M.M.; Sriraman H.; Sai G.H.; Pattabiraman V.	DroneSilient (drone + resilient): an anti-drone system	Journal of Big Data	11	1			8.6	10.1186/s40537-024-01004-6
216	Pushparaj P.; Kushwaha B.	Social Media Influencer Marketing: A Systematic Literature Review Using TCM and ADO Framework	International Journal of Consumer Studies	48	6			8.6	10.1111/ijcs.13098
217	Kumarappan J.; Rajasekar E.; Vairavasundaram S.; Kotecha K.; Kulkarni A.	Siamese Graph Convolutional Split-Attention Network with NLP based Social Sentimental Data for enhanced stock price predictions	Journal of Big Data	11	1	0	0	8.6	10.1186/s40537-024-01016-2
218	Palani A., Loganathan A.	Semi-Blind watermarking using convolutional attention-based turtle shell matrix for tamper detection and recovery of medical images	Expert Systems with Applications	238				8.5	10.1016/j.eswa.2023.121903
219	T. P., Elumalai V.K., E. B.	Hand gesture classification framework leveraging the entropy features from sEMG signals and VMD augmented multi-class SVM	Expert Systems with Applications	238				8.5	10.1016/j.eswa.2023.121972
220	Veeragandham S., Santhi H.	Optimization enabled Deep Quantum Neural Network for weed classification and density estimation	Expert Systems with Applications	243				8.5	10.1016/j.eswa.2023.122679

221	Bhakuni P., Das A.	Profit maximizing business model for electric vehicle industry incorporating fuzziness in the environment: Encompassing a case study from silicon valley of India	Expert Systems with Applications	242				8.5	10.1016/j.eswa.2023.122828
222	Nalluri S., Sasikala R.	Pneumonia screening on chest X-rays with optimized ensemble model	Expert Systems with Applications	242				8.5	10.1016/j.eswa.2023.122705
223	Dixit C., Satapathy S.M.	Deep CNN with late fusion for real time multimodal emotion recognition	Expert Systems with Applications	240				8.5	10.1016/j.eswa.2023.122579
224	Divya R., Umamaheswari S., Stonier A.A.	Machine learning based smart intrusion and fault identification (SIFI) in inverter based cyber-physical microgrids	Expert Systems with Applications	238				8.5	10.1016/j.eswa.2023.122291
225	Elakkiya M.K., Dejeay	Novel deep learning models with novel integrated activation functions for autism screening: AutiNet and MinAutiNet	Expert Systems with Applications	238				8.5	10.1016/j.eswa.2023.122102
226	Das R., Nath Das K., Mallik S., Das S., Laskar N.M., Nath S.	A novel self-adaptive multi-population quadratic approximation guided jaya for solving real-parameter constrained optimization problems	Expert Systems with Applications	238				8.5	10.1016/j.eswa.2023.121898

227	Jansi Rani J., Manivannan A.	An application of generalized symmetric type-2 intuitionistic fuzzy variables to a transportation problem with the effect of a new ranking function	Expert Systems with Applications	237				8.5	10.1016/j.eswa.2023.121384
228	Rahamathulla N., Vadivel N., Theerthagiri J., Raj R.S., Moon C.J., Murthy A.P., Kheawhom S., Choi M.Y.	Underlying aspects of surface amendment strategies adopted in electrocatalysts for overall water splitting under alkaline conditions	Current Opinion in Electrochemistry	43				8.5	10.1016/j.coelec.2023.101428
229	Agrawal R., Mishra H., Kandasamy I., Terni S.R., Vasantha W.B.	Revolutionizing subjective assessments: A three-pronged comprehensive approach with NLP and deep learning[Formula presented]	Expert Systems with Applications	239				8.5	10.1016/j.eswa.2023.122470
230	Shirke S.A., Jayakumar N., Patil S.	Design and performance analysis of modern computational storage devices: A systematic review	Expert Systems with Applications	250				8.5	10.1016/j.eswa.2024.123570
231	Gayatri E., Seshadri Lakshminarayanan A.	Skin cancer classification enabled mobile neuro fuzzy network and entropy with weber local binary pattern based for feature extraction	Expert Systems with Applications	252				8.5	10.1016/j.eswa.2024.124056

232	Thomas A., Thirumalaisamy L., Madanagurusamy S., Sivaperuman K.	Switching the selectivity of ZnO thin films for ultra-sensitive acetaldehyde gas sensors through Co doping	Sensors and Actuators B: Chemical	401				8.4	10.1016/j.snb.2023.135043
233	Zhao S., Jiang B., Song K., Liu X., Wang W., Si D., Zhang J., Chen X., Zhou C., Liu P., Chen D., Zhang Z., Ramasamy P., Tang J., Lv W., Prashanth K.G., Şopu D., Eckert J.	Machine learning assisted design of high-entropy alloys with ultra-high microhardness and unexpected low density	Materials and Design	238				8.4	10.1016/j.matdes.2024.112634
234	Abhishek C., Raghukiran N.	Reversible shape transformations through continuous deformations in soft responsive self-repairing solids using voxel techniques	Materials and Design	241				8.4	10.1016/j.matdes.2024.112948
235	K R., S V.K., Saravanan P., Rajeshkannan R., Rajasimman M., Kamyab H., Vasseghian Y.	Exploring the diverse applications of Carbohydrate macromolecules in food, pharmaceutical, and environmental technologies	Environmental Research	240				8.3	10.1016/j.envres.2023.117521

236	Saravanakumar K., Park S., Vijayasarathy S., Swaminathan A., Sivasantosh S., Kim Y., Yoo G., Madhumitha H., MubarakAli D., Cho N.	Cellular metabolism and health impacts of dichlorvos: Occurrence, detection, prevention, and remedial strategies-A review	Environmental Research	242				8.3	10.1016/j.envres.2023.117600
237	Kalaiselvan N., Al-Ansari M.M., Mathimani T.	Biodiesel production from the Scenedesmus sp. and utilization of pigment from de-oiled biomass as sensitizer in the dye-sensitized solar cell (DSSC) for performance enhancement	Environmental Research	251				8.3	10.1016/j.envres.2024.118726
238	Dayanithi J., Pichaikaran S., Selvam S., Kotteswaran S., Kumaresan N., Pugazhendhi A., Rajesh Kumar M., AL Garalleh H., Ali Alshehri M., Murugadoss G.	4-Carboxyphenyl as efficient donor group in nano Zn-Porphyrin for dye sensitized solar cells	Environmental Research	251				8.3	10.1016/j.envres.2024.118704
239	Dhamodiran M., Chinnaperumal K., J D., Venkatesan G., A Alshiekheid M., Suseem S.R.	Isolation, structural elucidation of bioactive compounds and their wound-healing ability, antibacterial and In silico molecular docking applications	Environmental Research	252				8.3	10.1016/j.envres.2024.119023

240	Gangrade A., Zehtabi F., Rashad A., Haghniaz R., Falcone N., Mandal K., Khosravi S., Deka S., Yamauchi A., Voskanian L., Kim H.-J., Ermis M., Khademhosseini A., de Barros N.R.	Nanobioactive blood-derived shear-thinning biomaterial for tissue engineering applications	Applied Materials Today	38				8.3	10.1016/j.apmt.2024.102250
241	Jamila R.M., Narasimman S., Prasanth A., Muthukumar M., Alex Z.C., Anand G.T.	Fiber Optic Sensor Coated with Multiple Layers of Hexagonal Boron Nitride Nanosheets (BNNS) for the Detection of Volatile Organic Compounds	ACS Applied Materials and Interfaces	16	27	35525	35540	8.3	10.1021/acsami.4c05230
242	Sharma R., Nameirakpam H., Belinchón D.M., Sharma P., Noumbe U., Belotcerkovtceva D., Berggren E., Vretenár V., Vanco L., Matko M., Biroju R.K., Satapathi S., Edvinsson T., Lindblad A., Kamalakar M.V.	Large-Scale Direct Growth of Monolayer MoS ₂ on Patterned Graphene for van der Waals Ultrafast Photoactive Circuits	ACS Applied Materials and Interfaces	16	29	38711	38722	8.3	10.1021/acsami.4c07028

243	Shaz N., Maran S., Genasan K., Choudhary R., Alias R., Swamiappan S., Kamarul T., Raghavendran H.R.B.	Functionalization of poly (lactic-co-glycolic acid) nano-calcium sulphate and fucoidan 3D scaffold using human bone marrow mesenchymal stromal cells for bone tissue engineering application	International Journal of Biological Macromolecules	256				8.2	10.1016/j.ijbiomac.2023.128059
244	Dhanushkumar T., Selvam P.K., M E S., Vasudevan K., C G.P.D., Zayed H., Kamaraj B.	Rational design of a multivalent vaccine targeting arthropod-borne viruses using reverse vaccinology strategies	International Journal of Biological Macromolecules	258				8.2	10.1016/j.ijbiomac.2023.128753
245	Vinod L.A., Rajendran D., Shivashankar M., Chandrasekaran N.	Surface interaction of vancomycin with polystyrene microplastics and its effect on human serum albumin	International Journal of Biological Macromolecules	256				8.2	10.1016/j.ijbiomac.2023.128491
246	Koshy J., Sangeetha D.	Recent progress and treatment strategy of pectin polysaccharide based tissue engineering scaffolds in cancer therapy, wound healing and cartilage regeneration	International Journal of Biological Macromolecules	257				8.2	10.1016/j.ijbiomac.2023.128594
247	CH H.B., K R.R., C D., Kamwa I., Muyeen S.M.	A novel on intelligent energy control strategy for micro grids with renewables and EVs	Energy Strategy Reviews	52				8.2	10.1016/j.esr.2024.101306

248	Sethulakshmi A.G., Saravanakumar M.P.	Sustainable papaya plant waste and green tea residue composite films integrated with starch and gelatin for active food packaging applications	International Journal of Biological Macromolecules	260				8.2	10.1016/j.ijbiomac.2023.129153
249	Azhagesan A., Rajendran D., Varghese R.P., George Priya Doss C., Chandrasekaran N.	Assessment of polystyrene nano plastics effect on human salivary α -amylase structural alteration: Insights from an in vitro and in silico study	International Journal of Biological Macromolecules	257				8.2	10.1016/j.ijbiomac.2023.128650
250	Shyam R., Palaniappan A.	Development and optimization of starch-based biomaterial inks and the effect of infill patterns on the mechanical, physicochemical, and biological properties of 3D printed scaffolds for tissue engineering	International Journal of Biological Macromolecules	258				8.2	10.1016/j.ijbiomac.2023.128986
251	Dash S., Gutti P., Behera B., Mishra D.	Anionic species from multivalent metal salts are differentially retained during aqueous ionic gelation of sodium alginate and could fine-tune the hydrogel properties	International Journal of Biological Macromolecules	265				8.2	10.1016/j.ijbiomac.2024.130767
252	Karthikeyan D., Kumar S., Jayaprakash N.S.	A comprehensive review of recent developments in the gram-negative bacterial UDP-2,3-diacetylglucosamine hydrolase (LpxH) enzyme	International Journal of Biological Macromolecules	267				8.2	10.1016/j.ijbiomac.2024.131327

253	Chavda V.P., Vuppu S., Balar P.C., Mishra T., Bezbaruah R., Teli D., Sharma N., Alom S.	Propolis in the management of cardiovascular disease	International Journal of Biological Macromolecules	266				8.2	10.1016/j.ijbiomac.2024.131219
254	Zhao J., Wang T., Zhu Y., Qin H., Qian J., Wang Q., Zhang P., Liu P., Xiong A., Li N., Udduttula A., Ye S.-H., Wang D., Zeng H., Chen Y.	Enhanced osteogenic and ROS-scavenging MXene nanosheets incorporated gelatin-based nanocomposite hydrogels for critical-sized calvarial defect repair	International Journal of Biological Macromolecules	269				8.2	10.1016/j.ijbiomac.2024.131914
255	Patel A.N., Srivastava G., Maddikunta P.K.R., Murugan R., Yenduri G., Gadekallu T.R.	A Trustable Federated Learning Framework for Rapid Fire Smoke Detection at the Edge in Smart Home Environments	IEEE Internet of Things Journal			1	1	8.2	10.1109/IIOT.2024.3439228
256	Ramu M., C J.R., Hyun J., Goli N., Savariraj A.D., Sivakumar P., Velayutham R., Kim B.C., Oh J.-M.	Integration of vanadium diphosphide with 2D cobalt phosphide architected as an extensible redox active positrode for alkaline supercapacitor	Materials Today Nano	28				8.2	10.1016/j.mtnano.2024.100516
257	Sasmal P., Sharma V., Prakash A.J., Bhuyan M.K., Patro K.K., Samee N.A., Alamro H., Iwahori Y., Tadeusiewicz R., Acharya U.R., Pławiak P.	Semi-supervised generative adversarial networks for improved colorectal polyp classification using histopathological images	Information Sciences	658				8.1	10.1016/j.ins.2023.120033

258	Lin Q., Li X., Cai K., Prakash M., Paulraj D.	Secure Internet of medical Things (IoMT) based on ECMQV-MAC authentication protocol and EKMC-SCP blockchain networking	Information Sciences	654				8.1	10.1016/j.ins.2023.119783
259	Ramesh Babu N., Sam Joshua A., Balasubramaniam P., Tiwari A.	Fuzzy-driven image enhancement via ABR-fractal-fractional differentiation	Information Sciences	675				8.1	10.1016/j.ins.2024.120741
260	Biroju R.K., Maity D., Vretenár V., Vančo, Sharma R., Sahoo M.R., Kumar J., Gayathri G., Narayanan T.N., Nayak S.K.	Quantification of alloy atomic composition sites in 2D ternary MoS ₂ (1-x)Se ₂ x and their role in persistent photoconductivity, enhanced photoresponse and photo-electrocatalysis	Materials Today Advances	22				8.1	10.1016/j.mtadv.2024.100504
261	Arun Prasad D., Muralikrishnan G., Navaneethan C., Meenatchi S.	A novel modified switched capacitor multilevel inverter using SARC-DQRLC controlling mechanisms for grid systems	International Journal of Hydrogen Energy	77		40	53	8.1	10.1016/j.ijhydene.2024.06.156
262	Baskar G., Nashath Omer S., Saravanan P., Rajeshkannan R., Saravanan V., Rajasimman M., Shanmugam V.	Status and future trends in wastewater management strategies using artificial intelligence and machine learning techniques	Chemosphere	362				8.1	10.1016/j.chemosphere.2024.142477

263	Debroy A., Nirmala M.J., Pulimi M., Peijnenburg W.J.G.M., Mukherjee A.	Assessing the role of the graphene family nanomaterials (GFNs: Graphene, GO, rGO) in modifying the toxicity potential and environmental risk of flame retardant, tetrabromobisphenol-A (TBBPA) in the marine microalgae <i>Chlorella</i> sp.	Chemosphere	361				8.1	10.1016/j.chemosphere.2024.142491
264	Murugesan R.A., Chandar Nagamuthu Raja K., Devi N., Lin H.-T., Huang C.-C., Jiang X.-Y., Li Y.-Y., Arthanareeswaran G., Ponvijayakanthan L., Jaiswal N.K., Chen Y.-S.	Development of Ni-doped Co ₃ O ₄ oxygen evolution catalysts for anion exchange membrane water electrolysis	International Journal of Hydrogen Energy	72		677	686	8.1	10.1016/j.ijhydene.2024.05.365
265	Sharma S., Shanmugam R., Harikrishna R.B., Prasad U., Kannan A.M., Rao G.R.	Viscosity effect of polyols on the growth of nanostructured titania photoanode for photoelectrochemical water splitting	International Journal of Hydrogen Energy					8.1	10.1016/j.ijhydene.2024.06.165

266	Nguyen V.N., Ganesan N., Ashok B., Balasubramanian D., Anabayan K., Lawrence K.R., Tamilvanan A., Le D.T.N., Truong T.H., Tran V.D., Cao D.N., JS F.J., Varuvel E.G.	Eco-friendly perspective of hydrogen fuel addition to diesel engine: An inclusive review of low-temperature combustion concepts	International Journal of Hydrogen Energy					8.1	10.1016/j.ijhydene.2024.05.454
267	Madhavi R., Vairavasundaram I.	Analysis on energy storage systems utilising sodium/lithium/hydrogen for electric vehicle applications	International Journal of Hydrogen Energy	77		526	544	8.1	10.1016/j.ijhydene.2024.06.154
268	V A.B., T V.	Experimental investigation on accelerated generation of HHO gas using titanium electrodes with platinum and mixed metal oxide coating - A comparative study	International Journal of Hydrogen Energy	79		177	185	8.1	10.1016/j.ijhydene.2024.06.405
269	Das S., M R S., Jeeva J.B., Mukherjee A.	Release kinetic study of microplastics from N95 face masks and consequent effects on freshwater alga Scenedesmus obliquus	Chemosphere	363				8.1	10.1016/j.chemosphere.2024.142851
270	Dhanasekaran A., Priyadarshini N., Perumal I., Suresh G., Sagadevan S.	Hydroxyapatite derived from eggshell embedded on functionalized g-C ₃ N ₄ for synergistic extraction of U(VI) from aqueous solution	Chemosphere	364				8.1	10.1016/j.chemosphere.2024.143018

271	Venkatasatish R., Dhanamjayulu C.	Parasitism-predation optimization algorithm-based energy management system for hybrid electric power system	International Journal of Hydrogen Energy	83		290	306	8.1	10.1016/j.ijhydene.2024.08.141
272	Dash S., K A.S., S J., D V.H.W., D E., Surapraraju S.K., Natarajan S.K.	Advances in green hydrogen production through alkaline water electrolysis: A comprehensive review	International Journal of Hydrogen Energy	83		614	629	8.1	10.1016/j.ijhydene.2024.08.157
273	Raguram T., Rajni K.S., Kanchana D., José S.-E., Granados-Tavera K., Cárdenas-Jirón G., Shobana M., Meher S.R.	Exploring structural and optical properties of iodine-doped TiO ₂ nanoparticles in Rhodamine-B dye degradation: Experimental and theoretical investigation	Chemosphere	364				8.1	10.1016/j.chemosphere.2024.143183
274	Chakravorty A.; Raghavan V.	Proton conductive 2D MXene-derived potassium titanate nanoribbons fabricated electrochemical platform for trace detection of enrofloxacin	Chemosphere	366				8.1	10.1016/j.chemosphere.2024.143520
275	Debroy A.; Saravanan J.S.; Nirmala M.J.; Pulimi M.; Mukherjee A.	Algal EPS modifies the toxicity potential of the mixture of polystyrene nanoplastics (PSNPs) and triphenyl phosphate in freshwater microalgae <i>Chlorella</i> sp.	Chemosphere	366				8.1	10.1016/j.chemosphere.2024.143471

276	Anand Kumar S.; John Kennedy L.	Insights into the combined effect of coupled CuFeO ₂ /Fe ₃ O ₄ heterostructured hybrid electrocatalyst for efficient hydrogen evolution in water splitting	International Journal of Hydrogen Energy	96	0	1101	1118	8.1	10.1016/j.ijhydene.2024.11.310
277	Chandra Mouli B.; Sharma V.K.; Sanjay; Paswan M.; Thomas B.	Performance investigations on thermochemical energy storage system using cerium, aluminium, manganese, and tin-substituted LaNi ₅ hydrides	International Journal of Hydrogen Energy	96	0	1203	1214	8.1	10.1016/j.ijhydene.2024.11.354
278	Ganesan S.; Kokulnathan T.; Wang T.-J.; Palaniappan A.	Sulfur-doped graphitic C ₃ N ₄ decorated on cauliflower-like CaMoO ₄ : An efficient electrocatalyst for electrochemical detection of carcinogenic organic pollutant (metol)	Chemosphere	369	0	0	0	8.1	10.1016/j.chemosphere.2024.143815
279	Chakraborty S.; Banerjee M.; Jayaraman G.; Rajeswari V D.	Evaluation of the health impacts and deregulation of signaling pathways in humans induced by microplastics	Chemosphere	369	0	0	0	8.1	10.1016/j.chemosphere.2024.143881
280	Raju M S.S., Mohapatra P., Dutta S., Mallipeddi R., Das K.N.	Optimal placement of fixed hub height wind turbines in a wind farm using twin archive guided decomposition based multi-objective evolutionary algorithm	Engineering Applications of Artificial Intelligence	130				8	10.1016/j.engappai.2023.107735

281	Ramadevi B., Kasi V.R., Bingi K.	Fractional ordering of activation functions for neural networks: A case study on Texas wind turbine	Engineering Applications of Artificial Intelligence	127				8	10.1016/j.engappai. 2023.107308
282	Joe Dhanith P.R., Saeed K., Rohith G., Raja S.P.	Weakly supervised learning for an effective focused web crawler	Engineering Applications of Artificial Intelligence	132				8	10.1016/j.engappai. 2024.107944
283	Prasshanth C.V., Venkatesh S.N., Sugumaran V., Aghaei M.	Enhancing photovoltaic module fault diagnosis: Leveraging unmanned aerial vehicles and autoencoders in machine learning	Sustainable Energy Technologies and Assessments	64				8	10.1016/j.seta.2024. 103674
284	Abishek M.S., Kachhap S., Rajak U., Verma T.N., Singh T.S., Shaik S., Cuce E., Alwetaishi M.	Alumina and titanium nanoparticles to diesel–Guizotia abyssinica (L.) biodiesel blends on MFVCR engine performance and emissions	Sustainable Energy Technologies and Assessments	61				8	10.1016/j.seta.2023. 103580
285	Sekar A., Perumal V.	SS-GAN based road surface crack region segmentation and forecasting	Engineering Applications of Artificial Intelligence	133				8	10.1016/j.engappai. 2024.108300
286	Roushan A., Das A., Dutta A., Senapati T., Bera U.K.	Multi-objective supply chain model with multiple levels of transit and vulnerable zone detection implementing hexagonal defuzzification: A case study of 2022 Assam flood	Engineering Applications of Artificial Intelligence	133				8	10.1016/j.engappai. 2024.108183

287	Das P.K., Sreevatsav S., Abraham A.	An efficient deep learning network with orthogonal softmax layer for automatic detection of tuberculosis	Engineering Applications of Artificial Intelligence	133				8	10.1016/j.engappai.2024.108116
288	Venkatesh S.N., Sugumaran V., Subramanian B., Josephin J.S.F., Varuvel E.G.	A comparative study on bayes classifier for detecting photovoltaic module visual faults using deep learning features	Sustainable Energy Technologies and Assessments	64				8	10.1016/j.seta.2024.103713
289	Mohapatra P., Gopikrishnan M., George Priya Doss C., Chandrasekaran N.	How Precise are Nanomedicines in Overcoming the Blood–Brain Barrier? A Comprehensive Review of the Literature	International Journal of Nanomedicine	19		2441	2467	8	10.2147/IJN.S442520
290	Wardach M., Palka R., Prajzencanc P., Gundabattini E., Cierzniewski K., Pstrokonski R., Cichowicz M., Wiszniewski M., Pacholski S., Singh Rassiah R., Gnanaraj Solomon D.	Permanent magnet assisted synchronous reluctance machine for drives of light vehicles	Sustainable Energy Technologies and Assessments	65				8	10.1016/j.seta.2024.103780
291	Bhasker B., Murali S.	An Energy-Efficient Cluster-based data aggregation for agriculture irrigation management system using wireless sensor networks	Sustainable Energy Technologies and Assessments	65				8	10.1016/j.seta.2024.103771

292	Florance I., Cordani M., Pashootan P., Moosavi M.A., Zarrabi A., Chandrasekaran N.	The impact of nanomaterials on autophagy across health and disease conditions	Cellular and Molecular Life Sciences	81	1			8	10.1007/s00018-024-05199-y
293	Chandra P., Das R.	Design of a unified physics-informed neural network using interior point algorithm to study the bioconvection nanofluid flow via stretching surface	Engineering Applications of Artificial Intelligence	133				8	10.1016/j.engappai.2024.108647
294	Gurusamy A., Ashok B.	Establishment of electric two-wheeler driving cycle for energy economy and life cycle assessment under Indian Tier-2 city driving environments	Sustainable Energy Technologies and Assessments	66				8	10.1016/j.seta.2024.103826
295	Kalai Priya A., Rao S.K., Divya S., Vijay N., Jerome P., Oh T.H., Renganathan B., Sastikumar D.	Engineering luminescent quantum dots through laser ablation of samarium oxide (Sm ₂ O ₃): A novel approach for enhanced fiber optic gas sensing	Sensors and Actuators B: Chemical	417				8	10.1016/j.snb.2024.136128
296	Chellaiah C., Anbalagan S., Swaminathan D., Chowdhury S., Kadhila T., Shopati A.K., Shangdiar S., Sharma B., Amesho K.T.T.	Integrating deep learning techniques for effective river water quality monitoring and management	Journal of Environmental Management	370				8	10.1016/j.jenvman.2024.122477

297	Kafy A.A., Dey N.N., Saha M., Altuwaijri H.A., Fattah M.A., Rahaman Z.A., Kalaivani S., Bakshi A., Rahaman S.N.	Leveraging machine learning algorithms in dynamic modeling of urban expansion, surface heat islands, and carbon storage for sustainable environmental management in coastal ecosystems	Journal of Environmental Management	370				8	10.1016/j.jenvman.2024.122427
298	Behera S.K., Karthika S., Mahanty B., Meher S.K., Zafar M., Baskaran D., Rajamanickam R., Das R., Pakshirajan K., Bilyaminu A.M., Rene E.R.	Application of artificial intelligence tools in wastewater and waste gas treatment systems: Recent advances and prospects	Journal of Environmental Management	370				8	10.1016/j.jenvman.2024.122386
299	Roy K.; Bal D.K.; Gawande K.; Dhenge P.; Bhasarkar J.	Sonophotocatalytic degradation of rhodamine B dye using Zr doped ZnO nanoparticles: Kinetic study and toxicity assessment	Journal of Environmental Management	371	0	0	0	8	10.1016/j.jenvman.2024.123170
300	Aghaei M.; Kolahi M.; Nedaei A.; Venkatesh N.S.; Esmailifar S.M.; Moradi S.; Sazkoushi A.M.; Aghamohammadi A.; Oliveira A.K.V.; Eskandari A.; Parvin P.; Milimonfared J.; Sugumaran V.; Rother R.	Autonomous Intelligent Monitoring of Photovoltaic Systems: An In-Depth Multidisciplinary Review	Progress in Photovoltaics: Research and Applications	0	0	0	0	8	10.1002/pip.3859

301	Harkat H., Camarinha-Matos L.M., Goes J., Ahmed H.F.T.	Cyber-physical systems security: A systematic review	Computers and Industrial Engineering	188				7.9	10.1016/j.cie.2024.109891
302	Bhakuni M.S., Das A.	A cost-efficient relocation model minimizing economic and social disruption of the disaster-affected population of the Kedarnath considering uncertainty	Computers and Industrial Engineering	190				7.9	10.1016/j.cie.2024.110005
303	Prathiba S.B.; Murali P.; Moorthy R.S.; Anandhan D.K.; Selvaraj A.K.; Rodrigues J.J.P.C.	A Blockchain-Powered Malicious Node Detection in Internet of Autonomous Vehicles	IEEE Transactions on Intelligent Transportation Systems	25	11	16277	16287	7.9	10.1109/TITS.2024.3433480
304	Hu Z.; Su Y.; Raj R.S.P.; Cheng X.; Zhang Z.	View-Aware-Based Post-Processing for Vehicle Re-Identification	IEEE Transactions on Intelligent Transportation Systems	0	0	0	0	7.9	10.1109/TITS.2024.3484374
305	Sarkar S., Patel S., Mukherjee D.	Palladium phosphoselenide (PdPSe) – Reduced graphene oxide composite: A tri-functional electrocatalyst and a cathode catalyst for alkaline fuel cells	Materials Today Sustainability	25				7.8	10.1016/j.mtsust.2023.100651
306	Arumugam D.B., Ganesan M.C.	Characterization of cassia fistula seed and shell copyrolysis yield optimization by response surface methodology and compositional analysis	Process Safety and Environmental Protection	184		355	376	7.8	10.1016/j.psep.2024.01.070

307	Wagh M.S., S S., Nath P.C., Chakraborty A., Amrit R., Mishra B., Mishra A.K., Mohanta Y.K.	Valorisation of agro-industrial wastes: Circular bioeconomy and biorefinery process – A sustainable symphony	Process Safety and Environmental Protection	183		708	725	7.8	10.1016/j.psep.2024.01.055
308	Jose H., Arumugham T., Gnanasundaram N., Krishnamoorthy R., Hasan S.W., Banat F.	2D/2D nanohybrid of MoS ₂ /g-C ₃ N ₄ engineered polysulfone (PSF) membrane with enhanced filtration and anti-fouling performance	Process Safety and Environmental Protection	186		933	943	7.8	10.1016/j.psep.2024.04.047
309	Aravindan M., Praveen Kumar G.	Optimizing novel green hydrogen production from solar and municipal solid waste: A thermo-economic investigation with environmental comparison between integrated low temperature power cycles	Process Safety and Environmental Protection	186		421	447	7.8	10.1016/j.psep.2024.03.085
310	Khan K.A., Murthy B.S.N., Madhusudanan V., Srinivas M.N., Zeb A.	Hopf-bifurcation of a two delayed social networking game addiction model with graded infection rate	Chaos, Solitons and Fractals	182				7.8	10.1016/j.chaos.2024.114798
311	Sivakumar C.L.V., Mone V., Abdumukhtor R.	Addressing privacy concerns with wearable health monitoring technology	Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery					7.8	10.1002/widm.1535

312	Vasan V., Sridharan N.V., Feroskhan M., Vaithiyanathan S., Subramanian B., Tsai P.-C., Lin Y.-C., Lay C.-H., Wang C.-T., Ponnusamy V.K.	Biogas production and its utilization in internal combustion engines - A review	Process Safety and Environmental Protection	186		518	539	7.8	10.1016/j.psep.2024.04.014
313	Tamilselvan R., Immanuel Selwynraj A.	Enhancing biogas production through photocatalytic pretreatment of rice straw co-digested with cow dung and food waste using a novel g-C ₃ N ₄ /SiO ₂ /bentonite catalyst	Process Safety and Environmental Protection	187		799	809	7.8	10.1016/j.psep.2024.05.017
314	Viswanathan P., Chandrasekhar A.	Energizing geriatric healthcare: A triboelectric energy harvester with self-powered morse code generator and IoT-Enabled remote sensing tactile patch	Materials Today Sustainability	27				7.8	10.1016/j.mtsust.2024.100801
315	C N D., Behura A.K.	Thermophysical characterization and reliability analysis of binary composite nano doping on stearic acid-acetamide eutectic PCM	Materials Today Sustainability	26				7.8	10.1016/j.mtsust.2024.100804

316	Rengasamy M., Eswaramoorthy N., Gnanasekaran A., G K., N G., S S., M S S., Rajaram K.	Optimization of 3D-printed solar evaporators for enhanced interfacial solar steam generation and beyond: Investigating surface modifications and nanocomposite coatings	Materials Today Sustainability	26				7.8	10.1016/j.mtsust.2024.100816
317	Krishna Kumar S., Kuppusamy S., Pavoor Veedu A., Kancharlapalli Chinaraga P., Rao C.V.S.B., Nagarajan S., Deivasigamani P., Mohan A.M.	Structurally engineered probe infused porous polymer monolith as a solid-state visual sensing platform for Cd ²⁺ ions	Journal of Environmental Chemical Engineering	12	2			7.7	10.1016/j.jece.2024.112166
318	Das P.K., Dash A., Meher S.	ACDSSNet: Atrous Convolution-based Deep Semantic Segmentation Network for Efficient Detection of Sickle Cell Anemia	IEEE Journal of Biomedical and Health Informatics			1	8	7.7	10.1109/JBHI.2024.3362843
319	Pragalathan S., Ruspika S., Chen S.-M., Dhanasekaran A., Velmurugan V., Balaji R., Mohan J., Chandrasekar N.	Fabricating NiCoFe ₂ O ₄ decorated PANI nanostructures for high-performance electrochemical detection of 3-Nitro-L-tyrosine biomarkers for rapid diagnosis	Journal of Environmental Chemical Engineering	12	3			7.7	10.1016/j.jece.2024.112455

320	Sasikumar D.S.N., Thiruselvam P., Sundararajan V., Ravindran R., Gunasekaran S., Madathil D., Kaliyamurthi S., Peslherbe G.H., Selvaraj G., Sudhakaran S.L.	Insights into dietary phytochemicals targeting Parkinson's disease key genes and pathways: A network pharmacology approach	Computers in Biology and Medicine	172				7.7	10.1016/j.compbio med.2024.108195
321	Lekshmi G.S., Krzemińska A., Sundararaju S., Hinder S.J., Zatylna A., Paneth P., Pietrasik J., Sudip C., Hendrickx W., Nathanael A.J., Januszewicz B., Kolodziejczyk L., Kaczmarek L., Kumaravel V.	Engineering of brewery waste- derived graphene quantum dots with ZnO nanoparticles for treating multi-drug resistant bacterial infections	Journal of Environmental Chemical Engineering	12	2			7.7	10.1016/j.jece.2024. 112263
322	Pandya C., Sivaramakrishna A.	Exploring the binding properties of DNA/BSA and cytotoxicity studies with new terpyridine-ester-based metal complexes (M = Fe(III), Ni(II), Cu(II) and Ru(III)) – A comparative analysis	International Journal of Biological Macromolecules	274				7.7	10.1016/j.ijbiomac.2 024.132792

323	Koshy R.R., K V., Reghunadhan A., Mary S.K., Koshy J.T., D S., Williams P.G., Pothen L.A.	Biofilms from poly-vinyl alcohol/palmyra root sprout with <i>Boswellia serrata</i> , carbon dots and anthocyanin for sensing the freshness of sardine fish	International Journal of Biological Macromolecules	273				7.7	10.1016/j.ijbiomac.2 024.132991
324	Santhappan J.S., Kalaiselvan N., Assis S.M., Amjith L.R., Glivin G., Mathimani T.	Origin, types, and contribution of emerging pollutants to environmental degradation and their remediation by physical and chemical techniques	Environmental Research	257				7.7	10.1016/j.envres.20 24.119369
325	Chellapandi T., Madhumitha G., Avinash J.	Ultrasonication-assisted synthesis of CuO-decorated montmorillonite K30 nanocomposites for photocatalytic removal of emerging contaminants: A response surface methodology approach	Environmental Research	259				7.7	10.1016/j.envres.20 24.119574
326	Dey P., Osborne J.W., Lincy K.B.	An insight on the plausible biological and non-biological detoxification of heavy metals in tannery waste: A comprehensive review	Environmental Research	258				7.7	10.1016/j.envres.20 24.119451
327	Subramani G., Manian R.	Bioactive chitosan films: Integrating antibacterial, antioxidant, and antifungal properties in food packaging	International Journal of Biological Macromolecules	278				7.7	10.1016/j.ijbiomac.2 024.134596

328	Kunjiappan S., Panneerselvam T., Pavadai P., Balakrishnan V., Pandian S.R.K., Palanisamy P., Sankaranarayanan M., Kabilan S.J., Sundaram G.A., Tseng W.-L., Kumar A.S.K.	Fabrication of folic acid- conjugated pyrimidine-2(5H)- thione-encapsulated curdlan gum-PEGamine nanoparticles for folate receptor targeting breast cancer cells	International Journal of Biological Macromolecules	277				7.7	10.1016/j.ijbiomac.2 024.134406
329	Sounderarajan S., Seenivasan H., Velayudhaperumal Chellam P., Puchalapalli D.S.R., Ayothiraman S.	Selective recovery of esterase from <i>Trichoderma harzianum</i> through adsorption: Insights on enzymatic catalysis, adsorption isotherms and kinetics	International Journal of Biological Macromolecules	277				7.7	10.1016/j.ijbiomac.2 024.134133
330	Revathi S., Amanullah M., Al-Samghan A.S., Joseph J.J., Pazhanisamy P., Addich M., Gomathi T.	Sustainable heavy metal (Cr(VI) ion) remediation: Ternary blend approach with chitosan, carboxymethyl cellulose, and bioactive glass	International Journal of Biological Macromolecules	278				7.7	10.1016/j.ijbiomac.2 024.134769
331	Abdullah E.M., Khan M.S., Aziz I.M., Alokail M.S., Karthikeyan S., Rupavarshini M., Bhat S.A., Ataya F.S.	Expression, characterization and cytotoxicity of recombinant L-asparaginase II from <i>Salmonella paratyphi</i> cloned in <i>Escherichia coli</i>	International Journal of Biological Macromolecules	279				7.7	10.1016/j.ijbiomac.2 024.135458

332	Boominathan T., Singh I., Krishna J.S., Perinbanathan S., Arbaaz S.M., Latha S., Karthikeyan S., Desikan R., Rao C.V.S.B., Sivaramakrishna A.	New recyclable and functionalized chitosan-based polyurethane foams for effective and incessant removal of Orange II (OII) and Rhodamine B (RhB) dyes from water	International Journal of Biological Macromolecules	279				7.7	10.1016/j.ijbiomac.2024.134999
333	Sheik A.; Rethinasabapathy M.; Kodiveri Muthukaliannan G.; Safarkhani M.; Kang H.; Kim D.; Alhammadi M.; Jung E.; Huh Y.S.	ZIF-8 nanocarriers synthesized by co-encapsulating resveratrol and cellulase for biomedical applications	International Journal of Biological Macromolecules	283	0	0	0	7.7	10.1016/j.ijbiomac.2024.137756
334	Manohar D.; Babu R.S.; Vijaya B.; Nallakumar S.; Gobi R.; Anand S.; Nishanth D.S.; Anupama A.; Rani M.U.	A review on exploring the potential of PVA and chitosan in biomedical applications: A focus on tissue engineering, drug delivery and biomedical sensors	International Journal of Biological Macromolecules	283	0	0	0	7.7	10.1016/j.ijbiomac.2024.137318
335	Rathinamoorthy R., Raja Balasaraswathi S.	Assessing the contribution of sewing threads to microfiber release during domestic laundering	Environmental Pollution	362				7.6	10.1016/j.envpol.2024.124966
336	Pani B.S.U.L.; Chandrasekaran N.	Investigating the impact of nanoplastics in altering the efficacy of clarithromycin antibiotics through In vitro studies	Environmental Pollution	363				7.6	10.1016/j.envpol.2024.125144

337	Vodyaho A., Zhukova N., Delhibabu R., Subbotin A.	Continuous agile cyber-physical systems architectures based on digital twins	Future Generation Computer Systems	153		350	359	7.5	10.1016/j.future.2023.11.024
338	Padma A., Ramaiah M.	GLSBloT: GWO-based enhancement for lightweight scalable blockchain for IoT with trust based consensus	Future Generation Computer Systems	159		64	76	7.5	10.1016/j.future.2024.05.008
339	Rajapackiyam E., Devi A., Reddy M.S., Arumugam U., Vairavasundaram S., Vairavasundaram I., Suresh V.	An efficient computation offloading in edge environment using genetic algorithm with directed search techniques for IoT applications	Future Generation Computer Systems	158		378	390	7.5	10.1016/j.future.2024.04.021
340	Rampriya R.S., Nathan S., Suganya R., Prathiba S.B., Perumal P.S., Wang W.	Lightweight railroad semantic segmentation network and distance estimation for railroad Unmanned aerial vehicle images	Engineering Applications of Artificial Intelligence	134				7.5	10.1016/j.engappai.2024.108620
341	Abhishek C., Raghukiran N.	Detection and comparison of reversible shape transformations in responsive polymers using deep learning and knowledge transfer by identifying stimulus-triggering characteristic points	Engineering Applications of Artificial Intelligence	136				7.5	10.1016/j.engappai.2024.109038
342	Vasan V., Sridharan N.V., Balasundaram R.J., Vaithyanathan S.	Ensemble-based deep learning model for welding defect detection and classification	Engineering Applications of Artificial Intelligence	136				7.5	10.1016/j.engappai.2024.108961

343	Prasshanth C.V., Naveen Venkatesh S., Mahanta T.K., Sakthivel N.R., Sugumaran V.	Fault diagnosis of monoblock centrifugal pumps using pre-trained deep learning models and scalogram images	Engineering Applications of Artificial Intelligence	136				7.5	10.1016/j.engappai.2024.109022
344	Fang M., Tan Z., Tang Y., Chen W., Huang H., Dananjayan S., He Y., Luo S.	Pest-ConFormer: A hybrid CNN-Transformer architecture for large-scale multi-class crop pest recognition	Expert Systems with Applications	255				7.5	10.1016/j.eswa.2024.124833
345	Hussain I., Kewate O.J., Hanan A., Bibi F., Javed M.S., Rosaiah P., Ahmad M., Chen X., Shaheen I., Hanif M.B., Bhatti A.H., Assiri M.A., Zoubi W.A., Zhang K.	V-MXenes for Energy Storage/Conversion Applications	ChemSusChem					7.5	10.1002/cssc.20240283
346	Ganesan S., Ramalingam B., Mohan R.E.	A hybrid sampling-based RRT* path planning algorithm for autonomous mobile robot navigation	Expert Systems with Applications	258				7.5	10.1016/j.eswa.2024.125206
347	Manohar B., Das R., Lakshmi M.	A hybridized LSTM-ANN-RSA based deep learning models for prediction of COVID-19 cases in Eastern European countries	Expert Systems with Applications	256				7.5	10.1016/j.eswa.2024.124977
348	Konduru U.R., Nagarajan A.P., Sri Sai C.V.	An improved performance of reversible data hiding in encrypted images using decision tree algorithm	Engineering Applications of Artificial Intelligence	137				7.5	10.1016/j.engappai.2024.109100

349	Sivamayivelan K., Rajasekar E., Vairavasundaram S., Balachandran S., Suresh V.	Flexible recommendation for optimizing the debt collection process based on customer risk using deep reinforcement learning	Expert Systems with Applications	256				7.5	10.1016/j.eswa.2024 .124951
350	Kumar S., Raghupathy R., Vezzù K., Garaga M.N., Zhu X., Greenbaum S., Di Noto V., Vittadello M.	Sodium Ion-Conducting Electrolytes Based on Chloroaluminate Ionic Liquids and δ -NaCl	ChemSusChem					7.5	10.1002/cssc.20240 0863
351	Sharen H., Jani Anbarasi L., Rukmani P., Gandomi A.H., Neeraja R., Narendra M.	WISNet: A deep neural network based human activity recognition system	Expert Systems with Applications	258				7.5	10.1016/j.eswa.2024 .124999
352	Das N.; Maity C.	Mechanical force-switchable aqueous organocatalysis	Communications Materials	5	1			7.5	10.1038/s43246-024- 00640-y
353	Rameez P.V., Mohamed Ibrahim M.	Estimation of assorted injection schedules on hydrogen-diesel dual fuel and reactivity controlled compression ignition modes in a medium duty automotive engine	Fuel	359				7.4	10.1016/j.fuel.2023. 130435

354	Tamilselvan R., Selwynraj A.I.	A novel g-C3N4 photocatalytic pretreatment for reducing silica and modifying the structure of rice straw for sustainable biofuel production	Fuel	357				7.4	10.1016/j.fuel.2023.129901
355	Mohan I., Mandal S., Panda A.K., Prakash R., Kumar S.	An experimental investigation in a CI engine for the performance, emission and combustion characteristics of liquid fuel produced through catalytic co-pyrolysis	Fuel	363				7.4	10.1016/j.fuel.2024.130909
356	Joseph Antony Sundarsingh T., Ameen F., Ranjitha J., Raghavan S., Shankar V.	Engineering microbes for sustainable biofuel production and extraction of lipids – Current research and future perspectives	Fuel	355				7.4	10.1016/j.fuel.2023.129532
357	Samuel M.S., Prabakaran Sudhakar M., Santhappan J.S., Ravikumar M., Kalaiselvan N., Mathimani T.	Ammonia production from microalgal biosystem: Present scenario, cultivation systems, production technologies, and way forward	Fuel	368				7.4	10.1016/j.fuel.2024.131643
358	Bilvatej B., Naveen J., Norraahim M.N.F., Knight V.F., Karthikeyan N., Chandrasekar M., Loganathan T.M., Anand S.P.	Effects of nanofillers on the physical, mechanical, and tribological behavior of carbon/kenaf fiber-reinforced phenolic composites	Nanotechnology Reviews	13	1			7.4	10.1515/ntrev-2024-0009

359	Sarangi P.K., Srivastava R.K., Gitanjali J., Sathiyam G., Venkatesan G., Kandasamy S.	Exploring cutting-edge advances in green ammonia production and storage technologies	Fuel	371				7.4	10.1016/j.fuel.2024. 131863
360	Kulandaivel T., Gopalakrishnan M., Ganesan S., Mohamad A.A., Nootong K., Nguyen M.T., Yonezawa T., Kheawhom S.	Eco-friendly synthesis and application of NH ₂ -COOH functionalized Fe ₃ O ₄ @graphite carbon microballs in heavy metal removal	Journal of Environmental Chemical Engineering	12	5			7.4	10.1016/j.jece.2024. 113724
361	Yadav S., Ahmad A., Gulati C., Ghangrekar M.M., Dubey B.K.	Zn-Al@LDH infused hydrochar as cathode catalyst for upgrading tetracycline degradation and hospital wastewater treatment: A synergy of Fenton-like and bio- electrochemical systems	Journal of Environmental Chemical Engineering	12	5			7.4	10.1016/j.jece.2024. 113874
362	Bijoy G., Sangeetha D.	Biomass derived carbon quantum dots as potential tools for sustainable environmental remediation and eco-friendly food packaging	Journal of Environmental Chemical Engineering	12	5			7.4	10.1016/j.jece.2024. 113727
363	Vignesh R., Abdul Rahim A.	Emerging eco-friendly fiber- reinforced concrete with shaped synthetic aggregates using Taguchi grey relational analysis and utility concept	Construction and Building Materials	447				7.4	10.1016/j.conbuildm at.2024.138039

364	Godani P., Priya T.S., Alengaram U.J.	Evaluation of chemo-physio-mechanical characteristics of GGBS-MBS-based ready-mix geopolymer under ambient curing condition	Construction and Building Materials	449				7.4	10.1016/j.conbuildmat.2024.138202
365	Kokulnathan T., Ganesan S., Wang T.-J., Palaniappan A.	Mechanochemically synthesized flower-like bismuth oxyhalides: An electrochemical platform for diclofenac detection	Journal of Environmental Chemical Engineering	12	5			7.4	10.1016/j.jece.2024.114049
366	Reddy S., Dey K., Dsilva Winfred Rufuss D., Arulvel S., Akinaga T.	Forward osmosis desalination: A critical review focussing on recent advancements in draw solution recovery techniques for enhanced efficiency and regeneration	Journal of Environmental Chemical Engineering	12	5			7.4	10.1016/j.jece.2024.113968
367	Krishna Kumar S.; Deivasigamani P.; Kuppusamy S.; K Chinaraga P.; Rao C.V.S.B.; Nagarajan S.; Mohan A.M.	Chromoionophores decorated silica-polymer hybrid monolith as the solid-state optical sensor for the simultaneous detection of Pb ²⁺ , Hg ²⁺ , and Cd ²⁺ in aqueous and cigarette samples	Journal of Environmental Chemical Engineering	12	6	0	0	7.4	10.1016/j.jece.2024.114639
368	Xu R.; Sharma A.K.; Miwa S.; Suzuki S.	Improvement of aerosol spray scavenging efficiency by pre-injecting electrically charged water mist	Journal of Environmental Chemical Engineering	12	6	0	0	7.4	10.1016/j.jece.2024.114608

369	Revathi S., Ghatak T.	Ethanol as hydrogen donor: An efficient transfer hydrogenation of aldehydes, ketones, and nitroarenes with H-bonded Ru(II)-N-heterocyclic iminium complex	Journal of Catalysis	429					7.3	10.1016/j.jcat.2023.115207
370	Koner S., Mukherjee A., Chandrasekaran N.	Elucidating the effects of naturally weathered aged-polypropylene microplastics and newly procured polypropylene microplastics on raw 264.7 macrophages	Environmental Science: Nano						7.3	10.1039/d3en00742a
371	Nag S., Mitra O., P S., Bhattacharjee A., Mohanto S., Gowda B.H.J., Kar S., Ramaiah S., Anbarasu A., Ahmed M.G.	Exploring the emerging trends in the synthesis and theranostic paradigms of cerium oxide nanoparticles (CeONPs): A comprehensive review	Materials Today Chemistry	35					7.3	10.1016/j.mtchem.2023.101894
372	Naidu A., Lulu S S.	Systems and computational analysis of gene expression datasets reveals GRB-2 suppression as an acute immunomodulatory response against enteric infections in endemic settings	Frontiers in Immunology	15					7.3	10.3389/fimmu.2024.1285785

373	Ravikumar T., Sivaperuman K.	Fabrication of bare and cobalt-doped ZnFe ₂ O ₄ thin film as NH ₃ gas sensor with enhanced response through UV-light illumination	Materials Today Chemistry	38				7.3	10.1016/j.mtchem.2024.102049
374	UshaVipinachandran V., Bhunias S.K.	Facile fabrication of a Z-scheme g-C ₃ N ₅ /Gd-MOF/silver nanocube composite as a new generation visible light active photocatalyst for abatement of persistent toxic pollutants	Environmental Science: Nano					7.3	10.1039/d3en00913k
375	Mishra R., Saha T.K.	Robust predictive control strategy of SCIG-based drive system	ISA Transactions					7.3	10.1016/j.isatra.2024.05.017
376	Kareem A., Kathavarayan T., Ramasamy S., Prasanth K., Mohanty H., Pitchaimuthu S., Sellappan S.	Simultaneous doping of nitrogen and zinc on nickel selenide nanoparticles for enhanced electrocatalytic hydrogen evolution	Materials Today Chemistry	38				7.3	10.1016/j.mtchem.2024.102104
377	Sundarakamath R., Natarajan S.	Integration of multiple sources for fuel cell hybrid electric vehicles using single inductor multi-input converter	International Journal of Hydrogen Energy	53		503	516	7.2	10.1016/j.ijhydene.2023.12.037
378	Salgotra R., Sharma P., Raju S.	A multi-hybrid algorithm with shrinking population adaptation for constraint engineering design problems	Computer Methods in Applied Mechanics and Engineering	421				7.2	10.1016/j.cma.2024.116781

379	Arulprakash G., Kareem A., Sellappan S., R V.	Engineering the morphology of ZnCo2O4 through different synthetic approaches for enhanced OER performance	International Journal of Hydrogen Energy	66		625	635	7.2	10.1016/j.ijhydene.2 024.04.099
380	Musthafa B., Asokan M.A.	Numerical and experimental investigation of performance and emission characteristics of hydrogen enrichment with prosopis juliflora biodiesel in CI engine using RSM and ANN optimization	International Journal of Hydrogen Energy	66		326	336	7.2	10.1016/j.ijhydene.2 024.04.083
381	Singh D., Kumawat S., Saini A., Sonia P., Goyal A., Sravanthi G., Saxena K.K., Shaik S., Raja V., Saleel C.A., Ağbulut Ü.	Water splitting via electrocatalysis and photocatalysis: Engineering stumbling blocks and advancements	International Journal of Hydrogen Energy	68		867	884	7.2	10.1016/j.ijhydene.2 024.04.150
382	Ramadevi B., Kasi V.R., Bingi K.	Enhancement of Texas wind turbine power predictions using fractional order neural network by incorporating machine learning models to impute missing data	Knowledge-Based Systems	300				7.2	10.1016/j.knosys.20 24.112176
383	Durairaj A., Madhan E.S., Rajkumar M., Shameem S.	Optimizing anomaly detection in 3D MRI scans: The role of ConvLSTM in medical image analysis	Applied Soft Computing	164				7.2	10.1016/j.asoc.2024. 111919

384	Suresh P., Keerthika P., Manjula Devi R., Kamalam G.K., Logeswaran K., Sadasivuni K.K., Devendran K.	Optimized task scheduling approach with fault tolerant load balancing using multi-objective cat swarm optimization for multi-cloud environment	Applied Soft Computing	165				7.2	10.1016/j.asoc.2024.112129
385	Anand R.V., Md A.Q., Sakthivel G., Padmavathy T.V., Mohan S., Damaševičius R.	Acoustic feature-based emotion recognition and curing using ensemble learning and CNN	Applied Soft Computing	166				7.2	10.1016/j.asoc.2024.112151
386	Singh I., Agarwal K., Ganapathy S.	Advancing allergy source mapping: A comprehensive multidisciplinary framework integrating machine learning, graph theory and game theory	Applied Soft Computing	166				7.2	10.1016/j.asoc.2024.112147
387	Nambiar A., S. N.V., S. A., V. S., Ramteke S.M., Marian M.	Prediction of air compressor faults with feature fusion and machine learning	Knowledge-Based Systems	304				7.2	10.1016/j.knosys.2024.112519
388	Prabhavathy T.; Elumalai V.K.; Balaji E.	Gesture recognition framework for upper-limb prosthetics using entropy features from electromyographic signals and a Gaussian kernel SVM classifier	Applied Soft Computing	167	0	0	0	7.2	10.1016/j.asoc.2024.112382
389	Shandhoosh V.; Venkatesh S N.; Chakrapani G.; Sugumaran V.; Ramteke S.M.; Marian M.	Intelligent fault diagnosis for tribo-mechanical systems by machine learning: Multi-feature extraction and ensemble voting methods	Knowledge-Based Systems	305	0	0	0	7.2	10.1016/j.knosys.2024.112694

390	Amrutha B.; Yoon J.U.; Woo I.; Gajula P.; Prabu A.A.; Bae J.W.	Performance optimization of MoS ₂ -doped PVDF-HFP nanofiber triboelectric nanogenerator as sensing technology for smart cities	Applied Materials Today	41	0	0	0	7.2	10.1016/j.apmt.2024. 102503
391	Ajay M.A.; Agrawal K.; Singh S.K.; Singh K.; Prakriya S.; Li C.-P.	Performance of Battery-Assisted EH Full-Duplex NOMA Network with FBL Driven Mode Switching Under Imperfect CSI and SIC	IEEE Transactions on Communications	0	0	0	0	7.2	10.1109/TCOMM.202 4.3506919
392	Roy N., Roy S., Debroy A., Mukherjee A.	Chlorella sp. EPS loaded alginate microsphere: A novel bionanomaterial for adsorptive removal of sulfamethoxazole from the aqueous solutions	Environmental Technology and Innovation	33				7.1	10.1016/j.eti.2023.1 03513
393	Sarangi S., Suganya O.M.	A comprehensive review of the physical and mechanical characteristics of agricultural by-products as cementitious alternatives in the production of sustainable concrete	Materials Today Sustainability	27				7.1	10.1016/j.mtsust.20 24.100882
394	Purushothaman P., Karpagam S.	What Should be Considered While Designing Hole- Transporting Material for Perovskite Solar Cells? A Special Attention to Thiophene-Based Hole- Transporting Materials	Topics in Current Chemistry	382	2			7.1	10.1007/s41061-024- 00464-x

395	Ilakiyalakshmi M., Dhanasekaran K., Napoleon A.A.	A Review on Recent Development of Phenothiazine-Based Chromogenic and Fluorogenic Sensors for the Detection of Cations, Anions, and Neutral Analytes	Topics in Current Chemistry	382	3			7.1	10.1007/s41061-024-00474-9
396	Ralph Pochont N.; Raja Sekhar Y.; Brito M.C.; Tirupati Rao V.	Assessing the scope of vehicle integrated photovoltaics in urban driving conditions ? Case study of a Tier-II city in southern India	Sustainable Energy Technologies and Assessments	72	0	0	0	7.1	10.1016/j.seta.2024.104040
397	Kumar S.; Dey A.; Maiti B.; Das S.; Pasuparth S.D.; Padala K.	A Comprehensive Exploration of the Synergistic Relationship between DMSO and Peroxide in Organic Synthesis	Topics in Current Chemistry	382	4	0	0	7.1	10.1007/s41061-024-00482-9
398	Priyanka K.M., Saravanakumar M.P.	Ameliorating tannery sludge dewaterability by disintegration of extracellular biopolymers with FeCl ₃ -MnSO ₄ /oxalic acid/sodium percarbonate: Spectroscopic profiling of dissolved organic matter in sludge filtrate	Journal of Water Process Engineering	58				7	10.1016/j.jwpe.2023.104741
399	Jory K., Satheesh A.	Thermocapillary convection in shallow liquid layers for moderate Prandtl number liquids using different cylinder configurations	International Communications in Heat and Mass Transfer	150				7	10.1016/j.icheatmasstransfer.2023.107190

400	Roy K., Moholkar V.S.	Carbamazepine degradation using ternary hybrid advanced oxidation process of hydrodynamic cavitation + photocatalysis (UV/ZnO/ZnFe ₂ O ₄) + persulfate: Kinetic investigations	Journal of Water Process Engineering	58				7	10.1016/j.jwpe.2024.104874
401	Rout S., Das S.	Online State-of-Charge Estimation of Lithium-Ion Battery using a Fault Tolerant and Noise Immune Threefold Modified Adaptive Extended Kalman Filter	IEEE Transactions on Transportation Electrification			1	1	7	10.1109/TTE.2024.3357849
402	Velmurugan S., Prakash M., Neelakandan S., Martinson E.O.	An Efficient Secure Sharing of Electronic Health Records Using IoT-Based Hyperledger Blockchain	International Journal of Intelligent Systems	2024				7	10.1155/2024/6995202
403	Kamalakaran N., Macharla S.R., Kanimozhi M., Sudhakar M.S.	Exponential Pixelating Integral transform with dual fractal features for enhanced chest X-ray abnormality detection	Computers in Biology and Medicine	182				7	10.1016/j.combiomed.2024.109093
404	Dange S., Arumugam K., Saraswathi Vijayaraghavalu S.	Geochemical Insights into Heavy Metal Contamination and Health Hazards in Palar River Basin: A Pathway to Sustainable Solutions	Ecological Indicators	166				7	10.1016/j.ecolind.2024.112568

405	Vivekananthan V., Chandrasekhar A., Dudem B., Khandelwal G., P Silva S.R., Kim S.- J.	Contact-electrification enabled water-resistant triboelectric nanogenerators as demonstrator educational appliances	JPhys Energy	6	1			6.9	10.1088/2515- 7655/ad0739
406	Vengadeswaran S., Balasundaram S.R., Dhvakumar P.	IDaPS — Improved data- locality aware data placement strategy based on Markov clustering to enhance MapReduce performance on Hadoop	Journal of King Saud University - Computer and Information Sciences	36	3			6.9	10.1016/j.jksuci.202 4.101973
407	Sahoo G.S., Bhattarai S., Feddi E., Verma M., Rashed A.N.Z., Saidani O., Mishra G.P.	Unveiling the potential of lead- free Cs ₂ AgBiBr ₆ (CABB) perovskite for solar cell application	Solar Energy Materials and Solar Cells	271				6.9	10.1016/j.solmat.20 24.112873
408	Thanga Purni J.S., Vedhapriyavadhana R.	EOSA-Net: A deep learning framework for enhanced multi-class skin cancer classification using optimized convolutional neural networks	Journal of King Saud University - Computer and Information Sciences	36	3			6.9	10.1016/j.jksuci.202 4.102007
409	Arumugam D.B., Ganesan M.C.	Catalytic co-pyrolysis of bauhinia purpurea seed and waste medical plastics for sustainable biofuel production: Kinetic analysis and prediction modeling	Process Safety and Environmental Protection	189		374	386	6.9	10.1016/j.psep.2024 .06.040

410	Saravanan B., Asokan M.A.	Impact of fuel injection parameters associated with partially hydrogenated Ceiba pentandra biodiesel blend on CI engine characteristics	Process Safety and Environmental Protection	188		96	104	6.9	10.1016/j.psep.2024.05.051
411	Sathish T., Vijayalakshmi A., Surakasi R., Ahalya N., Rajkumar M., Saravanan R., Shangdiar S., Sithole T., Amesho K.T.T.	DeepNNet 15 for the prediction of biological waste to energy conversion and nutrient level detection in treated sewage water	Process Safety and Environmental Protection	189		636	647	6.9	10.1016/j.psep.2024.06.119
412	Swaminathan P., Ghosh A., Sunantha G., Sivagami K., Mohanakrishna G., Aishwarya S., Shah S., Sethumadhavan A., Ranjan P., Prajapat R.	A comprehensive review of microbial electrolysis cells: Integrated for wastewater treatment and hydrogen generation	Process Safety and Environmental Protection	190		458	474	6.9	10.1016/j.psep.2024.08.032
413	Subramanian B.; Sridharan N.V.; Vaithiyathan S.; Gurusamy M.; Varuvel E.G.; Tsai P.-C.; Ponnusamy V.K.	Efficacy of machine learning algorithm in estimating oxyhydrogen gas generation system: Electrolyte concentration and current influence on sustainable energy production	Process Safety and Environmental Protection	191		2292	2302	6.9	10.1016/j.psep.2024.09.098
414	Vimal K.E.K.; Kandasamy J.; Vezhavendhan R.; Bose B.; Menon A.K.; Sivakumar K.	Digital technology adoption model for electric vehicle battery recycling supply chain - an influential relationship mapping	Operations Management Research					6.9	10.1007/s12063-024-00515-y

415	Ezhilarasi I E.; Clement J.C.	Robust cooperative spectrum sensing in cognitive radio blockchain network using SHA-3 algorithm	Blockchain: Research and Applications	5	4	0	0	6.9	10.1016/j.bcra.2024.100224
416	Bai X., Fouad Y., Chiranjeevi C., Alkhalaf S., Abdullaeva B.S., Alharbi F.S., Alzubaidi L.H., Jastaneyah Z., Garalleh H.A.	Modeling of thermal energy saving in commercial buildings of Australia by balanced tree growth optimizer	Case Studies in Thermal Engineering	54				6.8	10.1016/j.csite.2024.104028
417	Gopinath M., Marimuthu R.	Experimental study of photovoltaic-thermoelectric generator with graphite sheet	Case Studies in Thermal Engineering	54				6.8	10.1016/j.csite.2024.103982
418	Sheik Abdullah A., Aziz A.B A., Geetha S.	DecentraliDrone: A decentralized, fully autonomous drone delivery system for reliable, efficient transport of goods	Alexandria Engineering Journal	88		1	30	6.8	10.1016/j.aej.2023.12.049
419	Varatharaj K., Tamizharasi R.	A Numerical approach of activation energy and gyrotactic effects on MHD Carreau Nanofluid flow over plate, wedge and stagnation point	Case Studies in Thermal Engineering	53				6.8	10.1016/j.csite.2023.103934
420	Suresh D., Porpatham E.	Influence of high compression ratio on the performance of ethanol-gasoline fuelled lean burn spark ignition engine at part throttle condition	Case Studies in Thermal Engineering	53				6.8	10.1016/j.csite.2023.103832

421	Baskar N., Selvaprabhu P.	Performance analysis of successive di-state full-duplex cooperative wireless cellular networks	Alexandria Engineering Journal	91		139	151	6.8	10.1016/j.aej.2024.01.074
422	Manigandan A., Satya Narayana P.V.	Impact of variable fluid characteristics on MHD hybrid nanofluid (MgO+ZnO/H ₂ O) flow over an exponentially elongated sheet with non-uniform heat generation	Case Studies in Thermal Engineering	55				6.8	10.1016/j.csite.2024.104077
423	K N., M K., Easwaramoorthy S.V., C R D., Yoo S., Cho J.	Hybrid approach of deep feature extraction using BERT– OPCNN & FIAC with customized Bi-LSTM for rumor text classification	Alexandria Engineering Journal	90		65	75	6.8	10.1016/j.aej.2024.01.056
424	Linganathan S., Singamsetty P.	Genetic algorithm to the bi-objective multiple travelling salesman problem	Alexandria Engineering Journal	90		98	111	6.8	10.1016/j.aej.2024.01.048
425	Karthik G., Vijay Kumar P.	EMHD stagnation point flow of dusty hybrid nanofluid over a permeable stretching sheet: Radiative solar applications	Case Studies in Thermal Engineering	54				6.8	10.1016/j.csite.2024.104044
426	Bhavani J D., Gopal T.S., Gnanasekar S., Pandiaraj S., Muthuramamoorthy M., Alodhayb A.N., Andrews N.G.	Ultrasonic Interferometry and Physiothermal properties of Al ₂ O ₃ /CuO nanofluids	Case Studies in Thermal Engineering	55				6.8	10.1016/j.csite.2024.104120

427	Sanjay V., Swarnalatha P.	Effective classification of alzheimer disease based on image tractography framework utilizing GM-ABC-NN	Alexandria Engineering Journal	93		336	347	6.8	10.1016/j.aej.2024.03.008
428	Devi N.R., Gnanasekaran M., Satheesh A., Kanna P.R., Taler J., Kumar D.S., Taler D., Sobota T.	Double-diffusive mixed convection in an inclined square cavity filled with nanofluid: A numerical study with external magnetic field and heated square blockage effects	Case Studies in Thermal Engineering	56				6.8	10.1016/j.csite.2024.104210
429	Elumalai R., Sumathy S., K R., Akhtar M.N., P V E., Khan S.A., Gupta M.S., Asif M.	Experimental investigation and gray relational optimization of engine parameters to improve the output characteristics of an ammonia biodiesel powered dual fuel combustion engine	Case Studies in Thermal Engineering	56				6.8	10.1016/j.csite.2024.104197
430	Krishna M.V., Kumar A.G.V.	Chemical reaction, slip effects and non-linear thermal radiation on unsteady MHD Jeffreys nanofluid flow over a stretching sheet	Case Studies in Thermal Engineering	55				6.8	10.1016/j.csite.2024.104129
431	Murthy B.S.N., Srinivas M.N., Madhusudanan V., Zeb A., Tag-Eldin E.M., Etemad S., Rezapour S.	The impact of Caputo-Fabrizio fractional derivative and the dynamics of noise on worm propagation in wireless IoT networks	Alexandria Engineering Journal	91		558	579	6.8	10.1016/j.aej.2024.02.027

432	Behera B.N., Hotta T.K.	Experimental investigation of performance, emission, and combustion characteristics of a variable compression ratio engine using waste cooking vegetable oils blended with diesel	Case Studies in Thermal Engineering	58				6.8	10.1016/j.csite.2024.104394
433	Harshavardhan Reddy K., Kasianantham N.	Sustainable assessment of low viscous biofuel for compression ignition engine using wear debris analysis – Tribological investigation	Case Studies in Thermal Engineering	58				6.8	10.1016/j.csite.2024.104443
434	Rani S., Jayapragash R.	Thermal analysis of 4-phase 8/6 SRM for EV application	Case Studies in Thermal Engineering	58				6.8	10.1016/j.csite.2024.104400
435	Rajendran S., Baskar C., Gugapriya G., Sridharan S.	A robust medical image cryptosystem based on hyperbolic chaotic system and circular bit-shifting-flipping techniques	Alexandria Engineering Journal	97		169	183	6.8	10.1016/j.aej.2024.04.001
436	Srikanth K., Michael T.C.	Effect of shape-imperfections on fatigue life of elbows under in-plane cyclic loading	Alexandria Engineering Journal	97		33	43	6.8	10.1016/j.aej.2024.03.110
437	Sathya P., Naveen P.	Comparative study of nonlinear thermal convection on magnetized dissipative flow along a shrinking Riga sheet with entropy generation	Case Studies in Thermal Engineering	58				6.8	10.1016/j.csite.2024.104375

438	Feroskhan M., Gobinath N.	Experimental study of butanol blending in biogas-biodiesel fueled CI engine under dual fuel, RCCI and HCCI combustion modes	Case Studies in Thermal Engineering	58				6.8	10.1016/j.csite.2024.104349
439	Maheswari G.U., Ganesh N.S., Srinivas T., Reddy B.V.	Evaluation on novel Kalina power generation system through exergoenvironmental analysis	Case Studies in Thermal Engineering	57				6.8	10.1016/j.csite.2024.104325
440	Palanivelrajan A.R., Manimaran R., Manavalla S., Yunus Khan T.M., Almakayeel N., Feroskhan M.	Performance and emission characteristics of biogas fuelled dual fuel engine with waste plastic oil as secondary fuel	Case Studies in Thermal Engineering	57				6.8	10.1016/j.csite.2024.104337
441	Patel A.N., Murugan R., Srivastava G., Maddikunta P.K.R., Yenduri G., Gadekallu T.R., Chengoden R.	An explainable transfer learning framework for multi-classification of lung diseases in chest X-rays	Alexandria Engineering Journal	98		328	343	6.8	10.1016/j.aej.2024.04.072
442	Kar B., Shanavas S., Karmakar A., Nagendra A.H., Vardhan S., Sahoo S.K., Bose B., Kundu S., Paira P.	2-Aryl-1H-imidazo[4,5-f][1,10]phenanthroline-Based Binuclear Ru(II)/Ir(III)/Re(I) Complexes as Mitochondria Targeting Cancer Stem Cell Therapeutic Agents#	Journal of Medicinal Chemistry					6.8	10.1021/acs.jmedchem.4c00406

443	Vinodhini M., Rajkumar S.	Narrow band of vehicular things communication system using hybrid pelican-beetle swarm optimization approach for intelligent transportation system	Vehicular Communications	45				6.7	10.1016/j.vehcom.2023.100723
444	Duraivel B., Muthuswamy N., Gnanavendan S.	Comprehensive analysis of the greenhouse solar tunnel dryer (GSTD) using Tomato, snake Gourd, and Cucumber: Insights into energy Efficiency, exergy Performance, economic Viability, and environmental impact	Solar Energy	267				6.7	10.1016/j.solener.2023.112263
445	Kant Paliwal M., Jakhar S., Sharma V.	A bibliometric and scientific mapping of the research landscape and trending topics in building integrated photovoltaic systems	Solar Energy	267				6.7	10.1016/j.solener.2023.112202
446	Sadaf M., Iqbal Z., Anwar Z., Noor U., Imran M., Gadekallu T.R.	A novel framework for detection and prevention of denial of service attacks on autonomous vehicles using fuzzy logic	Vehicular Communications	46				6.7	10.1016/j.vehcom.2024.100741
447	Jhariat P., Warriar A., Sasmal A., Das S., Sarfudeen S., Kumari P., Nayak A.K., Panda T.	Reticular synthesis of two-dimensional ionic covalent organic networks as metal-free bifunctional electrocatalysts for oxygen reduction and evolution reactions	Nanoscale					6.7	10.1039/d3nr05277j

448	Pai A.A., Mohanan E., Panetta J.C., Kulkarni U.P., Illangeswaran R.S.S., Balakrishnan B., Jayaraman A., Edison E.S., Lakshmi K.M., Devasia A.J., Fouzia N.A., Korula A., Abraham A., George B., Srivastava A., Mathews V., Standing J.F., Balasubramanian P.	Treosulfan Exposure Predicts Thalassaemia-Free Survival in Patients with Beta Thalassaemia Major Undergoing Allogeneic Hematopoietic Cell Transplantation	Clinical Pharmacology and Therapeutics	115	1	116	125	6.7	10.1002/cpt.3078
449	Mathkor D.M., Mathkor N., Bassfar Z., Bantun F., Slama P., Ahmad F., Haque S.	Multirole of the internet of medical things (IoMT) in biomedical systems for managing smart healthcare systems: An overview of current and future innovative trends	Journal of Infection and Public Health	17	4	559	572	6.7	10.1016/j.jiph.2024.01.013
450	Rajesh S., Chiranjeevi C.	Hybrid thermal desalination systems for sustainable development – A critical review	Solar Energy	270				6.7	10.1016/j.solener.2024.112364
451	Tirupati Rao V., Raja Sekhar Y., Arici M., Ralph Pochont N., Reddy Prasad D.M.	Experimental investigations on bi-symmetrical web flow water based photovoltaic-thermal (PVT) system: Energy, exergy, and entropy (3-E) analysis	Solar Energy	271				6.7	10.1016/j.solener.2024.112445

452	Prakash R., Kamatchi R.	Natural convective solar dryer powered by stepped fin plate integrated trough array solar air heater for agricultural produce preservations	Solar Energy	271				6.7	10.1016/j.solener.2024.112415
453	Shaik S., Vishnu Priya A., Maduru V.R., Rahaman A., Arıcı M., Kontoleon K.J., Li D.	Glazing systems utilizing phase change materials: Solar-optical characteristics, potential for energy conservation, role in reducing carbon emissions, and impact on natural illumination	Energy and Buildings	311				6.7	10.1016/j.enbuild.2024.114151
454	Tran A.T.T., Hassan K., Tung T.T., Tripathy A., Mondal A., Losic D.	Graphene and metal-organic framework hybrids for high-performance sensors for lung cancer biomarker detection supported by machine learning augmentation	Nanoscale					6.7	10.1039/d4nr00174e
455	Haque S., Ahmad F., Mathkor D.M., Makhdoom H., Johargy A.K., Faidah H., Babalghith A.O., Jalal N.A., Alhindi Z., Bantun F.	Binding selectivity analysis of new delhi metallo-beta-lactamase-1 inhibitors using molecular dynamics simulations: Exploring possibilities for decoding antimicrobial drug resistance	Journal of Infection and Public Health	17	6	1108	1116	6.7	10.1016/j.jiph.2024.04.018

456	Praveenkumar K., Vishnu J., Raheem A., Gopal V., Swaroop S., Suwas S., Shankar B., Manivasagam G.	In-vitro fretting tribocorrosion and biocompatibility aspects of laser shock peened Ti-6Al-4V surfaces	Applied Surface Science	665				6.7	10.1016/j.apsusc.2024.160334
457	Marimuthu S., Shyma A.P., Sathyanarayanan S., Gopal T., James J.T., Nagalingam S.P., Gunaseelan B., Babu S., Sellappan R., Grace A.N.	The dawn of MXene duo: revolutionizing perovskite solar cells with MXenes through computational and experimental methods	Nanoscale					6.7	10.1039/d4nr01053a
458	Verma P., Kumar R., Mukherjee S., Sharma M.	Sustainable self-Compacting concrete with marble slurry and fly ash: Statistical modeling, microstructural investigations, and rheological characterization	Journal of Building Engineering	94				6.7	10.1016/j.jobbe.2024.109785
459	Vijaya S., John Kennedy L.	Doping and grain growth induced water dissociation process of nanostructured CeO ₂ synthesized via microwave-assisted combustion route to promote hydrogen evolution reaction	Fuel	373				6.7	10.1016/j.fuel.2024.132354

460	Chandroday Mataghare B., Shivaji Patil V., Radheshyam Yadav P., Ganesh Maske R., Devidas Channe V., Baburao Khajone V., Rudreshwar Balinge K., Shikchand Patle D., Rambhau Bhagat P.	Novel porphyrin photocatalyst intertwined with ionic liquid and sulfonic acid groups for facile photo-transesterification of used frying oil	Fuel	373				6.7	10.1016/j.fuel.2024.132295
461	Kumar P., Samui P., Armaghani D.J., Roy S.S.	Second-order reliability analysis of an energy pile with CPT data	Journal of Building Engineering	95				6.7	10.1016/j.job.2024.110165
462	Kalaiselvan N., Mathimani T.	Solar-driven green hydrogen generation for revolutionizing the future of zero-carbon energy	Fuel	375				6.7	10.1016/j.fuel.2024.132538
463	Rajesh R U., Sangeetha D.	Therapeutic potentials and targeting strategies of quercetin on cancer cells: Challenges and future prospects	Phytomedicine	133				6.7	10.1016/j.phymed.2024.155902
464	Roy A., Uddala S., Saboor S., Arici M., Saxena K.K.	Contemporary roof pattern for energy efficient buildings: Air conditioning cost alleviation, CO2 emission mitigation potential and acceptable payback period	Journal of Building Engineering	95				6.7	10.1016/j.job.2024.110250

465	Murali G., Karthikeyan K., Senthilpandian M., Wong L.S., R. Abid S., Hemanth Kumar A.	Synergistic effects of graphene oxide, steel wire mesh and fibers on the impact resistance of preplaced aggregate concrete	Journal of Building Engineering	95				6.7	10.1016/j.jobbe.2024.110363
466	Wani S.; Selvaraj T.	Influence of age of fermented Terminalia chebula fruit extract in shell lime: An ancient lime putty production technique adopted in Indian heritage structures	Journal of Building Engineering	98				6.7	10.1016/j.jobbe.2024.111054
467	K P.; Om S.	A review on the influence of particle packing theory and materials on characteristics of ECC	Journal of Building Engineering	98				6.7	10.1016/j.jobbe.2024.111079
468	Jayakanthan M.; Manochkumar J.; Efferth T.; Ramamoorthy S.	Lutein, a versatile carotenoid: Insight on neuroprotective potential and recent advances	Phytomedicine	135	0	0	0	6.7	10.1016/j.phymed.2024.156185
469	Chandrashekar R., Pai A., Vivek T., Sekar S.K., Arıcı M., Balaji K.	Thermal comfort and heat flow characteristics of hybrid cooling systems for studio type classrooms: An experimental study	Energy and Buildings	316				6.6	10.1016/j.enbuild.2024.114316
470	Shaik S., Roy A., Hussain Shaik A., Rehaan Chandan M., Arıcı M., Saxena K.K., Alam T.	Innovate, insulate, integrate: Embracing circular economy in innovative insulations for reduced air conditioning expenses and carbon mitigation in fly ash brick buildings	Energy and Buildings	322				6.6	10.1016/j.enbuild.2024.114694

471	Vajjiravel P., Nagarajan D., Pugazhenth V., Suresh A., Sivalingam M.K., Venkat A., Mahapatra P.P., Razi K., Al Murad M., Bae D.W., Notaguchi M., Seth C.S., Muneer S.	Circadian-based approach for improving physiological, phytochemical and chloroplast proteome in Spinacia oleracea under salinity stress under light emitting diodes	Plant Physiology and Biochemistry	207				6.5	10.1016/j.plaphy.20 24.108350
472	Chakraborty S., Yurchenko S.N., Georges R., Simon A., Lacinbala O., Chandrasekaran V., Jayaram V., Dartois E., Kassi S., Gusdorf A., Lesaffre P., Jagadeesh G., Arunan E., Biennier L.	Laboratory investigation of shock-induced dissociation of buckminsterfullerene and astrophysical insights	Astronomy and Astrophysics	681				6.5	10.1051/0004- 6361/202347035
473	Gomathinayagam S., Kodiveri Muthukaliannan G.	Dynamics of antibiotic resistance genes in plasmids and bacteriophages	Critical Reviews in Microbiology					6.5	10.1080/1040841X.2 024.2339262
474	Konduru H., Karthiyaini S.	Enhancing solidification in one- part geopolymers systems through alkali-thermal activation of bauxite residue and silica fume integration	Case Studies in Construction Materials	21				6.5	10.1016/j.cscm.2024 .e03444

475	Subhash Chandran N., Manikandan P., Vasugi V., Narendra S.	Application of Taguchi approach to optimize the waste glass powder in developing eco-friendly ternary blended aluminosilicate matrix	Case Studies in Construction Materials	21				6.5	10.1016/j.cscm.2024.e03398
476	Sarkar D.U., Prakash T., Singh S.N.	Fractional Order PID-PSS Design using Hybrid Deep Learning Approach for Damping Power System Oscillations	IEEE Transactions on Power Systems			1	13	6.5	10.1109/TPWRS.2024.3416753
477	Niranjana V.S., Yoon J.U., Woo I., Gajula P., Bae J.W., Prabu A.A.	Exploring a New Class of PVDF/3-Aminopropyltriethoxysilane (core) and 2,2-Bis(hydroxymethyl)butyric Acid (monomer)-Based Hyperbranched Polyester Hybrid Fibers by Electrospinning Technique for Enhancing Triboelectric Performance	Advanced Sustainable Systems					6.5	10.1002/adsu.20240311
478	Bhattacharya M., Pal S., Chatterjee S., Lee S.S., Chakraborty C.	Large language model to multimodal large language model: A journey to shape the biological macromolecules to biological sciences and medicine	Molecular Therapy Nucleic Acids	35	3			6.5	10.1016/j.omtn.2024.102255

479	T.H V.K., Mayakrishnan M., Somasundaram M.	Evaluation of the properties of bio-asphalt derived from waste cooking oil and low-density polyethylene through the pyrolysis process	Case Studies in Construction Materials	21				6.5	10.1016/j.cscm.2024.e03604
480	Venkatesh V., Shanmugasundaram M.	Enhancement of mechanical and microstructural characteristics of magnesium oxychloride cement with metasteatite	Case Studies in Construction Materials	21				6.5	10.1016/j.cscm.2024.e03683
481	Kim B., Sri Preethaa K.R., Natarajan Y., V D., An J., Lee D.-E.	Real-time assessment of rebar intervals using a computer vision-based DVNet model for improved structural integrity	Case Studies in Construction Materials	21				6.5	10.1016/j.cscm.2024.e03707
482	Bindhu A.; Yoon J.U.; Woo I.; Gajula P.; Arun A.P.; Bae J.W.	Enhanced Charge Holding Capacity of PVDF Nanofiber Using NiO-CuO Nanoparticles-Based Triboelectric Nanogenerator for Energy and Wearable Electronic Applications	Advanced Sustainable Systems	0	0	0	0	6.5	10.1002/adsu.202400604
483	Rathor S.K., Dubey V., Chakraborty A., Dugad S., Tiwari N.	Numerical study of combined phase change material and water cooling in hybrid wavy microchannels for HCPV cell	Applied Thermal Engineering	236				6.4	10.1016/j.applthermalleng.2023.121838
484	Gupta Choudhury S., Chakrabarti S.	The fate of a quantum-corrected collapsing star in General Relativity	Journal of Cosmology and Astroparticle Physics	2024	1			6.4	10.1088/1475-7516/2024/01/007

485	Moorthy M., Govindaraj P., Parasuraman R., Bhui A., Gadhavajhala S.S.S., Srinivasan B., Venugopal K., Perumal S.	Sulfur Vacancy-Driven Band Splitting and Phonon Anharmonicity Enhance the Thermoelectric Performance in n-Type CuFeS ₂	ACS Applied Energy Materials	7	5	2008	2020	6.4	10.1021/acsaem.3c0 3176
486	Chakraborty S., Shukla D., Kumar Panigrahi P.	A review on coolant selection for thermal management of electronics and implementation of multiple- criteria decision-making approach	Applied Thermal Engineering	245				6.4	10.1016/j.appltherm aleng.2024.122807
487	Boopalan V., Kumar Arumugam S., Rajesh Kanna P.	Numerical investigation on the impact of circumferentially varying temperature on the buoyancy and heat transfer characteristics of supercritical CO ₂ natural circulation loop	Applied Thermal Engineering	248				6.4	10.1016/j.appltherm aleng.2024.123165
488	Sakthi Priya M., Sakthivadivel D.	Performance assessment of a geometrical modification on thermosyphon heat pipe with the assistance of novel convergent-divergent truncated cones for energy recovery systems	Applied Thermal Engineering	247				6.4	10.1016/j.appltherm aleng.2024.122999

489	Hiremath V.S., Reddy D.M., Reddy Mutra R., Sanjeev A., Dhilipkumar T., J N.	Thermal degradation and fire retardant behaviour of natural fibre reinforced polymeric composites- A comprehensive review	Journal of Materials Research and Technology	30		4053	4063	6.4	10.1016/j.jmrt.2024.04.085
490	Biradar A., Arulvel S., Kandasamy J.	A hybrid approach of NiP coating and STF impregnation of UHMWPE fabric for conductive soft body armor	Journal of Materials Research and Technology	30		3367	3382	6.4	10.1016/j.jmrt.2024.04.120
491	Zhang Z., Cong H., Yin Z., Qi B., Dong Y., Kong L., Li H., Prashanth K.G.	Thermal deformation behavior and microstructural evolution of the rapidly-solidified Al–Zn–Mg–Cu alloy in hot isostatic pressing state	Journal of Materials Research and Technology	30		5927	5939	6.4	10.1016/j.jmrt.2024.04.235
492	Shivram S., R H.	Impact of dual nano-enhanced phase change materials on mitigating thermal runaway in lithium-ion battery cell	Case Studies in Thermal Engineering	60				6.4	10.1016/j.csite.2024.104667
493	Asokan M.A., Prabu S.S., Musthafa B., Saravanan B., Sujai S., Pote R.T., Chavan N.P., Bhor D.S.	Effect of antioxidants on CI engine characteristics of safflower biodiesel with varying fuel injection pressures	Case Studies in Thermal Engineering	60				6.4	10.1016/j.csite.2024.104658
494	Elboughdiri N., Javid K., Lakshminarayana P., Abbasi A., Benguerba Y.	Effects of Joule heating and viscous dissipation on EMHD boundary layer rheology of viscoelastic fluid over an inclined plate	Case Studies in Thermal Engineering	60				6.4	10.1016/j.csite.2024.104602

495	Harish Babu D., Kumaraswamy Naidu K., Hari Babu B., Venkateswara Raju K., Harinath Reddy S., Satya Narayana P.V.	Numerical and neural network approaches to heat transfer flow in MHD dissipative ternary fluid through Darcy-Forchheimer permeable channel	Case Studies in Thermal Engineering	60				6.4	10.1016/j.csite.2024. 104777
496	Sutheesh P.M., Jose J., Hotta T.K., Rohinikumar B.	Numerical investigations on thermal performance of PCM- based lithium-ion battery thermal management system equipped with advanced honeycomb structures	International Communications in Heat and Mass Transfer	158				6.4	10.1016/j.icheatmas stransfer.2024.1079 37
497	Ragavi M., Sreenivasulu P., Poornima T.	Statistical investigation of heat transfer efficiency on a ternary nanoflow over a stretching surface	Case Studies in Thermal Engineering	61				6.4	10.1016/j.csite.2024. 104958
498	Gęca M.J., Grabowski, Pietrykowski K., Litak G., Kasianantham N.	Investigation on combustion instability of electronic fuel injected multi-cylinder radial piston engine through multifractal technique – A comparative analysis	Case Studies in Thermal Engineering	61				6.4	10.1016/j.csite.2024. 105137
499	Ananda Murugan M.; Ganesan N.	An insight into the combustion analysis of low carbon alcohol infused ternary fuel blends operated by varying the compression ratios	Case Studies in Thermal Engineering	63				6.4	10.1016/j.csite.2024. 105251

500	Shivram S.; Harish R.	Effect of dual NEPCM and tapered fins on thermal runaway control in lithium-ion batteries	Case Studies in Thermal Engineering	63				6.4	10.1016/j.csite.2024.105346
501	Ram K.V.; Lawrance A.; Harish R.	Impact of nanoparticle shape on the thermal performance of eco-friendly soybean-based nanofluids in cooling titanium alloys	Case Studies in Thermal Engineering	63				6.4	10.1016/j.csite.2024.105309
502	Anbarasi L.J.; Jawahar M.; Jayakumari R.B.; Narendra M.; Ravi V.; Neeraja R.	An overview of current developments and methods for identifying diabetic foot ulcers: A survey	Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery					6.4	10.1002/widm.1562
503	Blessy T.G.; Kumar B.R.	Simulation and non-similar analysis of magnetized SWCNT-MWCNT hybrid nanofluid flow in porous media using Darcy?Forchheimer?Brinkman model	Case Studies in Thermal Engineering	64	0	0	0	6.4	10.1016/j.csite.2024.105421
504	Mohana C.M.; Kumar B.R.; Nagarathnam S.; Shivakumara I.S.	Thermal performance analysis of magnetohydrodynamic Al ₂ O ₃ -SiO ₂ -TiO ₂ /water ternary hybrid nanofluid in converging and diverging channels with nanoparticle shape effects	Case Studies in Thermal Engineering	64	0	0	0	6.4	10.1016/j.csite.2024.105429

505	Chithra V.P.; Jayakumar V.; Bakthavatchalam B.; Kusekar S.K.; Irshad K.; Habib K.	Thermal performance enhancement of laminar flow using compound twisted square duct and variable pitch twisted tape inserts	Case Studies in Thermal Engineering	64	0	0	0	6.4	10.1016/j.csite.2024.105462
506	Nagasri D.L.S.; Alajingi R.K.; Pathipooranam P.; Senthil raja S.; Salleh M.F.B.M.; Marimuthu R.	Evaluating the performance and feasibility of integrating thermoelectric generators with solar photovoltaic panels: A case study	Case Studies in Thermal Engineering	64	0	0	0	6.4	10.1016/j.csite.2024.105572
507	Reddy K.J., Dash R., Subburaj V., Kumar B.H., Dhanamjayulu C., Blaabjerg F., Muyeen S.M.	A stochastic variance reduction gradient-based GSO-ANFIS optimized method for maximum power extraction of proton exchange membrane fuel cell	Energy Conversion and Management: X	21				6.3	10.1016/j.ecmx.2023.100505
508	Aravindan M., Praveen Kumar G., Arulanandam M.K., Murali S., Sheoran N., Waykole N., Muthaiah R., Sharma P.	Multi-objective optimization and analysis of chemical kinetics properties: Exploring the impact of different hydrogen blending ratios on LPG and methane-air mixtures	Energy Conversion and Management: X	22				6.3	10.1016/j.ecmx.2024.100532
509	Aravindan M., Madhesh K., Praveen Kumar G., Arulanandam M.K., Murali S., Sheoran N., Waykole N., Muthaiah R., Sharma P., Anand A.	Computational and Chemical Kinetics Analysis of Hydrogen-Blended LPG for Domestic Cook Stove Burners	Energy Conversion and Management: X	22				6.3	10.1016/j.ecmx.2024.100568

510	Vyas R., Swaminathan P., Chakraborty S., Kiran B.	Study on enhancing waste PVC management through predictive Machine Learning analysis of TGA and its economic benefits	Energy Conversion and Management: X	22				6.3	10.1016/j.ecmx.2024.100556
511	Praveenkumar K., Vishnu J., Samuel S C., Gopal V., Arivarasu M., Lackner J.M., Meier B., Karthik D., Suwas S., Swaroop S., Prashanth K.G., Yadav M.K., Manivasagam G.	High temperature dry sliding wear behaviour of selective laser melted Ti-6Al-4V alloy surfaces	Journal of Materials Processing Technology	329				6.3	10.1016/j.jmatprotec.2024.118439
512	Balaji L., Manickam G., Polit O., Haboussi M., Dineshkumar S.	Variable angle tow-steered curvilinear fibres-based rotating arbitrarily layered composite beams- a coupled vibration of chordwise-flapwise-torsional motions by higher-order beam theory	Composite Structures	340				6.3	10.1016/j.compstruct.2024.118199
513	Hariprasad B.S., Ganesh Babu S.	Supremacy of in-situ doping over surface loading technique for the preparation of alkali metal-promoted tellurates as efficient reusable catalysts to approach hydroxylation and dehalogenation of aryl halides	Applied Surface Science	669				6.3	10.1016/j.apsusc.2024.160503

514	Chabungbam A.S., Thakre A., Kim D.-E., Kim M., Kim G., Lee H.- S., Park H.-H.	An investigation on low operating voltage induced self- rectifying multilevel resistive switching in AgNbO ₃	Applied Surface Science	670				6.3	10.1016/j.apsusc.20 24.160681
515	Vijaykumar A., Mondal A., Deb S., Ajitha B., Reddy Y.A.K.	Development of room- temperature operable TiO ₂ -x- based hydrogen gas sensor with light irradiation	Applied Surface Science	670				6.3	10.1016/j.apsusc.20 24.160664
516	Lefoane M., Ghafir I., Kabir S., Awan I.-U., El Hindi K., Mahendran A.	Latent Semantic Analysis and Graph Theory for Alert Correlation: A Proposed Approach for IoT Botnet Detection	IEEE Open Journal of the Communications Society	5		3904	3919	6.3	10.1109/OJCOMS.20 24.3419570
517	Vignesh K., Senthil Kumar A., Arumugam Napoleon A., Govindasamy M., Yusuf K.	Ag-La(OH) ₃ @Dy ₂ O ₃ hybrid composite modified laser- induced graphene surface for simultaneous electrochemical detection of bisphenol A and tartrazine	Applied Surface Science	676				6.3	10.1016/j.apsusc.20 24.160901
518	Saidani O., Yousfi A., Samajdar D.P., Xu X., Biniyam Zemene T., Bhattarai S., Hossain M.K., Sahoo G.S.	Revealing the secrets of high performance lead-free CsSnCl ₃ based perovskite solar cell: A dive into DFT and SCAPS-1D numerical insights	Solar Energy Materials and Solar Cells	277				6.3	10.1016/j.solmat.20 24.113122
519	Dsilva Winfred Rufuss D., Hosseinipour E., Arulvel S., Davies P.A.	Techno-economic feasibility of advanced aquaporin-based hollow fiber forward osmosis membrane in industrial wastewater treatment	Journal of Water Process Engineering	67				6.3	10.1016/j.jwpe.2024 .106155

520	Vinayagam Y.; V D.R.	Mycosynthesis of TiO ₂ nanoparticles using <i>Aspergillus penicillioides</i> for toxic metal removal and photocatalytic applications	Journal of Water Process Engineering	67					6.3	10.1016/j.jwpe.2024.106279
521	Gadekallu T.R.; Maddikunta P.K.R.; Boopathy P.; Deepa N.; Chengoden R.; Victor N.; Wang W.; Wang W.; Zhu Y.; Dev K.	XAI for Industry 5.0 -Concepts, Opportunities, Challenges and Future Directions	IEEE Open Journal of the Communications Society						6.3	10.1109/OJCOMS.2024.3473891
522	Peng Y.; Li X.; Arya S.; Wang Y.	CoCo: A CBOW-Based Framework for Synergistic Vulnerability Detection in Partial and Discontinuous Logs for NextG Communications	IEEE Open Journal of the Communications Society	5		6381	6403		6.3	10.1109/OJCOMS.2024.3471709
523	Mahalingam P.; Kalpana D.; Thyagarajan T.	Estimation of remaining useful life (RUL) for pneumatic actuator without apriori RUL history: A hybrid prognostic approach	ISA Transactions	0	0	0	0		6.3	10.1016/j.isatra.2024.12.002
524	Vembu P.R.S., Ammasi A.K.	Eco-efficiency evaluation of sustainable self-compacting concrete using magnesite mine waste	Case Studies in Construction Materials	20					6.2	10.1016/j.cscm.2023.e02765
525	Kumar D., Shankar G., Prashanth K.G., Suwas S.	Control of texture and microstructure in additive manufacturing of stainless steel 316 L	Journal of Alloys and Compounds	976					6.2	10.1016/j.jallcom.2023.173040

526	Dhamodharan K., Singh A.K.	Synthesis of hybrid SmMnO ₃ /rGO nanocomposites for high performance energy storage applications	Journal of Alloys and Compounds	976				6.2	10.1016/j.jallcom.20 23.173087
527	Enbanathan S., Munusamy S., Jothi D., Kumar S.M., Iyer S.K.	A thiophene-linked terpyridine based phenanthridine chemoreceptor for Cd ²⁺ and Cr ³⁺ selective ratiometric fluorescence detection in environmental water and rice samples	Analytica Chimica Acta	1288				6.2	10.1016/j.aca.2023. 342179
528	Bharath H., Venkatesan K.	Investigation of machinability characteristics of Inconel 713C using new novel honeycomb and broken- parallel texture cutting inserts with graphene-based solid lubricants	Journal of Manufacturing Processes	109		643	668	6.2	10.1016/j.jmapro.20 23.11.048
529	Neelakandan S., Biswas K.	Tweaking the interplay of the layers by substitution in Ca ₃ Co ₄ O _{9+δ} for high efficiency thermoelectric materials	Journal of Alloys and Compounds	971				6.2	10.1016/j.jallcom.20 23.172693
530	Roy N., Sinha A., Mukherjee A.	Insights into the removal of endocrine disruptor, bisphenol A (BPA) from aqueous solution using Fc- rGO/nZVI nanocomposite system	Surfaces and Interfaces	44				6.2	10.1016/j.surfin.202 3.103708

531	Sankar B.D., Sekar S., Sathish S., Dhanasekaran S., Nirmala R., Kim D.Y., Lee Y., Lee S., Navamathavan R.	Recent advancements in MXene with two-dimensional transition metal chalcogenides/oxides nanocomposites for supercapacitor application – A topical review	Journal of Alloys and Compounds	978					6.2	10.1016/j.jallcom.2024.173481
532	Bashaveni B., Pannem R.M.R.	Development of self-healing property in self compacting concrete	Case Studies in Construction Materials	20					6.2	10.1016/j.cscm.2024.e02942
533	J. P.S., C. T., Sachdev A., E. M.	An efficient sensing system using ion-selective membrane on Ni2O3/rGO nanocomposite for electrochemical detection of nitrate ions	Journal of Alloys and Compounds	980					6.2	10.1016/j.jallcom.2023.173414
534	P K., Kandasamy J.	Effect of load and sliding velocity on wear behaviour of magnesium AZ91D composites reinforced with Ca2SiO4 at ambient temperature	Tribology International	192					6.2	10.1016/j.triboint.2024.109314
535	Chavda V.P., Vuppu S., Mishra T., Kamaraj S., Sharma N., Punetha S., Sairam A., Vaghela D., Dargahi N., Apostolopoulos V.	Combatting infectious diarrhea: innovations in treatment and vaccination strategies	Expert Review of Vaccines	23	1	246	265		6.2	10.1080/14760584.2023.2295015

536	Sathish S., Kumaravelu T.A., Yang C.-J., Jayapalan R.R., Nirmala R., Dong C.-L., Lin B.-H., Navamathavan R.	Enhancing supercapacitor performance with biomass-derived activated carbon interlinked CoS ₂ embedded graphitic carbon nitride	Journal of Alloys and Compounds	985				6.2	10.1016/j.jallcom.2024.174076
537	Venugopal A., Sudhagar P E.	Enhancing shear strength of single lap composite adhesive joint with graphene nanoparticles and Z-pins reinforcement through co-curing technique	Tribology International	195				6.2	10.1016/j.triboint.2024.109636
538	Regalla S.S., N S.K.	Effect of nano SiO ₂ on rheology, nucleation seeding, hydration mechanism, mechanical properties and microstructure amelioration of ultra-high-performance concrete	Case Studies in Construction Materials	20				6.2	10.1016/j.cscm.2024.e03147
539	A. T., O.M. S.	Investigation on the properties of sustainable alkali-activated GGBS mortar with nano silica and dredged marine sand: Mechanical, microstructural and durability aspects	Case Studies in Construction Materials	20				6.2	10.1016/j.cscm.2024.e03148
540	Karimi J., Zhao C., Prashanth K.G.	Massive transformation in dual-laser powder bed fusion of Ti6Al4V alloys	Journal of Manufacturing Processes	119		282	292	6.2	10.1016/j.jmapro.2024.03.083

541	Pavoor Veedu A., Mohan A.M., Jeyakumar B., Roy J., Srinivasan P., Nagarajan S., Deivasigamani P.	Molecular receptors integrated bimodal porous polymer scaffolds as portable solid-state optical ion-sensors and extractors for the selective capturing of ultra- trace toxic copper ions	Analytica Chimica Acta	1307				6.2	10.1016/j.aca.2024. 342625
542	Chakraborty S., Sharma G., Karmakar S., Banerjee S.	Multi-OMICS approaches in cancer biology: New era in cancer therapy	Biochimica et Biophysica Acta - Molecular Basis of Disease	1870	5			6.2	10.1016/j.bbadis.20 24.167120
543	Periyaiah I., Kumar M.P., Kumaresan N., Mangalaraja R.V., Diaz F.V.H., Sahlevani S.F., Sasikala S., Murugadoss G., Perumal I., Sasikumar M.	Facile synthesis of Co-Cu metal organic framework as efficient non-noble bifunctional electrocatalysts for overall water splitting	Applied Surface Science Advances	21				6.2	10.1016/j.apsadv.20 24.100593
544	Pavoor Veedu A., Krishna Kumar S., Kuppusamy S., Mohan A.M., Deivasigamani P.	Solid-state real-time colorimetric sensing of ultra- trace copper ions using aqueous compatible chromatic probe imbued porous polymer monolithic sensor	Surfaces and Interfaces	48				6.2	10.1016/j.surfin.202 4.104301

545	Varghese A.S., M. S. S.	Evaluation of improved tribo-performance characteristics of MoS ₂ functionalized MWCNTs hybrid reinforced epoxy composites for severe erosion conditions	Tribology International	197				6.2	10.1016/j.triboint.2024.109766
546	K D., Singh A.K.	Coupled interaction of exfoliated hexagonal boron nitride nanosheets decorated with MoS ₂ nanoflowers to enrich electrochemical activities for hybrid supercapacitor applications	Journal of Alloys and Compounds	997				6.2	10.1016/j.jallcom.2024.174732
547	Upadhyay R., Shukla M., Pandey R.K., Upadhyay C.	Band-gap tuning in Mn-doped Er ₂ Ti ₂ O ₇ : Insight from the experimental and theoretical approach	Journal of Alloys and Compounds	997				6.2	10.1016/j.jallcom.2024.174767
548	Deeba S., Ammasi A.K.	State-of-the-art review on self-healing in mortar, concrete, and composites	Case Studies in Construction Materials	20				6.2	10.1016/j.cscm.2024.e03298
549	Raveendran N., K V.	Synergistic effect of nano silica and metakaolin on mechanical and microstructural properties of concrete: An approach of response surface methodology	Case Studies in Construction Materials	20				6.2	10.1016/j.cscm.2024.e03196
550	Manoj G.M., Shalini M., Thenmozhi K., Ponnusamy V.K., Hari S.	Recent advancements in the surface modification and functionalization of magnetic nanomaterials	Applied Surface Science Advances	21				6.2	10.1016/j.apsadv.2024.100608

551	Ahmad F., Sudesh R., Ahmed A.T., Arumugam M., Mathkor D.M., Haque S.	The multifaceted functions of long non-coding RNA HOTAIR in neuropathologies and its potential as a prognostic marker and therapeutic biotarget	Expert Reviews in Molecular Medicine	26				6.2	10.1017/erm.2024.11
552	Vanathi D., Anusha K., Ahilan A., Salinda Eveline Suniram A.	Software cost and effort estimation using dragonfly whale optimized multilayer perceptron neural network	Alexandria Engineering Journal	103		30	37	6.2	10.1016/j.aej.2024.04.043
553	Gheraout D., Belaadi A., Boumaaza M., Chai B.X., Jawaid M., Abdullah M.M.S., Krishnasamy P., Al-Khawlani A.	Effects of incorporating cellulose fibers from Yucca treculeana L. on the thermal characteristics of green composites based on high-density poly-ethylene: An eco-friendly material for cleaner production	Journal of Materials Research and Technology	31		787	798	6.2	10.1016/j.jmrt.2024.06.089
554	P B., M A.X.	Effect of B4C and graphene on the microstructural and mechanical properties of Al6061 matrix composites	Journal of Materials Research and Technology	31		496	505	6.2	10.1016/j.jmrt.2024.06.098
555	Christudoss A.C., Kundu R., Dimkpa C.O., Mukherjee A.	Time dependent release of microplastics from disposable face masks poses cytogenotoxic risks in Allium cepa	Ecotoxicology and Environmental Safety	280				6.2	10.1016/j.ecoenv.2024.116542
556	Swathi M., Regunathan R.	A multi-fusion approach to classify pharyngitis, tonsillitis and oral cancer with iterative relief feature weighting	Alexandria Engineering Journal	104		359	370	6.2	10.1016/j.aej.2024.06.027

557	Gopi S., Mohapatra P.	Chaotic Aquila Optimization algorithm for solving global optimization and engineering problems	Alexandria Engineering Journal	108		135	157	6.2	10.1016/j.aej.2024.07.058
558	Natarajan L., Jenifer M.A., Mukherjee A.	Influence of algal-extracellular polymeric substances (EPS) on the pristine and combined toxicity of TiO ₂ NPs and PSNPs in Artemia salina: Eco-corona enhances the toxic effects	Ecotoxicology and Environmental Safety	282				6.2	10.1016/j.ecoenv.2024.116760
559	Bhat I.A., Mishra L.N., Mishra V.N., Abdel-Aty M., Qasymeh M.	A comprehensive analysis for weakly singular nonlinear functional Volterra integral equations using discretization techniques	Alexandria Engineering Journal	104		564	575	6.2	10.1016/j.aej.2024.08.017
560	Priyadharshini S., Ramkumar K., Vairavasundaram S., Narasimhan K., Venkatesh S., Amirtharajan R., Kotecha K.	A Comprehensive framework for Parkinson's disease diagnosis using explainable artificial intelligence empowered machine learning techniques	Alexandria Engineering Journal	107		568	582	6.2	10.1016/j.aej.2024.07.106
561	Dar Z.M., Chandru M.	A virtual element scheme for the time-fractional parabolic PDEs over distorted polygonal meshes	Alexandria Engineering Journal	106		611	619	6.2	10.1016/j.aej.2024.08.050

562	Prasad K.V., Periyasamy S.	Adaptive quorum based scheduling and interference-free routing for edge enabled UAV assisted software-define WSN using AI	Alexandria Engineering Journal	105		760	775	6.2	10.1016/j.aej.2024.07.102
563	Sanjay V., Swarnalatha P.	Dominant hippocampus segmentation with brain atrophy analysis-based AD subtype classification using KLV-RU-Net and T1FL	Alexandria Engineering Journal	104		451	463	6.2	10.1016/j.aej.2024.07.123
564	JP S., R S.K., C K., Alwabli A., Jaffar A.Y., Alshawi B.	Enhancing the performance of extreme learning machine technique using optimization algorithms for embedded workload characterization	Alexandria Engineering Journal	108		509	517	6.2	10.1016/j.aej.2024.07.100
565	Gomathi N., Poulomi D.	Entropy optimization on EMHD Casson Williamson penta-hybrid nanofluid over porous exponentially vertical cone	Alexandria Engineering Journal	108		590	610	6.2	10.1016/j.aej.2024.07.092
566	A. S., Baskar C., Shoba S.	A HybridOpt approach for early Alzheimer's Disease diagnostics with Ant Lion Optimizer (ALO)	Alexandria Engineering Journal	109		112	125	6.2	10.1016/j.aej.2024.08.089
567	Biradar A., Kandasamy J., S A., Naveen J., Rangappa S.M., Siengchin S.	Ballistic impact behavior of shear thickening fluid impregnated sisal fabrics	Journal of Materials Research and Technology	32		4006	4018	6.2	10.1016/j.jmrt.2024.08.178

568	Abdullah A.S., Geetha S., Abdul Aziz A.B., Mishra U.	Design of automated model for inspecting and evaluating handwritten answer scripts: A pedagogical approach with NLP and deep learning	Alexandria Engineering Journal	108		764	788	6.2	10.1016/j.aej.2024.08.067
569	Aarthi R., Muthupriya V., Balaji G.N.	Detection of bone cancer based on a four-phase framework generative deep belief neural network in deep learning	Alexandria Engineering Journal	109		394	407	6.2	10.1016/j.aej.2024.08.094
570	Swathe Sriee A.E.; Shankar V.	Three-dimensional bioprinted materials in alginate-hyaluronic acid complex based hydrogel based bio-ink as absorbents for heavy metal ions removal	Carbohydrate Polymer Technologies and Applications	8				6.2	10.1016/j.carpta.2024.100588
571	Ashwath P.; Venkatraman M.; Patel A.; Xavior M.A.; Batako A.	Innovation in sustainable composite research: Investigating graphene-reinforced MMCs for liquid hydrogen storage tanks in aerospace and space exploration	Journal of Materials Research and Technology	33		4313	4331	6.2	10.1016/j.jmrt.2024.10.070
572	Yang H.; Pan M.; Zhang Z.; Xie X.; Yang P.; Zhang H.; Jia Y.; Prashanth K.G.	Microstructure and mechanical performances of NiCoFeAlTi high-entropy intermetallic reinforced CoCrFeMnNi high-entropy alloy composites manufactured by selective laser melting	Journal of Materials Research and Technology	33	0	6275	6287	6.2	10.1016/j.jmrt.2024.11.022

573	Balaji V.; Jeyapandiarajan P.; Joel J.; Anbalagan A.; Ashwath P.; Margret Anuncia S.; Batako A.; Anthony Xavier M.	Mitigating hydrogen embrittlement in high-entropy alloys for next-generation hydrogen storage systems	Journal of Materials Research and Technology	33	0	7681	7697	6.2	10.1016/j.jmrt.2024.11.139
574	Gomathinayagam S.; Kanagalingam S.; Chandrasekaran S.; Krishnan T.; Kodiveri Muthukaliannan G.	Millennial-scale microbiome analysis reveals ancient antimicrobial resistance conserved despite modern selection pressures	Environmental Microbiome	19	1	0	0	6.2	10.1186/s40793-024-00652-8
575	Routh S., Manickam V.	Epigenetic alterations dictating the inflammation: A view through pancreatitis	Life Sciences	338				6.1	10.1016/j.lfs.2023.122383
576	Dhanushkumar T., M E S., Selvam P.K., Rambabu M., Dasegowda K.R., Vasudevan K., George Priya Doss. C.	Advancements and hurdles in the development of a vaccine for triple-negative breast cancer: A comprehensive review of multi-omics and immunomics strategies	Life Sciences	337				6.1	10.1016/j.lfs.2023.122360
577	Sanal Kumar T.S., Thandeewaran R.	An improved adaptive personalization model for instructional video-based e-learning environments	Journal of Computers in Education					6.1	10.1007/s40692-023-00310-x
578	Kulkarni M.B., Rajagopal S., Prieto-Simón B., Pogue B.W.	Recent advances in smart wearable sensors for continuous human health monitoring	Talanta	272				6.1	10.1016/j.talanta.2024.125817
579	Ramasubbu K., Venkatraman G., Ramanathan G., Dhanasekar S., Rajeswari V.D.	Molecular and cellular signalling pathways for promoting neural tissue growth - A tissue engineering approach	Life Sciences	346				6.1	10.1016/j.lfs.2024.122640

580	VinothKumar B., Poornima T., Sreenivasulu P., Subba Rao A.	Effect of inclined Lorentzian force on radiated nanoflow Williamson model under asymmetric energy source/sink: Keller box method	APL Materials	12	4			6.1	10.1063/5.0201939
581	Kumar Lokhande I., Tiwari N.	A numerical investigation of novel segmented PCM blocks filled with different phase change material cooling for Lithium-Ion battery	Applied Thermal Engineering	252				6.1	10.1016/j.appltherm aleng.2024.123673
582	Singh N., Srikanth K.P., Gopal V., Rajput M., Manivasagam G., Prashanth K.G., Chatterjee K., Suwas S.	In situ production of low- modulus Ti-Nb alloys by selective laser melting and their functional assessment toward orthopedic applications	Journal of Materials Chemistry B					6.1	10.1039/d4tb00379 a
583	Nain A., Joshi A., Debnath S., Choudhury S., Thomas J., Satija J., Huang C.- C., Chatterjee K.	A 4D printed nanoengineered super bioactive hydrogel scaffold with programmable deformation for potential bifurcated vascular channel construction	Journal of Materials Chemistry B					6.1	10.1039/d4tb00498 a
584	S. C.S., Prabhu T.R., Moganraj A., Samuel M.S., Praveenkumar K., Bobby S.S., Prakasam A.	Effect of heat treatment on microstructure and high- temperature wear performance of additive manufactured IN718	Journal of Manufacturing Processes	127		683	697	6.1	10.1016/j.jmapro.20 24.08.017

585	De D.K., Oduniyi I.A., Sam A.A., Aneesh A.M., Akinmeji S.	Modelling carbon capture from power plants with low energy and water consumption using a novel cryogenic technology	Applied Thermal Engineering	257				6.1	10.1016/j.appltherm aleng.2024.124315
586	Uva Narayanan C.; Daniel A.; Praveenkumar K.; Manivasagam G.; Suwas S.; Prashanth K.G.; Suya Prem Anand P.	Effect of scanning speed on mechanical, corrosion, and fretting-tribocorrosion behavior of austenitic 316L stainless steel produced by laser powder bed fusion process	Journal of Manufacturing Processes	131		1582	1593	6.1	10.1016/j.jmapro.20 24.09.108
587	Manikandan P.; Venkatesan K.	The influence of linear energy density on density, defect formation, residual stress, microstructure, and texture in 310 austenitic stainless steel by laser powder bed fusion	Journal of Manufacturing Processes	131		2191	2207	6.1	10.1016/j.jmapro.20 24.10.022
588	Sudharsan S.; Raja Annamalai A.	Microstructural, mechanical, and corrosion characteristics of Mg-Gd-x systems: A review of recent advancements	Nanotechnology Reviews	13	1			6.1	10.1515/ntrev-2024- 0073
589	Tripathi S.; Raheem A.; Dash M.; Kumar P.; Elsebahy A.; Singh H.; Manivasagam G.; Nanda H.S.	Surface engineering of orthopedic implants for better clinical adoption	Journal of Materials Chemistry B					6.1	10.1039/d4tb01563k

590	Sreena R.; Raman G.; Manivasagam G.; Nathanael A.J.	Bioactive glass-polymer nanocomposites: a comprehensive review on unveiling their biomedical applications	Journal of Materials Chemistry B					6.1	10.1039/d4tb01525 h
591	Karthikeyan N.; Naveen J.; Rajesh M.; Mallikarjuna Reddy D.; Sudhagar P.E.; Norrrahim M.N.F.; Knight V.F.	Flexural and vibration behaviours of novel covered CFRP composite joints with an MWCNT-modified adhesive	Nanotechnology Reviews	13	1	0	0	6.1	10.1515/ntrev-2024- 0076
592	Ghosh S.; Basu S.; Anbarasu A.; Ramaiah S.	A Comprehensive Review of Antimicrobial Agents Against Clinically Important Bacterial Pathogens: Prospects for Phytochemicals	Phytotherapy Research	0	0	0	0	6.1	10.1002/ptr.8365
593	Srinivas S.; Sekar M.; Thirumurugan K.; Senthil Kumar A.	Hemozoin anchored MWCNTs for mediated reduction of hydrogen peroxide and real-time intracellular oxidative stress monitoring in colon cancer cells	Journal of Materials Chemistry B	0	0	0	0	6.1	10.1039/d4tb01902d
594	Mohanapriya D.; Thenmozhi K.	In situ developed NiCo ₂ O ₄ - Ti ₃ C ₂ T _x nanohybrid towards non- enzymatic electrochemical detection of glucose and hydrogen peroxide	Journal of Materials Chemistry B	0	0	0	0	6.1	10.1039/d4tb02265c

595	Jacqueline P.J., Velvizhi G.	Substantial physicochemical pretreatment and rapid delignification of lignocellulosic banana, pineapple and papaya fruit peels: A study on physical-chemical characterization	Sustainable Chemistry and Pharmacy	37					6	10.1016/j.scp.2023.101347
596	Nanthini K., Tamilarasi A., Sivabalaselvamani D., Suresh P.	Automated classification of Alzheimer's disease based on deep belief neural networks	Neural Computing and Applications						6	10.1007/s00521-024-09468-6
597	Ansari A.A., Ravesh R., Chakraborty S., Panigrahi P.K., Das M.K.	Enhancement of THF hydrate formation kinetics in the presence of LDH based nanofluid promoter	Journal of Molecular Liquids	399					6	10.1016/j.molliq.2024.124313
598	Nallakaruppan M.K., Shankar N., Bhuvanagiri P.B., Padmanaban S., Bhatia Khan S.	Advancing solar energy integration: Unveiling XAI insights for enhanced power system management and sustainable future	Ain Shams Engineering Journal						6	10.1016/j.asej.2024.102740
599	Wani S., Jan Geça M., Selvaraj T., Shanmuga Priya T.	Assessing the influence of Bacillus megaterium and Bacillus sphaericus in cementitious materials: Promoting sustainability towards strength, durability and crack repair	Ain Shams Engineering Journal						6	10.1016/j.asej.2024.102748

600	Nair N.A., Viswanathan T.S.	Optimizing mix proportions of blended cement composites through rheological and strength relations: A numerical modelling approach with curve fitting	Ain Shams Engineering Journal					6	10.1016/j.asej.2024.102739
601	Subash J., Kalaivani S.	Dual-stage classification for lung cancer detection and staging using hybrid deep learning techniques	Neural Computing and Applications					6	10.1007/s00521-024-09425-3
602	Mohandoss S., Sakthi Velu K., Wahab R., A. Al-Khedhairi A., Tamizhselvi R., Arumugam Napoleon A., Palanisamy S., You S., Rok Lee Y.	Enhanced solubility and biological activities of Flufenamic acid through β -Cyclodextrin derivatives inclusion complexes: A comprehensive study	Journal of Molecular Liquids	402				6	10.1016/j.molliq.2024.124765
603	Kishor M.H., Madhu Mohan M.L.N.	Application of thermotropic ferroelectric liquid crystals in electrical vehicle	Journal of Molecular Liquids	401				6	10.1016/j.molliq.2024.124677
604	Bhale A.S., Meilhac O., d'Hellencourt C.L., Vijayalakshmi M.A., Venkataraman K.	Cholesterol transport and beyond: Illuminating the versatile functions of HDL apolipoproteins through structural insights and functional implications	BioFactors					6	10.1002/biof.2057

605	Faizan M., Ajithkumar M., Reddy M.V., Jamal M.A., Almutairi B., Shah N.A., Chung J.D.	A theoretical analysis of the ternary hybrid nano-fluid with Williamson fluid model	Ain Shams Engineering Journal					6	10.1016/j.asej.2024.102839
606	R R., Vidhya V.	Single server queuing model of Markov modulated bursty arrival with service following phase type distributions for underlay and overlay customers	Ain Shams Engineering Journal					6	10.1016/j.asej.2024.102825
607	Keerthiga S., Indhira K.	Cost optimization for system stability and orbital search under working vacation and starting failure by using the ANFIS soft computing	Ain Shams Engineering Journal					6	10.1016/j.asej.2024.102847
608	Rajesh A., Sharma A., Chinthaginjala R., Pau G., Abbas M., Shankar T., Fouziya Sulthana S.	Enhancing visual clarity in rainy conditions based on single-frame filtering algorithm	Ain Shams Engineering Journal					6	10.1016/j.asej.2024.102846
609	Balamurugan M., Balamurugan R.	An efficient deep neural network model for tuberculosis detection using chest X-ray images	Neural Computing and Applications					6	10.1007/s00521-024-09884-8

610	Enbanathan S., Munusamy S., Jothi D., Manoj Kumar S., Seenu P., Faizan Noor M., Kulathu Iyer S.	An AIE dynamic a highly selective and expeditious benzothiazole-pyrazine based colorimetric chemosensor for Ni ²⁺ and fluorogenic chemosensor for Cu ²⁺ and Al ³⁺ detection	Journal of Molecular Liquids	404				6	10.1016/j.molliq.202 4.124949
611	Sahoo K., Sundararajan V.	Methods in DNA methylation array dataset analysis: A review	Computational and Structural Biotechnology Journal	23		2304	2325	6	10.1016/j.csbj.2024. 05.015
612	Ray S., Vashishth R.	From water to plate: Reviewing the bioaccumulation of heavy metals in fish and unraveling human health risks in the food chain	Emerging Contaminants	10	4			6	10.1016/j.emcon.20 24.100358
613	Rubavathy A.H., Sundar S.	Performance implications of channel aware cooperative probing-GBN ARQ in the context of wireless body area networks	Results in Engineering	23				6	10.1016/j.rineng.202 4.102444
614	Rakshaskar R., Chidambaram K.	Analysis and experimental investigation of powder concentration and stirring velocity on powder mixed electrical discharge machining performance with 3D printed electrodes	Results in Engineering	23				6	10.1016/j.rineng.202 4.102450

615	Regalla S.S., Senthil Kumar N.	Investigation of hydration kinetics, microstructure and mechanical properties of multiwalled carbon nano tubes (MWCNT) based future emerging ecological economic ultra high-performance concrete (E3 UHPC)	Results in Engineering	23				6	10.1016/j.rineng.2024.102432
616	Anbazhagan S., Mugelan R.K.	Energy efficiency optimization of NB-IoT using integrated Proxy & ERAI technique	Results in Engineering	23				6	10.1016/j.rineng.2024.102419
617	Aravindan M., Praveen Kumar G., Muthaiah R., Arulanandam M.K., Sheoran N., Waykole N., Sharma P., Anand A., Kalidoss S., Trivedi G.	Unlocking clean gas with hydrogen: A combustion optimization study	Results in Engineering	23				6	10.1016/j.rineng.2024.102363
618	Dasmahapatra U., Maiti B., Alam M.M., Chanda K.	Anti-cancer property and DNA binding interaction of first row transition metal complexes: A decade update	European Journal of Medicinal Chemistry	275				6	10.1016/j.ejmech.2024.116603
619	S P., Denny J C.M.	An efficient approach to detect and segment underwater images using Swin Transformer	Results in Engineering	23				6	10.1016/j.rineng.2024.102460

620	Jayakumar S., Nandakumar S.	Distributed resource optimisation using the Q-learning algorithm, in device-to-device communication: A reinforcement learning paradigm	Results in Engineering	23				6	10.1016/j.rineng.2024.102462
621	Vinoth K., P S.	Lightweight object detection in low light: Pixel-wise depth refinement and TensorRT optimization	Results in Engineering	23				6	10.1016/j.rineng.2024.102510
622	Jena S., Gonzalez G., Vítek D., Kvasnicová M., Štěpánková Š., Strnad M., Voller J., Chanda K.	Novel neuroprotective 5,6-dihydropyrido[2',1':2,3]imidazo[4,5-c]quinoline derivatives acting through cholinesterase inhibition and CB2 signaling modulation	European Journal of Medicinal Chemistry	276				6	10.1016/j.ejmech.2024.116592
623	Tamilarasan I., Selvaprabhu P., Venkatesan R., Rajamani V., Nagarajan D., Balakrishnan R.	Performance analysis of UAV-enabled data gathering for IoT sensor network based on backscatter communication over correlated Nakagami-m fading channels	Ain Shams Engineering Journal	15	9			6	10.1016/j.asej.2024.102966
624	Matara N.N., Suresh Kumar P., Karthik Krishnan O., Katte Y.	Real-time testing of AI enabled automatic emergency braking system for ADAS vehicle using 3D point cloud and precise depth information	Internet of Things (Netherlands)	27				6	10.1016/j.iot.2024.101302

625	Pv E., Ravi K., Elumalai R., Kit C.C., K S.K., Karthik K., Gupta M.S., Asif M.	Split injection timing optimization in ammonia/biodiesel powered by RCCI engine	Results in Engineering	23				6	10.1016/j.rineng.2024.102607
626	Mohan P., Rajasekaran V.A., Santhanam P., Raja K.T., Jayagopal P., Sandeep Kumar M., Mallik S., Qin H.	TPEMLB: A novel two-phase energy minimized load balancing scheme for WSN data collection with successive convex approximation using mobile sink	Ain Shams Engineering Journal					6	10.1016/j.asej.2024.102849
627	Raju S.S.K., Durgaprasad P., Díaz Palencia J.L., Wakif A., Raju C.S.K., Dinesh kumar M., Muneerah A.N., Ali J.C.	Contour Analysis for Heat Transfer Rate in a Wedge Geometry with Non-Uniform Shapes Nanofluid: Gradient Descent Machine Learning Technique	Results in Engineering	23				6	10.1016/j.rineng.2024.102714
628	S R., R J.	FEA-based pole arc optimization and sensitivity analysis of 8/6 SRM for EV application	Results in Engineering	23				6	10.1016/j.rineng.2024.102683
629	A N., K S P.	Meta-algorithmic optimized power allocation in cybertwin-based sixth generation cooperative communication system	Results in Engineering	23				6	10.1016/j.rineng.2024.102740
630	T S., S R., J S., Alex J.S.R., G R., Das M.	Reinforcement learning-based automated modulation switching algorithm for an enhanced underwater acoustic communication	Results in Engineering	23				6	10.1016/j.rineng.2024.102791

631	Jaffino G., Jose J.P., Pv E., Dhineshababu N.R., Kit C.C., S P.	Seizure detection in EEG signal using Gaussian-stockwell transform and Hermite polynomial features	Results in Engineering	23				6	10.1016/j.rineng.2024.102684
632	Khan N.H.R., Kumar S.V.	Terrestrial LiDAR derived 3D point cloud model, digital elevation model (DEM) and hillshade map for identification and evaluation of pavement distresses	Results in Engineering	23				6	10.1016/j.rineng.2024.102680
633	S R., R J.	Review on electric mobility: Trends, challenges and opportunities	Results in Engineering	23				6	10.1016/j.rineng.2024.102631
634	R V., Tanay M., Samay G., C K., Ashok B., Senthil Kumar M., Szpica D.	Adoptability assessment of HCDI and RCCI modes in plug-in parallel hybrid electric vehicles using sustainable fuels and model-based torque structure calibration strategies	Results in Engineering	23				6	10.1016/j.rineng.2024.102859
635	Loganathan S., Sathiyamoorthy M.	Assessing groundwater contamination risk in industrial zone of Ranipet district, Southern India: A modified DRASTIC and Fuzzy-AHP approach	Results in Engineering	23				6	10.1016/j.rineng.2024.102772

636	Balakumar D., Nandakumar S.	Blockchain-enabled cooperative spectrum sensing in 5G and B5G cognitive radio via massive multiple-input multiple-output nonorthogonal multiple access	Results in Engineering	24				6	10.1016/j.rineng.2024.102840
637	Viswanathan S., Sridharan N.V., Rakkiyannan J., Vaithiyathan S.	Brake fault diagnosis using a voting ensemble of machine learning classifiers	Results in Engineering	23				6	10.1016/j.rineng.2024.102857
638	Muthukrishnan P., Sathasivam S.	Compact pattern set generation for accelerated small delay defect testing	Results in Engineering	23				6	10.1016/j.rineng.2024.102810
639	S V., N S.	Design and implementation of Golden Eagle optimized cascaded PI and LQR controller for PFC SEPIC converter in EV charging	Results in Engineering	24				6	10.1016/j.rineng.2024.102942
640	P S., A I.S.	Experimental studies of activated carbon/graphite composite adsorbent for improved performance of packed and coated bed adsorption cooling system	Results in Engineering	23				6	10.1016/j.rineng.2024.102800
641	Subramaniam S., Mani P.	Sampled-data synchronization for fuzzy inertial cellular neural networks and its application in secure communication	Neural Networks	180				6	10.1016/j.neunet.2024.106671

642	Ramakrishnan D., Sathiyamoorthy M.	Seasonal distribution, source apportionment and risk exposure of microplastic contaminants along the Muttukadu backwater estuary, Tamil Nadu, India	Results in Engineering	23				6	10.1016/j.rineng.2024.102776
643	P S., Selwynraj A I.	Pathways to enhance the performance of adsorption cooling system: An overview	Results in Engineering	23				6	10.1016/j.rineng.2024.102855
644	Perumal R.S.; Muralidharan B.	Valorization of Ricinus communis outer shell biomass to biochar: Impact of thermal decomposition temperature on physicochemical properties and EMI shielding performance	Results in Engineering	24				6	10.1016/j.rineng.2024.103097
645	Indragandhi V.; Senthil Kumar R.; Saranya R.	Hilbert-Huang Transform and machine learning based electromechanical analysis of induction machine under power quality disturbances	Results in Engineering	24				6	10.1016/j.rineng.2024.103075
646	Ghalimath A.G.; Visuvasam J.A.	Characterizing undrained behaviour of imperfectly saturated Palar sand	Results in Engineering	24				6	10.1016/j.rineng.2024.103107
647	Rubavathy A.H.; Sundar S.	Optimizing relay node selection in cooperative wireless body area networks with modified POA	Results in Engineering	24				6	10.1016/j.rineng.2024.103215

648	Krishna R.; Jayanthi D.; Shylu Sam D.S.; Kavitha K.; Maurya N.K.; Benil T.	Application of machine learning techniques for churn prediction in the telecom business	Results in Engineering	24				6	10.1016/j.rineng.2024.103165
649	Kumar Singh R.; Sangeetha R.G.	Review of EMC standards for underwater vehicles	Results in Engineering	24				6	10.1016/j.rineng.2024.103068
650	Krishna R.; Hemamalini S.	Improved TLBO algorithm for optimal energy management in a hybrid microgrid with support vector machine-based forecasting of uncertain parameters	Results in Engineering	24				6	10.1016/j.rineng.2024.102992
651	Balan G.S.; Raj S.A.	Effect of thermal shocks on the interfacial bond strength of sandwich composites built with rigid and soft materials produced through extrusion process	Results in Engineering	24				6	10.1016/j.rineng.2024.103131
652	Nesam J.J.J.; Ganesh S.S.; Ramachandran S.	Effect of bit-size reduced half-precision floating-point format on image pixel characterization for AI applications	Results in Engineering	24				6	10.1016/j.rineng.2024.103179
653	Majumder P.; Deb B.; Gupta R.; Reddy K.U.; Bhowmik A.; Das P.; Dutta P.	Design and assessment of an adapted absorber solar air collector tailored for sustainable drying applications	Solar Energy	283				6	10.1016/j.solener.2024.113002

654	Arunadevi E.; Umamaheswari S.	Enhancing ameliorating items with sustainable inventory management strategies: A Weibull approach for time and price-dependent demand trends	Ain Shams Engineering Journal					6	10.1016/j.asej.2024.103065
655	R E.; G R.	Recent development and efficacy of wire mesh embedded natural fiber composite - A review	Results in Engineering	24				6	10.1016/j.rineng.2024.103141
656	Sivaraaj N.R.; Abdul Majeed K.K.	Exploring a comprehensive review of non-linear and composite phase frequency detectors within PLL frameworks	Results in Engineering	24				6	10.1016/j.rineng.2024.102909
657	P A.; P V.; Kumar S S.; Naidu K J.	Adaptive multilevel attention deeplabv3+ with heuristic based frame work for semantic segmentation of aerial images using improved golden jackal optimization algorithm	Results in Engineering	24	0	0	0	6	10.1016/j.rineng.2024.103164
658	Usha G.P.; Alex J.S.R.	Advanced grad-CAM extensions for interpretable aphasia speech keyword classification: Bridging the gap in impaired speech with XAI	Results in Engineering	24	0	0	0	6	10.1016/j.rineng.2024.103414
659	Mohan A.; Kumar N.	An ultra ? wideband compact meander line antenna for brain implants and biotelemetry applications in the 2.45 GHz ISM band	Results in Engineering	24	0	0	0	6	10.1016/j.rineng.2024.103345

660	Muthuraja R.; Pombhejara C.N.; Ganesan S.; Attaphong C.; Morawan N.; Vicheanteab J.; Janjaroen D.	Assessment and classification of different ashes from waste incinerators in Thailand	Results in Engineering	24	0	0	0	6	10.1016/j.rineng.2024. 103325
661	Jose E.M.K.; Prasanna A.; Kushwaha B.P.; Das M.	Can generative AI motivate management students? The role of perceived value and information literacy	International Journal of Management Education	22	3	0	0	6	10.1016/j.ijme.2024.1 01082
662	Andrews C.J.M.; Narayanan A.S.K.; Marazhchal Sunil A.	Compact Metamaterial based Antenna for 5G Applications	Results in Engineering	24	0	0	0	6	10.1016/j.rineng.2024. 103269
663	C P.; Phamila Y A.V.	Deep hybrid architecture with stacked ensemble learning for binary classification of retinal disease	Results in Engineering	24	0	0	0	6	10.1016/j.rineng.2024. 103219
664	Gadhiya G.; Patel U.; Chauhan P.; Giri N.C.; Yin G.-Z.; Khargotra R.	Development of agrivoltaic insect net house to enhance sustainable energy-food production: A techno-economic assessment	Results in Engineering	24	0	0	0	6	10.1016/j.rineng.2024. 103228
665	Murugan T.K.; Kameswaran A.	Employing convolutional neural networks and explainable artificial intelligence for the detection of seizures from electroencephalogram signal	Results in Engineering	24	0	0	0	6	10.1016/j.rineng.2024. 103378
666	Rammoorthi R.; Mohanavel D.	Entropy generation and sensitivity analysis for a squeezed flow of a Williamson hybrid nanofluid under the supervision of microcantilever sensor	Results in Engineering	24	0	0	0	6	10.1016/j.rineng.2024. 103464

667	Kim T.; Kumar S.; Ravikumar C.V.; Ahmad S.; Yepuganti K.; Srinivasa Varma P.	Evaluation of a double-lens dielectric radome using a microstrip patch antenna for electromagnetic applications	Ain Shams Engineering Journal	15	12	0	0	6	10.1016/j.asej.2024.103151
668	Devi U.S.; Mugelan R.K.	EVM-Aware relay path decision with hierarchical modulation for reliable data transmission in cooperative relay networks	Results in Engineering	24	0	0	0	6	10.1016/j.rineng.2024.103468
669	Gurusamy A.; Ashok B.; Maiskar S.A.; Kavitha C.; Mbasso W.F.; Kotb H.	Impact of driving timing and road types on the operating regions of electric two-wheeler powertrain components under indian road conditions	Results in Engineering	24	0	0	0	6	10.1016/j.rineng.2024.103303
670	P V.; CV R.	Improved migration algorithms for uplink transmission secrecy sum rate maximization in MIMO-NOMA	Results in Engineering	24	0	0	0	6	10.1016/j.rineng.2024.103275
671	A V.P.; Shaik S.	Innovative slime-infused glazing systems: energy efficiency, natural lighting, color rendering, and carbon mitigation	Solar Energy	284	0	0	0	6	10.1016/j.solener.2024.113046
672	Vinothkumar K.; Velmurugan T.	Maximizing energy efficiency and system throughput using a self-adaptive penalty function with a whale optimization algorithm in social-aware device-to-device communications	Results in Engineering	24	0	0	0	6	10.1016/j.rineng.2024.103272

673	Gladstone Sigamani G.; Vincent P.M.D.R.	Multimodal neural network for enhanced protein stability prediction by integration of contact scores and spatial maps	Results in Engineering	24	0	0	0	6	10.1016/j.rineng.2024.103440
674	MidhulaSri J.; Ravikumar C.V.	Offloading computational tasks for MIMO-NOMA in mobile edge computing utilizing a hybrid Pufferfish and Osprey optimization algorithm	Ain Shams Engineering Journal	15	12	0	0	6	10.1016/j.asej.2024.103136
675	T R.K.; G L.P.	Ultra-sensitive dengue NS1 protein detection via asymmetric source-drain, heterojunction and dual-dielectric cavities in a uniform tunnel FET biosensor	Results in Engineering	24	0	0	0	6	10.1016/j.rineng.2024.103318
676	Vidhya S.; Karthikeyan M.	Ultra-wide band and high efficient Polarization converting metasurface employing Bell-shaped unit cell for RCS reduction	Results in Engineering	24	0	0	0	6	10.1016/j.rineng.2024.103342
677	Mohan C.C.; Chiranjeevi C.	A comprehensive review of advancements in solar and waste Heat-Based air Humidification-Dehumidification desalination	Solar Energy	284	0	0	0	6	10.1016/j.solener.2024.113045
678	El-Sebaey M.S.; Alrashidi A.; Suraparaju S.K.; Sathyamurthy R.; Essa F.A.; Arjun Singh K.; Rajamony R.K.	Stepped solar Stills: A comprehensive review of Design, Performance, and optimization strategies for sustainable water desalination	Solar Energy	284	0	0	0	6	10.1016/j.solener.2024.113077

679	Punitha S.; K S P.	A novel integration of Web 3.0 with hybrid chaotic-hippo-optimized Blockchain framework for healthcare 4.0	Results in Engineering	24	0	0	0	6	10.1016/j.rineng.2024.103528
680	Murty R.S.V.N.; Pabsetti P.; Harish R.	CFD investigation of mechanical heart valve orientations in modulating left ventricular hemodynamics	Results in Engineering	24	0	0	0	6	10.1016/j.rineng.2024.103595
681	Vignesh U.; Parvathi R.; Gokul Ram K.	Ensemble deep learning model for protein secondary structure prediction using NLP metrics and explainable AI	Results in Engineering	24	0	0	0	6	10.1016/j.rineng.2024.103435
682	Gowri K.; Abdul Rahim A.	Investigation on rheological performance of indigenously developed sustainable low clinker hybrid cementing binders	Results in Engineering	24	0	0	0	6	10.1016/j.rineng.2024.103543
683	Manoharan R.; Wahab R.S.	Model predictive controller-based Convolutional Neural Network controller for optimal frequency tracking of resonant converter-based EV charger	Results in Engineering	24	0	0	0	6	10.1016/j.rineng.2024.103658
684	Sivaram T.; B S.	Recent developments and challenges using blockchain techniques for peer-to-peer energy trading: A review	Results in Engineering	24	0	0	0	6	10.1016/j.rineng.2024.103666

685	Bahiru T.K., Aldosary A.S., Kafy A.-A., Rahman M.T., Nath H., Kalaivani S., Sarker D., Alsulamy S., Khedher K.M., Shohan A.A.A., Ferdous M.N., Elhag M.	Geospatial approach in modeling linear, areal, and relief morphometric interactions in Dabus river basin ecology for sustainable water resource management	Groundwater for Sustainable Development	24				5.9	10.1016/j.gsd.2023.101067
686	Sonai V., Bharathi I., Uchimucthu M., Sountharajan S., Bavirisetti D.P.	CTLA:Compressed Table Look up Algorithm for Open Flow Switch	IEEE Open Journal of the Computer Society			1	10	5.9	10.1109/OJCS.2024.3361710
687	Kareem A., Mohanty H., Thenmozhi K., Pitchaimuthu S., Senthilkumar S.	Trimetallic Zn-Co-Ni Selenide Nanoparticles as Electrocatalysts for the Hydrogen Evolution Reaction	ACS Applied Nano Materials	7	5	4886	4894	5.9	10.1021/acsnm.3c05665
688	Das A., Hazarika M., Deka N., Jana T.	Mixed Matrix Membranes Fabricated from Nanofillers of a Porous Organic Polymer for Applications as Proton Exchange Membranes	ACS Applied Nano Materials					5.9	10.1021/acsnm.4c00560
689	Agarwal A., Sahu D., Nautiyal A., Gupta M., Agarwal P.	Fusing crowdsourced data to an adaptive wireless traffic signal control system architecture	Internet of Things (Netherlands)	26				5.9	10.1016/j.ijot.2024.101169
690	A S., Bolla D.R., Kalpana Y.B., J G.J., R.M M.S., R S.V.	Analysing the impact on groundwater quality using dynamic programming and vision transformer	Groundwater for Sustainable Development	25				5.9	10.1016/j.gsd.2024.101159

691	Chandran B., Ramasamy S., Ponnaiah S.K., Arumugam E., Chandrasekaran S., Karuppaiah S., Ganesan A.	Cerium Zirconium Oxide- Decorated Reduced Graphene Oxide Nanocomposite for Low Potential Voltammetric Detection of N- Hydroxysuccinimide	ACS Applied Nano Materials	7	7	6839	6850	5.9	10.1021/acsanm.3c0 5485
692	Schlichter Kadosh Y., Muthuraman S., Nisaa K., Ben-Zvi A., Karsagi Byron D.L., Shagan M., Brandis A., Mehlman T., Gopas J., Saravana Kumar R., Kushmaro A.	Pseudomonas aeruginosa quorum sensing and biofilm attenuation by a di-hydroxy derivative of piperlongumine (PL-18)	Biofilm	8				5.9	10.1016/j.bioflm.202 4.100215
693	Guo K., Wu Z., Wang W., Ren S., Zhou X., Gadekallu T.R., Luo E., Liu C.	GRTR: Gradient Rebalanced Traffic Sign Recognition for Autonomous Vehicles	IEEE Transactions on Automation Science and Engineering	21	3	2349	2361	5.9	10.1109/TASE.2023. 3270202
694	Prasankumar T.; Bose N.; Manikandan M.; Mohana Suntharam N.; Manoharan K.; Farhana N.K.; Bashir S.; Ramesh K.; Ramesh S.; Ramachandaramurthy V.K.	Recent trends and challenges in heteroatom-rich carbon-based cathode for Zn-Ion hybrid supercapacitors	Journal of Industrial and Engineering Chemistry	142	0	157	176	5.9	10.1016/j.jiec.2024.11 .011

695	Manimegalai G.; Selvaraj K.; Yu B.; Kumar M.; Muthaiah C.; Panneerselvam S.; Arulraj A.; Mangalaraja R.V.; Habila M.; Allohedan H.; Yuli Yanto D.H.; Arumugam D.B.	Acorus calamus-mediated CuFe ₂ O ₄ /reduced graphene oxide (AcL-CF-G) nanocomposite and its versatile biomedical and environmental remediation applications	Journal of Industrial and Engineering Chemistry	0	0	0	0	5.9	10.1016/j.jiec.2024.12.019
696	Pani B.S.U.L., Chandrasekaran N.	Adsorption of clarithromycin on polystyrene nanoplastics surface and its combined adverse effect on serum albumin	Colloids and Surfaces B: Biointerfaces	234				5.8	10.1016/j.colsurfb.2023.113673
697	Nair R., Gokuladoss V.	Synergistic adsorption and kinetic studies of heterostructured g-C ₃ N ₄ /TiO ₂ nano-photocatalyst under visible light for enhanced CO ₂ reduction	Environmental science and pollution research international	31	2	2495	2510	5.8	10.1007/s11356-023-31163-7
698	Haripriyaa M., Suthindhiran K.	Investigation of pharmacokinetics and immunogenicity of magnetosomes	Artificial Cells, Nanomedicine and Biotechnology	52	1	69	83	5.8	10.1080/21691401.2023.2289367
699	Pednekar R.R., Rajan A.P.	Unraveling the contemporary use of microbial fuel cell in pesticide degradation and simultaneous electricity generation: a review	Environmental science and pollution research international	31	1	144	166	5.8	10.1007/s11356-023-30782-4

700	Begum S.R., Chandrasekhar A.	Biomimicking hydrophobic leaf structure using soft lithography for fog harvesting, triboelectric nanogenerators as a self-powered rain sensor	iScience	27	2			5.8	10.1016/j.isci.2024.108878
701	Kanimozhi S., Seenivasan R., Mukherjee A., Chandrasekaran N.	Naturally weathered polypropylene microplastic from environment and its toxic behaviour in Artemia salina	Environmental Science and Pollution Research	31	9	13207	13217	5.8	10.1007/s11356-024-31998-8
702	Balakrishnan A., Govindaraj S., Dhaipule N.G.K., Thirumalaisamy N., Anne R.S., Sublime N., Philip J.	Enhancing microbiologically influenced corrosion protection of carbon steels with silanized epoxy-biocide hybrid coatings	Environmental Science and Pollution Research	31	9	13302	13326	5.8	10.1007/s11356-024-32014-9
703	Ma K., Raj A.N.J., Rajangam V., Tjahjadi T., Liu M., Zhuang Z.	Retinal spike train decoder using vector quantization for visual scene reconstruction	Complex and Intelligent Systems					5.8	10.1007/s40747-023-01333-8
704	Logeshwaran A., Elsen R., Nayak S.	Artificial Intelligence-Based 3D Printing Strategies for Bone Scaffold Fabrication and Its Application in Preclinical and Clinical Investigations	ACS Biomaterials Science and Engineering	10	2	677	696	5.8	10.1021/acsbomaterials.3c01368
705	George G., Ealias A.M., Saravanakumar M.P.	Advancements in textile dye removal: a critical review of layered double hydroxides and clay minerals as efficient adsorbents	Environmental Science and Pollution Research	31	9	12748	12779	5.8	10.1007/s11356-024-32021-w

706	Wanjari U.R., Gopalakrishnan A.V.	Cadmium as a male reproductive toxicant and natural and non-natural ways to tackle it: a review	Environmental Science and Pollution Research					5.8	10.1007/s11356-024-32210-7
707	Krishnamoorthy L., Lakshmanan V.R.	Evaluating hydrogeochemistry and heavy metal contamination of groundwater at Ranipet environs: employing multivariate statistics, agricultural indices, and health risk assessment	Environmental Science and Pollution Research					5.8	10.1007/s11356-024-32928-4
708	Manikandan R., Raja T., Raja K.V., Suresh G., Vezhavendhan R., Kumaresan G., Ganesamoorthy R.	Combustion performance and emission characteristics of aloe vera diesel-emulsified fuel in a DI diesel engine	Environmental Science and Pollution Research					5.8	10.1007/s11356-024-33025-2
709	Za'abar F.'I., Doroody C., Soudagar M.E.M., Chelvanathan P., Abdullah W.S.W., Zuhd A.W.M., Cuce E., Saboor S.	Systematic inspection on the interplay between MoNa-induced sodium and the formation of MoSe ₂ intermediate layer in CIGSe/Mo heterostructures	Environmental Science and Pollution Research					5.8	10.1007/s11356-024-32938-2
710	Venkatesh A.T., Rajkumar S., Masilamani U.S.	Analysing the factors influencing groundwater quality with different pollution indices and PLS-SEM approach in the vicinity of an open dumping yard in Saduperi, Vellore, Tamil Nadu, India	Environmental Science and Pollution Research					5.8	10.1007/s11356-024-32939-1

711	Basha Z.W., Kumar A.S., Muniraj S.	Green synthesis of carbon quantum dots from teak leaves biomass for in situ precipitation and regenerative removal of methylene blue-dye	Environmental Science and Pollution Research					5.8	10.1007/s11356-024-32816-x
712	Marimuthu A., Govindasamy P.K.	Driving an ecological transformation: unleashing multi-objective optimization for hydrogenated compressed natural gas in a decarbonization perspective	Environmental Science and Pollution Research					5.8	10.1007/s11356-024-33396-6
713	Rajak U., Chaurasiya P.K., Verma T.N., Dasore A., Ağbulut Ü., Meshram K., Saleel C., Saboor S., Cuce E., Mian Z.	Optimizing soybean biofuel blends for sustainable urban medium-duty commercial vehicles in India: an AI-driven approach	Environmental Science and Pollution Research					5.8	10.1007/s11356-024-33210-3
714	Kirubanandam S., Srinivasan L., Alshalwi M., Rajamanickam A.K., Narayanan S.P.	A novel organic–inorganic matrix nanofiltration membrane for remediating copper with enhanced thermal stability and mechanical strength	Environmental Science and Pollution Research					5.8	10.1007/s11356-024-33321-x
715	Hameed M.S.A., Sreedharan S.P., Sivapragasam P., Chakraborty S., Devarajulu C., Sivagami K.	Resource recovery from soiled sanitary napkin waste—a state-of-the-art review	Environmental Science and Pollution Research					5.8	10.1007/s11356-024-33218-9

716	Rengasamy M., Gnanasekaran A., Eswaramoorthy N., Basker I., Rajaram K.	Combined effect of grooves and nanoflower structured Co ₃ O ₄ coating on bamboo wood for highly efficient solar steam generation at indoor and outdoor conditions	Environmental Science and Pollution Research					5.8	10.1007/s11356-024- 33420-9
717	Vanangamudi A., Punniyakoti S.	Cocos nucifera-mediated electrochemical synthesis and coating of CuO/ZnO nanostructures on Fe ship strips for marine application	Green Chemistry Letters and Reviews	17	1			5.8	10.1080/17518253.2 024.2356612
718	Hariprasad B.S., Lakshmi Priya R., Ganesh Babu S.	Recent advances in the synthesis, catalytic, and adsorption applications of carbohydrate polymers	European Polymer Journal	214				5.8	10.1016/j.eurpolymj. 2024.113178
719	Anil A.J., Kapoor R., Pathak S.D., Rahaman S., Kumar R., Ghosh K.	A machine learning based electronic property predictor of Cu ₂ SnS ₃ thin film synthesized by ultrasonic spray pyrolysis	Journal of Alloys and Compounds	1002				5.8	10.1016/j.jallcom.20 24.175365
720	Kumara Narayana Swamy C., Velmurugan T.	GASBO: User grouping-based gradient average subtraction-based optimisation for NOMA-based fog computing vehicular network	Vehicular Communications	49				5.8	10.1016/j.vehcom.2 024.100824

721	Nagalingam S.P., Pandiaraj S., Alodhayb A.N., Grace A.N.	Investigation and development of photocathodes using polyaniline Encapsulated Ti ₃ C ₂ T _x MXene nanosheets for dye-sensitized solar cells	Nanoscale	16	27	13121	13130	5.8	10.1039/d4nr01057 d
722	Mohapatra S., Badapanda T., Barman R., Das T.K., Huang Y., Xiao J., Tripathy S.N.	Understanding of the correlation of structural and microwave dielectric performance of (1-x)MgTiO ₃ - xCaTiO ₃ ceramics for dielectric resonator antenna applications	Journal of Alloys and Compounds	1003				5.8	10.1016/j.jallcom.20 24.175616
723	Sumit N., Borah A., Palaniyappan S., Rajeshkhanna G.	ZIF-67-derived Co-N-C supported nickel cobalt sulfide as a bifunctional electrocatalyst for sustainable hydrogen production via alkaline electrolysis	Nanoscale	16	29	14020	14032	5.8	10.1039/d4nr01196 a
724	Mohan M., Augustine N., Selvamani S.B., P. J A., Selvapandian U., Pathak J., Gracy R G., Thiruvengadam V., S. N S.	The miniature genome of broad mite, Polyphagotarsonemus latus (Tarsonemidae: Acari)	Scientific Data	11	1			5.8	10.1038/s41597-024- 03579-4

725	Davidraj J.M., Sathish C.I., Selvarajan P., Fawaz M., Perumalsamy V., Yu X., Breese M.B.H., Yi J., Vinu A.	Aminotriazine derived N-doped mesoporous carbon with a tunable nitrogen content and their improved oxygen reduction reaction performance	Nanoscale					5.8	10.1039/d4nr02425g
726	Palakshi Reddy B., Kancherla R., Sarveswari S., Khan A., Islam I., Tamboli Y., Vijayakumar V.	Green synthesis of bispidinols as fluorescent/radio imaging precursors in cancer therapy: insight into structural and biological elucidation	Green Chemistry Letters and Reviews	17	1			5.8	10.1080/17518253.2024.2391919
727	Kamalakannan M., Thomas J., Chandrasekaran N.	Humic acid alleviates the toxicity of polystyrene nanoplastics in combination with their copper nanoparticle co-pollutants in <i>Artemia salina</i>	Environmental Science: Nano					5.8	10.1039/d4en00437j
728	Viswanath N V.; Yesuraj J.; Kim K.; Biswas K.	Enhanced supercapacitive performance in Cu doped Sn3O4 synthesized by a simple extract route	Journal of Alloys and Compounds	1008				5.8	10.1016/j.jallcom.2024.176750
729	Mishra A.B.; Thamankar R.	Combined optical and electrical control of a low-power consuming (~fJ) two-terminal organic artificial synapse for associative learning and neuromorphic applications	Nanoscale	16	39	18597	18608	5.8	10.1039/d4nr02673j

730	Krishnanjana K.; Ganesh G.M.	Punica granatum peel powder and extract as green inhibitor for TMT in 1M HCl: an experimental and response surface model	Green Chemistry Letters and Reviews	17	1			5.8	10.1080/17518253.2024.2412989
731	Zhang Z.; Wang Z.; Zhao Q.; Prashanth K.G.	Metal-metal interpenetrating phase composites: A review	Journal of Alloys and Compounds	1009				5.8	10.1016/j.jallcom.2024.176951
732	Sivakumar A.; K Nair H.; Joshi A.; R K.W.; P Videsh A.; P R.M.	A computational study and analysis of Variational Quantum Eigensolver over multiple parameters for molecules and ions	EPJ Quantum Technology	11	1	0	0	5.8	10.1140/epjqt/s40507-024-00280-8
733	Kaliyaperumal S.; Sarigamala K.K.; Moorthy P.; Ramachandran B.; Chandrasekar N.; Albrecht T.	Bifunctional electrocatalytic hybrid heterostructures for polysulfide anchoring/conversion for a stable lithium-sulfur battery	Nanoscale	16	48	22240	22251	5.8	10.1039/d4nr03190c
734	Raval H.; Chaki J.	Ensemble transfer learning meets explainable AI: A deep learning approach for leaf disease detection	Ecological Informatics	84	0	0	0	5.8	10.1016/j.ecoinf.2024.102925
735	R. S R.; Al-Shehari T.; Nathan S.; A J.; R S.; P S.P.; Alfakih T.; Alsalman H.	An unmanned aerial vehicle captured dataset for railroad segmentation and obstacle detection	Scientific Data	11	1	0	0	5.8	10.1038/s41597-024-03952-3
736	Afridha M.S.H.F., Prakash S.H., Roopan S.M.	MoO3 based nanocomposites for the photocatalytic degradation of colourants – A review	Journal of the Taiwan Institute of Chemical Engineers					5.7	10.1016/j.jtice.2024.105354

737	Rameez P.V., Mohamed Ibrahim M.	A comprehensive review on the utilization of hydrogen in low temperature combustion strategies: Combustion, performance and emission attributes	Journal of the Energy Institute	113					5.7	10.1016/j.joei.2023.101511
738	Ghosh S., Haycock D., Mehra N., Bera S., Johnson H., Roiban I.-L., Aouine M., Vernoux P., Thüne P., Schneider W.F., Tsampas M.N.	Climbing the Hydrogen Evolution Volcano with a NiTi Shape Memory Alloy	Journal of Physical Chemistry Letters	15	4	933	939		5.7	10.1021/acs.jpcllett.3c03216
739	Kag S., Kumar P., Kataria R.	Acid hydrolysis of Solanum tuberosum periderm for accumulation of polyhydroxyalkanoates in Pseudomonas putida MTCC 2475	Frontiers in Bioengineering and Biotechnology	12					5.7	10.3389/fbioe.2024.1343540
740	Ravi A., Krishnan R., Ravuri M., Santhosh S., AlSalhi M.S., Devanesan S., Selvarani A., Rajasekar A., Rajamohan R., Narenkumar J.	Sustainable approach for the degradation of contrast dye Evans blue by Enterobacter cloacae strain SD4-1	Journal of the Taiwan Institute of Chemical Engineers						5.7	10.1016/j.jtice.2023.105323
741	Omer S.N., Shanmugam V.	Exploring tannery effluent bacteria for bioremediation and plant growth production: Isolating and characterizing bacterial strain for environmental clean-up	Journal of the Taiwan Institute of Chemical Engineers						5.7	10.1016/j.jtice.2024.105362

742	Giri S., Dimkpa C.O., Ratnasekera D., Mukherjee A.	Impact of micro and nano plastics on phototrophic organisms in freshwater and terrestrial ecosystems: A review of exposure, internalization, toxicity mechanisms, and eco-corona- dependent mitigation	Environmental and Experimental Botany	219				5.7	10.1016/j.envexpbot .2024.105666
743	Mari E., Duraisamy M., Eswaran M., Sellappan S., Won K., Chandra P., Tsai P.-C., Huang P.-C., Chen Y.- H., Lin Y.-C., Ponnusamy V.K.	Highly electrochemically active Ti3C2Tx MXene/MWCNT nanocomposite for the simultaneous sensing of paracetamol, theophylline, and caffeine in human blood samples	Microchimica Acta	191	4			5.7	10.1007/s00604-024- 06273-9
744	Kalel D., Raja Singh R.	IoT integrated adaptive fault tolerant control for induction motor based critical load applications	Engineering Science and Technology, an International Journal	51				5.7	10.1016/j.jestch.202 3.101585
745	Santhosh S., Abilaji S., AlSalhi M.S., Devanesan S., Narenkumar J., Rajamohan R., Rajasekar A.	Remediation of azodye contaminated soil by Electrokinetics	Journal of the Taiwan Institute of Chemical Engineers					5.7	10.1016/j.jtice.2023. 105262
746	Kandasamy J., Badurdeen F., Rajapakshe T.	Guest editorial: Emerging trends in supply chain engineering towards global sustainability	Journal of Global Operations and Strategic Sourcing	17	2	149	155	5.7	10.1108/JGOSS-05- 2024-124

747	Kumar P., Nashath Omer S., M M.R., Saravanan P., Rajeshkannan R., Rajasimman M., Shanmugam V.K., Kamyab H., Gupta V.K., Vasseghian Y.	Exploring the role of activated charcoal from lignocellulosic biomass wastes for sustainable water treatment	Journal of the Energy Institute	114				5.7	10.1016/j.joei.2024.101626
748	Kassa Dada T., Kumar R., Rashid U., Somasundaram M., Antunes E.	Enhanced catalytic activity of Sm/CeO ₂ to produce gasoline-range hydrocarbons from pyrolysis of spent coffee grounds	Journal of the Energy Institute	115				5.7	10.1016/j.joei.2024.101663
749	Ajithkumar V., Philomina A., Meena K., Pothiaraj G., Dey D., Souravnath, Sowbaranika M., Chia S.R., Ashokkumar B., Chew K.W., Moorthy I.M.G., Varalakshmi P.	Insights of recent developments in microplastics pollution and its degradation in wastewater and other environment	Journal of the Taiwan Institute of Chemical Engineers					5.7	10.1016/j.jtice.2024.105504
750	Rani M., Aggarwal A., Sehrawat M., Bharadwaj S., Rani R., Chauhan G.S., Singh B.P.	Enhancing structural integrity and adsorption performance of carbon nanotube buckypaper for water remediation through innovative densification strategy	Surfaces and Interfaces	51				5.7	10.1016/j.surfin.2024.104636

751	Kumari A., Tjiu W.W., Roy J., Verma V.K., Rahaman A., Aabdin Z., Singh V.R.	Exploring annealing-triggered phase transformation, photoluminescence quenching, and synergistic effects of Co-doped TiO ₂ nanoparticles	Surfaces and Interfaces	51					5.7	10.1016/j.surfin.2024.104555
752	Khan P.A., Raheem A., Kalirajan C., Prashanth K.G., Manivasagam G.	In Vivo Assessment of a Triple Periodic Minimal Surface Based Biomimetic Gyroid as an Implant Material in a Rabbit Tibia Model	ACS Materials Au						5.7	10.1021/acsmaterialsau.4c00016
753	Kang Y.-H., Varghese P.M., Aiyana A.A., Pondman K., Kishore U., Sim R.B.	Complement-Coagulation Cross-talk: Factor H-mediated regulation of the Complement Classical Pathway activation by fibrin clots	Frontiers in Immunology	15					5.7	10.3389/fimmu.2024.1368852
754	Sruthi V.P., Senthilkumar S.	Prudently designed Se@fMWCNT as a peroxidase mimicking nanozyme for distinctive electrochemical detection of H ₂ O ₂ and glutathione	Journal of Materials Chemistry C	12	24	8924	8934		5.7	10.1039/d4tc01231c
755	Srinivas S., Sivakumar N., Sekar M., Thirumurugan K., Senthil Kumar A.	Benzene layer-aligned electrochemical transformation of SWCNTs to redox-active macro-walled CNTs: enabling oxygen interference-free monitoring of ROS release from HeLa cancer cells	Journal of Materials Chemistry C						5.7	10.1039/d4tc01653j

756	Sivakumar P., Raj C.J., Savariraj A.D., Manikandan R., Rajendran R., Jung H.	Designing a high-performance electrode material for hybrid supercapacitor: 1D–2D NiCo carbonate hydroxide nanofiber interlinked microsheet architecture	Surfaces and Interfaces	51				5.7	10.1016/j.surfin.2024.104629
757	Sivakumar P., Raj C.J., Savariraj A.D., Manikandan R., Jung H.	Developing a high-performance hybrid supercapacitor with the controlled assembly of a hierarchical 3D flower-like NiCo double hydroxide nano/microarchitecture electrode material	Surfaces and Interfaces	51				5.7	10.1016/j.surfin.2024.104641
758	Nallakumar S., Muthurakku U.R.	Investigation on the impact of film thickness on spray-deposited Co ₂ SnO ₄ thin films gas sensing performance towards dimethylamine detection at room temperature	Surfaces and Interfaces	51				5.7	10.1016/j.surfin.2024.104666
759	M.P.G K., A R.A., Mohanty C.P., Chauhan A.S.	Exploring the machined surface characteristics of Haynes 25 superalloy: Cost mitigation and quality enhancement perspective	Surfaces and Interfaces	52				5.7	10.1016/j.surfin.2024.104912

760	Jagadeesan D., Veedu A.P., Mohan A.M., Sompalli N.K., Deivasigamani P.	Hybrid NiCo ₂ O ₄ -BiOOH heterostructure nanocomposite impregnated porous polymer monolith as high-performance visible light photocatalyst for the decontamination of antimicrobial pollutants	Surfaces and Interfaces	52				5.7	10.1016/j.surfin.2024.104888
761	Brahadeeswaran S., Tamizhselvi R.	Consequence of alcohol intoxication-mediated efferocytosis impairment	Frontiers in Immunology	15				5.7	10.3389/fimmu.2024.1386658
762	Ravikumar T., Thirumalaisamy L., Sivaperuman K.	Synergistic effect of rGO decoration on ZnFe ₂ O ₄ nanorods for low concentration detection of ammonia at room temperature with high selectivity and response	Surfaces and Interfaces	53				5.7	10.1016/j.surfin.2024.105076
763	Thomas A.; Sivaperuman K.	Chemical spray pyrolysis deposited ZnO/ZIF-8 and cobalt doped ZnO/ZIF-8 composite thin films for highly sensitive and selective ammonia sensing at room temperature	Surfaces and Interfaces	54				5.7	10.1016/j.surfin.2024.105241
764	Saha P.; Talwar P.	Identification of PPRES and PPRES associated genes in the human genome: insights into related kinases and disease implications	Frontiers in Immunology	15				5.7	10.3389/fimmu.2024.1457648

765	Chakraborty S.; Banerjee S.	Combatting cellular immortality in cancers by targeting the shelterin protein complex	Biology Direct	19	1	0	0	5.7	10.1186/s13062-024-00552-4
766	Kumari M.; Kedia P.; Kothari A.; Debroy A.; Pulimi M.; Mukherjee A.	Efficient degradation of oxytetracycline by peroxymonosulphate activated with Fe-Cu-Mo@Hydrochar composite: Mechanism and toxicity	Surfaces and Interfaces	55	0	0	0	5.7	10.1016/j.surfin.2024.105344
767	Kurian J.; Sridharan N.V.; Chakrapani G.; Vaithyanathan S.	Health monitoring of automotive clutch system through feature fusion and application of tree-based classifiers	Structural Health Monitoring	0	0	0	0	5.7	10.1177/14759217241292753
768	Boopathy P.; Deepa N.; Reddy Maddikunta P.K.; Victor N.; Reddy Gadekallu T.; Yenduri G.; Wang W.; Pham Q.-V.; Huynh-The T.; Liyanage M.	The metaverse for Industry 5.0 in NextG Communications: Potential Applications and Future Challenges	IEEE Open Journal of the Computer Society	0	0	0	0	5.7	10.1109/OJCS.2024.3497335
769	Debata B.P.; Thiyagarajan M.D.; Prathap R.; Girase J.D.; Iyer S.K.; Patel S.; Vaidyanathan S.	Benzil-imidazole blue fluorophores and their applications in blue/white light-emitting diodes, sensing and anticounterfeiting	Journal of Materials Chemistry C	0	0	0	0	5.7	10.1039/d4tc04661g
770	Adhish M.; Manjubala I.	Integrative in-silico and in-vitro analysis of taurine and vitamin B12 in modulating PPAR γ and Wnt signaling in hyperhomocysteinemia-induced osteoporosis	Biology Direct	19	1	0	0	5.7	10.1186/s13062-024-00581-z

771	Kumar A.; Dixit S.; Srinivasan K.; M D.; Vincent P.M.D.R.	Personalized cancer vaccine design using AI-powered technologies	Frontiers in Immunology	15	0	0	0	5.7	10.3389/fimmu.2024. 1357217
772	Das P.K., Meher S.	AWOLSE: Adaptive Weight- Optimized Level Set Evolution- Based Blood Cell Segmentation	IEEE Transactions on Instrumentation and Measurement	73				5.6	10.1109/TIM.2023.3 331410
773	John B., Geca M.J., Saravanan S., Rajasekhar Rao D.S.N.V.	Unsteady wave drag reduction in hypersonic flows: Correlations and influences of pulsed energy magnitude and deposition location	Aerospace Science and Technology	144				5.6	10.1016/j.ast.2023.1 08800
774	Premalatha B., Prakasam P.	Optimal Energy-efficient Resource Allocation and Fault Tolerance scheme for task offloading in IoT-FoG Computing Networks	Computer Networks	238				5.6	10.1016/j.comnet.20 23.110080
775	Balaji V.R., Ibrar Jahan M.A., Sridarshini T., Geerthana S., Thirumurugan A., Hegde G., Sitharthan R., Dhanabalan S.S.	Machine learning enabled 2D photonic crystal biosensor for early cancer detection	Measurement: Journal of the International Measurement Confederation	224				5.6	10.1016/j.measurem ent.2023.113858
776	Sahu A., Das P.K., Meher S.	An automatic sparse-based deep cascade framework with multilayer representation for detecting breast cancer	Measurement: Journal of the International Measurement Confederation	228				5.6	10.1016/j.measurem ent.2024.114375

777	Singh D.L., Shanmugam R., Mishra V., Rao G.R.	Fractal growth of a fern-like nanostructured Cu ₂ O film electrode for electrochemical reduction of CO ₂ to ethanol	Sustainable Energy and Fuels	8	4	863	872	5.6	10.1039/d3se01429k
778	Saravanan R., Balasubramanian V., Sundaram S., Dev B., Vittalraj P., Pitani R.S., Shanmugasundaram G., Rayala S.K., Venkatraman G.	Expression of cell surface zinc transporter LIV1 in triple negative breast cancer is an indicator of poor prognosis and therapy failure	Journal of Cellular Physiology					5.6	10.1002/jcp.31203
779	Chakraborty C., Bhattacharya M., Pal S., Lee S.-S.	From machine learning to deep learning: Advances of the recent data-driven paradigm shift in medicine and healthcare	Current Research in Biotechnology	7				5.6	10.1016/j.crbiot.2023.100164
780	Menagadevi M., Devaraj S., Madian N., Thiyagarajan D.	Machine and deep learning approaches for alzheimer disease detection using magnetic resonance images: An updated review	Measurement: Journal of the International Measurement Confederation	226				5.6	10.1016/j.measurement.2023.114100
781	Rani B.S., Vairamuthu S., Subramanian S.	Archimedes Fire Hawk Optimization enabled feature selection with deep maxout for network intrusion detection	Computers and Security	140				5.6	10.1016/j.cose.2024.103751
782	Manna K., Banerjee M.	Dynamics of a prey–predator model with reproductive Allee effect for prey and generalist predator	Nonlinear Dynamics					5.6	10.1007/s11071-024-09451-9

783	Bhattacharya M., Pal S., Chatterjee S., Alshammari A., Albekairi T.H., Jagga S., Ige Ohimain E., Zayed H., Byrareddy S.N., Lee S.-S., Wen Z.-H., Agoramoorthy G., Bhattacharya P., Chakraborty C.	ChatGPT's scorecard after the performance in a series of tests conducted at the multi-country level: A pattern of responses of generative artificial intelligence or large language models	Current Research in Biotechnology	7				5.6	10.1016/j.crbiot.2024.100194
784	Ali S.M., Haque M.N., Sarker M.R., Kandasamy J., Vlachos I.	Improving changeover techniques in apparel manufacturing through single minute exchange of die: implications for benchmarking	Benchmarking					5.6	10.1108/BIJ-11-2022-0718
785	Somasundaram M., Dinesh Kumar K., NarendraKumar U., Raja Annamalai A.	Dry milling of stir-cast and heat-treated EV31A magnesium alloy: An experimental investigation based on the multi-criteria optimization method	Measurement: Journal of the International Measurement Confederation	231				5.6	10.1016/j.measurement.2024.114613
786	Loganathan A., Bozdogan B., Manohar P., Nachimuthu R.	Phage-antibiotic combinations in various treatment modalities to manage MRSA infections	Frontiers in Pharmacology	15				5.6	10.3389/fphar.2024.1356179
787	Borah A., Sumit N., Palaniyappan S., Rajeshkhanna G.	Enhanced bifunctional electrocatalytic activities of hybrid Co(OH) ₂ /MOF-derived materials for green hydrogen production by electrochemical water splitting	Sustainable Energy and Fuels					5.6	10.1039/d3se01632c

788	Priya K.M., Alur S.	Benchmarking nutrition facts panel label – a consumer ethics perspective using health belief model	Benchmarking					5.6	10.1108/BIJ-02-2024-0125
789	Singh P., Jayaraman G.	Inhibition of the Naja naja venom toxicity by polymeric nanoparticles loaded with Leucas aspera methanolic extract	Frontiers in Pharmacology	15				5.6	10.3389/fphar.2024.1385213
790	Zhang P., Wang T., Qian J., Qin H., Liu P., Xiong A., Udduttula A., Wang D., Zeng H., Chen Y.	An injectable magnesium-coordinated phosphate chitosan-based hydrogel loaded with vancomycin for antibacterial and osteogenesis in the treatment of osteomyelitis	Regenerative Biomaterials	11				5.6	10.1093/rb/rbae049
791	Veeranki Y.R., Posada-Quintero H.F., Swaminathan R.	Transition Network-Based Analysis of Electrodermal Activity Signals for Emotion Recognition	IRBM	45	4			5.6	10.1016/j.irbm.2024.100849
792	Kukreti N., Kumar P., Kataria R.	Sustainable biotransformation of lignocellulosic biomass to microbial enzymes: An overview and update	Industrial Crops and Products	222				5.6	10.1016/j.indcrop.2024.119432
793	Geethukrishnan; Apte O.; Tadi K.K.	Electrochemical sensor for dopamine detection based on multiwalled carbon nanotube/molybdenum disulfide quantum dots with machine learning integration and anti-interference capability	Tungsten					5.6	10.1007/s42864-024-00297-7

794	Salman M.; Das P.K.; Mohanty S.K.	A Systematic Review on Recent Advancements in Deep Learning and Mathematical Modeling for Efficient Detection of Glioblastoma	IEEE Transactions on Instrumentation and Measurement					5.6	10.1109/TIM.2024.3476544
795	Chakrabarti S.	Phase Transition and Thermodynamic Stability in an Entropy-Driven Universe	Fortschritte der Physik					5.6	10.1002/prop.202400063
796	Kumar S.T.S., Thandeeswaran R.	Adapting video-based programming instruction: An empirical study using a decision tree learning model	Education and Information Technologies					5.5	10.1007/s10639-023-12390-4
797	Choudhary N., Singh S., Bhardwaj S., Gupta S., Nandi U., Chandra R., Maji P.K.	Recent advancements in nanocellulose-based supercapacitors for energy storage devices: A review	Carbohydrate Polymer Technologies and Applications	7				5.5	10.1016/j.carpta.2023.100416
798	Jain K.K., Raghuram J.N.V.	Gen-AI integration in higher education: Predicting intentions using SEM-ANN approach	Education and Information Technologies					5.5	10.1007/s10639-024-12506-4
799	HaitherAli H., G A.	Sustainable urban development: Evaluating the potential of mineral-based construction and demolition waste recycling in emerging economies	Sustainable Futures	7				5.5	10.1016/j.sftr.2024.100179

800	Iyer M., Elangovan A., Sennimalai R., Babu H.W.S., Thiruvenkataswamy S., Krishnan J., Yadav M.K., Gopalakrishnan A.V., Narayanasamy A., Vellingiri B.	Chitosan – An alternative drug delivery approach for neurodegenerative diseases	Carbohydrate Polymer Technologies and Applications	7				5.5	10.1016/j.carpta.2024.100460
801	Victor N., Maddikunta P.K.R., Mary D.R.K., Murugan R., Chengoden R., Gadekallu T.R., Rakesh N., Zhu Y., Paek J.	Remote Sensing for Agriculture in the Era of Industry 5.0-A Survey	IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing	17		5920	5945	5.5	10.1109/JSTARS.2024.3370508
802	Hai T., Aksoy M., Iwendi C., Ibeke E., Mohan S.	CIA Security for Internet of Vehicles and Blockchain-AI Integration	Journal of Grid Computing	22	2			5.5	10.1007/s10723-024-09757-3
803	Reddy A.B., Mahato S.N., Tewari N.	High-Voltage Lift DC-DC Converter with Reduced Switch Stress	IEEE Journal of Emerging and Selected Topics in Power Electronics	12	2	1730	1741	5.5	10.1109/JESTPE.2024.3356555
804	Rajendran D., Kamalakannan M., Doss G.P., Chandrasekaran N.	Surface functionalization, particle size and pharmaceutical co-contaminant dependent impact of nanoplastics on marine crustacean - Artemia salina	Environmental Science: Processes and Impacts					5.5	10.1039/d4em00010b

805	Ramalingam P.S., Elangovan S., Mekala J.R., Arumugam S.	Liver X Receptors (LXRs) in cancer-an Eagle's view on molecular insights and therapeutic opportunities	Frontiers in Cell and Developmental Biology	12				5.5	10.3389/fcell.2024.1 386102
806	Saha S., Karthik Reddy K.S.K., Katyal K., Somala S.N.	Investigating seismic performance of SMRF buildings under subshear and supershear rupture conditions: Assessment of storey-level internal damage	Engineering Structures	309				5.5	10.1016/j.engstruct. 2024.118069
807	Selvaraj R., G G.R., Arunachalam R., Subramanian P.S., Savitha Lakshmi M., Mahalakshmi S., Suresh E., Ganesh K., Rajeshwaran K., Karthik C.S., S S.	Self-Assembled Lanthanide Supramolecular Helicates: Efficient Catalysts for Synthesis of Heterocyclic Scaffolds	Applied Catalysis A: General	682				5.5	10.1016/j.apcata.20 24.119806
808	Rex M C., Debroy A., Mukherjee A.	The impact of nTiO ₂ and GO (graphene oxide), and their combinations, on freshwater Chlorella sp.: a comparative study in lake water and BG-11 media	Environmental Science: Processes and Impacts					5.5	10.1039/d4em00041 b
809	Pyromali C., Patelis N., Cutrano M., Gosika M., Glynos E., Moreno A.J., Sakellariou G., Smrek J., Vlassopoulos D.	Nonmonotonic Composition Dependence of Viscosity upon Adding Single-Chain Nanoparticles to Entangled Polymers	Macromolecules					5.5	10.1021/acs.macro mol.4c00206

810	Monisha S., Subhashri M., Devi K.S.S., Manju V., Kumar A.S.	Defective graphene-nanomaterials derived from banana-biomass for simultaneous electrochemical detection of xanthine, hypoxanthine, and uric acid: Insights from scanning electrochemical microscopy on edge and basal planes	Electrochimica Acta	497					5.5	10.1016/j.electacta.2024.144515
811	Philip A., Kumar A.R.	Synergism of carbonaceous additives in engineering of the supercapacitive performance of α - and λ -phases of manganese oxide	Electrochimica Acta	498					5.5	10.1016/j.electacta.2024.144651
812	Banerjee R., Maitra I., Bhattacharya T., Banerjee M., Ramanathan G., Rayala S.K., Venkatraman G., Rajeswari D., V	Next-generation biomarkers for prognostic and potential therapeutic enhancement in Triple negative breast cancer	Critical Reviews in Oncology/Hematology	201					5.5	10.1016/j.critrevonc.2024.104417
813	Pouthika K., Madhumitha G.	Tailoring interfacial charge separation in Z-Scheme CuO@TiO ₂ @halloysite heterostructure for efficient photocatalytic removal of Congo red	Journal of the Taiwan Institute of Chemical Engineers						5.5	10.1016/j.jtice.2024.105752

814	Gupta A.K., Boruah T., Ghosh P., Ikram A., Rana S.S., Shanker M A., Bachetti A., Jha A.K., Naik B., Kumar V., Rustagi S.	Green chemistry revolutionizing sustainability in the food industry: A comprehensive review and call to action	Sustainable Chemistry and Pharmacy	42				5.5	10.1016/j.scp.2024.101774
815	Samal S.; Kumar A.R.	Facile synthesis of MCo ₂ O ₄ (M= Ni, Cu, and Zn) materials for high-performing electrochemical capacitors with robust cyclic stability using redox additive electrolyte	Electrochimica Acta	508				5.5	10.1016/j.electacta.2024.145211
816	Sivagami M.; Thirumalai D.; Narayana P.V.S.; Murugeswari A.; Asharani I.V.	Enhanced photocatalytic activity of BB41 and ROM2R dyes using green synthesized NiO nanoparticles: A response surface methodology approach	Journal of the Taiwan Institute of Chemical Engineers	165	0	0	0	5.5	10.1016/j.jtice.2024.105816
817	Narayanan M.; Jhanani G.K.; Wadaan M.A.; Narasimman K.	Vertical column photo bioreactor for the cultivation of nitrogen-fixing cyanobacterium Anabaena sp. under Response surface methodology (RSM) optimized light and organic carbon source for biomass, lipid, and fatty acid production	Journal of the Taiwan Institute of Chemical Engineers	0	0	0	0	5.5	10.1016/j.jtice.2024.105921

818	Pouthika K., Madhumitha G.	A Mini Review on Recent Advancements in Metal Oxide Integrated Nano-Tubular Inorganic Clay Mineral Photocatalyst for Organic Pollutant Degradation	Comments on Inorganic Chemistry					5.4	10.1080/02603594.2 024.2312395
819	Ramadevi B., Kasi V.R., Bingi K.	Hybrid LSTM-Based Fractional- Order Neural Network for Jeju Island's Wind Farm Power Forecasting	Fractal and Fractional	8	3			5.4	10.3390/fractalfract 8030149
820	Karthikeyan K.R., Murugusundaramoort hy G.	Properties of a Class of Analytic Functions Influenced by Multiplicative Calculus	Fractal and Fractional	8	3			5.4	10.3390/fractalfract 8030131
821	Md A.Q., Jaiswal D., Mohan S., Innab N., Sulaiman R., Alaoui M.K., Ahmadian A.	A novel approach for self- driving car in partially observable environment using life long reinforcement learning	Sustainable Energy, Grids and Networks	38				5.4	10.1016/j.segan.202 4.101356
822	Nair M.M., Swaroop S.	Influence of oxide layer developed by laser shock peening on biocorrosion response of Ti-6Al-7Nb in simulated body fluid	Surface and Coatings Technology	483				5.4	10.1016/j.surfcoat.2 024.130795
823	Vijaya K., Murugusundaramoort hy G., Breaz D., Oros G.I., El-Deeb S.M.	Ozaki-Type Bi-Close-to- Convex and Bi-Concave Functions Involving a Modified Caputo's Fractional Operator Linked with a Three- Leaf Function	Fractal and Fractional	8	4			5.4	10.3390/fractalfract 8040220

824	Hari Prakash S., Vishal M., Navin B., Roopan S.M.	“Contemporary Insights into the Latest Achievements of Ag ₃ PO ₄ -Based Photocatalyst in Organic Transformations”	Comments on Inorganic Chemistry					5.4	10.1080/02603594.2024.2334233
825	Vaiyapuri S.K., Moganraj A., Nowotnik A., Mrowka-Nowotnik G.	Development of thermal barrier coating on single crystal superalloy CMSX-4 by two-source evaporation EB-PVD and hot corrosion performance of the coating in a simulated aero-engine environment	Surface and Coatings Technology	485				5.4	10.1016/j.surfcoat.2024.130885
826	Zipper S., Brookfield A., Ajami H., Ayers J.R., Beightel C., Fienen M.N., Gleeson T., Hammond J., Hill M., Kendall A.D., Kerr B., Lapidés D., Porter M., Parimalarenganayaki S., Rohde M.M., Wardropper C.	Streamflow Depletion Caused by Groundwater Pumping: Fundamental Research Priorities for Management-Relevant Science	Water Resources Research	60	5			5.4	10.1029/2023WR035727
827	Karnan M., Lolupiman K., Okhawilai M., Pattanauwat P., Shetty M., Venkateshalu S., Chen J.S., Tan P., Qin J.	Nanoarchitectonic Marvels: Pioneering One-Pot Synthesis of Bi ₂ WO ₆ Nanostructures for Breakthrough in Symmetric Supercapacitor Innovation	ACS Applied Energy Materials					5.4	10.1021/acsaem.4c00910

828	Sundari M.P., Priya G.L.	Nano-biosensors with subthreshold swing tunnel field effect transistor: A cutting-edge review	Sensing and Bio-Sensing Research	44				5.4	10.1016/j.sbsr.2024.100665
829	Kareem A., Thenmozhi K., Ramasamy S., Jose E., Kunhiraman A.K., Pitchaimuthu S., Senthilkumar S.	Structural Modulation through Se Vacancies on Zn-Doped NiSe ₂ Nanoparticles for Expediting Electrocatalytic Hydrogen Evolution	ACS Applied Energy Materials					5.4	10.1021/acsaem.4c00934
830	Priya M., Bala Anki Reddy P.	Entropy optimization on Casson nanofluid flow with radiation and Arrhenius activation energy over different geometries: A numerical and statistical approach	Propulsion and Power Research					5.4	10.1016/j.jprr.2024.08.001
831	Thomas Felix K.; Ramappa K.B.; Govindarajan P.L.	Strategies to scale up the technical, allocative and economic efficiency of major millet growing farmers in India – A primal system approach	Environmental and Sustainability Indicators	24				5.4	10.1016/j.indic.2024.100493
832	Sridhar D.; Parimalarenganayaki S.	Evaluation of human and ecological health risks associated with the potentially toxic heavy metals in groundwater of Vellore city, Tamil Nadu, India	Journal of Hazardous Materials Advances	16				5.4	10.1016/j.hazadv.2024.100497

833	Biswas S.; Dabral K.P.; Majumder S.; Parasuraman R.; Dutt A.S.; Kamble V.B.	Predicting the Realizable Maximum Power Factor Using the Jonker and Ioffe Formulation: Al-Doped ZnO Triangular Microcrystals with Graphite Inclusion Case Study	ACS Applied Energy Materials	7	19	8991	9002	5.4	10.1021/acsaem.4c02081
834	Balasubramaniam J.; Fu Y.-P.; Mummoothi Kanagarajan S.	Designing Hierarchical Assembly of Lanthanum-Doped TiNb ₂ O ₇ for Single-Crystalline Cathodes: An Approach to Improving Cyclability at High Rates and Voltages	ACS Applied Energy Materials					5.4	10.1021/acsaem.4c01891
835	Dey A.; Ashok S.D.	Fuzzy logic based qualitative indicators for promoting extended producer responsibility and sustainable food packaging waste management	Environmental and Sustainability Indicators	24	0	0	0	5.4	10.1016/j.indic.2024.100534
836	Elumalai D., Rodríguez B., Kovtun G., Hidalgo P., Méndez B., Kaleemulla S., Joshi G.M., Cuberes M.T.	Nanostructural Characterization of Luminescent Polyvinyl Alcohol/Graphene Quantum Dots Nanocomposite Films	Nanomaterials	14	1			5.3	10.3390/nano14010005
837	Muniyappan A., Manikandan K., Seadawy A.R., Parasuraman E.	Dynamical characteristics and physical structure of cusp-like singular solitons in birefringent fibers	Results in Physics	56				5.3	10.1016/j.rinp.2023.107241
838	Vivekrabinson K., Ragavan K., Jothi Thilaga P., Bharath Singh J.	Secure Cloud-Based Electronic Health Records: Cross-Patient Block-Level Deduplication with Blockchain Auditing	Journal of Medical Systems	48	1			5.3	10.1007/s10916-024-02053-3

839	Ho P.H., Tizzanini G., Ghosh S., Di W., Shao J., Pajalic O., Josefsson L., Benito P., Creaser D., Olsson L.	Effect of the Preparation Methods on the Physicochemical Properties of Indium-Based Catalysts and Their Catalytic Performance for CO ₂ Hydrogenation to Methanol	Energy and Fuels	38	6	5407	5420	5.3	10.1021/acs.energyfuels.3c04721
840	Krishnasamy P., Mylsamy G., Arulvel S., Rajamurugan G., Gadekar A.	Characterization of electrical conductivity and dielectric properties of electroless NiP/rGO composite coated hemp fiber with various weight% of rGO and coating duration	Results in Physics	60				5.3	10.1016/j.rinp.2024.107694
841	Gupta P., Jain A., Ikram S.T., Gadekallu T.R., Srivastava G.	DAIDNet: A Lightweight Domain Aware Architecture for Automated Detection of Network Penetrations	IEEE Transactions on Network and Service Management			1	1	5.3	10.1109/TNSM.2024.3384942
842	Ahmed S.T., Venkatesan V.K., T R M., S R., Venkatesan M.	Augmented Intelligence Based COVID-19 Diagnostics and Deep Feature Categorization Based on Federated Learning	IEEE Transactions on Emerging Topics in Computational Intelligence			1	8	5.3	10.1109/TETCI.2024.3375455
843	Periasamy P., Ujwala R., Srikar K., Durga Sai Y.V., Preetha K.S., Sumathi D., Sayeed M.S.	ERAM-EE: Efficient resource allocation and management strategies with energy efficiency under fog–internet of things environments	Connection Science	36	1			5.3	10.1080/09540091.2024.2350755

844	Eswaramoorthy N., Kuppusamy S., Manoharan K., Buvaneshwaran S., Shyma A.P., Sahoo T., Nagamuthu Raja K.C., Pitchaiya S., Deivasigamani P., Rajaram K.	Dual Modifications of TiO ₂ /1D g-C ₃ N ₄ Nanocomposites and Metal-Organic Framework- Derived Porous CuO/Carbon for High-Performance Perovskite Solar Cells	ACS Applied Nano Materials					5.3	10.1021/acsnm.4c0 1393
845	Murugan M., Kandasamy J.	Impact of hydroxyapatite (HaP) nano particle on the morphology, thickness, and adhesion strength of electrophoretic ZnO/HaP composite coated SS316L	Surface and Coatings Technology	487				5.3	10.1016/j.surfcoat.2 024.131022
846	Shekhawat H., Kumari A., Raol H., Choudhury T.	Preparation and characterization of clay hybrid adsorbents for the removal of paracetamol from model wastewater: A comparative study	Applied Clay Science	258				5.3	10.1016/j.clay.2024. 107469
847	Lokesh M.G., Tiwari A.K.	A concise review on polymer brushes and its interaction with surfactants: An approach towards smart materials	Journal of Molecular Liquids	407				5.3	10.1016/j.molliq.202 4.125168
848	Jamwal V., Mittal A.	Recent Progresses in Nanocomposite Films for Food-Packaging Applications: Synthesis Strategies, Technological Advancements, Potential Risks and Challenges	Food Reviews International					5.3	10.1080/87559129.2 024.2368065

849	Subramanian A., Roshan D., Chatterjee V., Hussain Shaik A., Rehaan Chandan M., Kiran B., Said Z., Soheli Murshed S.M., Chakraborty S.	Determination of operational flow regime and heat transfer performance optimization of mono and hybrid nanofluids using FOM and sensitivity analysis	Journal of Molecular Liquids	409				5.3	10.1016/j.molliq.202 4.125546
850	Ulaganambi M., S L.K., Kumar S., Tetala K.K.R.	In silico studies and development of a protein- based electrochemical sensor for selective and sensitive detection of aflatoxin B1	Microchimica Acta	191	7			5.3	10.1007/s00604-024- 06495-x
851	Mithuna R., Tharanyalakshmi R., Jain I., Singhal S., Sikarwar D., Das S., Ranjitha J., Ghosh D., Rahman M.M., Das B.	Emergence of antibiotic resistance due to the excessive use of antibiotics in medicines and feed additives: A global scenario with emphasis on the Indian perspective	Emerging Contaminants	10	4			5.3	10.1016/j.emcon.20 24.100389
852	Das S., Chakravorty A., Raj A., Luktuke S., Appu Mini A., Awasthi S., Sankar Sana S., Kumar Pandey S., Raghavan V.	Graphene/MWCNT/copper- nanoparticle fabricated printed electrode for diclofenac detection in milk and drinking water: Electrochemical and in-silico analysis	Journal of Molecular Liquids	411				5.3	10.1016/j.molliq.202 4.125750
853	Raghu P., Murugesan M.	Molecular interactions of the antioxidant in the coolant oil for energy transformers: Dielectric and simulation studies	Journal of Molecular Liquids	411				5.3	10.1016/j.molliq.202 4.125795

854	Nag S., Kar S., Mishra S., Stany B., Seelan A., Mohanto S., Haryini S S., Kamaraj C., Subramaniyan V.	Unveiling Green Synthesis and Biomedical Theranostic paradigms of Selenium Nanoparticles (SeNPs) - A state-of-the-art comprehensive update	International Journal of Pharmaceutics	662				5.3	10.1016/j.ijpharm.2024.124535
855	Karthikeyan N., Krishnan U., Mukherjee C., Lopes R., Kambhale P., Petkar P.A., Sathiyarayanan K.	A fluorescent probe derived from phenanthridine for selective detection of Bi ³⁺ ion and its real-time application	Journal of Molecular Liquids	413				5.3	10.1016/j.molliq.2024.125872
856	Bendi A., Raja M., Vashisth C., Kaur P., Udayasri A., Mech D., Swamy T.N.V.R.L., Raghav N.	Drilling fluids: Score years of trends, innovations and implications in research	Journal of Molecular Liquids	413				5.3	10.1016/j.molliq.2024.125891
857	Mohandoss S., Sakthi Velu K., Wahab R., Ahmad N., Dhanasekaran K., Arumugam Napoleon A., Saeed Akhtar M., Rok Lee Y.	Synergistic effects of β -Cyclodextrin derivative inclusion complexes with favipiravir to enhance solubility and antiviral efficacy against Herpes Simplex virus type 1 (HSV-1)	Journal of Molecular Liquids	413				5.3	10.1016/j.molliq.2024.126064
858	Dhayanithi C.A., Babu S.G.	Ultrasensitive electrochemical detection of metronidazole using binder-free zinc-4,4'-oxybis(benzoic acid) MOF/GCE in real samples	Microchimica Acta	191	10			5.3	10.1007/s00604-024-06692-8

859	Mahendravada S.; Lahiri B.B.; Jayakumar S.; Sathyanarayana A.T.; Vetrivendan E.; Khan F.; Vidya R.; Philip J.; Dasgupta A.	Hyaluronic acid-coated iron oxide nanoparticles for magnetic fluid hyperthermia and methylene blue dye removal: Preparation, physicochemical characterization, and enhancing the heating efficiency	Journal of Molecular Liquids	415					5.3	10.1016/j.molliq.2024.126314
860	Roy K.; Murthy K.S.; Agarwal K.; Manju S.L.; Baba Bhasarkar J.; Kumar Bal D.	Kinetic and thermodynamic analysis of engineered alginate–chitosan hydrogel based scaffolds for drug delivery applications	Journal of Molecular Liquids	414					5.3	10.1016/j.molliq.2024.126262
861	Mohan Raja M.; Vijayakumar V.; Veluvolu K.C.	Improved order in Hilfer fractional differential systems: Solvability and optimal control problem for hemivariational inequalities	Chaos, Solitons and Fractals	188					5.3	10.1016/j.chaos.2024.115558
862	Aishwarya K.; Rajavardhini R.; Maruthasalamoorthy S.; Mani J.; Nirmala R.; Anbalagan G.; Rangaswamy N.	NiMoO ₄ /Reduced Graphene Oxide Nanocomposites for Thermoelectric Power Generation	ACS Applied Nano Materials						5.3	10.1021/acsnm.4c03743
863	Vengatesh B.T.; Chandrasekaran N.; Mukherjee A.	Effect of seasonal dynamics on microplastic pollution and its vectorization of heavy metals: An in-vitro toxicity assessment in <i>Artemia franciscana</i>	Marine Pollution Bulletin	209	0	0	0		5.3	10.1016/j.marpolbul.2024.117294

864	Dhanasekaran A.; Dhanaraj K.; Venugopal V.	Polyaniline/MoS ₂ /MWCNT Ternary Nanocomposite for Effective Electromagnetic Interference Shielding	ACS Applied Nano Materials	7	22	25983	25994	5.3	10.1021/acsanm.4c05214
865	Kumar S.M.; Munusamy S.; Manickam S.; Jothi D.; Enbanathan S.; Iyer S.K.	Ratiometric detection of lethal oxalyl and thionyl chloride by a thiophene-appended phenanthridine sensor	Journal of Molecular Liquids	415	0	0	0	5.3	10.1016/j.molliq.2024.126388
866	Nagalingam S.P.; Josephine Malathi A.C.; Pandiaraj S.; Muthuramamoorthy M.; Alzahrani K.E.; Alodhayb A.N.; Grace A.N.	Screen-Printed Alkalized Ti ₃ C ₂ Tx MXene-PEDOT Nanofibers as Alternative Photocathodes for Dye Sensitized Solar Cells	ACS Applied Nano Materials	0	0	0	0	5.3	10.1021/acsanm.4c04937
867	Rengasamy M., Rajaram K.	Enhancing interfacial solar steam generation using hybrid (Co ₃ O ₄ /perovskite structured NaTaO ₃) nanomaterials coated on cotton cloth with sawdust composite evaporator	Colloids and Surfaces A: Physicochemical and Engineering Aspects	684				5.2	10.1016/j.colsurfa.2023.133086
868	Kalidas S., Sumathi S.	Electrospun gelatin-polyvinyl alcohol-silk fibre/hydroxyapatite scaffolds and their physicochemical and biological studies	Colloids and Surfaces A: Physicochemical and Engineering Aspects	684				5.2	10.1016/j.colsurfa.2023.133030

869	Duraisamy K., Devaraj M., Gangadharan A., Martirosyan K.S., Sahu N.K., Manogaran P., Kreedapathy G.E.	Single domain soft ferromagnetic ferrofluid suitable for intratumoural magnetic hyperthermia	Colloids and Surfaces A: Physicochemical and Engineering Aspects	684				5.2	10.1016/j.colsurfa.2023.133049
870	Shariq M., Rudolf R., Majerič P., Chattopadhyaya S., Kargl R., Friedrich B., Grace A.N., Dixit A.R.	Jettability and printability of customized gold nanoparticles based ink on flexible substrate through inkjet printing process	Colloids and Surfaces A: Physicochemical and Engineering Aspects	682				5.2	10.1016/j.colsurfa.2023.132837
871	Thiyagu C., NarendraKumar U.	Strength enhancement of a flame-retardant hybrid composite by incorporating graphene nanoparticles for structural applications	Polymer Composites					5.2	10.1002/pc.28097
872	Irawan A.P., Siregar J.P., Cionita T., Fitriyana D.F., Alias A., Rusiyanto R., Jaafar J., Prayitno P., Ismail R., Bayuseno A.P., Janvekar A.A.	Elaeocarpus ganitrus (rudraksha) seeds as a potential sustainable reinforcement for polymer matrix composites	Polymer Composites					5.2	10.1002/pc.28088
873	Liu J., Yadav S., Salman M., Chavan S., Kim S.C.	Review of thermal coupled battery models and parameter identification for lithium-ion battery heat generation in EV battery thermal management system	International Journal of Heat and Mass Transfer	218				5.2	10.1016/j.ijheatmasstransfer.2023.124748

874	Yadav V.V., B S.	Analysis and control of large-signal stability with storage in small scale islanded AC microgrids	Energy Reports	11		2780	2793	5.2	10.1016/j.egyr.2024.02.028
875	Ravikumar T., Sivaperuman K.	Branched ZnFe ₂ O ₄ nanorods grown via chemical spray pyrolysis technique for chemiresistive xylene gas sensor	Colloids and Surfaces A: Physicochemical and Engineering Aspects	686				5.2	10.1016/j.colsurfa.2024.133382
876	Parvathi K., Kesavan M.P., Bhaskar R., Renukadevi C.R., Ayyanaar S.	Targeted drug release and in vitro anticancer activities of iron oxide@folic acid/chitosan based nano-niosomes	Colloids and Surfaces A: Physicochemical and Engineering Aspects	686				5.2	10.1016/j.colsurfa.2024.133366
877	Amma N.G. B.	En-RfRsK: An ensemble machine learning technique for prognostication of diabetes mellitus	Egyptian Informatics Journal	25				5.2	10.1016/j.eij.2024.100441
878	Asaithambi S., Ravi L., Devarajan M., Almazyad A.S., Xiong G., Mohamed A.W.	Enhancing enterprises trust mechanism through integrating blockchain technology into e-commerce platform for SMEs	Egyptian Informatics Journal	25				5.2	10.1016/j.eij.2024.100444

879	Varughese J.J., Sreekanth M.S.	Investigation on enhancement of filler dispersion and prediction of mechanical behavior of hexagonal boron nitride/epoxy nanocomposites through machine learning and deep learning models	Polymer Composites					5.2	10.1002/pc.28197
880	Varma M., Chandran S., Vijay Kumar V., Suyambulingam I., Siengchin S.	A comprehensive review on the machining and joining characteristics of natural fiber-reinforced polymeric composites	Polymer Composites					5.2	10.1002/pc.28148
881	Venkatramanan M., Nalini E.	Regulation of virulence in Chromobacterium violaceum and strategies to combat it	Frontiers in Microbiology	15				5.2	10.3389/fmicb.2024.1303595
882	Jagadeesan D., Mohan A.M., Kuppusamy S., Sompalli N.K., Jiji A.E., Deivasigamani P.	Novel CuBi ₂ O ₄ -BiOCl/rGO heterostructure nanocomposite as high-performance visible light photocatalyst for the disintegration of persistent antimicrobials in aquatic environment	Colloids and Surfaces A: Physicochemical and Engineering Aspects	689				5.2	10.1016/j.colsurfa.2024.133638
883	Kayalvizhi K., Kennedy L.J., Ratna D.	Negative permittivity and permeability behaviour of SrFe ₁₂ O ₁₉ /rGO metacomposite for microwave absorption in 2–18 GHz range	Ceramics International	50	9	16241	16252	5.2	10.1016/j.ceramint.2024.02.104

884	Sundar R.D.V., Arunachalam S.	Xenomyrothecium tongaense PTS8: a rare endophyte of Polianthes tuberosa with salient antagonism against multidrug-resistant pathogens	Frontiers in Microbiology	15				5.2	10.3389/fmicb.2024. 1327190
885	Arshad M.N., Thiagamani S.M.K., Jeyaguru S., Muthukumar C., Krishnasamy S., Subramaniam J., Khan A., Althomali R.H.	Experimental investigation on the mechanical and acoustic performance of hemp/kenaf hybrid composites: Influence of different stacking sequences	Polymer Composites					5.2	10.1002/pc.28280
886	Soni J., Sinha S., Pandey R.	Understanding bacterial pathogenicity: a closer look at the journey of harmful microbes	Frontiers in Microbiology	15				5.2	10.3389/fmicb.2024. 1370818
887	Manohar P., Loh B., Turner D., Tamizhselvi R., Mathankumar M., Elangovan N., Nachimuthu R., Leptihn S.	In vitro and in vivo evaluation of the biofilm-degrading Pseudomonas phage Motto, as a candidate for phage therapy	Frontiers in Microbiology	15				5.2	10.3389/fmicb.2024. 1344962
888	Khan F., Lahiri B.B., Srujana M., Vidya R., Philip J.	Induction heating of magnetic nanoparticles: role of thermo- physical properties of the coating moieties	Colloids and Surfaces A: Physicochemical and Engineering Aspects	692				5.2	10.1016/j.colsurfa.2 024.133982

889	Chandiran K., Pandian M.S., Balakrishnan S., Pitchaimuthu S., Chen Y.-S., Nagamuthu Raja K.C.	Ti ₃ C ₂ T _x MXene decorated with NiMnO ₃ / NiMn ₂ O ₄ nanoparticles for simultaneous photocatalytic degradation of mixed cationic and anionic dyes	Colloids and Surfaces A: Physicochemical and Engineering Aspects	692				5.2	10.1016/j.colsurfa.2024.133888
890	A K., C V.	Design of adaptive protection coordination scheme using SVM for an AC microgrid	Energy Reports	11		4688	4712	5.2	10.1016/j.egyr.2024.04.021
891	Thomas A., Mishra U.	Industry 4.0 and circular economy model for a sustainable electric vehicle battery with controllable wastewater and carbon emission	Energy Reports	11		4044	4066	5.2	10.1016/j.egyr.2024.03.054
892	Sridharan N.V., Vaithyanathan S., Aghaei M.	Voting based ensemble for detecting visual faults in photovoltaic modules using AlexNet features	Energy Reports	11		3889	3901	5.2	10.1016/j.egyr.2024.03.044
893	Kokilaramani S., Satheeshkumar A., Nandini M.S., Narenkumar J., AlSalhi M.S., Devanesan S., Natarajan P.M., Rajamohan R., Rajasekar A., Malik T.	Application of photoelectrochemical oxidation of wastewater used in the cooling tower water and its influence on microbial corrosion	Frontiers in Microbiology	15				5.2	10.3389/fmicb.2024.1297721

894	Balaji S., Rajesh M.	Shear properties and failure mechanisms of adhesive bonded composite joint: Effect of glass particle reinforcement	Polymer Composites					5.2	10.1002/pc.28452
895	A A., R R.K., Rana T.H., Parasuraman R., Perumal S., V R.	Thermoelectric, mechanical and electrochemical properties of pure single-phase FeSb	Ceramics International					5.2	10.1016/j.ceramint.2024.04.403
896	Geetha G., Geethanjali P.	Optimal Robust Time-Domain Feature Based Bearing Fault and Stator Fault Diagnosis	IEEE Open Journal of the Industrial Electronics Society			1	14	5.2	10.1109/OJIES.2024.3417401
897	Sreelakshmi B., Thamankar R.	Investigation of the transient photo-response and switching window of an Al/indigo/Al device: unveiling negative photoconductivity and the photo-enhanced memory window	Materials Advances					5.2	10.1039/d4ma00302k
898	P Shri Harine, Kumar A., Sasmal S.K.	Complex dynamics of a stage structured prey-predator model with parental care in prey	Nonlinear Dynamics					5.2	10.1007/s11071-024-09821-3
899	Jose A.M., Rasool M.	A glimpse on the role of IL-21 in psoriatic arthritis pathogenesis	Life Sciences	350				5.2	10.1016/j.lfs.2024.122766

900	Nalini V., Nagy G.N., Rahaman A., Kalpathy S.K., Thomas T., Sumangala T.P., Kahaly M.U.	Unravelling the environmental degradation mechanism of perovskite thin films	Materials Advances					5.2	10.1039/d4ma00574 k
901	Shanmugam I., Radhakrishnan S., Santosh S., Ramnath A., Anil M., Devarajan Y., Maheswaran S., Narayanan V., Pitchaimani A.	Emerging role and translational potential of small extracellular vesicles in neuroscience	Life Sciences	355				5.2	10.1016/j.lfs.2024.1 22987
902	John P.; Sudandiradoss C.	Structure, function and stability analysis on potential deleterious mutation ensemble in glyceraldehyde 3- phosphate dehydrogenase (GAPDH) for early detection of LUAD	Life Sciences	358				5.2	10.1016/j.lfs.2024.1 23127
903	Khade V.; Thirumalasetty A.B.; Choukiker Y.K.; Wuppulluri M.	A cost-effective strategy to design and fabricate absorption dominant flexible multilayer laminates by rationally tailoring their layers	Materials Advances					5.2	10.1039/d4ma00741 g

904	Okposo N.I.; Raghavendar K.; Khan N.; Gómez-Agullar J.F.; Jonathan A.M.	New exact optical solutions for the Lakshmanan–Porsezian–Danie l equation with parabolic law nonlinearity using the ϕ_6 - expansion technique	Nonlinear Dynamics						5.2	10.1007/s11071-024- 10430-3
905	Srivastava S.; Rasool M.	Genetics, epigenetics and autoimmunity constitute a Bermuda triangle for the pathogenesis of rheumatoid arthritis	Life Sciences	357					5.2	10.1016/j.lfs.2024.1 23075
906	Krishnamoorthy D.; Singh A.K.	Investigating the Exfoliated Hexagonal Boron Nitride Nanosheets Embedded on Bi ₂ S ₃ Nanorods Designed as a Positive Electrode for Hybrid Supercapacitors	Energy and Fuels	38	21	21468	21481		5.2	10.1021/acs.energyfue ls.4c03282
907	Margielewicz J.; G?ska D.; Bucki S.; Litak G.; Sadasivan S.	Multiple solutions and orbit change in energy harvesting system with a flag configuration	Nonlinear Dynamics	0	0	0	0		5.2	10.1007/s11071-024- 10529-7
908	Mishra A.B.; Shete M.; Thamankar R.	A low-energy consuming, optically and electrically stimulated artificial synapse based on lead-free metal halide perovskite (Cs ₃ Cu ₂ I ₅) for neuromorphic applications	Materials Advances	0	0	0	0		5.2	10.1039/d4ma00855c
909	Thomas A.; Sivaperuman K.	Carbon and cobalt co-doped ZnO thin films for highly sensitive and selective ammonia detection at room temperature	Materials Advances	0	0	0	0		5.2	10.1039/d4ma00768a

910	Sah M.; Ascoli A.; Tetzlaff R.; Rajamani V.; Kaji Budhathoki R.	Local Activity Principle: Cause of Insulin Secretion by Pancreatic β -cells	IEEE Transactions on Circuits and Systems I: Regular Papers	71	12	6336	6348	5.2	10.1109/TCSI.2024.3412732
911	Sahu A., Das P.K., Meher S.	An efficient deep learning scheme to detect breast cancer using mammogram and ultrasound breast images	Biomedical Signal Processing and Control	87				5.1	10.1016/j.bspc.2023.105377
912	Bhuvaneshwari K.S., Rama Parvathy L., Chatrapathy K., Krishna Reddy C.V.	An internet of health things-driven skin cancer classification using progressive cyclical convolutional neural network with ResNext50 optimized by exponential particle swarm optimization	Biomedical Signal Processing and Control	91				5.1	10.1016/j.bspc.2023.105878
913	Peta J., Koppu S.	Explainable Soft Attentive EfficientNet for breast cancer classification in histopathological images	Biomedical Signal Processing and Control	90				5.1	10.1016/j.bspc.2023.105828
914	Sunkari S., Sangam A., Venkata Sreeram P., Suchetha M., Raman R., Rajalakshmi R., Tamilselvi S.	A refined ResNet18 architecture with Swish activation function for Diabetic Retinopathy classification	Biomedical Signal Processing and Control	88				5.1	10.1016/j.bspc.2023.105630
915	Sivapriya G., Manjula Devi R., Keerthika P., Praveen V.	Automated diagnostic classification of diabetic retinopathy with microvascular structure of fundus images using deep learning method	Biomedical Signal Processing and Control	88				5.1	10.1016/j.bspc.2023.105616

916	Kolla B., P V.	An integrated approach for magnification independent breast cancer classification	Biomedical Signal Processing and Control	88				5.1	10.1016/j.bspc.2023.105594
917	Prasath T., Sumathi V.	Pipelined deep learning architecture for the detection of Alzheimer's disease	Biomedical Signal Processing and Control	87				5.1	10.1016/j.bspc.2023.105442
918	Balasubramaniam S., Vijesh Joe C., Manthiramoorthy C., Satheesh Kumar K.	ReliefF based feature selection and Gradient Squirrel search Algorithm enabled Deep Maxout Network for detection of heart disease	Biomedical Signal Processing and Control	87				5.1	10.1016/j.bspc.2023.105446
919	Babu P., Verma V., Khadanga S.S., Yadav S.K., Kumar D.B., Gupta A.	Exploring the association between air pollution and spontaneous abortion through systematic review and bibliometric analysis	Air Quality, Atmosphere and Health					5.1	10.1007/s11869-023-01491-1
920	Allam J.P., Sahoo S.P., Ari S.	Multi-stream Bi-GRU network to extract a comprehensive feature set for ECG signal classification	Biomedical Signal Processing and Control	92				5.1	10.1016/j.bspc.2024.106097
921	Sharen H., Jawahar M., Jani Anbarasi L., Ravi V., Saleh Alghamdi N., Suliman W.	FDUM-Net: An enhanced FPN and U-Net architecture for skin lesion segmentation	Biomedical Signal Processing and Control	91				5.1	10.1016/j.bspc.2024.106037
922	Chawla T., Mittal S., Azad H.K.	MobileNet-GRU fusion for optimizing diagnosis of yellow vein mosaic virus	Ecological Informatics	81				5.1	10.1016/j.ecoinf.2024.102548

923	Gao J., Li P., Laghari A.A., Srivastava G., Gadekallu T.R., Abbas S., Zhang J.	Incomplete Multiview Clustering via Semidiscrete Optimal Transport for Multimedia Data Mining in IoT	ACM Transactions on Multimedia Computing, Communications and Applications	20	6			5.1	10.1145/3625548
924	Nagachandrika B., Prasath R., Praveen Joe I.R.	An automatic classification framework for identifying type of plant leaf diseases using multi-scale feature fusion-based adaptive deep network	Biomedical Signal Processing and Control	95				5.1	10.1016/j.bspc.2024.106316
925	Rajasekar S.S., Balamurugan R.	GoldenFish Sentinel feature selection with SBM classifier for automatic seizure detection from EEG data	Biomedical Signal Processing and Control	95				5.1	10.1016/j.bspc.2024.106327
926	Rajesh Kumar T., Enireddy V., Kalai Selvi K., Shahid M., Vijendra Babu D., Sudha I.	Fractional chef based optimization algorithm trained deep learning for cardiovascular risk prediction using retinal fundus images	Biomedical Signal Processing and Control	94				5.1	10.1016/j.bspc.2024.106269
927	Selvaraj V.K., Subramanian J., Suyambulingam I., Viswanath S., Jayamani E., Siengchin S.	Influence of bio-based kenaf polymer composites on mechanical and acoustic properties for futuristic applications: An initiative towards net-zero carbon emissions	Polymer Testing	134				5.1	10.1016/j.polymertesting.2024.108409

928	Mishra S., Stany B., Das A., Kanagavel D., Vijayan M.	A Comprehensive Review of Membrane Transporters and MicroRNA Regulation in Alzheimer's Disease	Molecular Neurobiology					5.1	10.1007/s12035-024- 04135-2
929	Sam Jeeva Raj E.J., Palaniappan R.	A novel method for movement quality analysis of lower limb joints using surface electromyography signals and k-means clustering technique	Biomedical Signal Processing and Control	95				5.1	10.1016/j.bspc.2024. 106455
930	Samuel B., Hota M.K.	A novel hybrid method for calculating the fetal heart rate from the non-invasive abdominal Electrocardiogram signal	Biomedical Signal Processing and Control	94				5.1	10.1016/j.bspc.2024. 106277
931	Saminathan M., Muthiah S., Parasuraman R., Sarkar D., Mangalampalli K., Perumal S.	Realizing low thermal conductivity in Cr-doped nanostructured higher manganese silicide	Ceramics International					5.1	10.1016/j.ceramint.2 024.06.176
932	Mohapatra S., Barman R., Das T.K., Badapanda T., Huang Y., Xiao J., Tripathy S.N.	Structure property correlation of (1-x)MgTiO ₃ - xSrTiO ₃ microwave dielectric ceramics for dielectric resonator antenna applications	Ceramics International					5.1	10.1016/j.ceramint.2 024.05.390
933	Kapte I.S., Niyogi S., Qureshi P.J., Khade V., Avanish Babu T., Siva kumar K.V., Madhuri W.	Microwave assisted cobalt nickel ferrite as exhaust thrust sensor and EMI shield	Ceramics International					5.1	10.1016/j.ceramint.2 024.05.376

934	Papitha R., Hadkar V., Sishu N.K., Arunagiri S., Roopan S.M., Selvaraj C.I.	Green synthesis of CuO/TiO ₂ and ZnO/TiO ₂ nanocomposites using Parkia timoriana bark extract: Enhanced antioxidant and antidiabetic activities for biomedical applications	Ceramics International					5.1	10.1016/j.ceramint.2024.07.277
935	Sasithradevi A., Arumuga Perumal D., Persiya J.	Infrared Perspectives: Computing laptop energy dissipation via thermal imaging and the Stefan-Boltzmann equation	Thermal Science and Engineering Progress	53				5.1	10.1016/j.tsep.2024.102742
936	Thaha S.K.S.M., Pugazhenthiran N., Sathishkumar P., Govinda raj M., Perarasu V.T., Kumaresan R., Assiri M.A., Selvaraj M.	Peroxy monosulphate activation by ultra-small Ni@NiFe ₂ O ₄ /ZnO magnetic nanocomposites for solar photocatalytic degradation of β -lactam antibiotic - cefadroxil	Ceramics International					5.1	10.1016/j.ceramint.2024.06.417
937	Sowmiya C., Kumar B.R.	Numerical investigation of magnetic field and radiative heat flux on rheological behavior of Williamson nanofluid in a stretching cylinder	Thermal Science and Engineering Progress	53				5.1	10.1016/j.tsep.2024.102772
938	Ramya V., Marimuthu R.	A review on multi-input converters and their sources for fast charging of electric vehicles	Engineering Science and Technology, an International Journal	57				5.1	10.1016/j.jestch.2024.101802

939	Jose J., Kumar Hotta T.	Thermal performance analysis and optimization of a heat pipe-based electronic thermal management system using experimental data-driven neuro-genetic technique	Thermal Science and Engineering Progress	54					5.1	10.1016/j.tsep.2024.102860
940	Sarada Devi C.H.; Sahaaya Arul Mary S.A.; Karthikeyan N.; Varalakshmi S.; Talasila V.; Rama Naidu G.	Graph neural network-based multiscale thermal modeling for heterogeneous materials with complex structures	Thermal Science and Engineering Progress	55					5.1	10.1016/j.tsep.2024.102983
941	Sonar V.A.; Kulkarni A.A.; Sonar P.; Dubal D.P.	Covalent Organic Frameworks (COFs): A New Class of Materials for Multivalent Metal-Ion Energy Storage Systems	Batteries and Supercaps	0	0	0	0		5.1	10.1002/batt.202400537
942	Shukla R.; Yadav M.K.; Madruga L.Y.C.; Jayaraj J.; Popat K.; Wang Z.; Xi L.; Prashanth K.G.	A novel Ti-eggshell-based composite fabricated by combined additive manufacturing-powder metallurgical routes as bioimplants	Ceramics International	0	0	0	0		5.1	10.1016/j.ceramint.2024.12.073
943	Priyanka E A.; Vijaya J.J.; Kennedy L.J.	Rational design of CuNd _{1.9} Dy _{0.1} O ₄ anchored on carbon nanotubes as an efficient sonophotocatalyst for pollutant degradation	Ceramics International	0	0	0	0		5.1	10.1016/j.ceramint.2024.11.430
944	Ghosh S.; Bhowmick A.; Roy S.D.; Kundu S.	UAV-RIS Enabled NOMA Network for Disaster Management with Hardware Impairments	IEEE Transactions on Aerospace and Electronic Systems	60	6	7995	8009		5.1	10.1109/TAES.2024.3421177

945	Vasanth S., Muthuramalingam T., Surya Prakash S., Shriman Raghav S., Logeshwaran G.	Implementation and performance analysis of combined SOD and PWM control in diode based laser beam machining process on leather specimen	Optics and Laser Technology	169				5	10.1016/j.optlastec.2023.110093
946	Karthik D., Deshmukh K., Praveenkumar K., Swaroop S.	Laser peening induced mitigation of severe pitting corrosion in titanium stabilized 321 steel	Optics and Laser Technology	172				5	10.1016/j.optlastec.2023.110537
947	Todkar U., M S., B S.P., NarendraKumar U., A M., A R.A.	Investigating the impact of heat treatment on the tribological behaviour of AZ80 magnesium alloy at high temperatures	Results in Engineering	21				5	10.1016/j.rineng.2023.101661
948	Mukherjee A.G., Valsala Gopalakrishnan A., Mukherjee A.	The application of nanomaterials in designing promising diagnostic, preservation, and therapeutic strategies in combating male infertility: A review	Journal of Drug Delivery Science and Technology	92				5	10.1016/j.jddst.2024.105356
949	Kumar S., Kumar D., Singh S.R.	Gated Recursive and Sequential Deep Hierarchical Encoding for Detecting Incongruent News Articles	IEEE Transactions on Computational Social Systems	11	1	1023	1034	5	10.1109/TCSS.2023.3247445
950	Loganathan S., Ramakrishnan D., Sathiyamoorthy M., Azamathulla H.M.	Assessment of irrigational suitability of groundwater in Thanjavur district, Southern India using Mamdani fuzzy inference system	Results in Engineering	21				5	10.1016/j.rineng.2024.101789

951	Suhail S., Das S., Saha S.	Oblique wave trapping in a two-layer fluid: Effect of wave blocking	Ocean Engineering	295				5	10.1016/j.oceaneng.2024.116982
952	Anand S., Usha Rani M.	Experimental and theoretical exploration of the new stilbazolium-family single crystal grown by the integration of a novel anion for optical limiting and optoelectronic applications	Materials Advances					5	10.1039/d3ma00988b
953	Kumar S., Raghupathy R., Vittadello M.	Peristaltic Ion-Conduction Mechanism in Sodium Polymer Electrolytes Based on Perfluoropolyethers, DMSO, and Sodium Bis(trifluoromethanesulfonyl)imide	ACS Applied Polymer Materials	6	4	2093	2106	5	10.1021/acsapm.3c02123
954	Hernández J.G., Aguilar C.A.H., Narayanan J., Flores E.D.T., Thangarasu P., Ramírez A.H., Shanmugam K., Martinez M.M.L.	Effect of metal ions in the electron-transfer mechanism on the photovoltaic performance of SALPHEN-based DSSC: experimental and theoretical studies	Materials Advances					5	10.1039/d3ma00982c
955	Rajagopalan A., Swaminathan D., Bajaj M., Damaj I., Rathore R.S., Singh A.R., Blazek V., Prokop L.	Empowering power distribution: Unleashing the synergy of IoT and cloud computing for sustainable and efficient energy systems	Results in Engineering	21				5	10.1016/j.rineng.2024.101949

956	Babu G.V., Patel D.K.	Performance analysis of a Savonius hydrokinetic turbine with aerodynamic blade shape and different overlap ratios: A numerical flow-driven approach	Ocean Engineering	304				5	10.1016/j.oceaneng.2024.117868
957	Dora R.R., Mondal R., Mohanty S.K.	Wave trapping by porous breakwater near a wall under the influence of ocean current	Ocean Engineering	303				5	10.1016/j.oceaneng.2024.117820
958	Kanniyappan S., Selvaraj S.K.	Exploration of Voids, Acoustic Properties and Vibration Damping Ratio of Cyperus Pangorei Rottb Fiber and Ramie Fiber Reinforced with Epoxy Resin Hybrid Composites	Polymers	16	6			5	10.3390/polym16060832
959	Chakraborty D., Polisetty A., Nunkoo R., Rana N.P.	What drives tourists towards sustainable behaviour? A longitudinal study	Asia Pacific Journal of Tourism Research	29	3	352	374	5	10.1080/10941665.2024.2324178
960	Goswami M., Paul P., Pandya C., Nongkhlaw R., Dutta A., Kumari J., Sriram D., Sivaramakrishna A., Nongkhlaw R.	Photocatalytic activity of Rose Bengal encapsulated in zeolitic imidazolate framework-8 (RB@ZIF-8): an innovative approach for the one pot synthesis of highly functionalized tetrahydropyridines and study of their anti-tubercular activity	Catalysis Science and Technology					5	10.1039/d4cy00218k

961	Rosaline I., Shastry P., Venkatesan R., Tamilarasan I.	Design and optimization of a miniaturized dual band rectenna for wireless power transfer applications	Results in Engineering	22				5	10.1016/j.rineng.2024.102199
962	B P., P P.	TwI-FTM: Two-way IoT-FoG trust management scheme for task offloading in IoT-FoG networks	Results in Engineering	22				5	10.1016/j.rineng.2024.102197
963	Sharmila A., Roopan S.M., Selvaraj C.I.	Natural carbon incorporated ZnO/C and ZnO: Sustainable nanomaterials for antioxidant, toxicity and cytotoxicity investigations	Journal of Drug Delivery Science and Technology	96				5	10.1016/j.jddst.2024.105731
964	Rajan A., Ameen F., Jambulingam R., Shankar V.	Biodegradation of Polyurethane by Fungi Isolated from Industrial Wastewater—A Sustainable Approach to Plastic Waste Management	Polymers	16	10			5	10.3390/polym16101411
965	Gupta S., Roy D., Bose S., Dixit V., Kumar A.	Illuminating the future: A comprehensive review of visible light communication applications	Optics and Laser Technology	177				5	10.1016/j.optlastec.2024.111182
966	Rajakumar K.D., Mohan J.	A systematic review on effect of music intervention on cognitive impairment using EEG, fMRI, and cognitive assessment modalities	Results in Engineering	22				5	10.1016/j.rineng.2024.102224

967	Jhariat P., Panda T.	Recent advancement in viologen functionalized porous organic polymers (vPOPs) for energy and environmental remediation	Materials Advances	5	10	4055	4077	5	10.1039/d4ma00182f
968	Mali S.D., Agilandeewari L.	DeepSecure watermarking: Hybrid Attention on Attention Net and Deep Belief Net based robust video authentication using Quaternion Curvelet Transform domain	Egyptian Informatics Journal	27				5	10.1016/j.eij.2024.100514
969	Kirubakaran R., Salunke D.R., Pitchumani S.V., Gopalan V., Sampath A.	Investigation of nano-hBN/natural fibers reinforced epoxy composites for thermal and electrical applications using GRA and ANFIS optimization methods	Polymer Testing	139				5	10.1016/j.polymertesting.2024.108561
970	Murali G.; Kallamalayil Nassar A.; Kathirvel P.; Wong L.S.; Karthikeyan K.; Abid S.R.	Harnessing waste for sustainable construction: A novel synthesizing activators from waste for one-part geopolymer concrete and evaluating its fracture toughness	Theoretical and Applied Fracture Mechanics	134	0	0	0	5	10.1016/j.tafmec.2024.104745
971	Pravin Renold A.	PERS: Personalized environment recommendation system based on vital signs	Egyptian Informatics Journal	28	0	0	0	5	10.1016/j.eij.2024.100580
972	Aguru A.D.; Pandey A.; Erukala S.B.; Bashir A.K.; Zhu Y.; Kaluri R.; Gadekallu T.R.	Reliable-RPL: A Reliability-Aware RPL Protocol Using Trust-Based Blockchain System for Internet of Things	IEEE Transactions on Reliability	0	0	0	0	5	10.1109/TR.2024.3508652

973	Bajpayee N., Pophali S., Vijayakanth T., Nandi S., Desai A.V., Kumar V., Jain R., Bera S., Shimon L.J.W., Misra R.	Metal-driven folding and assembly of a minimal β -sheet into a 3D-porous honeycomb framework	Chemical Communications					4.9	10.1039/d3cc05185d
974	Suthagar K.S., Mishra U.	Sustainable green circular economic model with controllable waste and emission in healthcare system	Environment, Development and Sustainability					4.9	10.1007/s10668-023-04254-1
975	Sambasivam K.M., Devarajulu C., ShenaviGhode R.G., Verma R.S., Kuppan P., Sudharsanam A.	Comprehensive analysis of in-situ transesterification for madhuca biodiesel: from synthesis to life cycle assessment	Environment, Development and Sustainability					4.9	10.1007/s10668-024-04600-x
976	Dsilva Winfred Rufuss D., Sonu Ashritha K.S., Suganthi L.	Green energy revolution: A unique approach for energy forecasting and optimization towards sustainable energy planning and social development	Environment, Development and Sustainability					4.9	10.1007/s10668-024-04826-9
977	K. R., Rajagopal S., Kulkarni M.B., Poddar H.	A hyperdimensional framework: Unveiling the interplay of RBP and GSN within CNNs for ultra-precise brain tumor classification	Biomedical Signal Processing and Control	96				4.9	10.1016/j.bspc.2024.106565

978	Pandiyaraju V., Ganapathy S., Senthil Kumar A.M., Jeshu Joshua M., Ragav V., Sree Dananjay S., Kannan A.	A new clinical diagnosis system for detecting brain tumor using integrated ResNet_Stacking with XGBoost	Biomedical Signal Processing and Control	96				4.9	10.1016/j.bspc.2024. 106436
979	Chaudhary U., Banerjee S.	Decoding the Non-coding: Tools and Databases Unveiling the Hidden World of “Junk” RNAs for Innovative Therapeutic Exploration	ACS Pharmacology and Translational Science					4.9	10.1021/acsptsci.3c0 0388
980	Rengasamy M., Rajaram K.	Augmenting interfacial solar steam generation using 3D- printed hollow honeycomb structured pattern filled with rGO decorated natural fibres	Colloids and Surfaces A: Physicochemical and Engineering Aspects	702				4.9	10.1016/j.colsurfa.2 024.135153
981	Gomathi T., Suganya R., Joseph J.J., Pandiaraj S., Alibrahim K.A., Alodhayb A.N., Rajakumar G., Viswanathan D., Thiruvengadam M., Shobha K., Durán-Lara E.F., Vijayakumar S.	Development and evaluation of biodegradable alginate beads loaded with sorafenib for cancer treatment	Colloids and Surfaces A: Physicochemical and Engineering Aspects	702				4.9	10.1016/j.colsurfa.2 024.135083
982	D. E.D., M. S.	Weight optimized fixed and variable step-size adaptive filters for fetal ECG extraction	Biomedical Signal Processing and Control	98				4.9	10.1016/j.bspc.2024. 106733

983	Goswami K., Tetala K.K.R.	Fabrication of an IgG-imprinted monolith micro-solid phase extraction chip for IgG extraction from human plasma	Microchemical Journal	206				4.9	10.1016/j.microc.2024.111646
984	Balaji G.N., R. V.	Optimized Pyramidal Convolution Shuffle attention neural network based fetal cardiac cycle detection from echocardiograms	Biomedical Signal Processing and Control	98				4.9	10.1016/j.bspc.2024.106701
985	P Sivaraman S., Srinivasan P., Madhu D.K., Kattela B., Sengupta P., Patra P.P., Doulo L., Nagarajan S., K Chinaraga P., Deivasigamani P., Mohan A.M.	Chromoionophoric probe decorated porous polymer monolithic scaffold as solid-state colorimetric sensor and concentrator for target specific capturing of ultra-trace copper and cobalt ions	Colloids and Surfaces A: Physicochemical and Engineering Aspects	703				4.9	10.1016/j.colsurfa.2024.135209
986	Achankunju P.; Dash S.K.	Joint extended Kalman filter-based parameter estimation in networked SEIR models with stochastic variability: analysis using COVID-19 daily data from southern India	International Journal of Systems Science	0	0	0	0	4.9	10.1080/00207721.2024.2435570
987	Bhuvaneswari C.; Palpandi K.; Hariprasad B.S.; Dhayanithi C.A.; Raman N.; Prakash P.; Ganesh Babu S.	Deciphering versatile electrode materials in the electrochemical progressive processes for flutamide detection: A systematic review	Microchemical Journal	207	0	0	0	4.9	10.1016/j.microc.2024.112244

988	Vignesh K., Senthil Kumar A., Arumugam Napoleon A., Kuo C.-Y., Yusuf K., Govindasamy M.	Ultrasensitive detection of ornidazole–antibiotic drug residues in water using NiMOFs functionalized MWCNT modified electrode	Microchemical Journal	197				4.8	10.1016/j.microc.2024.109908
989	Anjila P.K F., Tharani G.R., Sundaramoorthy A., Kumar Shanmugam V., Subramani K., Chinnathambi S., Pandian G.N., Raghavan V., Grace A.N., Ganesan S., Rajendiran M.	An ultra-sensitive detection of Melamine in milk using Rare-earth doped Graphene Quantum Dots- Synthesis and Optical Spectroscopic approach	Microchemical Journal	196				4.8	10.1016/j.microc.2023.109670
990	Enbanathan S., Iyer Sathiyarayanan K.	The catalyst free synthesis of dibenzo[a,j]acridine and its applications in bioimaging of BF3 in HeLa cells	Methods	221		65	72	4.8	10.1016/j.ymeth.2023.11.012
991	Innan N., Sawaika A., Dhor A., Dutta S., Thota S., Gokal H., Patel N., Khan M.A.-Z., Theodonis I., Bennai M.	Financial fraud detection using quantum graph neural networks	Quantum Machine Intelligence	6	1			4.8	10.1007/s42484-024-00143-6
992	Dua A., Saini P., Goyal S., Selvam P., Ashok Kumar S.K., Thiruppathi G., Sundararaj P., Sharma H.K., Kumar Ramasamy S.	Chromene-chromene Schiff base as a fluorescent chemosensor for Th4+ and its application in bioimaging of Caenorhabditis elegans	Methods	225		28	37	4.8	10.1016/j.ymeth.2024.03.002

993	Ajithkumar M., Kuharat S., Anwar Bég O., Sucharitha G., Lakshminarayana P.	Catalytic effects on peristaltic flow of Jeffrey fluid through a flexible porous duct under oblique magnetic field: Application in biomimetic pumps for hazardous materials	Thermal Science and Engineering Progress	49				4.8	10.1016/j.tsep.2024. 102476
994	Krishnasamy R., Natesh R., Obbineni J.M.	Efficient ROS Scavenging Improves the Growth and Yield in Black Gram (Vigna mungo (L.) Hepper) after Seed Priming and Treatment using Biosynthesized Silver Nanoparticles with Pongamia pinnata (L.) Pierre Leaf Extract	Journal of Plant Growth Regulation					4.8	10.1007/s00344-024- 11276-0
995	Baskar A., Xavier M.A., Jeyapandiarajan P., Batako A., Burduk A.	A novel two-phase trigonometric algorithm for solving global optimization problems	Annals of Operations Research					4.8	10.1007/s10479-024- 05837-5
996	Kanimozhi T., Sridevi S., Valliammai M., Mohanraj J., Vinodhkumar N., Sathasivam A.	Behavior prediction of fiber optic temperature sensor based on hybrid classical quantum regression model	Quantum Machine Intelligence	6	1			4.8	10.1007/s42484-024- 00150-7
997	Boopalan V., Kumar Arumugam S., Rajesh Kanna P.	Effect of operating regimes on the heat transfer and buoyancy characteristics of supercritical CO2 natural circulation loop - A numerical study	Thermal Science and Engineering Progress	50				4.8	10.1016/j.tsep.2024. 102579

998	Karthikeyan B., Praveen Kumar G., Saravanan R., Coronas A., Narayanan R., Girimurugan R.	Solar powered cascade system for sustainable deep- freezing and power generation - exergoeconomic evaluation and multi- objective optimization for tropical regions	Thermal Science and Engineering Progress	50				4.8	10.1016/j.tsep.2024. 102552
999	Srivathsa S.S.A., Chaudhari J.A., Muralidharan B.	Experimental investigation of turning AISI D2 steel using sillimanite (Al ₂ SiO ₅)	Materials and Manufacturing Processes					4.8	10.1080/10426914.2 024.2334676
1000	Appu Mini A., Raghavan V.	Mxene-derived Na ₂ O ₇ Ti ₃ nanoribbon as a promising electrode material for the detection of ethyl paraoxon in complex matrices	Microchemical Journal	201				4.8	10.1016/j.microc.20 24.110674
1001	Mini A.A., Chakravorty A., Das S., Awasthi S., Grace A.N., Pandey S.K., Raghavan V.	CuO nanoparticles passivated 2D MXene-based voltammetric sensor for detecting environmental hazardous pollutant	Microchemical Journal	201				4.8	10.1016/j.microc.20 24.110648
1002	Vaishali K., Rama Prabha D.	Quantitative assessment of charging ports in EV charging stations from reliability and economic perspective in the distribution system	Sustainable Energy, Grids and Networks	39				4.8	10.1016/j.segan.202 4.101442
1003	Arun Kumar M., Selvaraj S.K., Kanniyappan S., Karthikeyan B., Chadha U.	Effects of adding nanodiamonds in mechanical properties of jute and ramie fiber reinforced epoxy composites	Polymer Composites					4.8	10.1002/pc.28605

1004	Varghese A.S., Sreekanth M.S.	Effect of molybdenum disulfide functionalized multiwalled carbon nanotubes based hybrid on morphology, mechanical and thermal properties of epoxy nanocomposites	Polymer Composites					4.8	10.1002/pc.28595
1005	Basu R., Noor A.	Development of alginate-based encapsulation of enriched polyphenols from <i>Desmodium gangeticum</i> leaves: Characterization, stability, in-vitro release study and biological activities	Food Bioscience	61				4.8	10.1016/j.fbio.2024.104535
1006	Samarpita S., Srivastava S., Srikanth M., Miriam Jose A., Rithvik A., Rasool M.	IL-17A/IL-17RA interaction blockade sensitizes synovial macrophages to efferocytosis and PD-L1 signaling via rewiring STAT-3/ADAM17/MERTK axis in rheumatoid arthritis animal model	International Immunopharmacology	136				4.8	10.1016/j.intimp.2024.112343
1007	Chaki J., Deshpande G.	Brain Disorder Detection and Diagnosis using Machine Learning and Deep Learning - A Bibliometric Analysis	Current neuropharmacology	22	13			4.8	10.2174/1570159X22999240531160344
1008	Muralidharan N.D., Subramanian J., Rajamanickam S.K., Krishnasamy P., Thiagamani S.M.K., Khan A.	Flame retardant characteristics of natural fibre reinforced polymer composites: A thematic review	Polymer Composites					4.8	10.1002/pc.28699

1009	Vezhavendhan R., Ganesamoorthy R., Suresh G., Madheswaran D.K., Thangamuthu M., Chandramohan P., Rathinasabapathi G.	A Tribological investigation of fly ash particulate-loaded E-glass fiber reinforced interpenetrating polymer network composites	Polymer Composites						4.8	10.1002/pc.28707
1010	Raghul Kannan S., Latha Laxmi I.P., Ahmad S.F., Tamizhselvi R.	Embryonic ethanol exposure induces oxidative stress and inflammation in zebrafish model: A dose-dependent study	Toxicology	506					4.8	10.1016/j.tox.2024.153876
1011	Kumar P., Kumar S.V.	Phyto-mediated synthesis of magnesium doped iron oxide nanoparticles and its eco-friendly application towards agriculture and environmental remediation	Emergent Materials						4.8	10.1007/s42247-024-00785-z
1012	Naveen Kumar M., Vijaya Kumar K.R., Suresh G., Chinnathambi Muthukaruppan M., Vezhavendhan R., Chandramohan P., Rathinasabapathi G.	A study on: Impact on novel clay dispersion on mechanical, thermal and vibration properties of glass fiber-reinforced interpenetrating polymer networks (IPNs) hybrid composites	Polymer Composites						4.8	10.1002/pc.28938
1013	Manobalan S., Bose S., Sumangala T.P.	Effect of cobalt ferrite concentration on the EMI shielding effectiveness of cobalt ferrite/graphene based epoxy composites	Polymer Composites						4.8	10.1002/pc.28871

1014	Nandhini G., Vignesh D., Shobana M.K., Pazhanivel T., Kavita S., Balaji P.	Graphene-decorated magnetic cobalt ferrite for effective UV-accelerated photocatalytic degradation of methylene blue: experimental and theoretical insights by DFT	Emergent Materials					4.8	10.1007/s42247-024-00799-7
1015	Kheto A., Manikpuri S., Sarkar A., Das R., Bebartta R.P., Kumar Y., Bist Y., Vashishth R., Sehrawat R.	How pulse electric field treatment affects anti-nutritional factors and plant protein digestibility: A concise review	Food Bioscience	61				4.8	10.1016/j.fbio.2024.104849
1016	Sashmitha K., Rani M.U.	Optimizing ion transport, mechanical integrity, and thermal stability: poly (propylene carbonate)/poly (vinylidene fluoride) blend electrolytes for electrochemical applications	Emergent Materials					4.8	10.1007/s42247-024-00797-9
1017	Shyam M., Sabina E.P.	Harnessing the power of Arctium lappa root: a review of its pharmacological properties and therapeutic applications	Natural Products and Bioprospecting	14	1			4.8	10.1007/s13659-024-00466-8
1018	Dhilipkumar T., Venkatesan R., Hiremath V.S., Kesavan S., Karuppusamy P., Shankar K.V., Alduhaish O.	Enhancing structural performance of 3D-printed adhesively bonded flat-joggle-flat polymer joints with graphene-reinforced adhesive	Polymer Composites					4.8	10.1002/pc.29037

1019	Subiksha V.S., Palanisami N.	Investigation of dual properties of nonlinear optics and aggregation-induced emission studies with theoretical validation for ferrocene biphenyl appended indanedione chromophores	Emergent Materials					4.8	10.1007/s42247-024-00844-5
1020	Mishra A B., Tomer V., Kumar A.	Karonda (<i>Carissa carandas</i> L.): A miracle fruit with multifaceted potential	Journal of Agriculture and Food Research	18				4.8	10.1016/j.jafr.2024.101417
1021	Goswami A.; Aizpurua J.I.	Reliability-aware techno-economic assessment of floating solar power systems	Sustainable Energy, Grids and Networks	40				4.8	10.1016/j.segan.2024.101536
1022	Beyanagari S.R.; Kandasamy J.; Arulvel S	Influence of MoS ₂ nanoparticles on tribo-mechanical characteristics of stir-squeeze cast AA7075/MoS ₂ metal matrix composites	Emergent Materials					4.8	10.1007/s42247-024-00872-1
1023	Varughese J.J.; Sreekanth M.S.	Influence of silane and polyethylene glycol functionalization of boron nitride nanosheets on mechanical and thermal properties of epoxy nanocomposites: Machine and deep learning forecasting	Polymer Composites					4.8	10.1002/pc.29098
1024	Sandhiya E.; Madeswaran S.; Karthikeyan S.	A new mucilage-based biopolymer (<i>Hybanthus enneaspermus</i>) electrolyte for electrochemical applications	Emergent Materials	0	0	0	0	4.8	10.1007/s42247-024-00895-8

1025	Kumaravelu P.; Kandasamy J.; Kailasamani S.; Pillai U.T.G.	Effect of stacking sequence on the mechanical and tribological properties of hybrid natural fibers composites reinforced with nano-hBN and steel mesh	Emergent Materials	0	0	0	0	4.8	10.1007/s42247-024-00894-9
1026	Sakkaravarthi K.; Bala Anki Reddy P.; Sakthi I.	Entropy optimization in Casson tetra-hybrid nanofluid flow over a rotating disk with nonlinear thermal radiation: a Levenberg-Marquardt neural network approach	Journal of Computational Design and Engineering	11	5	333	354	4.8	10.1093/jcde/qwae086
1027	Gobi R.; Babu R.S.; Rani M.U.; Gothandam K.M.; Prakash J.; Venkatasubbu G.D.	Investigating the effect of antibacterial cerium oxide nanoparticles embedded in biodegradable PVA/chitosan films for wound healing application: an in-vitro study	Emergent Materials	0	0	0	0	4.8	10.1007/s42247-024-00922-8
1028	Malhan A.H.; Job N.; Francis A.M.; Thamim M.; Viswanathan G.; Raja P.B.; Ashok Kumar S.K.; Thirumoorthy K.	Systematic Computational Approaches on Biosorption of Fluoride on Chitin: Crossover from Conventional to Short and Strong Hydrogen Bonds	ACS ES and T Water	4	12	5377	5386	4.8	10.1021/acsestwater.4c00496
1029	Hiremath V.S.; Reddy D.M.; Palaniappan S.K.; Mutra R.R.; Siengchin S.; Venkatachalam G.	Analysis on the effect of sodium hydroxide treatment and graphene nanoparticle reinforcement on the shear behavior and modal analysis of glass fibre reinforced polymer flat-joggle-flat composite joints	Polymer Composites	0	0	0	0	4.8	10.1002/pc.29306

1030	Karthikeyan N.; Naveen J.	Enhanced flexural and vibration behavior of interleaved CFRP composite joints with modified multiwalled carbon nanotube adhesives for aerospace and aircraft applications	Polymer Composites	0	0	0	0	4.8	10.1002/pc.29357
1031	Aisha Begum M.; Swamy T.N.V.R.L.	Harnessing Green Intellectual Capital for Sustainable Development: The Dynamic Capabilities Approach to Environmental Policy	Business Strategy and Development	7	4	0	0	4.8	10.1002/bsd2.70041
1032	Poojary J., Rajamohan V.	Nonlinear free vibration analysis of internal thickness-tapered multi-layered composite rectangular plates undergoing moderately large deflections	Journal of Sound and Vibration	572				4.7	10.1016/j.jsv.2023.118159
1033	Priyanka T.M.C., Serpa C., Gowrisankar A.	α -FRACTAL FUNCTION WITH VARIABLE PARAMETERS: AN EXPLICIT REPRESENTATION	Fractals					4.7	10.1142/S0218348X24400085
1034	Ramya J.B., Alur S.	The Mediating Role of Parasocial Relationship in Customer Services Chatbots Among Millennials and Gen Z Population	International Journal of Human-Computer Interaction					4.7	10.1080/10447318.2024.2306438

1035	Du Q., Subramanian M., Pan D.	Human-Computer Interaction Corporate Law Education for Directors: A Machine Learning Approach	International Journal of Human-Computer Interaction					4.7	10.1080/10447318.2023.2301251
1036	Manikandan R., A. R.A.	Influence of Cobalt content on the microstructure and texture evolution of hot-press sintered Tungsten nickel copper Alloy (W-Ni-Cu)	Materials Characterization	210				4.7	10.1016/j.matchar.2024.113828
1037	R M., A R.A.	Effect of Mn addition in W-Ni-Cu heavy alloy processed through hot press sintering techniques on microstructure, microtexture and grain boundary character evolution	Materials Characterization	210				4.7	10.1016/j.matchar.2024.113808
1038	Illakiya T., Karthik R., For the Alzheimer's Disease Neuroimaging Initiative	A deep feature fusion network with global context and cross-dimensional dependencies for classification of mild cognitive impairment from brain MRI	Image and Vision Computing	144				4.7	10.1016/j.imavis.2024.104967
1039	Venkatesan H.M., Arun A.P.	Nickel-Oxide-Doped Polyvinylidene Fluoride Nanofiber-Based Flexible Triboelectric Nanogenerator for Energy Harvesting and Healthcare Monitoring Applications	ACS Applied Electronic Materials	6	2	1161	1173	4.7	10.1021/acsaelm.3c01551

1040	George S.C., Tolakanahalli R., Aguirre S., Kim T.P., Samuel E.J.J., Mishra V.	A single-institution experience with ¹⁷⁷ Lu RPT workflow improvements and qualifying the SPECT/CT imaging for dosimetry	Frontiers in Oncology	14				4.7	10.3389/fonc.2024.1 331266
1041	Sitaaraman S.R., Grace A.N., Zhu J., Sellappan R.	Photoelectrochemical performance of a nanostructured BiVO ₄ /NiOOH/FeOOH–Cu ₂ O/ CuO/TiO ₂ tandem cell for unassisted solar water splitting	Nanoscale Advances					4.7	10.1039/d4na00088 a
1042	Mishra A.H., Mohan S., Gutti P., Krishna S., Sundaraman S., Chakraborti S., Jaiswal A.K., Nambi Raj N.A., Mishra D.	Bioselective and Radiopaque Zinc-Biopolymeric Complex- Based Porous Biomaterials Promote Mammalian Tissue Ingrowth In Vivo While Inhibiting Microbial Biofilm Gene Expression and Biofilm Formation	ACS Applied Bio Materials					4.7	10.1021/acsbm.4c0 0013
1043	Kamalakannan M., Rajendran D., Thomas J., Chandrasekaran N.	Synergistic impact of nanoplastics and nanopesticides on Artemia salina and toxicity analysis	Nanoscale Advances					4.7	10.1039/d4na00013 g
1044	Mohamed Jasim K., Malathi A.	Does Surgical Robot Know What It's Doing? Understanding Patient Fear and Anxiety	International Journal of Human- Computer Interaction					4.7	10.1080/10447318.2 024.2344148

1045	Shanmugam A., KVN K., Radhabai P.R., Natarajan S., Imoize A.L., Ojo S., Nathaniel T.I.	HO-SsNF: heap optimizer-based self-systematized neural fuzzy approach for cervical cancer classification using pap smear images	Frontiers in Oncology	14				4.7	10.3389/fonc.2024.1264611
1046	Krishnapriya S., Karuna Y.	A deep learning model for the localization and extraction of brain tumors from MR images using YOLOv7 and grab cut algorithm	Frontiers in Oncology	14				4.7	10.3389/fonc.2024.1347363
1047	Fariz T.K.N., Basha S.S.	Enhancing solar radiation predictions through COA optimized neural networks and PCA dimensionality reduction	Energy Reports	12		341	359	4.7	10.1016/j.egyr.2024.06.025
1048	A J., M V., P P.	CERMF-Net: A SAR-Optical Feature Fusion for Cloud Elimination From Sentinel-2 Imagery Using Residual Multi-Scale Dilated Network	IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing			1	9	4.7	10.1109/JSTARS.2024.3411032
1049	Sundaram K., Sri Preethaa K.R., Natarajan Y., Muthuramalingam A., Ali A.A.Y.	Advancing building energy efficiency: A deep learning approach to early-stage prediction of residential electric consumption	Energy Reports	12		1281	1292	4.7	10.1016/j.egyr.2024.07.034

1050	Venkatesh A.T., Rajkumar S., Masilamani U.S.	Assessment of groundwater quality using water quality index, multivariate statistical analysis and machine learning techniques in the vicinity of an open dumping yard	Environment, Development and Sustainability					4.7	10.1007/s10668-024-05209-w
1051	Sakthivel A.R., Vimal K.E.K., Kandasamy J., Shiva S.N., Jayanth G., Nishanth A.S., Kumar D.V.	Multi-objective artificial bee colony algorithm for reducing carbon emission and maximizing profit in a circular supply chain network	Environment, Development and Sustainability					4.7	10.1007/s10668-024-05233-w
1052	Stella S.M.M., Rama M., Sridhar T.M., Vijayalakshmi U.	Optimization of Biologically Inspired Electrospun Scaffold for Effective Use in Bone Regenerative Applications	Polymers	16	14			4.7	10.3390/polym16142023
1053	O.V. G.S., Karthikeyan A., Karthikeyan K., Sanjeevikumar P., Karapparambil Thomas S., Babu A.	Critical review Of SCADA And PLC in smart buildings and energy sector	Energy Reports	12		1518	1530	4.7	10.1016/j.egy.2024.07.041
1054	K K., P P.	Analysis of cell balancing of Li-ion batteries with dissipative and non-dissipative systems for electric vehicle applications	Energy Reports	12		2408	2428	4.7	10.1016/j.egy.2024.08.023

1055	Kumba K., Upender P., Buduma P., Sarkar M., Simon S.P., Gundu V.	Solar tracking systems: Advancements, challenges, and future directions: A review	Energy Reports	12		3566	3583	4.7	10.1016/j.egyr.2024.09.038
1056	N.B. S.; D S.	A novel Beluga Whale Optimization for maximum power tracking in photovoltaic systems under shading and non-shading conditions	Energy Reports	12		4352	4373	4.7	10.1016/j.egyr.2024.10.010
1057	Sheikh T.M.; Muthoosamy K.; Jaganathan J.; Anwar M.P.; Raza A.; Chan A.; Mohammed A.A.; Him K.S.; Zheng W.C.	Chemical interference between graphene oxide and polycarboxylate superplasticizer, and the resulting impact on the concrete strength, workability, and microstructure	Journal of Sustainable Cement-Based Materials					4.7	10.1080/21650373.2024.2411303
1058	Settu P.; Ramaiah M.	Estimation of Sentinel-1 derived soil moisture using modified Dubois model	Environment, Development and Sustainability					4.7	10.1007/s10668-024-05460-1
1059	Ghatuari I.; Kumar N S.	Controller design and optimal sizing of battery energy storage system for frequency regulation in a multi machine power system	Energy Reports	12	0	4757	4776	4.7	10.1016/j.egyr.2024.10.037
1060	Santhiya P.; Das A.	A multi-objective solid transportation model for e-waste recovery in the post-disaster phase under an uncertain environment	Environment, Development and Sustainability	0	0	0	0	4.7	10.1007/s10668-024-05757-1

1061	Anandakrishnan J.; Sundaram V.M.; Paneer P.	STA-AgriNet: A Spatio-Temporal Attention Framework for Crop Type Mapping from Fused Multi-Sensor Multi-Temporal SITS	IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing	0	0	0	0	4.7	10.1109/JSTARS.2024.3510468
1062	Sakthivel K.; Alexander S.A.	An extensive critique on machine learning techniques for fault tolerance and power quality improvement in multilevel inverters	Energy Reports	12	0	5814	5833	4.7	10.1016/j.egy.2024.11.016
1063	Chandrasekaran S.K.; Rajasekaran V.A.	Trust evaluation model in IoT environment: a review	Environment, Development and Sustainability	0	0	0	0	4.7	10.1007/s10668-024-05731-x
1064	Divya K., Indhira K.	Performance analysis and ANFIS computing of an unreliable Markovian feedback queueing model under a hybrid vacation policy	Mathematics and Computers in Simulation	218		403	419	4.6	10.1016/j.matcom.2023.12.004
1065	Chen Y., Cheak T.Z., Jin T.S., Vinita G., Dimiyati K., Harun S.W.	Domain-wall dark pulse generation with SMF-GIMF-SMF structure as artificial saturable absorber	Scientific Reports	14	1			4.6	10.1038/s41598-024-52640-0
1066	Sampath K., Rajagopal S., Chintanpalli A.	A comparative analysis of CNN-based deep learning architectures for early diagnosis of bone cancer using CT images	Scientific Reports	14	1			4.6	10.1038/s41598-024-52719-8
1067	Hussaian Basha C., Palati M., Dhanamjayulu C., Muyeen S.M., Venkatareddy P.	A novel on design and implementation of hybrid MPPT controllers for solar PV systems under various partial shading conditions	Scientific Reports	14	1			4.6	10.1038/s41598-023-49278-9

1068	Kunjiappan S., Ramasamy L.K., Kannan S., Pavadai P., Theivendren P., Palanisamy P.	Optimization of ultrasound-aided extraction of bioactive ingredients from Vitis vinifera seeds using RSM and ANFIS modeling with machine learning algorithm	Scientific Reports	14	1			4.6	10.1038/s41598-023-49839-y
1069	Valarmathy A.S., Prabhakar M.	Non-isolated high gain DC–DC converter with ripple-free source current	Scientific Reports	14	1			4.6	10.1038/s41598-024-51584-9
1070	Dhu-al Shaik A.B., Palla P., Jenkins D.	Electrical tuning of quantum light emitters in hBN for free space and telecom optical bands	Scientific Reports	14	1			4.6	10.1038/s41598-024-51504-x
1071	Elumalai R., Ravi K., Elumalai P.V., Sreenivasa Reddy M., Prakash E., Sekar P.	Development of an ammonia-biodiesel dual fuel combustion engine's injection strategy map using response surface optimization and artificial neural network prediction	Scientific Reports	14	1			4.6	10.1038/s41598-023-51023-1
1072	Rabie O.B.J., Selvarajan S., Hasanin T., Alshareef A.M., Yogesh C.K., Uddin M.	A novel IoT intrusion detection framework using Decisive Red Fox optimization and descriptive back propagated radial basis function models	Scientific Reports	14	1			4.6	10.1038/s41598-024-51154-z
1073	Shruti M.S., Sasmal A., HyukSu H., Nayak A.K.	Facile synthesis of N-doped V2O5@g-C3N4 electrodes for enhanced symmetric supercapacitor application	Materials Chemistry and Physics	314				4.6	10.1016/j.matchemphys.2023.128826

1074	Anagha A., Joshua A., Chacko B., Avanish Babu T., Srigiri S., Madhuri W.	Structural, optical and magnetic properties of MgFe ₂ O ₄ and Ni _{0.5} Zn _{0.5} Fe ₂ O ₄	Materials Chemistry and Physics	313				4.6	10.1016/j.matchemphys.2023.128746
1075	Lakshmanan A., Alex Z.C., Meher S.R.	Experimental and ab initio studies of the structural and optoelectronic properties of hexagonal wurtzite ZnO _{1-x} S _x alloys	Materials Chemistry and Physics	312				4.6	10.1016/j.matchemphys.2023.128674
1076	Manikandan R., Raja Annamalai A.	Crystallographic texture and grain boundary character development of hot-press sintered tungsten heavy alloy: The effect of rhenium concentration	Materials Chemistry and Physics	312				4.6	10.1016/j.matchemphys.2023.128621
1077	Mishra R., Saha T.K.	Predictive Power Control of PMSG based WECS: Development and Implementation for Smooth Grid Synchronisation, Balanced and Unbalanced Grid	Mathematics and Computers in Simulation	215		323	337	4.6	10.1016/j.matcom.2023.08.011
1078	Sharada K.A., Mahesh T.R., Chandrasekaran S., Shashikumar R., Kumar V.V., Annand J.R.	Improved energy efficiency using adaptive ant colony distributed intelligent based clustering in wireless sensor networks	Scientific Reports	14	1			4.6	10.1038/s41598-024-55099-1

1079	Srilakshmi K., Santosh D.T., Ramadevi A., Balachandran P.K., Reddy G.P., Palanivelu A., Colak I., Dhanamjayulu C., Chinthaginjala R.K., Khan B.	Development of renewable energy fed three-level hybrid active filter for EV charging station load using Jaya grey wolf optimization	Scientific Reports	14	1			4.6	10.1038/s41598-024-54550-7
1080	Pavani K., Raghavendar K.	A novel technique to study the solutions of time fractional nonlinear smoking epidemic model	Scientific Reports	14	1			4.6	10.1038/s41598-024-54492-0
1081	Mahaboob Ali A.A., Vishal A., Nelson E.J.R.	Targeting host-virus interactions: in silico analysis of the binding of human milk oligosaccharides to viral proteins involved in respiratory infections	Scientific Reports	14	1			4.6	10.1038/s41598-024-54624-6
1082	Kumari P.A., Basha C.H.H., Puppala R., Fathima F., Dhanamjayulu C., Chinthaginjala R., Mohammad F., Khan B.	Application of DSO algorithm for estimating the parameters of triple diode model-based solar PV system	Scientific Reports	14	1			4.6	10.1038/s41598-024-53582-3
1083	Roopashree S., Anitha J., Challa S., Mahesh T.R., Venkatesan V.K., Guluwadi S.	Mapping of soil suitability for medicinal plants using machine learning methods	Scientific Reports	14	1			4.6	10.1038/s41598-024-54465-3

1084	Mishra M., Acharjya D.P.	A hybridized red deer and rough set clinical information retrieval system for hepatitis B diagnosis	Scientific Reports	14	1			4.6	10.1038/s41598-024-53170-5
1085	Prashanth V., Rafikiran S., Hussaian Basha C.H., Kumar J.A., Dhanamjayulu C., Kotb H., ELrashidi A.	Implementation of high step-up power converter for fuel cell application with hybrid MPPT controller	Scientific Reports	14	1			4.6	10.1038/s41598-024-53763-0
1086	Ramesh Kumar R., Karthik K., Elumalai P.V., Elumalai R., Chandran D., Prakash E., Hassin N.	Enhancing automotive cooling systems: composite fins and nanoparticles analysis in radiators	Scientific Reports	14	1			4.6	10.1038/s41598-024-52141-0
1087	Thirumalasetty A.B., Pamula S., Krishnan T., Khade V., Sharief P., Kota Venkata S.K., Adiraj S., Wuppulluri M.	Energy storage and catalytic behaviour of cmWave assisted BZT and flexible electrospun BZT fibers for energy harvesting applications	Scientific Reports	14	1			4.6	10.1038/s41598-024-52705-0
1088	Prusty M.R., Pandey T.N., Lekha P.S., Lellapalli G., Gupta A.	Scalar invariant transform based deep learning framework for detecting heart failures using ECG signals	Scientific Reports	14	1			4.6	10.1038/s41598-024-53107-y
1089	Ganesan S., Kokulnathan T., Sumathi S., Palaniappan A.	Efficient photocatalytic degradation of textile dye pollutants using thermally exfoliated graphitic carbon nitride (TE-g-C ₃ N ₄)	Scientific Reports	14	1			4.6	10.1038/s41598-024-52688-y

1090	Murugesan M., Meher S.R.	TiO ₂ -ZnO Composite thin films fabricated by Sol-Gel spin coating for room temperature impedometric acetone sensing	Sensors and Actuators A: Physical	369				4.6	10.1016/j.sna.2024.115181
1091	Eswaramoorthy N., Rajendran S., Arjun Kumar B., Nallusamy S., Rengasamy M., Selvaraj Y., Sangaraju S., Krishnan T., Kumaresan G., Rajaram K.	Influence of ZnO/MWCNTs based hybrid electrodes for boosting the performance of photovoltaic and supercapacitor devices	Materials Chemistry and Physics	316				4.6	10.1016/j.matchemphys.2024.129049
1092	Bhadrapriya B.C., Basith S.A., Rahul M.T., Chandrasekhar A., B R., Rouxel D., Kalarikkal N.	Unleashing the potential: Multifunctionality of PVDF-HFP based ternary nanocomposite films - magnetoelectric, energy harvesting and impact sensing performance	Materials Chemistry and Physics	315				4.6	10.1016/j.matchemphys.2024.129057
1093	Selvi R., Maurya D.K., Shukla P., Chamkha A.J.	Analysis of a Reiner-Rivlin liquid sphere enveloped by a permeable layer	Physics of Fluids	36	2			4.6	10.1063/5.0182706
1094	Nagarajan K., Rajagopalan A., Bajaj M., Sitharthan R., Dost Mohammadi S.A., Blazek V.	Optimizing dynamic economic dispatch through an enhanced Cheetah-inspired algorithm for integrated renewable energy and demand-side management	Scientific Reports	14	1			4.6	10.1038/s41598-024-53688-8

1095	Narendra M., Valarmathi M.L., Anbarasi L.J., Gandomi A.H.	Levenberg–Marquardt deep neural watermarking for 3D mesh using nearest centroid salient point learning	Scientific Reports	14	1			4.6	10.1038/s41598-024- 57360-z
1096	Akshay K.C., Grace G.H., Gunasekaran K., Samikannu R.	Power consumption prediction for electric vehicle charging stations and forecasting income	Scientific Reports	14	1			4.6	10.1038/s41598-024- 56507-2
1097	Hayum A.A., Jaya J., Sivakumar R., Paulchamy B.	An efficient breast cancer classification model using bilateral filtering and fuzzy convolutional neural network	Scientific Reports	14	1			4.6	10.1038/s41598-024- 56698-8
1098	Panda S.K., Khan I., Velusamy V., Niazi S.	Enhancing automatic and optimal control systems through graphical structures	Scientific Reports	14	1			4.6	10.1038/s41598-024- 53244-4
1099	Kumar K., Lakshmi Devi V., Dhanamjayulu C., Kotb H., ELrashidi A.	Evaluation and deployment of a unified MPPT controller for hybrid Luo converter in combined PV and wind energy systems	Scientific Reports	14	1			4.6	10.1038/s41598-024- 53605-z
1100	Jyothi K.K., Borra S.R., Srilakshmi K., Balachandran P.K., Reddy G.P., Colak I., Dhanamjayulu C., Chinthaginjala R., Khan B.	A novel optimized neural network model for cyber attack detection using enhanced whale optimization algorithm	Scientific Reports	14	1			4.6	10.1038/s41598-024- 55098-2

1101	Rajeswari J., Jagannath M.	Brain connectivity analysis based classification of obstructive sleep apnea using electroencephalogram signals	Scientific Reports	14	1			4.6	10.1038/s41598-024-56384-9
1102	Jayagopal P., Purushothaman Janaki K., Mohan P., Kondapaneni U.B., Periyasamy J., Mathivanan S.K., Dalu G.T.	A modified generative adversarial networks with Yolov5 for automated forest health diagnosis from aerial imagery and Tabu search algorithm	Scientific Reports	14	1			4.6	10.1038/s41598-024-54399-w
1103	Udupa M.C., Natarajan S., Saha S.	Numerical investigation of elastic stenotic arterial blood flow with a generalized Womersley inlet condition	Physics of Fluids	36	3			4.6	10.1063/5.0192574
1104	Das C., Patel V.D., Gupta D., Mahata P.	Isolation of a Cd-Based Coordination Polymer Containing Mixed Ligands: Time- and Temperature-Dependent Synthesis, Sulfonamide Antibiotics Detection, and Schottky Diode Fabrication	Inorganic Chemistry	63	8	3656	3666	4.6	10.1021/acs.inorgchem.3c03086
1105	Thota C., Jackson Samuel D., Musa Jaber M., Kamruzzaman M., Ravi R.V., Gnanasigamani L.J., Premalatha R.	Image Smart Segmentation Analysis Against Diabetic Foot Ulcer Using Internet of Things with Virtual Sensing	Big Data	12	2	155	172	4.6	10.1089/big.2022.0283

1106	Panda S.K., Velusamy V., Khan I., Niaza S.	Computation and convergence of fixed-point with an RLC-electric circuit model in an extended b-suprametric space	Scientific Reports	14	1			4.6	10.1038/s41598-024-59859-x
1107	Manohar P., Loh B., Nachimuthu R., Leptihn S.	Phage-antibiotic combinations to control Pseudomonas aeruginosa–Candida two-species biofilms	Scientific Reports	14	1			4.6	10.1038/s41598-024-59444-2
1108	Penumala S.M., Karmel A., Kanimozhi G., Khanwalkar J.	Thermoelectric generator powered timepiece circuit for rechargeable battery operation	Scientific Reports	14	1			4.6	10.1038/s41598-024-59260-8
1109	Natarajan S.K., S J., Mathivanan S.K., Rajadurai H., M.B B.A., Shah M.A.	Exploring fetal brain tumor glioblastoma symptom verification with self organizing maps and vulnerability data analysis	Scientific Reports	14	1			4.6	10.1038/s41598-024-59111-6
1110	Kumar N.S., Deepika G., Goutham V., Buvaneswari B., Reddy R.V.K., Angadi S., Dhanamjayulu C., Chinthaginjala R., Mohammad F., Khan B.	HARNet in deep learning approach—a systematic survey	Scientific Reports	14	1			4.6	10.1038/s41598-024-58074-y

1111	Hete R.R., Shrivastava T., Dash R., Anupallavi L., Fathima M., Reddy K.J., Dhanamjayalu C., Mohammad F., Khan B.	Design and development of PI controller for DFIG grid integration using neural tuning method ensembled with dense plexus terminals	Scientific Reports	14	1			4.6	10.1038/s41598-024-56904-7
1112	Chandrasekar V., Shanmugavalli V., Mahesh T.R., Shashikumar R., Borah N., Kumar V.V., Guluwadi S.	Secure malicious node detection in flying ad-hoc networks using enhanced AODV algorithm	Scientific Reports	14	1			4.6	10.1038/s41598-024-57480-6
1113	Aishwarya K., Lakshmi B.	TCAD simulation study of heavy ion radiation effects on hetero junctionless tunnel field effect transistor	Scientific Reports	14	1			4.6	10.1038/s41598-024-58371-6
1114	Suguna M., Sreenivasan A., Ravi L., Devarajan M., Suresh M., Almazyad A.S., Xiong G., Ali I., Mohamed A.W.	Entrepreneurial education and its role in fostering sustainable communities	Scientific Reports	14	1			4.6	10.1038/s41598-024-57470-8
1115	Nallakaruppan M.K., Gangadevi E., Shri M.L., Balusamy B., Bhattacharya S., Selvarajan S.	Reliable water quality prediction and parametric analysis using explainable AI models	Scientific Reports	14	1			4.6	10.1038/s41598-024-56775-y

1116	Singh H., Balyan L.K., Mittal A.K., Saini P.	A numerically robust and stable time–space pseudospectral approach for multidimensional generalized Burgers–Fisher equation	Mathematics and Computers in Simulation	225		177	194	4.6	10.1016/j.matcom.2024.05.005
1117	Huang S., Debnath S., Roy A.K., Wang J., Jiang W., Bég O.A., Kuharat S.	Transient dispersion of reactive solute transport in electrokinetic microchannel flow	Physics of Fluids	36	5			4.6	10.1063/5.0206129
1118	Muthukumar B., Duraimurugan R., Parthipan P., Rajamohan R., Rajagopal R., Narenkumar J., Rajasekar A., Malik T.	Synthesis and characterization of iron oxide nanoparticles from Lawsonia inermis and its effect on the biodegradation of crude oil hydrocarbon	Scientific Reports	14	1			4.6	10.1038/s41598-024-61760-6
1119	Mathivanan S.K., Francis D., Srinivasan S., Khatavkar V., P K., Shah M.A.	Enhancing cervical cancer detection and robust classification through a fusion of deep learning models	Scientific Reports	14	1			4.6	10.1038/s41598-024-61063-w
1120	Manikandan M., Manikandan E., Swetha V., Kurpaa S., Vijay S., Kiruthika V.	Nickel-copper-cobalt mixed oxide electrode material for high performance asymmetric supercapacitor	Scientific Reports	14	1			4.6	10.1038/s41598-024-61625-y
1121	Bhuin A., Udayakumar S., Gopalarethinam J., Mukherjee D., Girigoswami K., Ponraj C., Sarkar S.	Photocatalytic degradation of antibiotics and antimicrobial and anticancer activities of two-dimensional ZnO nanosheets	Scientific Reports	14	1			4.6	10.1038/s41598-024-59842-6

1122	Gumber S., Bera S., Ghosh S., Prabhakaran T.V.	Turbulence-induced droplet grouping and augmented rain formation in cumulus clouds	Scientific Reports	14	1			4.6	10.1038/s41598-024-61036-z
1123	Thomas J., Ghosh A., Ranjan S., Satija J.	Cheminformatics approach to identify andrographolide derivatives as dual inhibitors of methyltransferases (nsp14 and nsp16) of SARS-CoV-2	Scientific Reports	14	1			4.6	10.1038/s41598-024-58532-7
1124	Jeevarathinam M., Asharani I.V.	Synthesis of CuO, ZnO nanoparticles, and CuO-ZnO nanocomposite for enhanced photocatalytic degradation of Rhodamine B: a comparative study	Scientific Reports	14	1			4.6	10.1038/s41598-024-60008-7
1125	Waseem Basha Z., Muniraj S., Senthil Kumar A.	Neem biomass derived carbon quantum dots synthesized via one step ultrasonification method for ecofriendly methylene blue dye removal	Scientific Reports	14	1			4.6	10.1038/s41598-024-59483-9
1126	Vijayaraghavan C.S., Raman L.S., Surenderan S., Kaur H., Chinambedu M.D., Thyagarajan S.P., Gnanambal Krishnan M.E.	A Novel Non-Psychoactive Fatty Acid from a Marine Snail, Conus inscriptus, Signals Cannabinoid Receptor 1 (CB1) to Accumulate Apoptotic C16:0 and C18:0 Ceramides in Teratocarcinoma Cell Line PA1	Molecules	29	8			4.6	10.3390/molecules29081737

1127	Kalidas S., Sumathi S.	Copper substituted hydroxyapatite reinforced gelatin/polyvinyl alcohol/silk fibre-based scaffold for bone tissue engineering application	Materials Chemistry and Physics	320				4.6	10.1016/j.matchemphys.2024.129410
1128	Sana T., Sharma P., Khanuja M., Narang J.	Detection of uterine cancer biomarker EGFR through an aptasensor utilizing a carbon electrode modified with silver nanowires	Materials Chemistry and Physics	319				4.6	10.1016/j.matchemphys.2024.129412
1129	Nagamalini T., Wesley J.R.	Pathway for a circular economy: facilitating circularity using the ADKAR model for waste management	Management of Environmental Quality					4.6	10.1108/MEQ-09-2023-0320
1130	Damodaran V., Paramadayalan T., Natarajan D., Kumar C R., Kanna P.R., Taler D., Sobota T., Taler J., Szymkiewicz M., Ahamed M.J.	Development of a Fast Running Equivalent Circuit Model with Thermal Predictions for Battery Management Applications	Batteries	10	6			4.6	10.3390/batteries10060215
1131	Basith S.A., Ramadoss A., Khandelwal G., Jacob G., Chandrasekhar A.	Recycling of diaper wastes for a triboelectric nanogenerator-based weather station	iScience	27	9			4.6	10.1016/j.isci.2024.110627
1132	Saha S., Bora S.N., Sulisz W.	Water wave interaction with a bottom-mounted wind turbine fitted with multiple porous rings	Ocean Engineering	311				4.6	10.1016/j.oceaneng.2024.118850

1133	Banu K., Mukherjee A., Pawar A., Rajesh S.	Unraveling gluon TMDs in J/ ψ and pion production at the EIC	Physical Review D	110	5			4.6	10.1103/PhysRevD.110.054009
1134	Francis S., Swain A.	Modelling and harnessing energy from flow-induced vibration, particularly VIV and galloping: An explicit review	Ocean Engineering	312				4.6	10.1016/j.oceaneng.2024.119290
1135	Chinapaka R., Prakash S.A., Sivaramakrishna D., Kamlekar R.K., Swamy M.J.	Structure and Characterization of Catanionic Complexes and Biocompatible Vesicles of N-Acyltaurine and Sarcosine Alkyl Ester: Encapsulation and Release Studies with 5-Fluorouracil	ACS Applied Bio Materials					4.6	10.1021/acsbm.4c00822
1136	Alam M.; Kim B.; Natarajan Y.; Sri Preethaa K.R.; Song S.; Chen Z.	Predicting the performance of L-shaped confined flapping-foil energy harvester: A deep learning approach	Ocean Engineering	313				4.6	10.1016/j.oceaneng.2024.119455
1137	Das A.; Yu X.	Elucidating the origin of laser-induced nonlinearities in propagation inside transparent media: a comparative numerical study of silicon and fused silica	JPhys Photonics	6	4			4.6	10.1088/2515-7647/ad7cb2
1138	Pradhan S.K.; Pandiyarajan K.; Patil S.; Chavan P.G.; Monteiro Lobato R.L.; Ribeiro-Soares J.; Late D.J.	Field emission performance of graphene-incorporated aluminum-based metal matrix composite	Nanoscale Advances	0	0	0	0	4.6	10.1039/d4na00646a

1139	Mohapatra P.; Chandrasekaran N.	In vitro β -catenin attenuation by a mefloquine-loaded core-shell nano emulsion strategy to suppress liver cancer cells	Nanoscale Advances	0	0	0	0	4.6	10.1039/d4na00547c
1140	Arya S.; Wang Y.	Quantum-Position-Locked Loop: New Concept for Collaborative Beam forming for UAV Swarm	IEEE Wireless Communications Letters	0	0	0	0	4.6	10.1109/LWC.2024.3508657
1141	Kumar R., Kumar S., Ağbulut Ü., Gürel A.E., Alwetaishi M., Shaik S., Saleel C.A., Lee D.	Parametric optimization of an impingement jet solar air heater for active green heating in buildings using hybrid CRITIC-COPRAS approach	International Journal of Thermal Sciences	197				4.5	10.1016/j.ijthermalsci.2023.108760
1142	Pabitha P., Nivitha K., Gunavathi C., Panjavarnam B.	A chameleon and remora search optimization algorithm for handling task scheduling uncertainty problem in cloud computing	Sustainable Computing: Informatics and Systems	41				4.5	10.1016/j.suscom.2023.100944
1143	Ahmed W., Muhammad T., Irshad C.V.	Interaction between depressive symptoms and obesity-related anthropometric measures on multimorbidity among community-dwelling older adults: evidence from India	BMC Public Health	24	1			4.5	10.1186/s12889-024-17894-3
1144	Valarmathi K., Seetha J., Krishnamoorthy N.V., Hema M., Ramkumar G.	An integrated energy storage framework with significant energy management and absorption mechanism for machine learning assisted electric vehicle application	Sustainable Computing: Informatics and Systems	42				4.5	10.1016/j.suscom.2024.100982

1145	Ramgirkar A., Rao V., Talhar J., Mishra T.K., Narayanan S.J., Satapathy S.M., Perumal B.	Mining of heterogeneous time series information for predicting chlorophyll accumulation in oceans	Sustainable Computing: Informatics and Systems	42				4.5	10.1016/j.suscom.2024.100980
1146	Dhilipkumar T., Arumugam S., Rajesh M., Venkatesan R., Sasikumar R., Al-Asbahi B.A.	Evaluating the flexural and vibrational response of carbon nanotube strengthened co-cured sandwich composites	Carbon Letters					4.5	10.1007/s42823-024-00710-8
1147	Poyyamozi N., Kumar S.S., Renugadevi P., Prabhakar P.	Experimental investigation of nano-coating effects on extended surfaces for enhanced thermal management of heat sinks	International Journal of Thermal Sciences	201				4.5	10.1016/j.ijthermalsci.2024.109049
1148	Anu M.A., Tomy M., Gopi Krishnan R., Ali Al-Asbahi B., Dasha Kumar K., Xavier T.S.	Enhanced electrochemical properties of cobalt oxide nanoparticle electrode modified with low concentration of cationic surfactant	Journal of Electroanalytical Chemistry	961				4.5	10.1016/j.jelechem.2024.118225
1149	Das R., Das U., Roy N., Mukherjee C., U S., Paira P.	A Glance on target specific PDT active cyclometalated iridium complexes	Dyes and Pigments	226				4.5	10.1016/j.dyepig.2024.112134
1150	Syamala M., Gowri U., Babu D.V., Sahaya Anselin Nisha A., Ahmed M.A., Muniyandy E.	Transactive energy management system for smart grids using Multi-Agent Modeling and Blockchain	Sustainable Computing: Informatics and Systems	43				4.5	10.1016/j.suscom.2024.101001

1151	Maguluri L.P., Umasankar A., Vijendra Babu D., Anselin Nisha A.S., Prabhu M.R., Tilwani S.A.	Coordinating electric vehicle charging with multiagent deep Q-networks for smart grid load balancing	Sustainable Computing: Informatics and Systems	43				4.5	10.1016/j.suscom.20 24.100993
1152	Duari P., Sarbajna A., Yu C.-H., Swamy V.S.V.S.N., Feichtner K.-S., Handelmann J., Gessner V.H.	Influence of Ylide Functionalization on the Catalytic Performance of Ferrocenyldiphosphines in Au(I)-Catalyzed Hydroaminations and Hydrohydrazinations	ChemCatChem					4.5	10.1002/cctc.202400 196
1153	Karan Kumar K., Mandava S.	Deep learning segmentation models for estimating the health status of induction motor bearing	Neural Computing and Applications					4.5	10.1007/s00521-024- 10035-2
1154	Mirunalini P., Desingu K., Aswatha S., Deepika R., Deepika V., Jaisakthi S.M.	Conditional adversarial segmentation and deep learning approach for skin lesion sub-typing from dermoscopic images	Neural Computing and Applications					4.5	10.1007/s00521-024- 09964-9
1155	Jayakumar V., Visuvasam J.A.	Numerical investigation on failure mechanism of tunnel lining with different fault dip angles and Geological Strength Index under geohazard of fault movement and seismic action	Geomatics, Natural Hazards and Risk	15	1			4.5	10.1080/19475705.2 024.2363425

1156	Natarajan K., Muthusamy S., Sha M.S., Sadasivuni K.K., Sekaran S., Charles Gnanakkan C.A.R., A.Elngar A.	A novel method for the detection and classification of multiple diseases using transfer learning-based deep learning techniques with improved performance	Neural Computing and Applications					4.5	10.1007/s00521-024- 09900-x
1157	Karthikeyan N.K., Elavenil S.	Dispersion effect of nano- structure pyrolytic carbon on mechanical, electrical, and microstructural characteristics of cement mortar composite	International Journal of Smart and Nano Materials					4.5	10.1080/19475411.2 024.2386667
1158	Ignatius F., Kaspar S.	Formulation of Twin graph labelings	Neural Computing and Applications					4.5	10.1007/s00521-024- 10116-2
1159	Singh S., Jadli H., Padma Priya R., Surya Prasath V.B.	KDTL: knowledge-distilled transfer learning framework for diagnosing mental disorders using EEG spectrograms	Neural Computing and Applications					4.5	10.1007/s00521-024- 10207-0
1160	Bhuktar H., Thirupataiah B., Mounika G., Samarpita S., Rithvik A., Sasi Priya S.V.S., Naskar R., Medishetti R., Jagadish P.C., Parsa K.V.L., Rasool M., Chakraborty S., Pal M.	Targeting next-generation PDE4 inhibitors in search of potential management of rheumatoid arthritis and psoriasis	Bioorganic Chemistry	151				4.5	10.1016/j.bioorg.202 4.107689

1161	Jagan P., Visuvasam J.A.	Assessment of the influence of nonlinear soil effects on seismic response of RC structures with floating columns considering soil–structure interaction	Geomatics, Natural Hazards and Risk	15	1			4.5	10.1080/19475705.2024.2401997
1162	Sheth K.A., Kulkarni R.P., Revathi G.K.	Enhancing natural disaster image classification: an ensemble learning approach with inception and CNN models	Geomatics, Natural Hazards and Risk	15	1			4.5	10.1080/19475705.2024.2407029
1163	Thendral M.S.; Abinaya S.; Devi M.K.K.	Enhanced prediction of agricultural CO2 emission using ensemble machine learning-based imputation approach	Neural Computing and Applications					4.5	10.1007/s00521-024-10444-3
1164	Kasanneni Y.; Duggal A.; Sathyaraj R.; Raja S.P.	Effective Analysis of Machine and Deep Learning Methods for Diagnosing Mental Health Using Social Media Conversations	IEEE Transactions on Computational Social Systems	0	0	0	0	4.5	10.1109/TCSS.2024.3487168
1165	Dharshini L.C.P.; Mandal A.K.A.	Unveiling the challenges of short non-coding RNAs and their prospects in cancer therapy	Journal of Drug Delivery Science and Technology	102	0	0	0	4.5	10.1016/j.jddst.2024.106411
1166	Rajalakshmi R.; Raymann J.; Prabhu A.; Karthik R.; Aravindan C.	AI-UNet: Attention Information-based deep URL Network for adult webpage classification	Neural Computing and Applications	0	0	0	0	4.5	10.1007/s00521-024-10408-7

1167	Janjani H.; Agarwal T.; Gopinath M.P.; Sharma V.; Raja S.P.	Designing Energy-Aware Scheduling and Task Allocation Algorithms for Online Reinforcement Learning Applications in Cloud Environments	IEEE Transactions on Computational Social Systems	0	0	0	0	4.5	10.1109/TCSS.2024.3508089
1168	Murugan T.K.; Karthikeyan P.; Sekar P.	Efficient breast cancer detection using neural networks and explainable artificial intelligence	Neural Computing and Applications	0	0	0	0	4.5	10.1007/s00521-024-10790-2
1169	Ghosh S., Mahato S., Dutta T., Ahamed Z., Ghosh P., Roy P.	Highly selective, sensitive and biocompatible rhodamine-based isomers for Al ³⁺ detection: A comparative study	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	305				4.4	10.1016/j.saa.2023.123455
1170	Purushothaman P., Karpagam S.	Thiophene derived sky-blue fluorescent probe for the selective recognition of mercuric ion through CHEQ mechanism and application in real time samples	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	305				4.4	10.1016/j.saa.2023.123518
1171	Muniyasamy R., Manjubala I.	Elucidating anti-sclerostin mechanism of baicalein using LRP6-Sclerostin complex of canonical Wnt/ β -catenin signaling pathway	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2024.2306494
1172	Chakrabarti S.	The river model of gravitational collapse	European Physical Journal C	84	1			4.4	10.1140/epjc/s10052-024-12382-9

1173	Duraivel B., Shaik S., Bansal R., Khanda S.D., Patel D., Natarajan M., Saleel C.A., Jilte R.D., Ağbulut Ü.	A comprehensive review of Trinitor components: A sustainable waste heat recovery polygenerative system for diesel vehicles	Journal of Thermal Analysis and Calorimetry					4.4	10.1007/s10973-023-12830-w
1174	Nanjappan M., Pradeep K., Natesan G., Samyurai A., Premalatha G.	DeepLG SecNet: utilizing deep LSTM and GRU with secure network for enhanced intrusion detection in IoT environments	Cluster Computing					4.4	10.1007/s10586-023-04223-3
1175	Pravallika G., Rajasekaran R.	Stage II oesophageal carcinoma: peril in disguise associated with cellular reprogramming and oncogenesis regulated by pseudogenes	BMC Genomics	25	1			4.4	10.1186/s12864-024-10023-9
1176	Dhevi V. Sundar R., Arunachalam S.	Endophytic fungi of Tradescantia pallida mediated targeting of Multi-Drug resistant human pathogens	Saudi Journal of Biological Sciences	31	3			4.4	10.1016/j.sjbs.2024.103937
1177	Tejasree G., Agilandeewari L.	Land use/land cover (LULC) classification using deep-LSTM for hyperspectral images	Egyptian Journal of Remote Sensing and Space Science	27	1	52	68	4.4	10.1016/j.ejrs.2024.01.004
1178	Manikandan R., Raja Singh R.	Open Circuit Fault Localization in NPC Inverter Fed Induction Motor Drives Using Cost Function and Estimated Voltages	IEEE Transactions on Circuits and Systems II: Express Briefs	71	2	922	926	4.4	10.1109/TCSII.2023.3310671

1179	Ravi L., Ajith Kumar K., Shree Kumari G.R., Mathew J., Harshitha S., Panda M., Shivani S., Paul A., Chandana T.S., Anil A., Megha J.K., Mukherjee T., Bhattacharjee S., Raveendran Nair M., Subhanjan V., Mohanasrinivasan V., Jain P.	Behenic Acid as a multi-target inhibiting antibacterial phytochemical against <i>Vibrio parahaemolyticus</i> and <i>Aeromonas hydrophila</i> for effective management of aquaculture infections: an in-silico, in-vitro & in-vivo experimentation	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2024.2317988
1180	Mohamed S.K., Siddique S.A., Karthikeyan S., Ahmed E.A., Omran O.A., Mague J.T., Al-Salahi R., El Bakri Y.	Synthesis, X-ray crystallography, computational investigation on quinoxaline derivatives as potent against adenosine receptor A2AAR	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2024.2314268
1181	Choudhury A.A., Arumugam M., Ponnusamy N., Sivaraman D., Sertsemariam W., Thiruvengadam M., Pandiaraj S., Rahaman M., Devi Rajeswari V.	Anti-diabetic drug discovery using the bioactive compounds of <i>Momordica charantia</i> by molecular docking and molecular dynamics analysis	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2024.2313156

1182	Mohamed S.K., Karthikeyan S., A. Omran O., Ahsin A., Salah H., Mague J.T., Al-Salahi R., El Bakri Y.	Insights into the crystal structure investigation and virtual screening approach of quinoxaline derivatives as potent against c-Jun N- terminal kinases 1	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2 024.2305317
1183	Kumar H., Manoharan A., Anbarasu A., Ramaiah S.	Computational study of the piperidine and FtsZ interaction in Salmonella Typhi: implications for disrupting cell division machinery	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2 024.2314272
1184	Shaik A.H., Chakraborty S., Saboor S., Kumar K.R., Majumdar A., Rizwan M., Arıcı M., Chandan M.R.	Cu-Graphene water-based hybrid nanofluids: synthesis, stability, thermophysical characterization, and figure of merit analysis	Journal of Thermal Analysis and Calorimetry					4.4	10.1007/s10973-023- 12875-x
1185	John P., Sudandiradoss C.	A comprehensive integrated gene network construction to explore the essential role of Notch 1 in lung adenocarcinoma (LUAD)	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2 024.2306501
1186	Kumar R., Lee D., Ağbulut Ü., Kumar S., Thapa S., Thakur A., Jilte R.D., Saleel C.A., Shaik S.	Different energy storage techniques: recent advancements, applications, limitations, and efficient utilization of sustainable energy	Journal of Thermal Analysis and Calorimetry					4.4	10.1007/s10973-023- 12831-9

1187	Sankar S., Kodiveri Muthukaliannan G.	Deciphering the crosstalk between inflammation and biofilm in chronic wound healing: Phytocompounds loaded bionanomaterials as therapeutics	Saudi Journal of Biological Sciences	31	4			4.4	10.1016/j.sjbs.2024.103963
1188	Vaddi R., Phaneendra Kumar B.L.N., Manoharan P., Agilandeewari L., Sangeetha V.	Strategies for dimensionality reduction in hyperspectral remote sensing: A comprehensive overview	Egyptian Journal of Remote Sensing and Space Science	27	1	82	92	4.4	10.1016/j.ejrs.2024.01.005
1189	Tamilselvan M., Raja S.	Exploring the role and mechanism of potential probiotics in mitigating the shrimp pathogens	Saudi Journal of Biological Sciences	31	3			4.4	10.1016/j.sjbs.2024.103938
1190	Shanmugasundaram S., Agrawal R., Gupta D.	Electron impact partial ionization cross sections: R-carvone, 2-butanol, imidazole, and 2-nitroimidazole	Journal of Chemical Physics	160	9			4.4	10.1063/5.0193517
1191	Santhosh N., Reddy A.S.	Magnetohydrodynamic quadratic convective and radiative heat transfer analysis of magnetite ferrofluid CoFe ₂ O ₄ -H ₂ O in a corner-heated porous square cavity	Journal of Thermal Analysis and Calorimetry					4.4	10.1007/s10973-024-12942-x
1192	Vinothkumar B., Poornima T.	Hybrid Casson magneto-convective rheological fluid flow from a horizontal circular cylinder under asymmetric heat generation/absorption	Journal of Thermal Analysis and Calorimetry					4.4	10.1007/s10973-024-12948-5

1193	Aghalya T., Tamizharasi R.	Effect of heat source/sink and thermal radiation on an unsteady MHD Casson flow past over an exponentially accelerated vertical plate	Journal of Thermal Analysis and Calorimetry					4.4	10.1007/s10973-024-12950-x
1194	Revathi R., Poornima T.	Dynamics of stagnant Sutterby fluid due to mixed convection with an emphasis on thermal analysis	Journal of Thermal Analysis and Calorimetry					4.4	10.1007/s10973-024-12943-w
1195	Raghuraman P., Ramireddy S., Raman G., Park S., Sudandiradoss C.	Understanding a point mutation signature D54K in the caspase activation recruitment domain of NOD1 capitulating concerted immunity via atomistic simulation	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2024.2322618
1196	Botlagunta N., Babu S.	Growth enhancement and changes in bacterial microbiome of cucumber plants exhibited by biopriming with some native bacteria	Saudi Journal of Biological Sciences	31	6			4.4	10.1016/j.sjbs.2024.103997
1197	Lingayya S., Jodumutt S.B., Pawar S.R., Vylala A., Chandrasekan S.	Dynamic task offloading for resource allocation and privacy-preserving framework in Kubeedge-based edge computing using machine learning	Cluster Computing					4.4	10.1007/s10586-024-04420-8

1198	Thirumalaisamy K., Reddy A.S.	Numerical simulation of free convection flow and thermal performance comparison between Al ₂ O ₃ /H ₂ O and Al ₂ O ₃ /C ₂ H ₆ O ₂ -H ₂ O nanofluids in a rectangular cavity	Journal of Thermal Analysis and Calorimetry					4.4	10.1007/s10973-024-12970-7
1199	Mohan A.V., Raja S.	Unveiling the Tiny Invaders: A deep dive into microplastics in shrimp – Occurrence, detection and unraveling the ripple effects	Saudi Journal of Biological Sciences	31	5			4.4	10.1016/j.sjbs.2024.103981
1200	Shanbogh S.M., Roy A., Varade A., Ponnampalana A.	Multi-functionality in doped poly 3-methylthiophene memristor device	Synthetic Metals	306				4.4	10.1016/j.synthmet.2024.117648
1201	Dhanasekaran K., Tamizhselvi R., Mohandoss S., Beena M., Palaniappan A., Napoleon A.A.	A thiazole-based colorimetric and photoluminescent chemosensors for As ³⁺ ions detection: Density functional theory, test strips, real samples, and bioimaging applications	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	316				4.4	10.1016/j.saa.2024.124325
1202	Saranya G.R., Viswanathan P.	Identification of renal protective gut microbiome derived-metabolites in diabetic chronic kidney disease: An integrated approach using network pharmacology and molecular docking	Saudi Journal of Biological Sciences	31	8			4.4	10.1016/j.sjbs.2024.104028

1203	Deepak C.N., Behura A.K.	Development and reliability assessment of nano-enhanced novel organic eutectic mixtures as phase change materials for latent heat energy storage	Journal of Thermal Analysis and Calorimetry					4.4	10.1007/s10973-024-13235-z
1204	Sathya P., Naveen P.	Comparative study of radiation effect on titanium dioxide power-law nanofluid over a thin needle with cancer treatment applications: a quadratic regression model	Journal of Thermal Analysis and Calorimetry					4.4	10.1007/s10973-024-13124-5
1205	Naveen P., Vasanth Suriya V.M., Vajravelu K., Muhammad T.	Exploring the dynamics of non-Newtonian Sutterby fluid conveying tiny particles along an inclined surface: insights into higher order chemical reactions and irreversibility	Journal of Thermal Analysis and Calorimetry					4.4	10.1007/s10973-024-13119-2
1206	Chandran R.J., Arumugam S.K., Sadasivan S., Kanna P.R., Chen F.	Two-phase simulation of transcritical CO2 flow in nozzle and ejector using the homogeneous equilibrium model	Journal of Thermal Analysis and Calorimetry					4.4	10.1007/s10973-024-13104-9
1207	Sam S.J.I., Mohamed Jasim K.	Hybridization of metaheuristics and NLP approach to examine public opinion towards virtual voice assistants	Annals of Operations Research					4.4	10.1007/s10479-024-06105-2
1208	Kochańska J., Musiał K., Łapczyńska D., Xavior M.A., Jeyapandiarajan P.	A hybrid method for the intelligent effectiveness management of production operators	Annals of Operations Research					4.4	10.1007/s10479-024-06166-3

1209	Mahadevi P., Sumathi S., Dasgupta S., Noor A.	Bioactive benzhydrazone derived Schiff base and its metal(II) complexes: Synthesis, characterisation, cytotoxicity, DNA binding/cleavage, antimicrobial and antioxidant activity	Inorganic Chemistry Communications	167				4.4	10.1016/j.inoche.2024.112800
1210	Gomathi T., Santhanalakshmi K., Monika A.K., John Joseph J., Khalid M., Shukri Albakri G., Kumar Yadav K., Shoba K., Durán-Lara E.F., Vijayakumar S.	Chitosan-lysine nanoparticles for sustained delivery of capecitabine: Formulation, characterization, and evaluation of anticancer and antifungal properties with molecular docking insights on anti-inflammatory potential	Inorganic Chemistry Communications	167				4.4	10.1016/j.inoche.2024.112797
1211	Divyashree S., Joshua C.J., Md A.Q., Mohan S., Abdullah A.S., Mohamad U.H., Innab N., Ahmadian A.	Enabling business sustainability for stock market data using machine learning and deep learning approaches	Annals of Operations Research					4.4	10.1007/s10479-024-06118-x
1212	Anbazhagan S., Mugelan R.K.	Next-gen resource optimization in NB-IoT networks: Harnessing soft actor–critic reinforcement learning	Computer Networks	252				4.4	10.1016/j.comnet.2024.110670

1213	Mohana C.M., Kumar B.R.	Numerical and semi-analytical approaches for heat transfer analysis of ternary hybrid nanofluid flow: A comparative study	Mathematics and Computers in Simulation	226		66	90	4.4	10.1016/j.matcom.2024.06.019
1214	Revathi S., Srimathi R., Kumar A., Kaur J., Yuvaraj S., Ubaidullah M., Sundararajan M., Prakash C., Kumar A., Shaikh S.F., Sekhar Dash C., Sukumar M., Jesudoss S.K., Ayyaru S.	Monitoring the effect of In ³⁺ doping on the structural, morphological, optical, vibrational, and magnetic properties of perovskite LaFeO ₃ nanoparticles	Inorganic Chemistry Communications	168				4.4	10.1016/j.inoche.2024.112777
1215	Kuruthukulangara N., Anjali V.A., Nair A.G., Asharani I.V.	Environmentally friendly iron oxide nanoparticles: Synthesis, characterization, and adsorption performance for Cr (VI) ion removal	Inorganic Chemistry Communications	168				4.4	10.1016/j.inoche.2024.112760
1216	Vinodhini V., Chintagumpala K.	Evaluation of magnetic heating capacity of unimagnetic and bimagnetic nanoparticles ligated with oleic acid and zwitterionic dopamine sulfonate dispersant for localized hyperthermia applications	Inorganic Chemistry Communications	168				4.4	10.1016/j.inoche.2024.112921

1217	Vijai Anand A.S., Perinbanathan S., Hadiyal K., Ranjan P., Thamankar R., Desikan R., Brahmananda Rao C.V.S., Sivaramakrishna A.	Ligand-controlled UV light absorption property and neuromorphic behavior of a new Th(IV)- bisphosphoramidate complex	Inorganic Chemistry Communications	168				4.4	10.1016/j.inoche.20 24.112957
1218	Palpandi K., Bhuvaneshwari C., Ganesh Babu S., Raman N.	Edifice of metal stannate as nano-catalyst: An ultra- sensitive and highly selective enhanced electrochemical sensing of chloronitrobenzene	Inorganic Chemistry Communications	170				4.4	10.1016/j.inoche.20 24.113183
1219	Abarna S.T., Ezhil Vizhi R.	Exploring the effect of exchange coupling in (SrFe _{9.8} Al ₂ La _{0.2} O ₁₉) _{1-x} / (Co _{0.7} Zn _{0.3} Fe ₂ O ₄) _x nanocomposites synthesised by sol-gel auto combustion method	Results in Physics	65				4.4	10.1016/j.rinp.2024. 107976
1220	Jeevarathinam M., Asharani I.V.	Synergistic catalytic degradation of crystal violet dye and ciprofloxacin drug using g-C ₃ N ₄ /CuO nanocomposites under visible light	Inorganic Chemistry Communications	169				4.4	10.1016/j.inoche.20 24.113113
1221	Thalakottukara D.D., Sekar M., Mandal A., Gandhi T., Maiti D.	Substrate-directed C(sp ³)-H borylation via transition metal catalysis: expanding the toolbox for C-H functionalization	Catalysis Science and Technology					4.4	10.1039/d4cy00754 a

1222	Joseph A.; Uthirapathy V.	Collating the dependence of temperature on the bioactivity of various silicate compounds in orthopedic applications	Inorganic Chemistry Communications	170				4.4	10.1016/j.inoche.2024.113271
1223	Sivagami M.; Thirumalai D.; Jerome P.; Asharani I.V.	Bio-inspired synthesis of Cm-Ag/NiO nanocomposites: Enhanced photocatalytic degradation of textile dyes	Inorganic Chemistry Communications	170				4.4	10.1016/j.inoche.2024.113285
1224	Sudaarsan A.S.K.; Ghosh A.R.	Appraisal of postbiotics in cancer therapy	Frontiers in Pharmacology	15				4.4	10.3389/fphar.2024.1436021
1225	Poornima L.; Shanker Babu R.	A methodical investigation on stilbazolium derivative substituted with 2,4-Dichlorobenzaldehyde as a donor: An effective crystal for optical device fabrication	Inorganic Chemistry Communications	170	0	0	0	4.4	10.1016/j.inoche.2024.113512
1226	Bharathidasan D.; Salvi A.S.; Bose S.; Maity C.	Biochemical Signal-Induced Supramolecular Hydrogelation for Structured Free-Standing Soft Material Formation	Macromolecular Bioscience	24	12	0	0	4.4	10.1002/mabi.202400419
1227	Kalidas S.; Sumathi S.	Fabrication, characterisation, physicochemical and biological studies of gelatin/PVA/silk fibre with manganese substituted hydroxyapatite scaffold for bone tissue engineering application	Inorganic Chemistry Communications	170	0	0	0	4.4	10.1016/j.inoche.2024.113442

1228	Kumar P.; Saravanan P.; Baskar G.; Chitrashalini S.; Omer S.N.; Subashini S.; Rajeshkannan R.; Venkatkumar S.	Synthesis and characterization of Ag-decorated ZnO/MgO nanocomposite using a novel phyto-assisted biomimetic approach for anti-microbial and anti-biofilm applications	Inorganic Chemistry Communications	170	0	0	0	4.4	10.1016/j.inoche.2024.113443
1229	Nandhakumar R.; Venkatesan K.	Effect of selective laser melting process parameters of SS 310 on relative density, surface roughness, and microstructure at different volumetric energy density	Progress in Additive Manufacturing	0	0	0	0	4.4	10.1007/s40964-024-00861-0
1230	Hiremath K.B., Shivashankar M.	Efficient detection of Sn ²⁺ by 4-aminobenzenesulfonamide based Schiff base chemosensor	Journal of Photochemistry and Photobiology A: Chemistry	450				4.3	10.1016/j.jphotochem.2023.115437
1231	Kumara Narayana Swamy C., Velmurugan T.	Multiconstraint-based quality of service-aware joint optimistic framework for non-orthogonal multiple access-based fog computing vehicular network	Computers and Electrical Engineering	114				4.3	10.1016/j.compeleceng.2023.109070
1232	Dua A., Selvam P., Majeed S.A., Kumar S.K.A., Sharma H.K., Ramasamy S.K.	Diaminomaleonitrile Schiff base with phenothiazine aldehyde as multimode chemosensor for copper ions and its application	Journal of Photochemistry and Photobiology A: Chemistry	447				4.3	10.1016/j.jphotochem.2023.115219

1233	Ilakiyalakshmi M., Arumugam Napoleon A.	Phenothiazine-derived fluorescent chemosensor: A versatile platform enabling swift cyanide ion detection and its multifaceted utility in paper strips, environmental water, food samples and living cells	Journal of Photochemistry and Photobiology A: Chemistry	447				4.3	10.1016/j.jphotochem.2023.115213
1234	Pflug F.G., Bhat D., Pigolotti S.	Genome replication in asynchronously growing microbial populations	PLoS Computational Biology	20	1			4.3	10.1371/journal.pcbi.1011753
1235	Ganapathy S., Ajmera D.	An Intelligent Video Surveillance System for Detecting the Vehicles on Road Using Refined YOLOV4	Computers and Electrical Engineering	113				4.3	10.1016/j.compeleceng.2023.109036
1236	Renjith P.N., Alfurhood B.S., Prashanth K.V., Patil V.S., Sharma N., Chaturvedi A.	Coordination of modular nano grid energy management using multi-agent AI architecture	Computers and Electrical Engineering	115				4.3	10.1016/j.compeleceng.2024.109112
1237	Sampathkumar S., Augustin F., Narayanamoorthy S., Ahmadian A., Ferrara M., Kang D.	Centroid and Graded Mean Ranking Methods for Intuitionistic Trapezoidal Dense Fuzzy Set to Solve MCDM Problems of Robot Selection	International Journal of Fuzzy Systems					4.3	10.1007/s40815-023-01647-2
1238	Aslam M.S., Radhika T., Chandrasekar A., Zhu Q.	Improved Event-Triggered-Based Output Tracking for a Class of Delayed Networked T–S Fuzzy Systems	International Journal of Fuzzy Systems					4.3	10.1007/s40815-023-01664-1

1239	Silpa B., Hota M.K.	Swarm intelligence-based improved Adaptive chirp mode decomposition algorithm for suppression of ocular artifacts from EEG signal	IEEE Sensors Journal			1	1	4.3	10.1109/JSEN.2024.3356579
1240	Achu Govind K.R., Mahapatra S., Mahapatro S.R.	Enhanced decentralised fractional-order control using tree seed optimisation and singular value analysis	International Journal of Systems Science					4.3	10.1080/00207721.2024.2308699
1241	Jeyapaul A.S., Ganesapillai M.	A sustainable solution: mitigating sulphur dioxide emissions through adsorption on chemically modified iron oxide nanoparticles	Clean Technologies and Environmental Policy					4.3	10.1007/s10098-024-02807-0
1242	Ahmed S.T., V V.K., Jeong J.	Heterogeneous Workload based Consumer Resource Recommendation Model for Smart Cities: eHealth Edge-Cloud Connectivity Using Federated Split Learning	IEEE Transactions on Consumer Electronics			1	1	4.3	10.1109/TCE.2024.3374462
1243	Ramakrishnan K., Reddy Y.A.K., Ajitha B.	Effect of substrate temperature on Cu ₂ -xO growth for enhanced photodetector performance in visible region	IEEE Sensors Journal			1	1	4.3	10.1109/JSEN.2024.3373768
1244	R R., S H., Nagarajan S.M., Devarajan G.G., Omar M., Bashir A.K.	Threat Detection and Mitigation for Tactile Internet Driven Consumer IoT-Healthcare System	IEEE Transactions on Consumer Electronics			1	1	4.3	10.1109/TCE.2024.3370193

1245	Dey S., Szathmári B., Franz R., Bruhn C., Kelemen Z., Pietschnig R.	Controlled Ring Opening of a Tetracyclic Tetrphosphane with Twofold Metallocene Bridging	Chemistry - A European Journal					4.3	10.1002/chem.202400194
1246	Thabrez M., Parimalarenganayaki S.	Hydrogeochemical characterization and non-carcinogenic health risk assessment of fluoride and nitrate-affected groundwater in northern parts of Tumkur district, Karnataka, India	Human and Ecological Risk Assessment					4.3	10.1080/10807039.2024.2316065
1247	Kim D., N.G. B.A., Sarveshwaran V.	A Novel Split Learning Based Consumer Electronics Network Traffic Anomaly Detection Framework for Smart City Environment	IEEE Transactions on Consumer Electronics			1	1	4.3	10.1109/TCE.2024.3367330
1248	Ghugal S.G., Ramteke P., Kumar Tadi K., Sarkar S., Mary Gali S., Umare S.S., Lee W., Jeong Y., Yoon J.	Visible light assisted photocatalytic performance of Europium doped ZnS-Nb2O5 heterostructure for mineralization of Acid violet 7 dye	Journal of Photochemistry and Photobiology A: Chemistry	453				4.3	10.1016/j.jphotochem.2024.115588
1249	Tamizhselvi R., Gangatharan Vinoth Kumar G., Anbarasu G., Arumugam Napoleon A.	Dual-channel fluorescent probe utilizing hydrazone for Zn ²⁺ and Hg ²⁺ detection: Exploring distinct signaling mechanisms and applications in bioimaging and latent fingerprint analysis	Journal of Photochemistry and Photobiology A: Chemistry	452				4.3	10.1016/j.jphotochem.2024.115609

1250	Ahmed S.T., Sivakami R., V V.K., R M.T., Khan S.B., Mashat A., Almusharraf A.	PrEGAN: Privacy Enhanced Clinical EMR Generation: Leveraging GAN Model for Customer De-Identification	IEEE Transactions on Consumer Electronics			1	1	4.3	10.1109/TCE.2024.3386222
1251	Kamaraj S., Suresh T., Vuppu S.	A sustainable approach for degrading Vellore Nattu kozhi feather waste, analytical amino acid profiling and its computational studies	Clean Technologies and Environmental Policy					4.3	10.1007/s10098-024-02840-z
1252	Kumar Goyal J., Aggarwal S., Ghosh S., Kamal S.	Output feedback pole-placement in damping region for discrete-time uncertain polytopic systems	International Journal of Systems Science					4.3	10.1080/00207721.2024.2330010
1253	Sreedharan R., Gandhi T.	Masters of Mediation: MN(SiMe3)2 in Functionalization of C(sp3)-H Latent Nucleophiles	Chemistry - A European Journal					4.3	10.1002/chem.202400435
1254	Tripathy S.S., Beboritta S., Gadekallu T.R.	Sustainable Fog-Assisted Intelligent Monitoring Framework for Consumer Electronics in Industry 5.0 Applications	IEEE Transactions on Consumer Electronics	70	1	1501	1510	4.3	10.1109/TCE.2023.3332454
1255	Lai Q., Xiong C., Chen J., Wang W., Chen J., Gadekallu T.R., Cai M., Hu X.	Improved Transformer-Based Privacy-Preserving Architecture for Intrusion Detection in Secure V2X Communications	IEEE Transactions on Consumer Electronics	70	1	1810	1820	4.3	10.1109/TCE.2023.3324081

1256	Saravanan M., Rajini G.K.	Comprehensive study on the development of an automatic helmet violator detection system (AHVDS) using advanced machine learning techniques	Computers and Electrical Engineering	118					4.3	10.1016/j.compeleceng.2024.109289
1257	Singh A., Salameh H.A.B., Ayyash M., Elgala H.	Efficient Power Allocation and Saving Framework for VLC-Enabled Indoor Networks With Crowded Heterogeneous Obstacles	IEEE Sensors Journal	24	9	15491	15500		4.3	10.1109/JSEN.2024.3382160
1258	Rajesh M., Ramachandran S., Vengatesan K., Dhanabalan S.S., Nataraj S.K.	Federated Learning for Personalized Recommendation in Securing Power Traces in Smart Grid Systems	IEEE Transactions on Consumer Electronics	70	1	88	95		4.3	10.1109/TCE.2024.3368087
1259	Muniyandi A.P., Balusamy B., Dhanaraj R.K., Ellappan V., Murali S., Sathyamoorthy M., Nkenyereye L.	Privacy Preserved Reinforcement Learning Model Using Generative AI for Personalized E-Learning	IEEE Transactions on Consumer Electronics			1	1		4.3	10.1109/TCE.2024.3398824
1260	Sampathkumar S., Augustin F.	Optimizing Robot Deployment in Hazardous Environment: MCDM Approach Using Field Performers Under Intuitionistic Dense Fuzzy Set	International Journal of Fuzzy Systems						4.3	10.1007/s40815-024-01688-1

1261	A. S., Ravi L., Devarajan M., Vairavasundaram S., Kotecha K., Herencsar N.	Sustainable Electronics: A Blockchain-Empowered Digital Twin Based Governance System for Consumer Electronic Products	IEEE Transactions on Consumer Electronics			1	1	4.3	10.1109/TCE.2024.3 394512
1262	Chakaravarthy R.S., Swaroop S.	Synergistic interplay between residual stress, hardness, and microstructural evolution in laser peened stainless steel 347	Materials Chemistry and Physics	323				4.3	10.1016/j.matchemp hys.2024.129616
1263	Manikandan S., Senthilkumar M., Ravindran B., Balan R., Vijayaraghavan R.	Microwave-assisted Morinda citrifolia L leaves extract mediated synthesis, magnetic and antimicrobial studies of pure and calcium substituted zinc ferrite	Materials Chemistry and Physics	322				4.3	10.1016/j.matchemp hys.2024.129590
1264	Muniyandi A.P., Balusamy B., Dhanaraj R.K., D S., S N., S P.K., Alroobaea R., Paramasivam A.	Intelligent Security System for Preventing DDoS Attacks for 6G Enabled WBSN using Improve Grey Wolf Optimization	IEEE Transactions on Consumer Electronics			1	1	4.3	10.1109/TCE.2024.3 416549
1265	A B., R M.T., V V.K., Kumar V.D., Bhat C.R.	VAG Signal Based Computational System for Consumer's Utilization Devices in Osteoarthritis Data Extraction and Classification	IEEE Transactions on Consumer Electronics			1	1	4.3	10.1109/TCE.2024.3 410253

1266	Sunitha K.	Targeting behavior and capital structure theories: An empirical analysis of gulf cooperation council countries	Journal of Behavioral and Experimental Finance	43				4.3	10.1016/j.jbef.2024.100944
1267	Tamizhselvi R., Bhaskar R., Beena M., Palaniappan A., Kumar S.K.A., Napoleon A.A.	A dual responsive bis-thiophene affixed thiosemicarbazide based chemosensor for colorimetrically Hg ²⁺ and fluorometrically Cu ²⁺ ions and their applications in live cell imaging	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	322				4.3	10.1016/j.saa.2024.124766
1268	Verma A.	Cultural identity, does it matter? A study on Konark Sun Temple, India	Asia Pacific Journal of Tourism Research					4.3	10.1080/10941665.2024.2379323
1269	Nitha P.K., Chandrasekhar A.	Fingerprint-Mimicking, ZIF-67 Decorated, Triboelectric Nanogenerator for IoT Cloud-Supported Self-Powered Smart Glove for Paralyzed Patient Care	ACS Applied Electronic Materials	6	7	5314	5327	4.3	10.1021/acsaelm.4c00942
1270	Biradar A., Rijesh M.	Microstructural evolution and mechanical properties of aluminum-graphite composites processed via accumulative roll bonding	Diamond and Related Materials	147				4.3	10.1016/j.diamond.2024.111330

1271	Gunasekhar R., Bindhu A., Reza M.S., Arun A.P., Kim K.J., Kim H.	Piezoelectric and Triboelectric Contributions by Aromatic Hyperbranched Polyesters of Second-Generation/PVDF Nanofiber-Based Nanogenerators for Energy Harvesting and Wearable Electronics	ACS Applied Electronic Materials	6	7	5036	5049	4.3	10.1021/acsaelm.4c00556
1272	S A.D., P S.P.A., Naveen J., Khan T., Khahro S.H.	Advancement in biomedical implant materials—a mini review	Frontiers in Bioengineering and Biotechnology	12				4.3	10.3389/fbioe.2024.1400918
1273	Shano L.B., Karthikeyan S., Kennedy L.J., Chinnathambi S., Pandian G.N.	MOFs for next-generation cancer therapeutics through a biophysical approach—a review	Frontiers in Bioengineering and Biotechnology	12				4.3	10.3389/fbioe.2024.1397804
1274	Philip A., Kumar A.R.	Electrochemical kinetics of a novel electrode material comprising different phases of MnO ₂ (Mn ₂ O ₃ , γ -, λ -, and δ -), graphite, and PVDF	Materials Chemistry and Physics	325				4.3	10.1016/j.matchemphys.2024.129793
1275	Madavarapu J.B., Nachiyappan S., Rajarajeswari S., Anusha N., Venkatachalam N., Madavarapu R.C.B., Ahilan A.	Hot Watch: IOT based Wearable Health Monitoring System	IEEE Sensors Journal			1	1	4.3	10.1109/JSEN.2024.3424348

1276	Bai M.N., Woo I., Subramanian N.V., Yoon J.U., Gajula P., Bae J.W., Arun A.P.	Influence of Pentaerythritol Core and Dimethylol Butanoic Acid Monomer-Based Aliphatic Hyperbranched Polyester on the Tribonegative Performance of Polyvinylidene Fluoride	ACS Applied Electronic Materials					4.3	10.1021/acsaelm.4c00542
1277	Sivakumar P., Raj C.J., Savariraj A.D., Manikandan R., Karuppasamy K., Alfantazi A., Jung H.	The Interwoven Structured Two-Dimensional NiCo Layered Double Hydroxide Tortuous Nanosheet as Performance-Enhanced Electrode Material toward Battery-Type Supercapacitor	International Journal of Energy Research	2024				4.3	10.1155/2024/3149906
1278	Selvaraj A.K., Prathiba S.B., Kumar A.D., Dhanalakshmi R., Gadekallu T.R., Srivastava G.	Co-Training-Based Personalized Federated Learning With Generative Adversarial Networks for Enhanced Mobile Smart Healthcare Diagnosis	IEEE Transactions on Consumer Electronics					4.3	10.1109/TCE.2024.3460469
1279	Thalakottukara D.D., Gandhi T.	Engaging vinylene carbonate in ruthenium-catalyzed regioselective C-4 methylenation and C-8 formylmethylation of isoquinolinones	Chemical Communications	60	75	10358	10361	4.3	10.1039/d4cc03466j
1280	Jeevanantham B., Shobana M.K., Ahmed S.A., Fu Y.-P., Su W.-N., Hwang B.J.	Improving high-voltage cycling and stabilizing the electrode-electrolyte interface of nickel-rich layered cathodes by magnesium doping	Journal of Physics and Chemistry of Solids	195				4.3	10.1016/j.jpics.2024.112296

1281	Yarlagadda V., Chowdhury A., Pal A., Mishra S., Satapathy S.K., Cho S.B., Mohanty S.N., Dutta A.K.	Predictive Monitoring in Process Mining Using Deep Learning for Better Consumer Service	IEEE Transactions on Consumer Electronics					4.3	10.1109/TCE.2024.3 456677
1282	Prayer Riju R., Arulvel S.	Synergistic impact of scan strategy and scan angles in laser powder bed fusion process on mechanical, tribological and cell viability properties of porous 316L SS structure	Materials Chemistry and Physics	328				4.3	10.1016/j.matchemp hys.2024.129971
1283	Italiya G.; Subramanian S.	Adsorptive and oxidative removal of phenolphthalein by sono-assisted synthesized FeAcC in advanced oxidation- integrated fluidized bed reactor	Water Reuse	14	3	396	417	4.3	10.2166/wrd.2024.0 28
1284	Ratnaji T.; Kennedy L.J.; Vijaya J.J.	Peanut Oil Cake Biomass- Derived Hierarchical Porous Carbon by Dual Step Activation as Potential Electrodes for Fabrication of Prototype Symmetric Supercapacitor Device	International Journal of Energy Research	2024				4.3	10.1155/2024/4961 636
1285	Rajeswari D.; Rajendran S.; Arivarasi A.; Govindasamy A.; Ahilan A.	TOSS: Deep Learning based Track Object Detection using Smart Sensor	IEEE Sensors Journal					4.3	10.1109/JSEN.2024. 3447730

1286	Srinivasan R.; Rajeswari D.; Arivarasi A.; Govindasamy A.	Real-Time Vehicle Classification and License Plate Recognition via Deformable Convolution based Yolo v8 Network	IEEE Sensors Journal					4.3	10.1109/JSEN.2024. 3453498
1287	Babu L.T.; Roy N.; Dasgupta T.; Ghosh S.; Tamizhselvi R.; Paira P.	Engineering biotin anchored- MWCNTs as a superb carrier for facile delivery of the potent Ru(ii)-N [^] N scaffold in breast cancer cells	Chemical Communications					4.3	10.1039/d4cc04276j
1288	Rajesh R.P.; Saravanakumar M.P.	Graphene quantum dots/persulfate boosted electro- oxidation for leachate degradation, carbon quantum dots extraction for anti- counterfeiting applications - a sustainable approach	Diamond and Related Materials	150	0	0	0	4.3	10.1016/j.diamond.20 24.111693
1289	Golla M.; Reddy D.V.S.; Thangavel S.; Padhy N.P.	An Improved Control Strategy for Active Power Injection and Power Quality Enhancement in a Low-Voltage Weak-Grid Integrated PV and Battery System	IEEE Transactions on Consumer Electronics	0	0	0	0	4.3	10.1109/TCE.2024.352 0952
1290	Raghupathy B.K.; Vairavasundaram S.; Ganesan M.; Namachivayam R.K.; Kotecha K.; Herencsar N.	Enhanced Quantum Convolutional Neural Network for Signature Authentication in Consumer Products	IEEE Transactions on Consumer Electronics	0	0	0	0	4.3	10.1109/TCE.2024.350 9624

1291	Ahmed S.T.; Sivakami R.; Banik D.; Khan S.B.; Dhanaraj R.K.; Vinoth Kumar V.; Mahesh T.R.; Almusharraf A.	Federated Learning Framework for Consumer IoMT-Edge Resource Recommendation Under Telemedicine Services	IEEE Transactions on Consumer Electronics	0	0	0	0	4.3	10.1109/TCE.2024.350 8090
1292	Thilakan A.P.; Hung P.-L.; Yang J.-B.; Lin D.-L.; Tzeng S.-D.; Hsu Y.-K.; Tsai C.-H.; Pai Y.-H.; Yabushita A.; Luo C.-W.; Chen M.-H.	Investigating Dopant Effects in ZnO as an Electron Transport Layer for Enhanced Efficiency in Organic Photovoltaics	Advanced Materials Interfaces	0	0	0	0	4.3	10.1002/admi.202400 923
1293	Li Z.; Sun F.; Rose L.; Nagesh G.; Shekar N.K.; Pedapati P.R.; Ansar A.; Kumar R.; Damodaran V.; Skaf D.; Rondeau- Gagne S.; Ahamed M.J.	Multilayered Single-Walled Carbon Nanotube-Based Flexible Temperature Sensor	IEEE Sensors Journal	0	0	0	0	4.3	10.1109/JSEN.2024.34 96295
1294	Bhat I.A., Mishra L.N., Mishra V.N., Tunç C., Tunç O.	Precision and efficiency of an interpolation approach to weakly singular integral equations	International Journal of Numerical Methods for Heat and Fluid Flow					4.2	10.1108/HFF-09- 2023-0553
1295	Ghosh H., Maurya P.K., Bagchi S.	Secret sharing based RFID protocol using ECC for TMIS	Peer-to-Peer Networking and Applications					4.2	10.1007/s12083-023- 01620-8
1296	Dinesh K., Svn S.K.	GWO-SMSLO: Grey wolf optimization based clustering with secured modified Sea Lion optimization routing algorithm in wireless sensor networks	Peer-to-Peer Networking and Applications					4.2	10.1007/s12083-023- 01603-9

1297	Dhandapani P., Srinivasan V., Parthipan P., AlSalhi M.S., Devanesan S., Narenkumar J., Rajamohan R., Ezhilselvi V., Rajasekar A.	Development of an environmentally sustainable technique to minimize the sludge production in the textile effluent sector through an electrokinetic (EK) coupled with electrooxidation (EO) approach	Environmental Geochemistry and Health	46	3			4.2	10.1007/s10653-023- 01847-7
1298	Rajkumar Y., Santhosh Kumar S.V.N.	A comprehensive survey on communication techniques for the realization of intelligent transportation systems in IoT based smart cities	Peer-to-Peer Networking and Applications					4.2	10.1007/s12083-024- 01627-9
1299	Yesodha K., Krishnamurthy M., Selvi M., Kannan A.	Intrusion detection system extended CNN and artificial bee colony optimization in wireless sensor networks	Peer-to-Peer Networking and Applications					4.2	10.1007/s12083-024- 01650-w
1300	Athulya P.A., Waychal Y., Rodriguez-Seijo A., Devalla S., Doss C.G.P., Chandrasekaran N.	Microplastic interactions in the agroecosystems: methodological advances and limitations in quantifying microplastics from agricultural soil	Environmental Geochemistry and Health	46	3			4.2	10.1007/s10653-023- 01800-8
1301	Preethi P.S., Hariharan N.M., Kumar S.D., Rameshpathy M., Subbaiya R., Karmegam N.	Actinobacterial peroxidase- mediated biodeterioration of hazardous explosive, 2, 4, 6, trinitrophenol by in silico and in vitro approaches	Environmental Geochemistry and Health	46	3			4.2	10.1007/s10653-024- 01903-w

1302	Rajkumar Y., Kumar S.V.N.S.	A lightweight privacy preserving distributed certificate-less aggregate based mutual authentication scheme for vehicular adhoc networks	Peer-to-Peer Networking and Applications					4.2	10.1007/s12083-024-01636-8
1303	Shanmugapriya R., SVN S.K.	An energy efficient Swan Intelligent based Clustering Technique (SICT) with fuzzy based secure routing protocol in IoT	Peer-to-Peer Networking and Applications					4.2	10.1007/s12083-024-01670-6
1304	Gopal M., Velmurugan T.	Efficient hybrid resource allocation for uplink and downlink device-to-device underlay communication in 5G and beyond wireless networks	Peer-to-Peer Networking and Applications					4.2	10.1007/s12083-024-01680-4
1305	Priya J.C., Praveen R., Nivitha K., Sudhakar T.	Improved blockchain-based user authentication protocol with ring signature for internet of medical things	Peer-to-Peer Networking and Applications					4.2	10.1007/s12083-024-01716-9
1306	Wani F.M., Vemuri J., Reddy K.S.K.K., Rajaram C.	Forecasting duration characteristics of near fault pulse-like ground motions using machine learning algorithms	Stochastic Environmental Research and Risk Assessment					4.2	10.1007/s00477-024-02729-9
1307	Soundararajan B., Vadivel S., Sembulichampalayam Sennimalai C.	Investigation of rainfall-induced landslide on unsaturated lateritic residual soil slope in Nilgiris, Western Ghats, India using deterministic and reliability analysis	Bulletin of Engineering Geology and the Environment	83	6			4.2	10.1007/s10064-024-03704-y

1308	Narenkumar J., kannabiran A., Ramalingam S., Parthipan P., Das B., AlSalhi M.S., Devanesan S., Kamala- Kannan S., Thanigaivel S., Rajasekar A.	Photo-catalytic dye degradation potentials of Ag–Pd bimetallic nanoparticles synthesized from Vitex negundo	Environmental Geochemistry and Health	46	6			4.2	10.1007/s10653-024- 01978-5
1309	Maridevaru M.C., Dube A., Kaimal R., Souwaileh A.A., Kannadasan S., Anandan S.	An iron metal-organic framework-based electrochemical sensor for identification of Bisphenol-A in groundwater samples	Analyst					4.2	10.1039/d4an00499j
1310	Chakrabarti S., Singha C.	Self-similar collapse in Painlevé–Gullstrand coordinates	European Physical Journal C	84	6			4.2	10.1140/epjc/s1005 2-024-12962-9
1311	Patel A.N., Murugan R., Maddikunta P.K.R., Yenduri G., Jhaveri R.H., Zhu Y., Gadekallu T.R.	AI-powered trustable and explainable fall detection system using transfer learning	Image and Vision Computing	149				4.2	10.1016/j.imavis.202 4.105164
1312	Rojas-González F.E., Castillo-Quevedo C., Rodríguez-Kessler P.L., Jimenez-Halla J.O.C., Vásquez-Espinal A., Eithiraj R.D., Cortez- Valadez M., Cabellos J.L.	Exploration of Free Energy Surface of the Au ₁₀ Nanocluster at Finite Temperature	Molecules	29	14			4.2	10.3390/molecules2 9143374
1313	Paulraj S., Vairavasundaram S.	M2VAD: Multiview multimodality transformer- based weakly supervised video anomaly detection	Image and Vision Computing	149				4.2	10.1016/j.imavis.202 4.105139

1314	Dora R.R., Trivedi K., Mohanty S.K., Koley S.	Oblique wave scattering by porous structures in the presence of current	Engineering Analysis with Boundary Elements	167				4.2	10.1016/j.enganabound.2024.105885
1315	Thien G.S.H., Azlan Razif A.R., Ebrahim Abdelhamed A.H., Lee C.-L., Lee L., Pang W.-L., Sivaramakrishna A., Thamankar R., Rajasekar N., Chan K.-Y.	A carbon electrode approach for TiO ₂ -write-once-read-many resistive memories	Materials Science in Semiconductor Processing	184				4.2	10.1016/j.mssp.2024.108839
1316	Lakshmi Narayanan V., Kumar Dhaked D., Sitharthan R.	Improved machine learning-based pitch controller for rated power generation in large-scale wind turbine	Renewable Energy Focus	50				4.2	10.1016/j.ref.2024.100603
1317	Battish N., Kaur D., Chugh M., Poddar S.	SDMNet: Spatially dilated multi-scale network for object detection for drone aerial imagery	Image and Vision Computing	150				4.2	10.1016/j.imavis.2024.105232
1318	Chinnasamy M.P.; Samanta B.; Kumar R.; Rathanasamy R.	Next-generation tungsten carbide cutting bits through cryogenic treatment technique for superior rock cutting performance for mining applications: An experimental study	International Journal of Refractory Metals and Hard Materials	125				4.2	10.1016/j.ijrmhm.2024.106923

1319	Gupta R.; Nandi S.; Santra S.S.; Saha S.; Vajravelu K.	Numerical simulation of an unsteady ternary hybrid nanofluid along a convectively heated curved stretching sheet: A Tiwari-Das model	Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems					4.2	10.1177/23977914241286681
1320	Chakrabarti S.; Anagha V.; Ganesh S.; Menon V.	A cosmological reconstruction of the Higgs vacuum expectation value	European Physical Journal C	84	12	0	0	4.2	10.1140/epjc/s10052-024-13626-4
1321	Xamidov T.; Shaymatov S.; Sheoran P.; Ahmedov B.	Astrophysical insights into magnetic Penrose process around parameterized Konoplya-Rezzolla-Zhidenko black hole	European Physical Journal C	84	12	0	0	4.2	10.1140/epjc/s10052-024-13658-w
1322	Dey S.; Pietschnig R.	1,1?-Disubstituted Ferrocene Ligand Scaffolds Featuring Pnictogens Other than Phosphorus as Donor Sites	Molecules	29	22	0	0	4.2	10.3390/molecules29225283
1323	P.S D.P., Philip A., Kumar A.R.	An investigation on the compositional effects of 3D graphite on the electrochemical performance of NiO-Co3O4 composite	Diamond and Related Materials	141				4.1	10.1016/j.diamond.2023.110597
1324	Manasa R.L., Mehta A.	Study of bacterial population dynamics in seed culture developed for ammonia reduction from synthetic wastewater	World Journal of Microbiology and Biotechnology	40	2			4.1	10.1007/s11274-023-03858-z

1325	Mantri Y., Öffner P., Ricchiuto M.	Fully well-balanced entropy controlled discontinuous Galerkin spectral element method for shallow water flows: Global flux quadrature and cell entropy correction	Journal of Computational Physics	498				4.1	10.1016/j.jcp.2023.112673
1326	Rahaman M., Paikaray B., Islam M., Mondal S., Moharana J., Pandiaraj S., Periyasami G., Giri R.	Simultaneous Effect of EBR on LLDPE and PDMS Rubber Blends and Its Nanocomposites for Cable Applications	ACS Omega	9	1	828	836	4.1	10.1021/acsomega.3c06766
1327	Ramachandran E., Krishnaiah R., Perumal Venkatesan E., Medapati S.R., Sabarish R., Khan S.A., Asif M., Linul E.	Experimental Studies to Reduce Usage of Fossil Fuels and Improve Green Fuels by Adopting Hydrogen-Ammonia-Biodiesel as Trinary Fuel for RCCI Engine	ACS Omega	9	1	741	752	4.1	10.1021/acsomega.3c06327
1328	Kongasseri A., Madhesan T., Krishna Kumar S., Pedugu Sivaraman S., Mitra S., Kancharlapalli Chinara P., Rao C.V.S.B., Nagarajan S., Deivasigamani P., Mohan A.M.	Amide-decorated reusable C18 silica-packed columns for the rapid, efficient and sequential separation of lanthanoids using reversed phase-high performance liquid chromatography	Journal of Chromatography A	1713				4.1	10.1016/j.chroma.2023.464509
1329	Poonkuzhali S., Jayagopal R.	Dominated coloring in certain networks	Soft Computing					4.1	10.1007/s00500-023-09568-w

1330	Ahmed S.T., Vinoth Kumar V., Mahesh T.R., Narasimha Prasad L.V., Velmurugan A.K., Muthukumaran V., Niveditha V.R.	FedOPT: federated learning-based heterogeneous resource recommendation and optimization for edge computing	Soft Computing					4.1	10.1007/s00500-023-09542-6
1331	Roy N., Krishnan K.	Multifunctional ZnO/Fc-rGO nanocomposite for enhanced adsorption and photocatalytic performance promoting acid violet 7-dye removal	Materials Science in Semiconductor Processing	174				4.1	10.1016/j.mssp.2024.108206
1332	Srinivasan M., Senthilkumar N.C.	Class imbalance data handling with optimal deep learning-based intrusion detection in IoT environment	Soft Computing	28	5	4519	4529	4.1	10.1007/s00500-023-09610-x
1333	Kumar K.A., Vanmathi C.	Segmentation and detection of skin cancer using fuzzy cognitive map and deep Seg Net	Soft Computing	28	5	4575	4592	4.1	10.1007/s00500-024-09644-9
1334	Venkatesan E.P., Krishnaiah R., Prasad K., Medapati S.R., Sree S.R., Asif M., Khan S.A., Linul E.	Compatibility Effects of Waste Cooking Oil Biodiesel Blend on Fuel System Elastomers in Compression Ignition Engines	ACS Omega	9	6	6709	6718	4.1	10.1021/acsomega.3c07871

1335	Ramachandran E., Krishnaiah R., Vellore Gangadharan S., Perumal Venkatesan E., Chandramurthy S.R., Medapati S.R., Shaik S., Saleel C.A., Alwetaishi M.	Multicriteria Decision-Making Technique for Choosing the Optimal Ammonia Energy Share in an Ammonia- Biodiesel-Fueled Reactivity- Controlled Compression Ignition Engine	ACS Omega	9	5	5203	5214	4.1	10.1021/acsomega.3 c04005
1336	Payyappilly L.J., Karthik Reddy K.S.K., Somala S.N.	Influence of rupture velocity on risk assessment of concrete moment frames: Supershear vs. subshear ruptures	Structures	60				4.1	10.1016/j.istruc.202 4.105895
1337	Surendran H., Akhas P.K.	Properties of high- performance concrete incorporating toughened glass waste coarse aggregate: An experimental study	Structures	60				4.1	10.1016/j.istruc.202 4.105897
1338	Rajendran D., Santhanam P.	Leveraging ensemble learning for stealth assessment model with game-based learning environment	Soft Computing	28	4	3509	3517	4.1	10.1007/s00500-023- 09605-8
1339	Nargatti K.I., Ahankari S.S., Dizon J.R.C., Subramaniam R.T.	Environmentally Friendly Water-Based Reduced Graphene Oxide/Cellulose Nanofiber Ink for Supercapacitor Electrode Applications	ACS Omega	9	10	11730	11737	4.1	10.1021/acsomega.3 c09139

1340	Tamizhselvi R., Bhaskar R., Ashok Kumar S.K., Mohandoss S., Lee Y.R., Napoleon A.A.	Functionalized 2- Hydrazinobenzothiazole with Bithiophene as a Colorimetric Sensor for Lethal Cyanide Ions and Its Application in Food Samples	ACS Omega	9	10	11223	11231	4.1	10.1021/acsomega.3 c06057
1341	Geetha G., Geethanjali P.	An efficient method for bearing fault diagnosis	Systems Science and Control Engineering	12	1			4.1	10.1080/21642583.2 024.2329264
1342	Anuradha D.S., Julietraja K., Jaganathan B., Alsinai A.	Curcumin-Conjugated PAMAM Dendrimers of Two Generations: Comparative Analysis of Physiochemical Properties Using Adriatic Topological Indices	ACS Omega					4.1	10.1021/acsomega.4 c00686
1343	Vinod A., Arvindha Babu D., Wuppulluri M.	A Short Review on the Evolution of Magnetocaloric La(Fe,Si) ₁₃ and Its Fabrication through Melt Spinning	ACS Omega	9	10	11110	11128	4.1	10.1021/acsomega.3 c08622
1344	Singh R., Priya H., Kumar S.R., Trivedi D., Prasad N., Ahmad F., Chengaiyan J.G., Haque S., Rana S.S.	Gum Ghatti: A Comprehensive Review on Production, Processing, Remarkable Properties, and Diverse Applications	ACS Omega	9	9	9974	9990	4.1	10.1021/acsomega.3 c08198
1345	Agnishwaran B., Manivasagam G., Udduttula A.	Molecularly Imprinted Polymers: Shaping the Future of Early-Stage Bone Loss Detection—A Review	ACS Omega	9	8	8730	8742	4.1	10.1021/acsomega.3 c08977

1346	Harshavarthini S., Gomathi D., Lee S.M.	Stabilization with unknown-input estimation for time-delayed systems using functional-observer-based feedback control design	Journal of the Franklin Institute	361	8			4.1	10.1016/j.jfranklin.2024.106794
1347	Lohitha N., Kumar P.H., Sarveswari S., Rathod S., Chaudhari S., Tamboli Y., Islam I., Vijayakumar V.	Synthesis, Characterization, In Silico DFT, Molecular Docking, and Dynamics Simulation Studies of Phenylhydrazono Phenoxyquinolones for Their Hypoglycemic Efficacy	ACS Omega	9	14	16384	16399	4.1	10.1021/acsomega.4c00079
1348	Balasundaram A., C Doss G.P.	Deciphering the Impact of Rare Missense Variants in EGFR-TKI-Resistant Non-Small-Cell Lung Cancer through Whole Exome Sequencing: A Computational Approach	ACS Omega	9	14	16288	16302	4.1	10.1021/acsomega.3c10229
1349	Guruprasad M., Gada Chengaiyan J., Ahmad F., Haque S., Capanoglu E., Rajoriya D.	Effect of Microwave-Based Dry Blanching on Drying of Potato Slices: A Comparative Study	ACS Omega	9	13	15143	15150	4.1	10.1021/acsomega.3c09465

1350	Koshy J.T., Sangeetha D., Bele Y., Rakshitha M.	Fabrication, Characterization, and Biological Evaluation of T. terrestris Incorporated Titanium-Doped ZnO/Cellulose Nanocomposite Films as a Therapeutic Hemostatic Scaffolds for Diabetic Wound Healing	ACS Omega	9	16	18327	18340	4.1	10.1021/acsomega.4c00174
1351	Anandapadmanaban K., Santhi A.S.	Bond Strength of Rectangular CFSST Columns after Exposed to Elevated Temperature	Civil Engineering Journal (Iran)	10	3	953	973	4.1	10.28991/CEJ-2024-010-03-019
1352	Babu A., Sinha A.	Catalytic Tetrazole Synthesis via [3+2] Cycloaddition of NaN ₃ to Organonitriles Promoted by Co(II)-complex: Isolation and Characterization of a Co(II)-diazido Intermediate	ACS Omega	9	19	21626	21636	4.1	10.1021/acsomega.4c02567
1353	Ghosh P.	Boronic Acid-Linked Cell-Penetrating Peptide for Protein Delivery	ACS Omega	9	17	19051	19056	4.1	10.1021/acsomega.3c09689
1354	Roy N., Paira P.	Glutathione Depletion and Stalwart Anticancer Activity of Metallotherapeutics Inducing Programmed Cell Death: Opening a New Window for Cancer Therapy	ACS Omega	9	19	20670	20701	4.1	10.1021/acsomega.3c08890

1355	V P., Kumar A.M.S., Praveen J.I.R., Venkatraman S., Kumar S.P., Aravintakshan S.A., Abeshek A., Kannan A.	Improved tomato leaf disease classification through adaptive ensemble models with exponential moving average fusion and enhanced weighted gradient optimization	Frontiers in Plant Science	15				4.1	10.3389/fpls.2024.1382416
1356	Khade V., Thirumalasetty A.B., Mathe V.L., Patankar K.K., Wuppulluri M.	Yocto energy assisted ternary ferroelectric barium tin calcium titanate for energy applications	Sensors and Actuators A: Physical	376				4.1	10.1016/j.sna.2024.115545
1357	Suhail S., Barman K.K., Saha S.	Gravity wave interaction with a heaving membrane above a thick porous bed	Physics of Fluids	36	6			4.1	10.1063/5.0209291
1358	Haribaskar R., Sampath Kumar T.	Surface integrity of consecutive shot-peened additively manufactured 316L stainless steel	Materials and Manufacturing Processes					4.1	10.1080/10426914.2024.2368542
1359	Aravindraj K., Mohana Roopan S.	Blue LED assisted indazolone preparation using reusable CuWO ₄ /g-C ₃ N ₅ nanocomposite	Journal of Photochemistry and Photobiology A: Chemistry	456				4.1	10.1016/j.jphotochem.2024.115832
1360	Madan K., Guru S., Madan M., Shanmugam R., Seshagiri Rao H., Ranga Rao G.	Mn/Fe co-doped TiO ₂ nanotube arrays for photoelectrochemical water splitting in neutral medium	Journal of Photochemistry and Photobiology A: Chemistry	456				4.1	10.1016/j.jphotochem.2024.115816
1361	Manikandan P., Venkatesan K.	Advancements in micromachining of additive manufactured materials: a comprehensive review	Materials and Manufacturing Processes					4.1	10.1080/10426914.2024.2362621

1362	Seenu P., Kulathu Iyer S.	A phenanthridine-based fluorescent sensor for selective ratiometric detection of BF3 with AIE properties and applications in environmental monitoring	Dyes and Pigments	230				4.1	10.1016/j.dyepig.2024.112351
1363	Mann S., Sharma J.G., Kataria R.	Enhancement in sugar extraction from Pistia stratiotes through statistical optimization of alkaline pre-treatment and enzymatic hydrolysis	International Biodeterioration and Biodegradation	193				4.1	10.1016/j.ibiod.2024.105852
1364	Bharath H., Venkatesan K.	Experimental investigation on turning Inconel 713C under different cooling conditions using a new honeycomb-textured tool	Materials and Manufacturing Processes	39	12	1749	1774	4.1	10.1080/10426914.2024.2362619
1365	Aswiga R.V., Sridevi S., Indira B.	Leveraging Quantum Kernel Support Vector Machine for breast cancer diagnosis from Digital Breast Tomosynthesis images	Quantum Machine Intelligence	6	2			4.1	10.1007/s42484-024-00170-3
1366	Subramani G., Manian R.	Optimizing bio-vanillin synthesis from ferulic acid via <i>Pediococcus acidilactici</i> : A systematic approach to process enhancement and yield maximization	Journal of Biotechnology	393		49	60	4.1	10.1016/j.jbiotec.2024.07.005

1367	Mohammad S.H., Chung Y.H., Arya S.	Orbital angular momentum beamforming techniques for indoor multiuser optical wireless communications	ICT Express					4.1	10.1016/j.icte.2024.07.004
1368	Mal S., Panchal S.	Drought and salt stress mitigation in crop plants using stress-tolerant auxin-producing endophytic bacteria: a futuristic approach towards sustainable agriculture	Frontiers in Plant Science	15				4.1	10.3389/fpls.2024.1422504
1369	Kim H., Do Y., Ramachandran S., Sankar M., Thirumalaisamy K.	Computational analysis of magnetohydrodynamic ternary-hybrid nanofluid flow and heat transfer inside a porous cavity with shape effects	Physics of Fluids	36	8			4.1	10.1063/5.0222802
1370	Subiksha V.S., Viswanathan T., Prabu S., Palanisami N.	Effect of multi-donor and extended π -conjugation in ferrocene appended indanedione chromophores for aggregation induced emission enhancement (AIEE) and nonlinear optics†	Dyes and Pigments	231				4.1	10.1016/j.dyepig.2024.112422

1371	Kumar S.R., David E.M., Pavithra G.J., Kumar G.S., Lesharadevi K., Akshaya S., Basavaraddi C., Navyashree G., Arpitha P.S., Sreedevi P., Zainuddin K., Firdous S., Babu B.R., Prashanth M.U., Ravikumar G., Basavaraj P., Chavana S.K., Kumar V.M.L.D., Parthasarathi T., Subbian E.	Methane-derived microbial biostimulant reduces greenhouse gas emissions and improves rice yield	Frontiers in Plant Science	15				4.1	10.3389/fpls.2024.1432460
1372	K A., R S., R K., V K.	Repercussion of hybridization on AWJM surface quality of cotton and corn hybrid composite	Materials and Manufacturing Processes					4.1	10.1080/10426914.2024.2394996
1373	Prasad O.K., Chandrasekaran S., Napari M., Purnama I., Nugroho A., Georgiadou D.G., Chung C.-H., Chang K.-M., Simanjuntak F.M.	γ -ray -induced Effects in Al:HfO ₂ -based Memristor Devices for Memory and Sensor Applications	IEEE Electron Device Letters					4.1	10.1109/LED.2024.3454294
1374	Kannaiyan A.; Raj T.K.R.; Sarno L.; Urbanowicz K.; Martino R.	A generalized mathematical model for the damped free motion of a liquid column in a vertical U-tube	Physics of Fluids	36	10	0	0	4.1	10.1063/5.0232548

1375	Khan A.; Naaz I.; Fathima MS A.	Do Consumers Love Ethical E-Tailers?: Investigating the Influence of Perceived Ethics on Brand Love	Journal of Internet Commerce	23	4	445	468	4.1	10.1080/15332861.2024.2424140
1376	Manochkumar J.; Jonnalagadda A.; Cherukuri A.K.; Vannier B.; Janjaroen D.; Chandrasekaran R.; Ramamoorthy S.	Machine learning-based prediction models unleash the enhanced production of fucoxanthin in Isochrysis galbana	Frontiers in Plant Science	15	0	0	0	4.1	10.3389/fpls.2024.1461610
1377	Shobha V.; Baskar P.; Varma S.V.K.; Kumar B.R.	Analysis of thermophoresis and transpiration impacts on electromagnetic convective non-Darcy radiative flow past a rotating cone	Physics of Fluids	36	12	0	0	4.1	10.1063/5.0242015
1378	Chandran Ramachandran J.; Sadasivan S.; Arumugam S.K.; Chen F.	Two-phase radial ejector for transcritical CO2 refrigeration	Physics of Fluids	36	12	0	0	4.1	10.1063/5.0244439
1379	Chellammal G.R., Elakkiya V., Shanmugam S.	A new heterojunction nickel aluminate/cerium oxide for the photocatalytic degradation of coloured organic pollutants	Journal of Physics and Chemistry of Solids	186				4	10.1016/j.jpcs.2023.111807
1380	Bhat I.A., Mishra L.N.	A comparative study of discretization techniques for augmented Urysohn type nonlinear functional Volterra integral equations and their convergence analysis	Applied Mathematics and Computation	470				4	10.1016/j.amc.2024.128555

1381	Chellaiya Thomas Rueshwin S., Eithiraj R.D.	An investigation of the 2D Rb2O monolayer intrinsic properties from a theoretical perspective using DFT	Journal of Physics and Chemistry of Solids	187				4	10.1016/j.jpics.2023. 111855
1382	Hariharan M., Vijay A., Cabellos J.L., Algethami N., Parthiban S., Eithiraj R.D.	Structural, electronic, magnetic, and thermoelectric properties of full-Heusler alloys A2CoS (A=Cu, Zn) for spintronic application via conceptual DFT study	Journal of Physics and Chemistry of Solids	187				4	10.1016/j.jpics.2023. 111858
1383	K K., S R., Raja S.P., Rowlo P.K.	Generation Expansion Planning considering environmental impact and sustainable development for an Indian state using the LEAP platform	Utilities Policy	86				4	10.1016/j.jup.2023.1 01702
1384	Manivannan V.R., Venkataraman M.	Helmholtz operators on infinite graphs	Heliyon	10	2			4	10.1016/j.heliyon.20 24.e24761
1385	Naik N.C.K., Priya R.K., Ağbulut Ü., Gürel A.E., Shaik S., Alzaed A.N., Alwetaishi M., Alahmadi A.A.	Experimental and numerical analysis of the thermal performance of pebble solar thermal collector	Heliyon	10	2			4	10.1016/j.heliyon.20 24.e24218
1386	Arockiaraj M., Campena J.H., Berin Greeni A., Ghani M.U., Gajavalli S., Tchier F., Jan A.Z.	QSPR analysis of distance- based structural indices for drug compounds in tuberculosis treatment	Heliyon	10	2			4	10.1016/j.heliyon.20 24.e23981
1387	D N., S D.Y.	On the antimagicness of generalized edge corona graphs	Heliyon	10	2			4	10.1016/j.heliyon.20 24.e24002

1388	Rajadurai M., Kaliyaperumal P.	On SIR-based MCDM approach: Selecting a charcoal firm using hybrid fuzzy number on a Triple Vague structure	Heliyon	10	2			4	10.1016/j.heliyon.2024.e24248
1389	Sindhu S., Arockiasamy S.	Synthesis, crystal structure, thermal stability and biological study of bis{(2-methoxy-6-[(E)-(propylimino)methyl]phenolato)nickel(II) complex	Heliyon	10	2			4	10.1016/j.heliyon.2024.e24108
1390	Ashok N., Saraswathy R.	Association of polymorphisms of vitamin D gene in children with asthma and allergic rhinitis – Hospital based study	Heliyon	10	1			4	10.1016/j.heliyon.2023.e23673
1391	Ravikumar A., Sriraman H.	DPro-SM – A distributed framework for proactive straggler mitigation using LSTM	Heliyon	10	1			4	10.1016/j.heliyon.2023.e23567
1392	Premalatha M., Jayasudha M., Čep R., Priyadarshini J., Kalita K., Chatterjee P.	A comparative evaluation of nature-inspired algorithms for feature selection problems	Heliyon	10	1			4	10.1016/j.heliyon.2023.e23571
1393	Ishaniya W., Sumithaa C., Subramani M., Karanath-Anilkumar A., Munuswamy-Ramanujam G., Madan Kumar A., Rajendran S., Ganeshpandian M.	Polydiacetylene/lipid-coated red-emissive silica nanorods for the sustained release and ameliorated anticancer efficacy of a Ru(arene) complex bearing piperlongumine natural product	Dalton Transactions					4	10.1039/d3dt02940a

1394	Manikandan M., Priya G.L., Manikandan E., Sethumadhavan V.	ZnO Nanoparticle-Enhanced Electrochemical Sensor Utilizing Moringa Oleifera Leaf Extract for Real-Time Dopamine Detection	Journal of Inorganic and Organometallic Polymers and Materials					4	10.1007/s10904-023-02955-8
1395	Banerjee M., Rajeswari V.D.	Green synthesis of selenium nanoparticles using leaf extract of Moringa oleifera, their biological applications, and effects on the growth of Phaseolus vulgaris:- Agricultural synthetic biotechnology for sustainable nutrition	Biocatalysis and Agricultural Biotechnology	55				4	10.1016/j.bcab.2023.102978
1396	Dutta R., Das S., Bhengra N., Vishwakarma S.K., Das S.K.	Nonlocal effect on shear wave propagation in a fiber-reinforced poroelastic layered structure subjected to interfacial impulsive disturbance	Soil Dynamics and Earthquake Engineering	176				4	10.1016/j.soildyn.2023.108307
1397	Lakshmi Priya R., Ganesh Babu S.	Shape selective studies on different morphological spinel-structured cobalt oxide loaded rGO nanocomposites: A comprehensive, potential and low-temperature coupling reactions	Journal of Physics and Chemistry of Solids	184				4	10.1016/j.jpccs.2023.111711
1398	Beg K., Padmapriya B., Shajar S.N., Ahmad M.M., Faiyyaz A.G.	The bibliometric analysis of previous twenty- five years' literature: A microfinance review	Heliyon	10	3			4	10.1016/j.heliyon.2024.e24979

1399	Akansha J., Thakur S., Chaithanya M.S., Gupta B.S., Das S., Das B., Rajasekar N., Priya K.	Technological and economic analysis of electrokinetic remediation of contaminated soil: A global perspective and its application in Indian scenario	Heliyon	10	2			4	10.1016/j.heliyon.20 24.e24293
1400	Omer S.N., Saravanan P., Kumar P., Kannan R.R., Rajasimman M., Shanmugam V.	Insights into renewable biohydrogen production from algal biomass: technical hurdles and economic analysis	Biomass Conversion and Biorefinery					4	10.1007/s13399-023- 05263-w
1401	Baskaran J., Muthukannan D., Shukla R., Konda Gokuldoss P.	Manufacturability and deformation studies on a novel metallic lattice structure fabricated by Selective Laser Melting	Vacuum	222				4	10.1016/j.vacuum.2 024.113065
1402	Nutakki M., Mandava S.	Optimizing home energy management: Robust and efficient solutions powered by attention networks	Heliyon	10	4			4	10.1016/j.heliyon.20 24.e26397
1403	C S., Subramaniam S.K.	Cobot selection using hybrid AHP-TOPSIS based multi- criteria decision making technique for fuel filter assembly process	Heliyon	10	4			4	10.1016/j.heliyon.20 24.e26374
1404	Deepika R., Muthunagai K.	Generalization of adding angular momenta and circular potential in quaternionic quantum mechanics	Heliyon	10	4			4	10.1016/j.heliyon.20 24.e25597

1405	Mann S., Sharma J.G., Kataria R.	Optimization of acidic pre-treatment conditions using response surface methodology for ethanol production from Pistia stratiotes using Saccharomyces cerevisiae and Pichia stipitis	Biomass Conversion and Biorefinery					4	10.1007/s13399-024-05394-8
1406	Wagh M.S., Osborne W.J., Sivarajan S., Benjamin L.K.	Repurposing lead, nickel and cadmium resistant Bacillus xiamenensis VITMSJ3 in the effective inhibition of Spodoptera litura larvae: A mechanistic perspective	Biocatalysis and Agricultural Biotechnology	55				4	10.1016/j.bcab.2023.102991
1407	Ahmad F., Sudesh R., Ahmed A.T., Haque S.	Roles of HOTAIR Long Non-coding RNA in Gliomas and Other CNS Disorders	Cellular and Molecular Neurobiology	44	1			4	10.1007/s10571-024-01455-8
1408	Maldybayev G., Korabayev A., Sharipov R., Al Azzam K.M., Negim E.-S., Baigenzhenov O., Alimzhanova A., Panigrahi M., Shayakhmetova R.	Processing of titanium-containing ores for the production of titanium products: A comprehensive review	Heliyon	10	3			4	10.1016/j.heliyon.2024.e24966
1409	Tripathy S.S., Bebortta S., Chowdhary C.L., Mukherjee T., Kim S., Shafi J., Ijaz M.F.	FedHealthFog: A federated learning-enabled approach towards healthcare analytics over fog computing platform	Heliyon	10	5			4	10.1016/j.heliyon.2024.e26416
1410	Haider S., Zafar S., Jindal A.	Socioeconomic drivers of residential electricity expenditures in India	Utilities Policy	88				4	10.1016/j.jup.2024.101735

1411	F R.V.R., A P.F.	NERC standards based cascaded FO controller for frequency regulation in restructured model with flow resources	Heliyon	10	6			4	10.1016/j.heliyon.2024.e27796
1412	V N., D S., Alaswad A., V S V.	Techno-economic, energy, and exergy analyses of invasive weed gasification for hydrogen enriched producer gas production	Heliyon	10	6			4	10.1016/j.heliyon.2024.e27673
1413	Kattiakara Muni Samy M.R., Gudipalli A.	Design circular polarized antenna at ISM band for WBAN using parasitic elements	Heliyon	10	6			4	10.1016/j.heliyon.2024.e27780
1414	S N.V., Sripada D., V S., Aghaei M.	Detection of visual faults in photovoltaic modules using a stacking ensemble approach	Heliyon	10	6			4	10.1016/j.heliyon.2024.e27894
1415	Varun Sai B.S., Mohanty R., Mohanty S., Chatterjee D., Dhanamjayulu C., Chinthajinjala R., Kotb H., Elrashidi A.	An efficient MPPT techniques for inter-harmonic reduction in grid connected hybrid wind and solar energy systems	Heliyon	10	5			4	10.1016/j.heliyon.2024.e27312
1416	Siva Sivamani G.K., Gudipalli A.	Design and implementation of DATA logging and stabilization system for a UAV	Heliyon	10	4			4	10.1016/j.heliyon.2024.e26394
1417	Gopi S., Mohapatra P.	Fast random opposition-based learning Aquila optimization algorithm	Heliyon	10	4			4	10.1016/j.heliyon.2024.e26187

1418	Ulagarjun U., Varma V.V., Menon A.K., Gobinath N., Palanivelrajan A.R., Yunus Khan T.M., Baig R.U., Almakayeel N., M F.	Investigation on effect of cerium oxide additive in waste plastic oil fueled CI engine	Heliyon	10	4			4	10.1016/j.heliyon.2024.e26146
1419	Das U., Paira P.	Exploring the phototoxicity of GSH-resistant 2-(5,6-dichloro-1H-benzo[d]imidazol-2-yl)quinoline-based Ir(iii)-PTA complexes in MDA-MB-231 cancer cells	Dalton Transactions					4	10.1039/d3dt04361d
1420	Babu L.T., Das U., Das R., Kar B., Paira P.	Re(i)[2-aryl-1H-imidazo[4,5-f][1,10]phenanthroline] tricarbonyl chloride complexes for selective cancer therapy via a potential DNA damage mechanism	Dalton Transactions					4	10.1039/d3dt04383e
1421	Shobana N., Prakash P., Samrot A.V., Saigeetha S., Dhiva S., Thirumurugan A., Rajalakshmi D., Renitta R.E., Abirami S.	Natural biopolymer mediated green synthesis of silver nanoparticles and its applications in environmental remediation	Biomass Conversion and Biorefinery					4	10.1007/s13399-024-05282-1
1422	Ahmad F., Singh V., Raza A., Mathkor D.M., Haque S., Tawil S., Rodriguez-Morales A.J.	Spike in superbug fungus Candida auris cases: A lethal risk to fragile hospital patients – are we ready to tackle this emerging menace?	New Microbes and New Infections	58				4	10.1016/j.nmni.2024.101231

1423	Chitluri K.K., Emerson I.A.	The importance of protein domain mutations in cancer therapy	Heliyon	10	6			4	10.1016/j.heliyon.2024.e27655
1424	Kumar S., Raghupathy R., Vittadello M.	Sodium Polymer Electrolytes: A Review	Batteries	10	3			4	10.3390/batteries10030073
1425	V B., M A.X.	Development of high entropy alloys (HEAs): Current trends	Heliyon					4	10.1016/j.heliyon.2024.e26464
1426	Roopan S.M., Prakash S.H., Manjupriya R., Afridha M.S.H.F., Rajesh A., Sneha R., Kumar P.V., Shobika M.	Biomass-derived carbon quantum dots-supported metal oxide composite for the photocatalytic degradation of toxic pollutants	Biomass Conversion and Biorefinery					4	10.1007/s13399-024-05422-7
1427	Jhariat P., Kareem A., Kumari P., Sarfudeen S., Panda P., Senthilkumar S., Panda T.	A series of isostructural metal-organic frameworks for an enhanced electro-catalytic oxygen evolution reaction	Dalton Transactions	53	15	6568	6574	4	10.1039/d4dt00210e
1428	Thangaraj V., Raja Sree T.	MSCO: Mobility-aware Secure Computation Offloading in blockchain-enabled Fog computing environments	Journal of Cloud Computing	13	1			4	10.1186/s13677-024-00599-8
1429	Velmurugan S., Prakash M., Neelakandan S., Radhakrishnan A.	Provably secure data selective sharing scheme with cloud-based decentralized trust management systems	Journal of Cloud Computing	13	1			4	10.1186/s13677-024-00634-8

1430	Harshavarthini S., Lee S.M.	Truncated predictive tracking control design for semi-Markovian jump systems with time-varying input delays	Applied Mathematics and Computation	474				4	10.1016/j.amc.2024.128686
1431	Sneha G., Eithiraj R.D.	Combined DFT and MD simulation approach for the investigation of intrinsic material properties of T-phase Rb ₂ Se monolayer	Journal of Physics and Chemistry of Solids	190				4	10.1016/j.jpccs.2024.112020
1432	Selvaraj T., Gallelo G., Mehra A., Rungta K., Jaganathan B., Ramacciotti M., Pastor A., Raneri S.	Rare earth elements sediment analysis tracing anthropogenic activities in the stratigraphic sequence of Alagankulam (India)	Heliyon	10	9			4	10.1016/j.heliyon.2024.e29767
1433	Lavanya J M S., P S.	Innovative approach towards early prediction of ovarian cancer: Machine learning-enabled XAI techniques	Heliyon	10	9			4	10.1016/j.heliyon.2024.e29197
1434	Pootheri A., Lopez W.M., Saraswathy R.	A case-control study on asthma and obese patients: Influence of lifestyle patterns, serum trace elements, heavy metals, and total antioxidants	Heliyon	10	8			4	10.1016/j.heliyon.2024.e29270
1435	Amrutha B., Anand Prabu A., Pathak M.	Enhancing piezoelectric effect of PVDF electrospun fiber through NiO nanoparticles for wearable applications	Heliyon	10	7			4	10.1016/j.heliyon.2024.e29192

1436	Kumar S., Chinthajjala R., C D., Kim T.-H., Abbas M., Pau G., Reddy N.B., Member, IEEE	Enhancing underwater target localization through proximity- driven recurrent neural networks	Heliyon	10	7			4	10.1016/j.heliyon.20 24.e28725
1437	Jayabarathi T., Raghunathan T., Mithulanathan N., Cherukuri S.H.C., Loknath Sai G.	Enhancement of distribution system performance with reconfiguration, distributed generation and capacitor bank deployment	Heliyon	10	7			4	10.1016/j.heliyon.20 24.e26343
1438	Deepak, Pitchaimani J., Nadimpalli R., Mailan Chinnapandi L.B.	Exploring the acoustic potential of 3D printed micro- perforated panels: A comparative analysis	Heliyon	10	7			4	10.1016/j.heliyon.20 24.e28612
1439	Angadi S., Viswanadha K., Chinthajjala R., C D., Tai-hoon K., S K.	Meta-atom loaded circularly polarized triple band patch antenna for Wi-Fi, ISM and X- band communications	Heliyon	10	7			4	10.1016/j.heliyon.20 24.e28906
1440	M K., Mohan Menon P., C G.P.D., Natarajan C.	Interaction of eugenol-based anti-tuberculosis nanoemulsion with bovine serum albumin: A spectroscopic study including Rifampicin, Isoniazid, Pyrazinamide, and Ethambutol	Heliyon	10	7			4	10.1016/j.heliyon.20 24.e28306
1441	Kumar V.V., Dhanalakshmi S., Raghunathan V., Ayyappan V., Sanjay M.R., Siengchin S.	Characterization of Allium sativum stalk-based biomass for automotive brake pad applications	Biomass Conversion and Biorefinery					4	10.1007/s13399-024- 05590-6

1442	Sharmila K., Srinivasan L., Vijayalakshmi K., Alshalwi M., Alotaibi K.M., Sudha P.N., Supriya Prasad P., Sugashini S., Lavanya G., Deepa M.	Evaluation of efficacy of chitosan oligosaccharide-salicylaldehyde Schiff base to extract copper(II) and chromium(VI) from synthetic wastewater	Biomass Conversion and Biorefinery					4	10.1007/s13399-024-05522-4
1443	Papitha R., Selvaraj C.I.	Synthesis of CuO-based nanomaterials and its biological studies using <i>Parkia timoriana</i> bark	Biomass Conversion and Biorefinery					4	10.1007/s13399-024-05554-w
1444	Pitchumani S.V., Sivakumar M., Sampath A., Gopalan V.	Investigation into the mechanical and thermal properties of coir fibre-reinforced PVC composites using RSM-based different algorithm techniques	Biomass Conversion and Biorefinery					4	10.1007/s13399-024-05542-0
1445	Dey T., Ghosh A., Sanyal A., Charles C.J., Pokharel S., Nair L., Singh M., Kaity S., Ravichandiran V., Kaur K., Roy S.	Surface engineered nanodiamonds: mechanistic intervention in biomedical applications for diagnosis and treatment of cancer	Biomedical Materials (Bristol)	19	3			4	10.1088/1748-605X/ad3abb
1446	Charles D.A., Prince S.E.	Deciphering the molecular mechanism of NLRP3 in BPA-mediated toxicity: Implications for targeted therapies	Heliyon	10	7			4	10.1016/j.heliyon.2024.e28917

1447	Anandhi G., Iyapparaja M.	Systematic approaches to machine learning models for predicting pesticide toxicity	Heliyon	10	7			4	10.1016/j.heliyon.2024.e28752
1448	Karan Kumar K., Nutakki M., Koduru S., Mandava S.	Quantum support vector machine for forecasting house energy consumption: a comparative study with deep learning models	Journal of Cloud Computing	13	1			4	10.1186/s13677-024-00669-x
1449	Prayer Riju R., Arulvel S.	A comparative analysis of compressive and wear failure of laser-powder bed fused Stainless Steel 316L produced with different hatch spacing in stripe and contour patterns	Engineering Failure Analysis	162				4	10.1016/j.engfailana.2024.108429
1450	Sumithra P., Alsath M.G.N., Jegadishkumar K., Kannadassan D.	RF Circuit Analysis of UWB Planar Log Periodic Antenna for 5G Communications using the Theory of Characteristics Modes	IEEE Open Journal of Antennas and Propagation			1	1	4	10.1109/OJAP.2024.3398147
1451	Keerthana B., Raju N., CV R., Anbazhagan R., Kim T.-H., Mohammad F.	Designing optimal prototype filters for maximally decimated Cosine Modulated filter banks with rapid convergence	Heliyon	10	11			4	10.1016/j.heliyon.2024.e31912

1452	Mohan N., Pal A., Saharan V., Kumar A., Vashishth R., Prince S.E.	Development, characterization, and evaluation of Zn-SA-chitosan bionanoconjugates on wheat seed, experiencing chilling stress during germination	Heliyon	10	11			4	10.1016/j.heliyon.2024.e31708
1453	Natarajan E., Augustin F.	A bipolar fuzzy decision-making system for assessing high-risk coexisting tuberculosis disease in pregnant women	Heliyon	10	11			4	10.1016/j.heliyon.2024.e31416
1454	Kavitha K.C., Jagatheswari S.	Monophonic rubbing number of some standard graphs	Heliyon	10	11			4	10.1016/j.heliyon.2024.e31679
1455	Jacqueline P.J., Velvizhi G.	Co-fermentation exploiting glucose and xylose utilizing thermotolerant <i>S. cerevisiae</i> of highly lignified biomass for biofuel production: Statistical optimization and kinetic models	Biocatalysis and Agricultural Biotechnology	58				4	10.1016/j.bcab.2024.103197
1456	Nithiyandham E.K., Srutha Keerthi B.	Image edge detection enhancement using coefficients of Sakaguchi type functions mapped onto petal shaped domain	Heliyon	10	10			4	10.1016/j.heliyon.2024.e31430
1457	Swain S., Tripathy A.K.	Automatic detection of potholes using VGG-16 pre-trained network and Convolutional Neural Network	Heliyon	10	10			4	10.1016/j.heliyon.2024.e30957

1458	Chandran V., Mohapatra P.	A novel multi-strategy ameliorated quasi-oppositional chaotic tunicate swarm algorithm for global optimization and constrained engineering applications	Heliyon	10	10			4	10.1016/j.heliyon.2024.e30757
1459	Bhol R., Swain S.C., Dash R., Jyotheeswara Reddy K., Dhanamjayulu C., Kotb H., Emara A.	Performance analysis of DFIG support microgrid using GA optimized restricted Boltzmann Machine algorithm	Heliyon	10	10			4	10.1016/j.heliyon.2024.e30669
1460	M.S. I., Lakshminarayana P.	Effects of double diffusion and induced magnetic field on convective flow of a Casson nanofluid over a stretching surface	Heliyon	10	10			4	10.1016/j.heliyon.2024.e31040
1461	N B., T P.	Dynamics of energy transport on hydromagnetic Casson slippery nanoflow over curved surface	Heliyon	10	9			4	10.1016/j.heliyon.2024.e30638
1462	Pasha A., Ahmed S.T., Painam R.K., Mathivanan S.K., P K., Mallik S., Qin H.	Leveraging ANFIS with Adam and PSO optimizers for Parkinson's disease	Heliyon	10	9			4	10.1016/j.heliyon.2024.e30241
1463	Palanivelan R., Ramya S., Aradhana S., Ayyasamy P.M., Sabour A.A.A., Muthusamy R., Narayanan M.	Bioprospective decolourization of reactive azo dyes at pilot scale by a developed bacterial consortium using the RSM and CCD model	Biomass Conversion and Biorefinery					4	10.1007/s13399-024-05701-3

1464	Dey S., Ghosh N., Nath S., Gopal G., Paul S., Mukherjee A., Paul S., Kundu R.	Application of multi-metallic nanoparticles in agriculture: The more, the better?	Biocatalysis and Agricultural Biotechnology	58				4	10.1016/j.bcab.2024.103238
1465	Veilumuthu P., Nagarajan T., Magar S., Sundaresan S., Moses L.J., Theodore T., Christopher J.G.	Genomic insights into an endophytic Streptomyces sp. VITGV156 for antimicrobial compounds	Frontiers in Microbiology	15				4	10.3389/fmicb.2024.1407289
1466	Juliet R., Loganathan A., Neeravi A., Bakthavatchalam Y.D., Veeraraghavan B., Manohar P., Nachimuthu R.	Characterization of Salmonella phage of the genus Kayfunavirus isolated from sewage infecting clinical strains of Salmonella enterica	Frontiers in Microbiology	15				4	10.3389/fmicb.2024.1391777
1467	Selvaraj S., Gurumurthy K.	Metagenomic, organoleptic profiling, and nutritional properties of fermented kombucha tea substituted with recycled substrates	Frontiers in Microbiology	15				4	10.3389/fmicb.2024.1367697
1468	Nair S.R., Subathra Devi C.	Bioprospecting of serratiopeptidase-producing bacteria from different sources	Frontiers in Microbiology	15				4	10.3389/fmicb.2024.1382816
1469	Mohan G., M. M.S.	A RadPath combo network for brain tumor classification using the novel split-stitch algorithm	Computers and Electrical Engineering	118				4	10.1016/j.compeleceng.2024.109400
1470	M K., MS S.	Bernstein approximation-based adaptive local thresholding for enhanced edge detection	Computers and Electrical Engineering	118				4	10.1016/j.compeleceng.2024.109397

1471	Philip A.O., M U S., Paul R., Saravanaguru R.A.K.	Towards intelligent trust-based incident and evidence management models for Internet of Vehicles: A survey	Computers and Electrical Engineering	117				4	10.1016/j.compeleceng.2024.109284
1472	Ramesh K.S., Munusamy S., Saravanakumar M., Manigandan S., Muthusamy K., Vinitha G., Sekar M.	Comprehensive investigation of 2-methylquinolinium-5-sulphosalicylate monohydrate: Synthesis, characterization, multifaceted analysis of molecular structure, optical, and nonlinear optical properties	Journal of Molecular Structure	1317				4	10.1016/j.molstruc.2024.139050
1473	Rajapriya R., Dangate M.S.	1H, 1, 2, 3- Triazole Tethered imidazole-Isatin conjugates: Synthesis, DFT and optical properties	Journal of Molecular Structure	1316				4	10.1016/j.molstruc.2024.138872
1474	Ramya K., Shanmugam R., Latha S., Sahana R., Mounica P., Elangovan A., Arivazhagan G.	Self-associates of 1,2,4-triazole: FTIR studies, quantum chemical calculations and topological analysis	Journal of Molecular Structure	1316				4	10.1016/j.molstruc.2024.138926

1475	Mohamed S.K., Lai C.-H., Karthikeyan S., Soliman A.A.E., Radwan S.M., Marae I.S., Zaki R.M., Bakhite E.A., Mague J.T., Abuelizz H.A., Al-Salahi R., El Bakri Y.	Synthesis, single crystal investigations, and quantum computational investigation of a new 1,1'-(3,5-dihydroxy-3-methyl-2'-nitro-1,2,3,4-tetrahydro-[1,1'-biphenyl]-2,6-diyl)bis(ethan-1-one) as a potent inhibitor for Cytochrome P450 3A4	Journal of Molecular Structure	1315				4	10.1016/j.molstruc.2024.138895
1476	Raja P., Velmurugan P., Sivaram C.V., Sarbajna A., Maity A.R., Dutta S., Garai S., Mishra A.K., Mandal D., Ghatak T.	A novel Fe(III) and 2-amino-perimidinium based hybrid material catalyzed Friedel–Crafts type hydroarylation of alkynes: Scope and mechanism	Journal of Molecular Structure	1314				4	10.1016/j.molstruc.2024.138750
1477	Sudharsan S., Hemalatha V., Sarveswari S., Vijayakumar V.	A highly selective and sensitive quinoline-based fluorescent turn-off chemosensor for the detection of picric acid	Journal of Molecular Structure	1317				4	10.1016/j.molstruc.2024.139087
1478	Iqbal M., Pratap B., Sathiyam P., Stonier A.A., Vanaja D.S., Peter G., Arun V.	A modular multiport Landsman converter-driven hybrid EV charging station with adaptive power management system	Computers and Electrical Engineering	118				4	10.1016/j.compeleceng.2024.109422
1479	G S., N A.P.	An efficient buck-boost converter for fast active balancing of lithium-ion battery packs in electric vehicle applications	Computers and Electrical Engineering	118				4	10.1016/j.compeleceng.2024.109429

1480	Samy S., Alagumuthu M., Dangate M.S.	Antimicrobial effects of new tetrahydrofurans	European Journal of Medicinal Chemistry Reports	12					4	10.1016/j.ejmcr.2024.100191
1481	V.P C., Bakthavatchalam B., J.S J., Habib K., Kusekar S.K.	Conjugate heat transfer analysis of developing region of square ducts for isothermal and isoflux boundary conditions	International Journal of Numerical Methods for Heat and Fluid Flow						4	10.1108/HFF-12-2023-0742
1482	Balasurendran J., Balhara A., Jafar M., Sudarshan K., Bahadur J., Gupta S.K.	Contrasting role of Ca ²⁺ on the Gd ₂ TiO ₅ : Eu ³⁺ light emission under charge transfer and f-f band excitation: Interplay of oxygen vacancies and structural distortion	Journal of Molecular Structure	1318					4	10.1016/j.molstruc.2024.139296
1483	N P., Thirumalaivasan R., Ashok B.	Design of sliding mode controller with improved reaching law through self-learning strategy to mitigate the torque ripple in BLDC motor for electric vehicles	Computers and Electrical Engineering	118					4	10.1016/j.compeleceng.2024.109438
1484	Raveendran N., Vasugi K.	Evolution of concrete encased – CFST column: A comprehensive review on structural behavior and performance characteristics	Steel and Composite Structures	51	6	619	645		4	10.12989/scs.2024.51.6.619

1485	Dhandapani V., Karpagam S.	Novel phenothiazine appended thiophene and pyridine for highly selective and sensitive detection of hypochlorite in aqueous and living cells	Journal of Molecular Structure	1318				4	10.1016/j.molstruc.2024.139227
1486	Thangavel S., Raghavendra Rao N.S., shaw M., Raju S., Dhanamjayulu C.	Reliability analysis of a three-phase interleaved step-up DC-DC converter for electric vehicle	Computers and Electrical Engineering	118				4	10.1016/j.compeleceng.2024.109428
1487	Lakshminarayanan K., Murugan D., Venkatesan J., Vasanthakumari Thirumalaiswamy H., Gadai C., Rangasamy L.	Siderophore-Conjugated Antifungals: A Strategy to Potentially Cure Fungal Infections	ACS Infectious Diseases					4	10.1021/acsinfecdis.4c00046
1488	S J.F., M S., R S., OV G.S., H R., B A.K.	Efficient power factor correction in single phase AC–DC boost converter for retrofitted electric bicycle battery charging: A finite element analysis approach	Computers and Electrical Engineering	119				4	10.1016/j.compeleceng.2024.109549
1489	Muniasamy R., Manjubala I.	Synergistic combination of baicalein and rifampicin against Staphylococcus aureus biofilms	Frontiers in Microbiology	15				4	10.3389/fmicb.2024.1458267
1490	Lakshmanan R., Balakrishnan S., Mahendran A., Subramanian A.K.	Multimodal healthcare data classification with Tangent Namib Beetle Optimization based routing in blockchain based IoT	Computers and Electrical Engineering	120				4	10.1016/j.compeleceng.2024.109614

1491	Dhanapal P., Manju S.L.	Thiophene appended schiff base probe for selective 'turn-on' response for copper (ii) ion and their applications in live cell imaging Thiophene appended schiff base probe for selective 'turn-on' response for copper (ii) ion and their applications in live cell imaging	Synthetic Metals	309					4	10.1016/j.synthmet.2024.117752
1492	Sakthiram T.; Srikanth R.; Yogesh L.; Prabhakar M.	Real-time monitoring and control of a PV-fed enhanced cubic voltage gain converter for DC microgrid	Computers and Electrical Engineering	120					4	10.1016/j.compeleceng.2024.109761
1493	Narenkumar J.; Das B.; Abilaji S.; Sathishkumar K.; AlSalhi M.S.; Devanesan S.; Rajasekar A.; Malik T.	Biosurfactant-assisted bio-electrokinetic enhanced remediation of heavy metal-contaminated soil	Frontiers in Microbiology	15					4	10.3389/fmicb.2024.1458369
1494	Bhat I.A.; Mishra L.N.; Mishra V.N.; Tunc C.	Analysis of efficient discretization technique for nonlinear integral equations of Hammerstein type	International Journal of Numerical Methods for Heat and Fluid Flow						4	10.1108/HFF-06-2024-0459
1495	Sahadevan V.K.; Mishra U.	Blockchain-enabled integrated three-layer bio-circular economy model with wastewater treatment, emissions, and controlled cheese spoilage	Journal of Industrial and Production Engineering	0	0	0	0		4	10.1080/21681015.2024.2424827

1496	Shankar S.; Sathiavelu M.	Paradendryphiella arenariae an endophytic fungus of Centella asiatica inhibits the bacterial pathogens of fish and shellfish	Frontiers in Microbiology	15	0	0	0	4	10.3389/fmicb.2024.1441525
1497	Elangovan H.; Gnanasekar S.; Barathan V.; Samuel S.S.; Reddy M.R.; Rajamohan V.	Dynamic response of hybrid composite semi-ellipsoidal dome structure: Numerical and experimental investigations	Steel and Composite Structures	53	3	285	300	4	10.12989/scs.2024.53.3.285
1498	R. J.C., Arumugam S.K., Sadasivan S., John B., Kanna P.R.	Effect of spindle position on the performance and two-phase characteristics of controllable ejector for transcritical CO2 refrigeration system	Journal of Supercritical Fluids	205				3.9	10.1016/j.supflu.2023.106125
1499	Johnson V., Gandhiraj V.	Effect of rare earth doped perovskite on the structural, linear/nonlinear optical properties of the fabricated PVA/CMC polymeric blends for optical limiting applications	Optical Materials	148				3.9	10.1016/j.optmat.2024.114824
1500	Govindasamy C., Al-Numair K.S., Alsaif M.A., Gopalakrishnan A.V., Ganesan R.	Assessment of metabolic responses following silica nanoparticles in zebrafish models using 1H NMR analysis	Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology	276				3.9	10.1016/j.cbpc.2023.109808

1501	Vijaya S., Kennedy L.J.	From waste to energy storage: post-consumer waste expanded polystyrene/rGO composite as a high performance self-standing electrode for coin cell supercapacitors	RSC Advances	14	1	689	699	3.9	10.1039/d3ra07071a
1502	Rajasekaran U., Kothandaraman M.	A Novel Custom One-Dimensional Time-Series DenseNet for Water Pipeline Leak Detection and Localization Using Acousto-Optic Sensor	IEEE Access			1	1	3.9	10.1109/ACCESS.2024.3352646
1503	Gnanavendan S., Selvaraj S.K., Jithin Dev S., Mahato K.K., Srii Swathish R., Sundaramali G., Accouche O., Azab M.	Challenges, Solutions and Future trends in EV-Technology: A Review	IEEE Access			1	1	3.9	10.1109/ACCESS.2024.3353378
1504	Pravin S.C., Elias S., Rohith G., Sivaraman V.B., Asnath Vicky Phamila Y.	Disfluency Assessment using Deep Super Learners	IEEE Access			1	1	3.9	10.1109/ACCESS.2024.3356350
1505	Aruna Kumari N., Bharath Sreenivasulu V., Vijayvargiya V., Upadhyay A.K., Ajayan J., Uma M.	Performance Comparison of Nanosheet FET, CombFET and TreeFET: Device and Circuit Perspective	IEEE Access			1	1	3.9	10.1109/ACCESS.2024.3352642

1506	Sripriyanka G., Mahendran A.	Securing IoMT: A Hybrid Model for DDoS Attack Detection and COVID-19 Classification	IEEE Access			1	1	3.9	10.1109/ACCESS.2024.3354034
1507	Sasikumar A., Ravi L., Devarajan M., Selvalakshmi A., Almaktoom A.T., Almazyad A.S., Xiong G., Mohamed A.W.	Blockchain-Assisted Hierarchical Attribute-based Encryption scheme for Secure Information Sharing in Industrial Internet of Things	IEEE Access			1	1	3.9	10.1109/ACCESS.2024.3354846
1508	Munusami C., Venkatesan R.	A Compact Boat Shaped Dual-Band MIMO antenna with Enhanced Isolation for 5G / WLAN Application	IEEE Access			1	1	3.9	10.1109/ACCESS.2024.3356078
1509	Aravind K., Maddikunta P.K.R.	Optimized Fuzzy Logic based Energy-Efficient Geographical Data Routing in Internet of Things	IEEE Access			1	1	3.9	10.1109/ACCESS.2024.3354174
1510	Sukumaran A., Manoharan A.	Multimodal Engagement Recognition from Image traits using Deep Learning Techniques	IEEE Access			1	1	3.9	10.1109/ACCESS.2024.3353053
1511	Acharya M., Mohbey K.K., Rajput D.S.	Long-Term Preference Mining with Temporal and Spatial Fusion For Point-of-Interest Recommendation	IEEE Access			1	1	3.9	10.1109/ACCESS.2024.3354934
1512	Khouser G.H., Choukiker Y.K., Bhowmick A.	Gain Enhancement in Microstrip Patch Antenna With High Negative Refractive Index 3D-Metamaterial Inspired Superstrate for Wireless Applications	IEEE Access	12		7372	7381	3.9	10.1109/ACCESS.2024.3352118

1513	Mahesh T.R., Santhakumar D., Balajee A., Shreenidhi H.S., Vinoth Kumar V., Annand J.R.	Hybrid Ant Lion Mutated Ant Colony Optimizer Technique with Particle Swarm Optimization for Leukemia Prediction Using Microarray Gene Data	IEEE Access			1	1	3.9	10.1109/ACCESS.202 4.3351871
1514	Sreenivasulu V.B., Neelam A.K., Panigrahy A.K., Vakkalakula L., Singh J., Singh S.G.	Benchmarking of Multi-Bridge- Channel FETs Toward Analog and Mixed-Mode Circuit Applications	IEEE Access	12		7531	7539	3.9	10.1109/ACCESS.202 4.3350779
1515	Agarwal I., Singh A., Agarwal A., Mishra S., Satapathy S.K., Prusty M.K., Mohanty S.N.	Enhancing Road Safety and Cybersecurity in Traffic Management Systems: Leveraging the Potential of Reinforcement Learning	IEEE Access			1	1	3.9	10.1109/ACCESS.202 4.3350271
1516	ChandraUmakantham O., Singh I., Marappan S.	Optimizing Patient Recruitment for Clinical Trials: A Hybrid Classification Model and Game-Theoretic Approach for Strategic Interaction	IEEE Access			1	1	3.9	10.1109/ACCESS.202 4.3351688
1517	Munavar Sheriff I., Sakthivel R.	The Artificial Neuron: Built from Nanosheet Transistors to Achieve Ultra Low Power Consumption	IEEE Access			1	1	3.9	10.1109/ACCESS.202 4.3350268
1518	Jithendra T., Khan M.Z., Basha S.S., Das R., Divya A., Chowdhary C.L., Alahmadi A., Alahmadi A.H.	A Novel QoS Prediction Model for Web Services Based on an Adaptive Neuro-Fuzzy Inference System Using COOT Optimization	IEEE Access	12		6993	7008	3.9	10.1109/ACCESS.202 4.3350642

1519	Nenavath D.N., Perumal B.	Artificial Marker to Predict (Banganapalle) Mango Fruit Size at Multi-Targets of an Image Using Semantic Segmentation	IEEE Access	12		6914	6925	3.9	10.1109/ACCESS.2024.3351210
1520	Kondepogu V., Bhattacharyya B.	Hybrid AE and Bi-LSTM-Aided Sparse Multipath Channel Estimation in OFDM Systems	IEEE Access			1	1	3.9	10.1109/ACCESS.2024.3350212
1521	Dasari S., Kaluri R.	An Effective Classification of DDoS Attacks in a Distributed Network by Adopting Hierarchical Machine Learning and Hyperparameters Optimization Techniques	IEEE Access			1	1	3.9	10.1109/ACCESS.2024.3352281
1522	Kande G.B., Ravi L., Kande N., Nalluri M.R., Kotb H., Aboras K.M., Yousef A., Ghadi Y.Y., Sasikumar A.	MSR U-Net: An Improved U-Net Model for Retinal Blood Vessel Segmentation	IEEE Access	12		534	551	3.9	10.1109/ACCESS.2023.3347196
1523	Mohanty R., Chatterjee D., Mohanty S., Shrivastava S., Dash S.K., Gautam S.P., Bingi K.	Lower Output Voltage Harmonics with Optimum Switching Angles of Single PV-Source Based Reduced Switch Multilevel Inverter using BWO Algorithm	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3349185
1524	George J., Mani G.	A Portrayal of Sliding Mode Control Through Adaptive Neuro Fuzzy Inference System With Optimization Perspective	IEEE Access	12		3222	3239	3.9	10.1109/ACCESS.2023.3348836

1525	Karunanithi C., Natarajan S.	Surface characteristics of 3D printed PEEK polymer using atomic force microscopy	Journal of the Mechanical Behavior of Biomedical Materials	149					3.9	10.1016/j.jmbbm.2023.106237
1526	Johnson M., Vijayakumar V.	An analysis on the optimal control results for second-order Sobolev-type delay differential inclusions of Clarke's subdifferential type	Communications in Nonlinear Science and Numerical Simulation	128					3.9	10.1016/j.cnsns.2023.107649
1527	Chankaya M., Naqvi S.B.Q., Hussain I., Singh B., Ahmad A.	Power quality enhancement and improved dynamics of a grid tied PV system using equilibrium optimization control based regulation of DC bus voltage	Electric Power Systems Research	226					3.9	10.1016/j.epsr.2023.109911
1528	Bhattacharya S., Sadhukhan D., Saraswathy R.	Role of sex in immune response and epigenetic mechanisms	Epigenetics and Chromatin	17	1				3.9	10.1186/s13072-024-00525-x
1529	Mahesh P., Panigrahy D., Nayak C.	Single-layer graphene-based electrically-magnetically tunable multi-mode and broadband terahertz absorber: A comprehensive study	Optical Materials	149					3.9	10.1016/j.optmat.2024.115045
1530	Kavitha S., Vizhi R.E.	Investigation on the growth aspects and properties of rubidium hydrogen succinate hydrate single crystal for NLO applications	RSC Advances	14	9	6016	6027		3.9	10.1039/d3ra07579f

1531	Kumar Y.R., Thangamani J.G., Karthik T.V.K., Deshmukh K., Pasha S.K.K.	A novel flexible CO ₂ gas sensor based on polyvinyl alcohol/yttrium oxide nanocomposite films	RSC Advances	14	8	5022	5036	3.9	10.1039/d3ra04257j
1532	Vinayagam D., Subramanian K.	A phenothiazine- functionalized pyridine-based AIEE-active molecule: a versatile molecular probe for highly sensitive detection of hypochlorite and picric acid	RSC Advances	14	8	5149	5158	3.9	10.1039/d3ra08451 e
1533	Karthikeyan S., Thirunarayanan A., Shano L.B., Hemamalini A., Sundaramoorthy A., Mangaiyarkarasi R., Abu N., Ganesan S., Chinnathambi S., Pandian G.N.	Chalcone derivatives' interaction with human serum albumin and cyclooxygenase- 2	RSC Advances	14	4	2835	2849	3.9	10.1039/d3ra07438 b
1534	Sunny M.M., Thamankar R.	Spike rate dependent synaptic characteristics in lamellar, multilayered alpha-MoO ₃ based two-terminal devices - efficient way to control the synaptic amplification	RSC Advances	14	4	2518	2528	3.9	10.1039/d3ra07757 h
1535	Karthik R., Menaka R., Kishore P., Aswin R., Vikram C.	Dual Mode PID Controller for Path Planning of Encoder Less Mobile Robots in Warehouse Environment	IEEE Access	12		21634	21646	3.9	10.1109/ACCESS.202 4.3363898

1536	Ramesh B., Lakshmana K.	A Novel Early Detection and Prevention of Coronary Heart Disease Framework Using Hybrid Deep Learning Model and Neural Fuzzy Inference System	IEEE Access			1	1	3.9	10.1109/ACCESS.2024.3366537
1537	Padma A., Ramaiah M.	Blockchain Based an Efficient and Secure Privacy Preserved Framework for Smart Cities	IEEE Access	12		21985	22002	3.9	10.1109/ACCESS.2024.3364078
1538	ChandraUmakantham O.K., Gajendran S., Marappan S.	Enhancing Intrusion Detection through Federated Learning with Enhanced Ghost_BiNet and Homomorphic Encryption	IEEE Access			1	1	3.9	10.1109/ACCESS.2024.3362347
1539	Raji N.R., Kumar R.M.S., Biji C.L.	Explainable Machine Learning Prediction for the Academic Performance of Deaf Scholars	IEEE Access	12		23595	23612	3.9	10.1109/ACCESS.2024.3363634
1540	Karthik R., Menaka R., Ompirakash S., Murugan P.B., Meenakashi M., Lingaswamy S., Won D.	GrapeLeafNet: A Dual-Track Feature Fusion Network with Inception-ResNet and Shuffle-Transformer for Accurate Grape Leaf Disease Identification	IEEE Access	12		19612	19624	3.9	10.1109/ACCESS.2024.3361044
1541	Tatipatri N., Arun S.L.	A Comprehensive Review on Cyber-Attacks in Power Systems: Impact Analysis, Detection, and Cyber Security	IEEE Access	12		18147	18167	3.9	10.1109/ACCESS.2024.3361039

1542	Narayanan G., Cvitić I., Peraković D., Raja S.P.	Role of Blockchain Technology in Supplychain Management	IEEE Access	12		19021	19034	3.9	10.1109/ACCESS.2024.3361310
1543	Ragasudha C.P., Hemamalini S.	Performance Analysis of a High Gain Bidirectional DC-DC Converter Fed Drive for an Electric Vehicle With Battery Charging Capability During Braking	IEEE Access	12		14499	14511	3.9	10.1109/ACCESS.2024.3357726
1544	Sachin D.N., Annappa B., Hegde S., Abhijit C.S., Ambesange S.	FedCure: A Heterogeneity-Aware Personalized Federated Learning Framework for Intelligent Healthcare Applications in IoMT Environments	IEEE Access	12		15867	15883	3.9	10.1109/ACCESS.2024.3357514
1545	Rhesa M.J., Revathi S.	DBKNN and Radial-ANFIS Model for Energy Efficient Wireless Sensor Network	IEEE Access	12		15917	15929	3.9	10.1109/ACCESS.2024.3358196
1546	Tanwar N., Kumar M.R., Naidu R.C.	Design of Solid State Tesla Coil With Music Playback Functionality	IEEE Access	12		14285	14297	3.9	10.1109/ACCESS.2024.3357534
1547	Kumar P.V., Madhumitha G.	Clay based heterogeneous catalysts for carbon-nitrogen bond formation: a review	RSC Advances	14	7	4810	4834	3.9	10.1039/d3ra06358e
1548	Harini U., Ponraj C.	Review—Graphene-Based Electrochemical Sensors for Detecting Environmental Pollutants	Journal of the Electrochemical Society	171	2			3.9	10.1149/1945-7111/ad26e3
1549	Aberna P., Agilandeewari L.	Optimal Semi-Fragile Watermarking based on Maximum Entropy Random Walk and Swin Transformer for Tamper Localization	IEEE Access			1	1	3.9	10.1109/ACCESS.2024.3370411

1550	Sudhakar G., Rajan Babu D.	Growth and characterization of piperazine oxalic acid monochloride semiorganic NLO single crystals	Optical Materials	150					3.9	10.1016/j.optmat.2024.115123
1551	Ilakiyalakshmi M., Napoleon A.A.	Phenothiazine appended thiophene derivative: a trilateral approach to copper ion detection in living cells and aqueous samples	RSC Advances	14	13	8885	8895		3.9	10.1039/d3ra07608c
1552	Alsharyani A.K., Muruganandam L.	Fabrication of zinc oxide nanorods for photocatalytic degradation of docosane, a petroleum pollutant, under solar light simulator	RSC Advances	14	13	9038	9049		3.9	10.1039/d4ra00672k
1553	Muthiah M., Sivarajan S., Madasamy N., Natarajan A., Ayyavoo R.	Analyzing Rainfall Trends Using Statistical Methods across Vaippar Basin, Tamil Nadu, India: A Comprehensive Study	Sustainability (Switzerland)	16	5				3.9	10.3390/su16051957
1554	Majumder J., Gupta A.K., Sanyal P., Kumar P., Mohanty R.N., Sharma R., Kuppusamy M., Panigrahi M.K.	Surface oceanographic changes from ~ 25,000 to 3500 cal yr BP in the eastern Arabian Sea	Global and Planetary Change	234					3.9	10.1016/j.gloplacha.2024.104397
1555	Chatterjee A., Joy A., Purkayastha P.	Microviscosity-Assisted Disaggregation of a Model Ophthalmic Drug and FRET-Controlled Singlet Oxygen Generation in Lyotropic Liquid Crystals	Langmuir	40	8	4321	4332		3.9	10.1021/acs.langmuir.3c03588

1556	Pandian M.T., Somasundaram D., Sahu H.K., Sindhu A.S., Kumaresan A., Watson N.V.	Optimizing Large-Scale RFID Networks with Energy-Efficient Dynamic Cluster Head Selection: A Performance Improvement Approach	IEEE Access			1	1	3.9	10.1109/ACCESS.2024.3378528
1557	Al Moteri M., Mahesh T.R., Thakur A., Vinoth Kumar V., Khan S.B., Alojail M.	Enhancing accessibility for improved diagnosis with modified EfficientNetV2-S and cyclic learning rate strategy in women with disabilities and breast cancer	Frontiers in Medicine	11				3.9	10.3389/fmed.2024.1373244
1558	Saiteja P., Ashok B., Mason B., Suresh Kumar P.	Assessment of Adaptive Self- Learning-Based BLDC Motor Energy Management Controller in Electric Vehicles under Real-World Driving Conditions for Performance Characteristics	IEEE Access			1	1	3.9	10.1109/ACCESS.2024.3375753
1559	Anil V., Arun S.L.	Enhancing Transactive Energy Trading Framework for Residential End Users	IEEE Access			1	1	3.9	10.1109/ACCESS.2024.3377129
1560	Geetha K., Hota M.K.	Seismic Random Noise Suppression using Optimal ANFIS as an Adaptive Self- tuning Filter and Wavelet Thresholding	IEEE Access			1	1	3.9	10.1109/ACCESS.2024.3377143

1561	Doodi R., Gunji B.M.	Experimental and numerical investigation on novel three-dimensional printed bio-inspired hexagonal lattices for energy absorption and stiffness behavior	Mechanics Based Design of Structures and Machines					3.9	10.1080/15397734.2024.2326609
1562	Jacob N., Viswanatham V.M.	Sentiment Analysis using Improved Atom Search Optimizer with a Simulated Annealing and ReLU based Gated Recurrent Unit	IEEE Access			1	1	3.9	10.1109/ACCESS.2024.3375119
1563	Brahmam M.G., Vijay Anand R.	VMMISD: An efficient load balancing model for Virtual Machine Migrations via fused Metaheuristics with Iterative Security Measures and Deep Learning Optimizations	IEEE Access			1	1	3.9	10.1109/ACCESS.2024.3373465
1564	Arulappan A., Mahanti A., Passi K., Srinivasan T., Naha R., Raja G.	DQN Approach for Adaptive Self-Healing of VNFs in Cloud-Native Network	IEEE Access	12		34489	34504	3.9	10.1109/ACCESS.2024.3365635
1565	Kanagavel M., Thanikaiselvan V.	Adjustment of Pixel Intensity for Removal of Color Casts in Underwater Images	IEEE Access	12		32266	32277	3.9	10.1109/ACCESS.2024.3370597
1566	Chaki J., Ucar A.	An Efficient and Robust Approach Using Inductive Transfer-Based Ensemble Deep Neural Networks for Kidney Stone Detection	IEEE Access	12		32894	32910	3.9	10.1109/ACCESS.2024.3370672

1567	Prathiba S.B., Raja K., Saiabirami R.V., Kannan G.	An Energy-Aware Tailored Resource Management for Cellular-Based Zero-Touch Deterministic Industrial M2M Networks	IEEE Access	12		33613	33627	3.9	10.1109/ACCESS.2024.3372417
1568	Kumba K., Simon S.P., Gundu V., Upender P., Ra N., Sarkar M.	An Evaluation of Battery Degradation and Predictive Methods Under Resistive Load Caused by Intermittent Solar Radiation	IEEE Access	12		33720	33729	3.9	10.1109/ACCESS.2024.3369914
1569	Bharanidharan N., Sannasi Chakravarthy S., Venkatesan V.K., Abbas M., Mahesh T.R., Mohan E., Venkatesan K.	Local Entropy Based Remora Optimization and Sparse Autoencoders for Cancer Diagnosis through Microarray Gene Expression Analysis	IEEE Access			1	1	3.9	10.1109/ACCESS.2024.3371887
1570	Jayalatchumy D., Ramalingam R., Balakrishnan A., Safran M., Alfarhood S.	Improved Crow Search-Based Feature Selection and Ensemble Learning for IoT Intrusion Detection	IEEE Access	12		33218	33235	3.9	10.1109/ACCESS.2024.3372859
1571	Daniel R C., Sudhagar P.E.	Vibration analysis of bio-inspired sandwich composite beam under rotating environment based on the Internet of Things technology	Mechanics Based Design of Structures and Machines					3.9	10.1080/15397734.2024.2323151
1572	Balasubbareddy M., Sivasankaran K.	Impact of Device-to-Device Thermal Interference Due to Self-Heating on the Performance of Stacked Nanosheet FETs	IEEE Access	12		26401	26409	3.9	10.1109/ACCESS.2024.3366347

1573	Shridevi S., Elias S.	Explainable AI Based Neck Direction Prediction and Analysis During Head Impacts	IEEE Access	12		31399	31408	3.9	10.1109/ACCESS.2024.3367602
1574	Ishteyaq I., Muzaffar K., Shafi N., Alathbah M.A.	Unleashing the Power of Tomorrow: Exploration of Next Frontier With 6G Networks and Cutting Edge Technologies	IEEE Access	12		29445	29463	3.9	10.1109/ACCESS.2024.3367976
1575	Babu B.P., Narayanan S.J.	Optimizing Target Recognition in Synthetic Aperture Radar Imagery: A Hyperparameter-Tuned Approach With Iterative Transfer Learning and Branched-Convolutional Neural Network	IEEE Access	12		28484	28499	3.9	10.1109/ACCESS.2024.3367429
1576	Vaishali K., Prabha D.R.	The Reliability and Economic Evaluation Approach for Various Configurations of EV Charging Stations	IEEE Access	12		26267	26280	3.9	10.1109/ACCESS.2024.3367133
1577	Selvaraj M., Vijay R., Anbazhagan R., Ravikumar C.V., Pau G., Kumar S., Prabu S.	Study of Complementary Loop Integrated Metasurface for 6G THz Communication	IEEE Access	12		29900	29909	3.9	10.1109/ACCESS.2024.3367444
1578	Neelakandan R., Kaliyaperumal G.	Extreme Rate Optimal Index Code	IEEE Access	12		34592	34605	3.9	10.1109/ACCESS.2024.3368632
1579	Mohan K.N., Choukiker Y.K.	Higher Order Bandpass Single and Dual Band Frequency Selective Surfaces With Aperture Coupled Patch Resonators	IEEE Access	12		25254	25264	3.9	10.1109/ACCESS.2024.3366452

1580	Nallakaruppan M.K., Somayaji S.R.K., Fuladi S., Benedetto F., Ulaganathan S.K., Yenduri G.	Enhancing Security of Host-Based Intrusion Detection Systems for the Internet of Things	IEEE Access	12		31788	31797	3.9	10.1109/ACCESS.2024.3355794
1581	Anandhi G., Iyapparaja M.	Photocatalytic degradation of drugs and dyes using a machine learning approach	RSC Advances	14	13	9003	9019	3.9	10.1039/d4ra00711e
1582	John D., George K., Radhakrishnan E.K.	A concise update on the synthetic transformation of aurones via asymmetric cycloaddition, annulation, and Michael/Mannich reactions	RSC Advances	14	9	6339	6359	3.9	10.1039/d3ra08575a
1583	Gopi B., Vijayakumar V.	Synthesis molecular docking and DFT studies on novel indazole derivatives	RSC Advances	14	19	13218	13226	3.9	10.1039/d4ra02151g
1584	Thanigachalam S., Pathak M.	Bioactive O ^N O ^A Schiff base appended homoleptic titanium(IV) complexes: DFT, BSA/CT-DNA interactions, molecular docking and antitumor activity against HeLa and A549 cell lines	RSC Advances	14	19	13062	13082	3.9	10.1039/d3ra08574k
1585	Benny A.T., Thamim M., Srivastava P., Suresh S., Thirumoorthy K., Rangasamy L., Karthikeyan S., Easwaran N., Radhakrishnan E.K.	Synthesis and study of antibiofilm and antivirulence properties of flavonol analogues generated by palladium catalyzed ligand free Suzuki-Miyaura coupling against Pseudomonas aeruginosa PAO1	RSC Advances	14	18	12278	12293	3.9	10.1039/d3ra08617h

1586	Sundararajan K., Srinivasan K.	A Synergistic Optimization Algorithm with Attribute and Instance Weighting Approach for Effective Drought Prediction in Tamil Nadu	Sustainability (Switzerland)	16	7			3.9	10.3390/su16072936
1587	Swaminathan D., Rajagopalan A., Nidumolu V., Alroobaea R., Kotb H., Aboras K.M., Elrashidi A.	ODTRA-Based Task Offload Optimization for Industrial Internet of Things: Improving Efficiency and Performance With Digital Twins and Metaheuristic Optimization	IEEE Access	12		51796	51817	3.9	10.1109/ACCESS.2024.3385636
1588	Kumar D., Raushan R., Chakraborty S.	A Single Source Quadruple Boost Nine-Level Switched-Capacitor Inverter with Reduced Components and Continuous Input Current	IEEE Access	12		52922	52933	3.9	10.1109/ACCESS.2024.3386747
1589	Pandian J.A., Thirunavukarasu R., Kotei E.	A Novel Convolutional Neural Network Model for Automatic Speaker Identification from Speech Signals	IEEE Access	12		51381	51394	3.9	10.1109/ACCESS.2024.3385858
1590	Deepika S., Jaisankar N.	Detecting and Classifying Myocardial Infarction in Echocardiogram Frames with an Enhanced CNN Algorithm and ECV-3D Network	IEEE Access	12		51690	51703	3.9	10.1109/ACCESS.2024.3385787

1591	Koshy S.S., Jani Anbarasi L.	LMHistNet: Levenberg-Marquardt Based Deep Neural Network for Classification of Breast Cancer Histopathological Images	IEEE Access	12		52051	52066	3.9	10.1109/ACCESS.2024.3385011
1592	Sasikumar K., Nagarajan S.	Comprehensive Review and Analysis of Cryptography Techniques in Cloud Computing	IEEE Access	12		52325	52351	3.9	10.1109/ACCESS.2024.3385449
1593	Godbin A.B., Jasmine S.G.	Leveraging Radiomics and Genetic Algorithms to Improve Lung Infection Diagnosis in X-Ray Images Using Machine Learning	IEEE Access	12		47656	47671	3.9	10.1109/ACCESS.2024.3383781
1594	Palanisamy S., Lala H.	Optimal Sizing of Renewable Energy Powered Hydrogen and Electric Vehicle Charging Station (HEVCS)	IEEE Access	12		48239	48254	3.9	10.1109/ACCESS.2024.3383960
1595	Gajendran S., Muthusamy R., Ravi K., Chandraumakantham O., Marappan S.	Elliptic Crypt With Secured Blockchain Assisted Federated Q-Learning Framework for Smart Healthcare	IEEE Access	12		45923	45935	3.9	10.1109/ACCESS.2024.3381528
1596	Chaki J., Wozniak M.	Deep Learning and Artificial Intelligence in Action (2019-2023): A Review on Brain Stroke Detection, Diagnosis, and Intelligent Post-Stroke Rehabilitation Management	IEEE Access	12		52161	52181	3.9	10.1109/ACCESS.2024.3383140

1597	Mahesh T.R., Chandrasekaran S., Ram V.A., Kumar V.V., Vivek V., Guluwadi S.	Data-Driven Intelligent Condition Adaptation of Feature Extraction for Bearing Fault Detection Using Deep Responsible Active Learning	IEEE Access	12		45381	45397	3.9	10.1109/ACCESS.202 4.3380438
1598	Al-Ali A., Al-Maadeed S., Saleh M., Naidu R.C., Alex Z.C., Ramachandran P., Khoodeeram R., Rajesh Kumar M.	The Detection of Dysarthria Severity Levels Using AI Models: A Review	IEEE Access	12		48223	48238	3.9	10.1109/ACCESS.202 4.3382574
1599	Renold A.P., Kathayat N.S.	Comprehensive Review of Machine Learning, Deep Learning, and Digital Twin Data-Driven Approaches in Battery Health Prediction of Electric Vehicles	IEEE Access	12		43984	43999	3.9	10.1109/ACCESS.202 4.3380452
1600	Vedhanayaki S., Indragandhi V.	A Bayesian Optimized Deep Learning Approach for Accurate State of Charge Estimation of Lithium Ion Batteries Used for Electric Vehicle Application	IEEE Access	12		43308	43327	3.9	10.1109/ACCESS.202 4.3380188

1601	Yenduri G., Ramalingam M., Chemmalar Selvi G., Supriya Y., Srivastava G., Maddikunta P.K.R., Deepti Raj G., Jhaveri R.H., Prabadevi B., Wang W., Vasilakos A.V., Gadekallu T.R.	GPT (Generative Pre-trained Transformer) – A Comprehensive Review on Enabling Technologies, Potential Applications, Emerging Challenges, and Future Directions	IEEE Access			1	1	3.9	10.1109/ACCESS.202 4.3389497
1602	Tejasree G., Agilandeewari L.	Enhancing Hyperspectral Image Classification for Land Use Land Cover with Dilated Neighbourhood Attention Transformer and Crow Search Optimization	IEEE Access			1	1	3.9	10.1109/ACCESS.202 4.3388457
1603	Shah B., Gupta A., Paul S.	A PSO-SVM-Based Change Detection Algorithm for Remote Sensing Optical Images	IEEE Access	12		54229	54237	3.9	10.1109/ACCESS.202 4.3387940
1604	Bala Tripura Sathvika V.S.S., Anmisha N., Thanmayi V., Suchetha M., Edwin Dhas D., Sehastrajit S., Aakur S.N.	Pipelined Structure in the Classification of Skin Lesions based on Alexnet CNN and SVM Model with Bi-sectional Texture Features	IEEE Access			1	1	3.9	10.1109/ACCESS.202 4.3387533
1605	Paul S., Tiwari R., Rahul A.K., Singh M.K., Gupta P.	Differential Evolution-Based Sample Consensus Algorithm for the Matching of Remote Sensing Optical Images With Affine Geometric Differences	IEEE Access	12		54481	54492	3.9	10.1109/ACCESS.202 4.3387944

1606	Kalita K., Ganesh N., Narayanan R., Jangir P., Oliva D., Perez-Cisneros M.	Multi-Objective Water Strider Algorithm for Complex Structural Optimization: A Comprehensive Performance Analysis	IEEE Access				1	1	3.9	10.1109/ACCESS.2024.3386560
1607	Varughese D.A., Sridevi S.	DFPT-CNN: A Dual feature extraction and pretrained CNN synergy for minimal computational overhead and enhanced accuracy in multi-class medical image classification	IEEE Access				1	1	3.9	10.1109/ACCESS.2024.3386634
1608	Chowdhury A., Pal A., Raut A., Kumar M.	KIHCDP: An Incremental Hierarchical Clustering Approach for IoT Data Using Dirichlet Process	IEEE Access				1	1	3.9	10.1109/ACCESS.2024.3385628
1609	Poddar H., Nayak C., Behera J.K., Dash D.	Extrinsic magnetised plasma kolakoski quasicrystal	Optical Materials	152					3.9	10.1016/j.optmat.2024.115545
1610	Prasanth A., Harini V.K., Manivannan P., Narasimman S., Velumani M., Meher S.R., Alex Z.C.	A comparative study of ZnO, AZO, TiO2, Sb2O3, and SnO2 nanomaterials coated SPR based fiber optic refractive index sensors for chemical sensing application	Optical Materials	152					3.9	10.1016/j.optmat.2024.115438
1611	Sambandam Raju P., Arumugam Rajendran R., Mahalingam M.	Aka-Net: anchor free-based object detection network for surveillance video transmission in the IOT edge computing environment	Pattern Analysis and Applications	27	2				3.9	10.1007/s10044-024-01272-1

1612	Danavulapadu V.P., Singamsetty P.	A pattern recognition lexi- search approach to the variant traveling purchaser problem	IEEE Access			1	1	3.9	10.1109/ACCESS.202 4.3404861
1613	Uponder P., Harsha Vardhini P., Kumba K., Prasanna Bharat S., Kumar A.	VO2-Graphene Ultrathin Films: Enabling Wideband Switchable and Tunable THz Absorption	IEEE Access			1	1	3.9	10.1109/ACCESS.202 4.3404480
1614	Pavithra S., Venkata Vikas K.	Detecting Unbalanced Network Traffic Intrusions with Deep Learning	IEEE Access			1	1	3.9	10.1109/ACCESS.202 4.3405187
1615	Sudhakar M., Swarna Priya R.	IncepV3Dense: Deep Ensemble based Average Learning Strategy for identification of Micro- nutrient deficiency in banana crop	IEEE Access			1	1	3.9	10.1109/ACCESS.202 4.3405027
1616	Balasundaram A., Sharma A., Swaathy K., Shaik A., Kavitha M.S.	An Improved Normalized Difference Vegetation Index (NDVI) Estimation using Grounded Dino and Segment Anything Model for Plant Health Classification	IEEE Access			1	1	3.9	10.1109/ACCESS.202 4.3403520
1617	Vijay Anand R., Shanmuga Priyan T., Brahmam M.G., Balusamy B., Benedetto F.	IMNMAGN: Integrative Multimodal Approach for Enhanced Detection of Neurodegenerative Diseases Using fusion of Multidomain Analysis with Graph Networks	IEEE Access			1	1	3.9	10.1109/ACCESS.202 4.3403860

1618	Joshan Athanesious J., Kiruthika S.	Perspective Transform based YOLO with Weighted Intersect Fusion for forecasting the Possession Sequence of the Live Football Game	IEEE Access			1	1	3.9	10.1109/ACCESS.2024.3402370
1619	Supriya Y., Bhulakshmi D., Bhattacharya S., Gadekallu T.R., Vyas P., Kaluri R., Sumathy S., Koppu S., Brown D.J., Mahmud M.	Industry 5.0 in Smart Education: Concepts, Applications, Challenges, Opportunities, and Future Directions	IEEE Access			1	1	3.9	10.1109/ACCESS.2024.3401473
1620	Prathiba S.B., Govindarajan Y., Ganesan V.P.A., Ramachandran A., Selvaraj A.K., Bashir A.K., Gadekallu T.R.	Fortifying Federated Learning in IIoT: Leveraging Blockchain and Digital Twin Innovations for Enhanced Security and Resilience	IEEE Access			1	1	3.9	10.1109/ACCESS.2024.3401039
1621	Sheik Abdullah A., Naga Pranava Shashank V., Altrin Lloyd Hudson D.	Disseminating the risk factors with Enhancement in Precision Medicine using Comparative Machine learning Models for Healthcare Data	IEEE Access			1	1	3.9	10.1109/ACCESS.2024.3400023
1622	Neha Margret I., Rajakumar K., Arulalan K.V., Manikandan S., Valentina	Statistical Insights Into Machine Learning-Based Box Models for Pregnancy Care and Maternal Mortality Reduction: A Literature Survey	IEEE Access	12		68184	68207	3.9	10.1109/ACCESS.2024.3399827

1623	Kaspar K., Kaliyaperumal P.	A Novel Approach to Sustainable Grain Transportation: A Neutrosophic Bi-Objective Model for Cost and Time Optimization	IEEE Access	12		68497	68510	3.9	10.1109/ACCESS.2024.3399881
1624	Srinivas M.B.R., Elango K.	Era of Sentinel Tech: Charting Hardware Security Landscapes Through Post-Silicon Innovation, Threat Mitigation and Future Trajectories	IEEE Access	12		68061	68108	3.9	10.1109/ACCESS.2024.3400624
1625	Selvam P., Faheem M., Dakshinamurthi V., Nevgi A., Bhuvaneshwari R., Deepak K., Abraham Sundar J.	Batch Normalization Free Rigorous Feature Flow Neural Network for Grocery Product Recognition	IEEE Access	12		68364	68381	3.9	10.1109/ACCESS.2024.3400844
1626	Khan W., Ishrat M., Neyaz Khan A., Arif M., Shaikh A.A., Khubrani M.M., Alam S., Shuaib M., John R.	Detecting Anomalies in Attributed Networks Through Sparse Canonical Correlation Analysis Combined With Random Masking and Padding	IEEE Access	12		65555	65569	3.9	10.1109/ACCESS.2024.3398555
1627	Pardhu T., Kumar V., Kumar P., Deevi N.	Advancements in UWB Based Human Motion Detection Through Wall: A Comprehensive Analysis	IEEE Access			1	1	3.9	10.1109/ACCESS.2024.3397465

1628	Guruprakash J., Tokmakov D., Krithika L.B., Koppu S., Srinivasa Perumal R., Bekyarova-Tokmakova A., Milev M.	A Framework for Platform- Agnostic Blockchain and IoT Based Insurance System	IEEE Access	12		64079	64102	3.9	10.1109/ACCESS.202 4.3397059
1629	Lavanya J., Aakash M., Ravi Sankar A., Gomathi N.	Development of an Electrochemical Dopamine Sensor Using Nitrogen-Rich Sulfur Dual-Doped Reduced Graphene Oxide	IEEE Access	12		66931	66940	3.9	10.1109/ACCESS.202 4.3397571
1630	Thanikasalam N., Ramamoorthy M.	Vibration assessment of dual core sandwich beam with a biomimetic lamellar honeycomb core and MWCNT reinforced facesheets	Mechanics Based Design of Structures and Machines					3.9	10.1080/15397734.2 024.2345766
1631	Sudarsan Reddy D.V., Golla M., Thangavel S.	High-Performance Single Switch High Step-Up Quadratic DC-DC Converter With Switched Capacitor Cell	IEEE Access	12		62850	62860	3.9	10.1109/ACCESS.202 4.3395539
1632	Maruthavani E., Shantharajah S.	Real-Time HealthCare Recommendation System for Social Media Platforms	IEEE Access			1	1	3.9	10.1109/ACCESS.202 4.3393769
1633	Rote T.R., Krishnamoorthy M., Bhatia A., Yadav R., Raja S.P.	Distributed Memory Implementation of Bron- Kerbosch Algorithm	IEEE Access	12		59575	59588	3.9	10.1109/ACCESS.202 4.3393771

1634	Panicker R.R., Sivaramakrishna A.	Studies on synthesis and influence of sterically driven Ni(II)-terpyridine (NNN) complexes on BSA/DNA binding and anticancer activity	Journal of Inorganic Biochemistry	257				3.9	10.1016/j.jinorgbio.2024.112553
1635	Kole P.B., Sakthivel K., Armaković S.J., Armaković S., Iqbal M., Singh F.V., Kollur S.P.	Metal free synthesis of thermally stable blue fluorescent m-terphenyls by ring transformation of 2H-pyran-2-ones: chemical synthesis, spectroscopy and computational studies	RSC Advances	14	24	16960	16970	3.9	10.1039/d4ra02375g
1636	Srinivas S., Senthil Kumar A.	Electrical Wiring of Malarial Parasite Intermediate Hematin on a Tailored N-Doped Carbon Nanomaterial Surface and Its Bioelectrocatalytic Hydrogen Peroxide Reduction and Sensing	Langmuir	40	20	10634	10647	3.9	10.1021/acs.langmuir.4c00583
1637	Gopal G., Mukherjee A.	Adsorptive removal of norfloxacin from aqueous solutions by Fe/Cu CNS-embedded alginate-carboxymethyl cellulose-chitosan beads	RSC Advances	14	23	15862	15875	3.9	10.1039/d4ra01971g

1638	Lakshmi Priya R., Ganesh Babu S.	Waste Biomass-Derived Activated Carbon-Supported 0D, 1D, 2D, and 3D Nanostructures of Copper Oxide for Hydrogenation Reaction: A Study on the Role of Structural Properties	Langmuir	40	19	10293	10304	3.9	10.1021/acs.langmuir.4c00852
1639	Fadilasari D.P., Roy Ghatak R., Garza- Reyes J.A., Joshi R., Kandasamy J.	Adopting quality management practices in the industry 4.0 era: an investigation into the challenges	Total Quality Management and Business Excellence					3.9	10.1080/14783363.2024.2354840
1640	Shanmuga Priya S., Suseem Sr.	Sustainable carbon dots from <i>Borreria hispida</i> : enhanced colorimetric sensing of Fe ³⁺ ions and biological applications in live cell imaging	RSC Advances	14	25	17471	17479	3.9	10.1039/d4ra01686f
1641	Priyamvada P., Ashok G., Joshi T., Anbarasu S., Anbarasu A., Ramaiah S.	Unravelling the molecular mechanistic pathway underlying the anticancer effects of kaempferol in colorectal cancer: a reverse pharmacology network approach	Molecular Diversity					3.9	10.1007/s11030-024-10890-0
1642	Shinde A.L., Eisen M.S., Ghatak T.	The Tishchenko reaction mediated by organo-f- complexes: the myths and obstacles	RSC Advances	14	25	17901	17928	3.9	10.1039/d4ra01824a

1643	Dhanaraj K., Adhitiyan T., Gubendhiran S., Thenpandiyan E., Ilaiyaraja P., Sagadevan S., Suresh G.	Cardiospermum halicacabum leaf extract assisted Ag and Zn doped biocompatible nanohydroxyapatite photocatalyst for efficient dye degradation from wastewater	Materials Science and Engineering: B	308					3.9	10.1016/j.mseb.2024.117568
1644	Basu S., Ashok G., Ghosh S., Ramaiah S., Veeraraghavan B., Anbarasu A.	Cefiderocol susceptibility endows hope in treating carbapenem-resistant Pseudomonas aeruginosa: insights from in vitro and in silico evidence	RSC Advances	14	30	21328	21341		3.9	10.1039/d4ra04302b
1645	Xu R., Sharma A.K., Miwa S., Suzuki S.	Development of improved spray system with effective electrical electrodes for aerosol removal: An experimental study in UTARTS facility	Journal of Aerosol Science	181					3.9	10.1016/j.jaerosci.2024.106431
1646	Shah M., Arumugam S.	Exploring putative drug properties associated with TNF-alpha inhibition and identification of potential targets in cardiovascular disease using machine learning-assisted QSAR modeling and virtual reverse pharmacology approach	Molecular Diversity						3.9	10.1007/s11030-024-10921-w
1647	Jayakumari M.T., Krishnan C.K.	Modulating acid sites in Y zeolite for valorisation of furfural to get γ -valerolactone	RSC Advances	14	30	21453	21463		3.9	10.1039/d4ra03113j

1648	Chavan N.D., Vijayakumar V.	Synthesis, DFT studies on a series of tunable quinoline derivatives	RSC Advances	14	29	21089	21101	3.9	10.1039/d4ra03961k
1649	Radha R., Subbulakshmi P., Mridhula N.	A Dynamic Feedback-Based Fuzzy Logic Approach for Fast Association over Large IEEE 802.11ah Network	Human-centric Computing and Information Sciences	14				3.9	10.22967/HCIS.2024.14.048
1650	Gopi B., Vijayakumar V.	An efficient and simple approach for synthesizing indazole compounds using palladium-catalyzed Suzuki-Miyaura cross-coupling	RSC Advances	14	36	26494	26504	3.9	10.1039/d4ra04633a
1651	Sumithra B., Saravanan V., Ramalingan C., Palanisami N., Lakshmanan P., Geetha D.	Concurrent Exfoliation and Controlled Coating of 2D-g-C ₃ N ₄ Over 3DCe ₂ (WO ₄) ₃ for Proficient Photocatalytic Degradation of Amitrole and Chlorpyrifos	Journal of Inorganic and Organometallic Polymers and Materials					3.9	10.1007/s10904-024-03188-z
1652	Nivedhitha D.M., Subramanian J., Selvaraj V.K., Viswapriyan A.S., Nishaanth S.G., Suyambulingam I., Siengchin S.	Effect of Inorganic Fillers Reinforcement in Flexible Polyvinylidene Fluoride (PVDF) Films Acoustic Characteristics: An Experimental and Statistical Investigation	Journal of Inorganic and Organometallic Polymers and Materials					3.9	10.1007/s10904-024-03262-6
1653	Nagalingam S.P., Pandiaraj S., Alzahrani K.E., Alodhayb A.N., Grace A.N.	Fabrication of a free-standing Ti ₃ C ₂ T _x -PTh counter electrode via interfacial polymerization for dye-sensitized solar cells	RSC Advances	14	33	24000	24009	3.9	10.1039/d4ra02651a

1654	Nallusamy S., Selvaraj Y., Ravi L., Karthikeyan K., Pandiaraj S., Alodhayb A.N., Alzahrani K.E., Eswaramoorthy N., Annamalai S., Asaithambi S.	Optimizing symmetric supercapacitor performance through rational design of Zr/Cu/Fe Oxide-Modified Poly(vinyl alcohol) hybrid nanofibers	Materials Science and Engineering: B	309				3.9	10.1016/j.mseb.2024.117645
1655	Vijaya B., Usha Rani M.	Study on structural, electrical, morphological, thermal and mechanical properties of P(VdC-co-AN)/PEG polymer electrolyte for energy storage applications	Materials Science and Engineering: B	309				3.9	10.1016/j.mseb.2024.117655
1656	Hadkar V.M., Mohanty C., Selvaraj C.I.	Biopolymeric nanocarriers in cancer therapy: unleashing the potency of bioactive anticancer compounds for enhancing drug delivery	RSC Advances	14	35	25149	25173	3.9	10.1039/d4ra03911d
1657	Kumar S.K., Anbarasu M., Ganesh G.M.	Flexural behaviour and design of hybrid cold-formed steel built-up I-section beams	Structures	69				3.9	10.1016/j.istruc.2024.107243
1658	Zuo L., Zhang Z., Wang J., Sangaiah A.K.	A Dynamic Weighted Multimodal Fusion Fake Information Detection Method	Human-centric Computing and Information Sciences	14				3.9	10.22967/H CIS.2024.14.065
1659	Roys K.E., Manju S.L., Siddiq M., Sambandam A.	Novel A- π -D-A organic dyes for better photovoltaic performance	RSC Advances	14	40	29229	29241	3.9	10.1039/d4ra05341a

1660	Mallikarjuna D., Kumar A.A., Reddy V.R., Kaleemulla S., Janardhanam V., Choi C.-J.	Photovoltaic and Barrier Properties of Au/n-Ge Schottky Junction Modified by Methylene Blue Organic Dye Interlayer	Journal of Inorganic and Organometallic Polymers and Materials					3.9	10.1007/s10904-024- 03352-5
1661	Mamindla A.; Murugan D.; Varadhan M.; Ajaykamal T.; Rangasamy L.; Palaniandavar M.; Rajendiran V.	Mixed-ligand copper(ii)- diimine complexes of 3- formylchromone-N4-phenyl thiosemicarbazone: 5,6-dmp co-ligand confers enhanced cytotoxicity	RSC Advances	14	43	31704	31722	3.9	10.1039/d4ra04997g
1662	Chandrasekaran I.; Sarveswari S.	Synthesis and photophysical properties of novel bis- quinolin-3-yl-chalcones	RSC Advances	14	41	30385	30395	3.9	10.1039/d4ra04335a
1663	Kamaraj K.; H. Dixneuf P.; Sundaram G.B.; Reek J.N.H.; Beromeo Bheeter C.	Pd/C–Catalyzed Selective N- Monomethylation by Transfer Hydrogenation of Urea Derivatives using Methanol as H2 and C1 Sources	Chemistry - A European Journal					3.9	10.1002/chem.2024 02414
1664	Ponraj P.; Rajendran S.	Design and synthesis of a novel curcumin-combretastatin A4 molecular skeleton: two pharmacophores	RSC Advances	14	50	37227	37233	3.9	10.1039/d4ra06618a

1665	Jose S.A.; Thiyagarajan K.B.; Baskar C.; Singh R.; Vasanthakumari D.; Udhayan A.	Discrimination of mongoose hair from domestic cattle hair, human hair, and synthetic fiber using FTIR spectroscopy and chemometric analysis: a rapid, cost-effective, and field-deployable tool for wildlife forensics	RSC Advances	14	50	36937	36944	3.9	10.1039/d4ra06981a
1666	Selvaraj B.; Priya L.G.; Balasubramanian S.	Harnessing the UiO-67 metal-organic framework for advanced detection of cadmium ions in water bodies	RSC Advances	14	48	35618	35627	3.9	10.1039/d4ra06811d
1667	Meda B.N.M.; Mathew A.; Sarwesh P.; Shekar P.R.; Sharma K.V.	Machine learning-based modeling of ground level ozone formation in Bangalore and New Delhi cities in India	Stochastic Environmental Research and Risk Assessment	0	0	0	0	3.9	10.1007/s00477-024-02845-6
1668	Hota N.P.; Kulathu Iyer S.	N-doped carbon quantum dots for the selective detection of OCl ⁻ ions, bioimaging, and the production of Fe ₃ O ₄ nanoparticles utilized in the synthesis of substituted imidazole	RSC Advances	14	48	35448	35459	3.9	10.1039/d4ra06474g
1669	Kirthiga R.; Elavenil S.	Performance evaluation of pre-damaged reinforced concrete beams strengthened with knitted glass fabric reinforced cementitious matrix: Flexure and shear behaviors	Structures	70	0	0	0	3.9	10.1016/j.istruc.2024.107744

1670	Kar B.; Paira P.	Photostimulated Anticancer Activity of Mitochondria Localized Rhenium(I) Tricarbonyl Complexes Bearing 1H-imidazo[4,5-f][1,10]phenanthroline Ligands Against MDA-MB-231 Cancer Cells	Chemistry - A European Journal	0	0	0	0	3.9	10.1002/chem.202401720
1671	Sagi B.; Thyagarajan T.	Model Independent Dynamic Predictive Controller Design Using Differential Extreme Learning Machine for Composition Control in Binary Distillation Column	International Journal of Adaptive Control and Signal Processing	0	0	0	0	3.9	10.1002/acs.3940
1672	Nallakumar S.; Thirumalaisamy L.; Kalainathan S.; Vijaya B.; Sekar A.; Usha Rani M.	Unveiling a growth temperature-dependent ultra-sensitive tetragonal scheelite BiVO ₄ thin film-based gas sensor for ammonia volatilization at room temperature	RSC Advances	14	53	39498	39510	3.9	10.1039/d4ra08169b
1673	Samal A., Pouthika K., Rajesh A., Mohana Roopan S., Madhumitha G.	Photocatalytic degradation and kinetic investigations of ZnO-SnO ₂ heterostructures for treatment of methyl violet using non-conventional approach	Inorganic Chemistry Communications	159				3.8	10.1016/j.inoche.2023.111809
1674	Hiremath K.B., Shivashankar M.	A selective fluorescence chemosensor: Thiosemicarbazide Schiff base derivative for detection of Ag ⁺ ions in living cells	Journal of Molecular Structure	1302				3.8	10.1016/j.molstruc.2024.137490

1675	Krishnan D., Sheela A.	Design of Azomethine based Metalloorganic Complexes and their Binding Interactions with Nucleic Acid and Protein	Journal of Molecular Structure	1302				3.8	10.1016/j.molstruc.2023.137407
1676	Elankathirselvan K., Paunkumar P., Srinivasan K., Premkumar T., Babu S.G.	Green synthesis and structural and cytotoxic properties of a new silver(I) complex: Solid-state, single-source precursor of Ag and Ag ₂ O NPs	Journal of Molecular Structure	1301				3.8	10.1016/j.molstruc.2023.137298
1677	N. F.F.F., Dhas D.A., Joe I.H., Vinitha G.	Crystal growth, structural, vibrational, spectroscopic studies of novel synthesized NLO active melaminium sulfamate single crystal: Experimental and theoretical approach	Journal of Molecular Structure	1300				3.8	10.1016/j.molstruc.2023.137194
1678	Jacob K., Clement J.	Zeolite ATN: Topological characterization and predictive analysis on potential energies using entropy measures	Journal of Molecular Structure	1299				3.8	10.1016/j.molstruc.2023.137101
1679	Kali V., Maiti B.	The expediency of [BCMIM][Cl] ionic salt in the synthesis of tetraketones: Insights into their photophysical properties and theoretical calculations	Journal of Molecular Structure	1299				3.8	10.1016/j.molstruc.2023.137053
1680	Dinesh Kumar P.K., Darius Gnanaraj S.	Studies on Al-Si based hybrid aluminium metal matrix nanocomposites	Materials Today Communications	38				3.8	10.1016/j.mtcomm.2024.108132

1681	Athique Ahmed A., Sumathi S.	Facile synthesis of CuO/CePO ₄ nanocomposite for the photocatalytic degradation of organic pollutants under visible light	Inorganic Chemistry Communications	161				3.8	10.1016/j.inoche.2024.112043
1682	Venkit H., Selvaraj S.K.	Novel approach in manufacturing aluminum-based alternate layered composite material via friction stir additive manufacturing route	Materials Today Communications	38				3.8	10.1016/j.mtcomm.2023.107839
1683	Sasikumar C., Oyyaravelu R.	Mechanical properties and microstructure of SS 316 L created by WAAM based on GMAW	Materials Today Communications	38				3.8	10.1016/j.mtcomm.2023.107807
1684	Rajesh A., Madhumitha G.	Phyto-mediated synthesis of AgFeO ₂ /MK30 nanocomposite using the ultrasonication method and its photocatalytic behavior and antibacterial studies	Inorganic Chemistry Communications	160				3.8	10.1016/j.inoche.2023.111907
1685	Sunitha M.S., Sarveswari S.	A simple and cost effective quinoline based Schiff's base SS-2 as a colorimetric chemosensor for highly selective detection of cyanide ion in food samples	Inorganic Chemistry Communications	160				3.8	10.1016/j.inoche.2023.111973
1686	Kuruthukulangara N., Asharani I.V.	Photocatalytic degradation of Rhodamine B, a carcinogenic pollutant, by MgO nanoparticles	Inorganic Chemistry Communications	160				3.8	10.1016/j.inoche.2023.111873

1687	Nivedha J., Ahmad Wadaan M., Gitanjali J., Kaliyamoorthi K., Subashchandrabose O., Carmel Raj T., Lakshmanan V., Ravindran B.	Biochanin A prevents buccal pouch carcinogenesis by enhancing carcinogen detoxification and antioxidant status in hamsters	Journal of King Saud University - Science	36	2			3.8	10.1016/j.jksus.2023.103067
1688	Balakrishnan C., Manonmani M., Santhamoorthy M., Rajasekar M., Vinitha G., Meenakshisundaram S.P.	Supramolecular structure of bis(1-methyl-1,3,5,7-tetraazatricyclo[3.3.1.1 ^{3,7}]decan-1-ium)2,5-dicarboxybenzene-1,4-dicarboxylate: Synthesis, spectral, structural and third-order nonlinear optical properties	Journal of Molecular Structure	1296				3.8	10.1016/j.molstruc.2023.136822
1689	Chandrasekar S., Manjula E., Nandhini S., Vinitha G., Murugakoothan P.	A comprehensive study on synthesis, growth and characterization of Guanidinium 4-chloro-3-nitrobenzoate monohydrate (G4C3NBM) single crystal for NLO applications: A third order nonlinear optical material	Journal of Molecular Structure	1296				3.8	10.1016/j.molstruc.2023.136837
1690	Pouthika K., Madhumitha G.	Design and development of Carissa edulis fruit extract mediated bimetallic CuO-NiO-HNT composites for photocatalytic removal of food dye and antibiotic drug	Journal of Molecular Structure	1295				3.8	10.1016/j.molstruc.2023.136665

1691	Govekar A., Devulapalli L., Dighe S., Kothandaram S., Sarang G., Gupta S.S.	Assessment of microbial degradation of various types of bitumen using FTIR	International Journal of Pavement Engineering	25	1			3.8	10.1080/10298436.2023.2290658
1692	Meena J., Santhakumar K.	Sustainable synthesise of silver nanoparticles using Robinia Neomexicana: Antibacterial, antioxidant and photocatalytic properties	Inorganic Chemistry Communications	159				3.8	10.1016/j.inoche.2023.111783
1693	J. B., S. N.	A single server Non-Markovian with non-compulsory re-service and balking under Modified Bernoulli Vacation	Journal of King Saud University - Science	36	1			3.8	10.1016/j.jksus.2023.103007
1694	Manohar A., Vijayakanth V., Mamede N., Sivajee Ganesh K., Hyeon Ki K.	Revolutionizing nanoscience: Exploring the multifaceted applications and cutting-edge advancements in spinel CaFe ₂ O ₄ nanoparticles – A review	Inorganic Chemistry Communications	161				3.8	10.1016/j.inoche.2023.111999
1695	Xavier R., Sivaperuman K.	Review on the of physical vapor deposition on imminent chemiresistive metal oxide gas sensors and their future scope	Materials Today Communications	38				3.8	10.1016/j.mtcomm.2023.107831
1696	Uma S., Shobana M.K.	Band structure and mechanism of semiconductor metal oxide heterojunction gas sensor	Inorganic Chemistry Communications	160				3.8	10.1016/j.inoche.2023.111941

1697	Al-Raqeb H., Ghaffar S.H., Haitherali H., Gopakumar A.	Overcoming Barriers to Implementing Building Information Modelling in Kuwait's Ministry of Public Works: A Framework for Sustainable Construction	Buildings	14	1			3.8	10.3390/buildings14010130
1698	Prakash K., Saravanakumar K., Babu S.G., Muthuraj V., Karuthapandian S., Kalidass S.	Fabrication of Sm ₂ (WO ₄) ₃ /g-C ₃ N ₄ heterojunction for boosting photodegradation of methyl parathion and ofloxacin: Characteristics, mechanism insight and pathways	Journal of Molecular Structure	1305				3.8	10.1016/j.molstruc.2024.137729
1699	Roys K.E., S L M.	Development of D-D- π -A structured 5-aryl indoles as photosensitizers	Journal of Molecular Structure	1304				3.8	10.1016/j.molstruc.2024.137662
1700	Sharma H., Pathak M.	Spectroscopic, cytotoxic, radical scavenging, DNA/BSA interactions of biologically active Schiff base supported titanium(IV) derivative and its nano titania with their computational investigation	Journal of Molecular Structure	1304				3.8	10.1016/j.molstruc.2024.137708
1701	Sharmila A., Selvaraj C.I.	Phyto-synthesized MgO nanoparticles using Scutia myrtina Kurz extract: Promising insights into photocatalytic degradation, antioxidant potential, cytotoxicity and toxicity assessment	Journal of Molecular Structure	1304				3.8	10.1016/j.molstruc.2024.137698

1702	Govardhan S., Roy S., Prabhu S., Arulperumjothi M.	Topological characterization of coe-edged graphene nanoribbons with applications to NMR spectroscopies	Journal of Molecular Structure	1303				3.8	10.1016/j.molstruc.2024.137492
1703	Femi Frederic N.F., Arul Dhas D., Hubert Joe I., Vinitha G.	Crystal growth and vibrational spectroscopic studies on the novel NLO active 2-amino-4-methylpyridinium fluoroborate single crystal by experimental and computational technique	Journal of Molecular Structure	1303				3.8	10.1016/j.molstruc.2024.137533
1704	Rajadurai L., Sekhar Dash C., Revathi S., Tony Dhiwahar A., Sundararajan M., Ravisankar P., Kumar Alagarasan J., Mohandoss S., Sambasivam R.	Photocatalytic degradation of tetracycline hydrochloride using pure and copper-doped magnesium ferrite nanoparticles: Efficiency, kinetics and mechanism	Inorganic Chemistry Communications	162				3.8	10.1016/j.inoche.2024.112197
1705	Sekar K., Marasamy L., Mayarambakam S., Selvarajan P., Bouclé J.	Highly efficient lead-free silver bismuth iodide (Ag ₃ BiI ₆) rudorffite solar cells with novel device architecture: A numerical study	Materials Today Communications	38				3.8	10.1016/j.mtcomm.2024.108347

1706	Kavitha S., Ajisha D.S., Ezhil Vizhi R.	Nucleation kinetics, chemical etching, hirshfeld surface, and photoluminescence of Rubidium hydrogen oxalate dihydrate NLO single crystal	Inorganic Chemistry Communications	161				3.8	10.1016/j.inoche.2024.112051
1707	Sathish Kumar K., Arivazhagan N.	An innovative pulsed current arc welding technology for armor steel: Processes, microstructure, and mechanical properties	Materials Today Communications	38				3.8	10.1016/j.mtcomm.2024.108237
1708	Pargavi B S., Todkar U., Dassani S., Somasundaram M., Muthuchamy A., Annamalai A.R.	Mechanical, electrochemical corrosion, and high-temperature oxidation properties of stir-cast and heat-treated AZ80 magnesium alloy	Materials Today Communications	38				3.8	10.1016/j.mtcomm.2024.108181
1709	Dhanasekaran K., Napoleon A.A.	Pyrazine 2-carbohydrazide colorimetric and ratiometric for the visual detection of zinc ions; application of pharmaceutical samples, and DFT analysis	Inorganic Chemistry Communications	161				3.8	10.1016/j.inoche.2024.112117

1710	Dhilip M., Rameshkumar S., Raji R.K., Ramachandran T., Punitha J.S., Sundar Raj F.R.M., Kumar K.S., Anbarasu V., Sekar N., Chinnathambi R., Ghfar A.A.	Combined experimental and theoretical investigation on the structural, electronic, magnetic and optical properties of Pr ₂ CoFeO ₆ double perovskite	Materials Today Communications	38				3.8	10.1016/j.mtcomm. 2024.108120
1711	Chetan, Vijayalakshmi U.	Investigating acquisition of magnetic properties and biocompatibility of Gadolinium substituted Strontium phosphosilicate for magnetic imaging in orthopaedics	Inorganic Chemistry Communications	161				3.8	10.1016/j.inoche.20 24.112091
1712	Thirugnanasambanda m K., Murugan J., Ramalingam R., Rashid M., Raghav R.S., Kim T. H., Sampedro G.A., Abisado M.	Optimizing multimodal feature selection using binary reinforced cuckoo search algorithm for improved classification performance	PeerJ Computer Science	10				3.8	10.7717/peerj- cs.1816
1713	Balasubramanian P., Chinthan P., Badarudeen S., Sriraman H.	A systematic literature survey on recent trends in stock market prediction	PeerJ Computer Science	10				3.8	10.7717/peerj- cs.1700
1714	Kavya Bodhi T.K., Tamizhselvi R., Mohandoss S., Arumugam Napoleon A.	Novel benzohydrazide-based Schiff base for highly selective and sensitive colorimetric detection of Hg ²⁺ ions; DFT analysis and test strips applications	Inorganic Chemistry Communications	159				3.8	10.1016/j.inoche.20 23.111649

1715	Ghosh P.	Review on metal ion recognition by bis-rhodamine probes with a future in artificial intelligence and machine learning	Journal of Molecular Structure	1304				3.8	10.1016/j.molstruc.2024.137597
1716	Peter P., Clement J.	Predictive models on potential energies of zeolite ZK-5 using bond weighted information entropy measures	Journal of Molecular Structure	1307				3.8	10.1016/j.molstruc.2024.137945
1717	Bakhite E.A., Karthikeyan S., Ahsin A., Marae I.S., Abdel-Rahman A.E., Abuelhasan S., Gad M.A., Mohamed S.K., Abuelizz H.A., Mague J.T., Al-Salahi R., El Bakri Y.	Synthesis, crystal structure investigation and computational studies binding of (7S,8R)-7-acetyl-8-(4-chlorophenyl)-3-(ethylthio)-1,6-dimethyl-7,8-dihydroisoquinoline-4-carbonitrile with monoamine oxidase B	Journal of Molecular Structure	1307				3.8	10.1016/j.molstruc.2024.137974
1718	Moharana P., Santosh G.	Controlled aggregation of unsymmetrical amphiphilic perylene diimide derivative into nanosheets	Journal of Molecular Structure	1307				3.8	10.1016/j.molstruc.2024.138026
1719	Pichandi M., Shanmugam S.	Synthesis, characterization of Schiff base metal complexes with 1, 3 propanediamine as secondary chelates and their DNA binding, DNA cleavage, cytotoxicity, antioxidant and activities	Journal of Molecular Structure	1307				3.8	10.1016/j.molstruc.2024.137932

1720	Nandhakumar S., Gokul Kumar K., Jose B.	Development of a novel autogenous double pulse tungsten inert gas welding technique for joining IN625 in concentrated solar power plants	Materials Today Communications	39				3.8	10.1016/j.mtcomm. 2024.108567
1721	Rajalakshmi R., Faizal S., Sivasankaran S., Geetha R.	RiceSeedNet: Rice seed variety identification using deep neural network	Journal of Agriculture and Food Research	16				3.8	10.1016/j.jafr.2024. 101062
1722	Salimath S.V., Pathak M.	Copper(II) complexes incorporated with 2,2- bipyridyl and 2,2'-(((1E,1'E)- 1,4-phenylene- bis(methanylylidene))bis(azan ylylidene)) diphenol derivatives: In-vitro interaction with DNA/BSA, DFT, molecular docking and cytotoxicity	Inorganic Chemistry Communications	162				3.8	10.1016/j.inoche.20 24.112226
1723	Sekar A., Sheela A.	Metallo-organic complexes as precursors for nanostructured metal oxides and their studies on protein interactions and drug loading characteristics	Inorganic Chemistry Communications	162				3.8	10.1016/j.inoche.20 24.112246
1724	Radhamani R., Balakrishnan M.	Predictive modeling of phase transformation temperatures in NiTiCu shape memory alloys: Integrating electronic factors through artificial neural network	Materials Today Communications	38				3.8	10.1016/j.mtcomm. 2024.108380

1725	Maadhu T., Jauhar R.M., Raja A., Vedyappan S., Viswanathan V., Gandhiraj V., Senthil Pandian M.	Novel Metal-Organic Framework and Crystal Engineering of Bismorpholinium Mercury(II) Tribromo Chloride (BMMC) for Optoelectronic Applications	Crystal Growth and Design	24	4	1632	1647	3.8	10.1021/acs.cgd.3c01284
1726	Sureshkumar W., Paul P., Zhang G.	On languages generated by isotonic array P systems with/without priority rules	Journal of Membrane Computing					3.8	10.1007/s41965-024-00137-0
1727	Udaya Rajesh R., Mathew T., Kumar H., Singhal A., Thomas L.	Metal-organic frameworks: Recent advances in synthesis strategies and applications	Inorganic Chemistry Communications	162				3.8	10.1016/j.inoche.2024.112223
1728	Rallabandi S., Isaac Selvaraj R.V.	Advancements in Battery Cooling Techniques for Enhanced Performance and Safety in Electric Vehicles: A Comprehensive Review	Energy Technology					3.8	10.1002/ente.202301404
1729	Sonadevi S., Rajaraman D., Periyasami G., Vijay J.S., Roy S., Augustine T., Saritha M., Anthony L.A.	In silico rationalization of piperidin-4-one analogs as anaplastic lymphoma kinase inhibitors: Integration of density functional theory, topological descriptor, molecular docking and pharmacological feature profiling	Journal of Molecular Structure	1311				3.8	10.1016/j.molstruc.2024.138356

1730	Hemalatha V., Vijayakumar V.	Indole-imidazole hybrid Schiff base for the selective detection of the explosive picric acid via fluorescence "turn-off" process: Experimental and theoretical DFT-D3 study	Journal of Molecular Structure	1311				3.8	10.1016/j.molstruc.2024.138322
1731	Anand A.S.V., Sivaramakrishna A.	Facile InCl ₃ -catalyzed room temperature synthesis and electrochemical behavior of ferrocene appended (R, S)- α -aminophosphonates	Journal of Molecular Structure	1311				3.8	10.1016/j.molstruc.2024.138361
1732	Ramani N., Patel B.Y., Italiya G., Ramalingam P.S., Mishra R., Subramanian S., Hadiyal S.D.	Synthesis of 8-methyl-2-phenylquinazolin-4(3H)-ones derived Schiff's bases: Spectroscopic properties, SAR, docking approaches and their anticancer and antimicrobial activity	Journal of Molecular Structure	1310				3.8	10.1016/j.molstruc.2024.138256
1733	Manjula E., Chandrasekar S., Nandhini S., Vinitha G., Murugakoothan P.	Synthesis, structural elucidation and characterization of a new organic single crystal Guanidinium adipate monohydrate (GuAM) for nonlinear optical applications	Journal of Molecular Structure	1309				3.8	10.1016/j.molstruc.2024.138096
1734	Ghosh P.	Designed synthesis of short cell-penetrating peptides to explore structure-to-function insights in cellular uptake	Journal of Molecular Structure	1309				3.8	10.1016/j.molstruc.2024.138091

1735	Jain M., Amir M., Yousuf M., Sharma M., Naik S., Kumar S., Muthukumar J., Sajid Ali M., Al-Lohedan H.A., Kumar Singh A.	Exploration of the antiproliferative activity of lectin-like protein from seeds of <i>Datura stramonium</i> : An in vitro study	Journal of King Saud University - Science	36	6			3.8	10.1016/j.jksus.2024.103216
1736	Gomathi T., Stephy John J., Ginil Mon S., Mujahid Alam M., Amanullah M., John Joseph J., Santhanalakshmi K., Vijayakumar S.	Chitosan/Histidine nanoparticles for controlled curcumin delivery: A potential strategy in anticancer treatment	Inorganic Chemistry Communications	164				3.8	10.1016/j.inoche.2024.112448
1737	Rakshaskar R., Chidambaram K.	Comprehensive stratified K-fold machine learning for surface roughness prediction with 3D printed electrodes: Analyzing dielectric variability and heat treatment effects	Materials Today Communications	39				3.8	10.1016/j.mtcomm.2024.108901
1738	Kumar M.D.B., Arivazhagan N., Tofil S., Andersson J., Kozak J., Manikandan M.	Influence of pulsed current GTAW-WAAM process parameters on the single layer bead geometry and multi bead multi-layer deposition of a nickel-based superalloy	Materials Today Communications	39				3.8	10.1016/j.mtcomm.2024.108824

1739	Kandasamy M., Suresh S., Deepan Kumar M., Murugesan S., Selvaraj M., Prem Ananth K., Kumar N., Husain A., Pugazhenthiran N., Sathishkumar P., Ansari M.N.M.	Combined experimental and DFT investigation on photovoltaic performance of low-cost metal-free organic dye-sensitized solar cells	Inorganic Chemistry Communications	164				3.8	10.1016/j.inoche.2024.112406
1740	Velayuthaperumal S., Radhakrishnan R.	A novel nanosecond pulsed laser textured moat configurations for enhancing surface wettability, corrosion and tribology behaviour of Ti6Al4V implant material	Materials Today Communications	39				3.8	10.1016/j.mtcomm.2024.108701
1741	Omer S.N., Shanmugam V.	Exploring the antibiofilm and toxicity of tin oxide nanoparticles: Insights from in vitro and in vivo investigations	Microbial Pathogenesis	190				3.8	10.1016/j.micpath.2024.106639
1742	Mithra U., Sarveswari S.	A simple and efficient pyrazole based colorimetric chemosensor for sensing Hg ²⁺ , Zn ²⁺ , Cu ²⁺ ions and a selective sensing of Hg ²⁺ ions in the presence of Zn ²⁺ and Cu ²⁺ ions and its application in real samples	Inorganic Chemistry Communications	163				3.8	10.1016/j.inoche.2024.112315

1743	Lavanya V., Santhakumar K.	In situ biosynthesis, characterization, and degradation of methylene blue dyes from Solanum Crispum flower extracts	Inorganic Chemistry Communications	163				3.8	10.1016/j.inoche.2024.112353
1744	Ganesan N., Gopalakrishnan B.	Community case studies: an interpretative phenomenological analysis on sexual abuse in urban Chennai	Frontiers in Psychology	15				3.8	10.3389/fpsyg.2024.1352066
1745	Nithya S., Devi Y.R., Dutta A.	Synthesis and characterization of α -Fe ₂ O ₃ nanoparticles for high-performance CO gas sensor	Emergent Materials					3.8	10.1007/s42247-024-00720-2
1746	Abima S., Sumathi S.	Low-temperature synthesis of bismuth and vanadium substituted LaPO ₄ near-infrared reflective pigment and its aging resistance nature on PMMA	Emergent Materials					3.8	10.1007/s42247-024-00688-z
1747	Bagabir H.A., Bagabir R., Johargy A.K., Faidah H., Babalghith A.O., Bantun F., Ahmad F., Mathkor D.M., Haque S.	A meta-analysis of cohort and pilot studies indicates association of mouthwash use and risk of hypertension in adults	Journal of King Saud University - Science	36	5			3.8	10.1016/j.jksus.2024.103183
1748	Nandhini G., Shobana M.K.	Effect of moringa oleifera with pure and Zn-doped Mn and Ni nanoferrites for hyperthermia applications	Materials Today Communications	39				3.8	10.1016/j.mtcomm.2024.109046

1749	Manikandan Manikandan R., Raja Annamalai A.	Crystallographic texture evolution in hot-press sintered tungsten heavy alloy with the effect of niobium (Nb) addition	Materials Today Communications	39				3.8	10.1016/j.mtcomm.2024.108971
1750	Hector I., Panjanathan R.	Predictive maintenance in Industry 4.0: a survey of planning models and machine learning techniques	PeerJ Computer Science	10		1	50	3.8	10.7717/peerj-cs.2016
1751	Viswanathan T., Prabu S., David E., Sivanadanam J., Kandregula G.R., Palanisami N.	Ferrocene Appended D- π -A chromophores for Dye-Sensitized Solar Cells: Synthesis, Photophysical, Effect of Co-adsorbent on Photovoltaic Efficiencies and DFT studies	Journal of Molecular Structure	1312				3.8	10.1016/j.molstruc.2024.138495
1752	Jeeva D., Velu K.S., Mohandoss S., Ahmad N., Padmini S., Priyadharshini A., Napoleon A.A., Lee Y.R., Kim S.-C., Bhuvanalogini G.	A facile green synthesis of photoluminescent carbon dots using Pumpkin seeds for ultra-sensitive Cu ²⁺ and Fe ³⁺ ions detection in living cells	Journal of Molecular Structure	1312				3.8	10.1016/j.molstruc.2024.138543
1753	Vijayakumar V.R., Rajendran P.J., M. P., K. R., Saha T., Das S., Dharumadurai D.	Structural geometry, electronic properties and pre-clinical evaluation of antibacterial compounds from lichen-associated <i>Streptomyces mobaraensis</i> DRM1 and <i>Nocardiopsis synnemataformans</i> DRM2	Journal of Molecular Structure	1312				3.8	10.1016/j.molstruc.2024.138561

1754	Poornima L., Babu R.S.	Novel third order nonlinear optical stilbazolium crystal replaced with 3-methoxy benzaldehyde as donor for optical device applications	Journal of Molecular Structure	1311				3.8	10.1016/j.molstruc.2024.138396
1755	Mithra U., Shrivastava A., Devan K.S., Bhaskar R., Vijayakumar V., Sarveswari S.	Development of a pH sensor in range 7–11 using 9H-fluorene and its application in real samples	Inorganic Chemistry Communications	166				3.8	10.1016/j.inoche.2024.112632
1756	Ranjithkumar R., Lakshmanan P., Palanisami N., Devendran P., Sudhakar S., Nallamuthu N., Thrimurthulu G., Kim I.T., Krishna Kumar M.	Facile fabrication of 3D- α -Fe ₂ O ₃ @2D-g-C ₃ N ₄ heterojunction composite materials: Effect of iron oxide loading on the electrochemical performance	Inorganic Chemistry Communications	165				3.8	10.1016/j.inoche.2024.112553
1757	Rekha K., Ezhil Vizhi R., Lahiri B.B., Philip J.	Synthesis, physico-chemical properties, and AC induction heating of polycaprolactone-coated bio-compatible Fe ₃ O ₄ nanoparticles	Inorganic Chemistry Communications	165				3.8	10.1016/j.inoche.2024.112466
1758	Parthiban Ragavi S., Viswambaran Asharani I.	Acridinedione-based fluorescence 'turn-off' sensor for real-time detection of carcinogenic Cr (VI) ions	Inorganic Chemistry Communications	164				3.8	10.1016/j.inoche.2024.112443

1759	Vijayan K., Thirumalaisamy L., Vijayachamundeeswar i S.P., Sivaperuman K., Ahsan N., Okada Y.	Development of Sub-Band in Spray-Deposited Cr- Substituted Chalcopyrite Thin Films for Advancing Solar Cell Efficiency	Energy Technology	12	5			3.8	10.1002/ente.20230 1013
1760	Kumari P., Panda T.	Role of N-Rich Coordination Environment in Metal-Organic Frameworks for Enhanced Photocatalytic Dye Degradation	Crystal Growth and Design					3.8	10.1021/acs.cgd.4c0 0141
1761	Kannan N., Radhakrishnan V., Sinha A.	Unveiling the anticancer activity of ruthenium and iron complexes	Inorganic Chemistry Communications	165				3.8	10.1016/j.inoche.20 24.112512
1762	Khadanga L., Roopan S.M.	Synthesis of propargylamine: pioneering a green path with non-conventional KA2 coupling approach	Molecular Diversity					3.8	10.1007/s11030-024- 10826-8
1763	Pavani K., Raghavendar K., Aruna K.	Solitary wave solutions of the time fractional Benjamin Bona Mahony Burger equation	Scientific Reports	14	1			3.8	10.1038/s41598-024- 65471-w
1764	Karthik R., Vardhan G.V., Khaitan S., Harisankar R.N.R., Menaka R., Lingaswamy S., Won D.	A dual-track feature fusion model utilizing Group Shuffle Residual DeformNet and swin transformer for the classification of grape leaf diseases	Scientific Reports	14	1			3.8	10.1038/s41598-024- 64072-x

1765	J M.A., V S.	Implementation and proficiency analysis of enhanced graph algorithm for DC microgrid applications	Scientific Reports	14	1			3.8	10.1038/s41598-024-65225-8
1766	Srinivasan S., Ramadass P., Mathivanan S.K., Panneer Selvam K., Shivahare B.D., Shah M.A.	Detection of Parkinson disease using multiclass machine learning approach	Scientific Reports	14	1			3.8	10.1038/s41598-024-64004-9
1767	Muthiah M., Sivarajan S., Madasamy N., Natarajan A., Ayyavoo R.	Exploring short- and long-term meteorological drought parameters in the Vaippar Basin of Southern India	Scientific Reports	14	1			3.8	10.1038/s41598-024-62095-y
1768	Nachimuthu L., Desikan R.	Development of methyl 5-((cinnamoyloxy)methyl)picolinate, exploring its bio-target potential aiming at CVD mediated by multiple proteins through surface and physiochemical analysis	Scientific Reports	14	1			3.8	10.1038/s41598-024-64165-7
1769	Gopi S., Mohapatra P.	Learning cooking algorithm for solving global optimization problems	Scientific Reports	14	1			3.8	10.1038/s41598-024-60821-0
1770	Ashwini Kumari P., Basha C.H.H., Fathima F., Dhanamjayulu C., Kotb H., ELrashidi A.	Adaptive RAO ensembled dichotomy technique for the accurate parameters extraction of solar PV system	Scientific Reports	14	1			3.8	10.1038/s41598-024-63383-3

1771	R A., Samiappan S., Prabukumar M.	Fine-tuning digital FIR filters with gray wolf optimization for peak performance	Scientific Reports	14	1			3.8	10.1038/s41598-024-62403-6
1772	Nawas K.K., Shahina A., Balachandar K., Maadeshwaran P., Devanathan N.G., Kumar N., Khan A.N.	Recurrence plot embeddings as short segment nonlinear features for multimodal speaker identification using air, bone and throat microphones	Scientific Reports	14	1			3.8	10.1038/s41598-024-62406-3
1773	Pasha A., Kumar K., Heena S.K., Arnold Emerson I., Pawar S.C.	Inhibition of NF-kB and COX-2 by andrographolide regulates the progression of cervical cancer by promoting PTEN expression and suppressing PI3K/AKT signalling pathway	Scientific Reports	14	1			3.8	10.1038/s41598-024-57304-7
1774	Hari Ramprasath R., Kajamuhideen M.S., Tiwari B., Sethuraman K., Vinitha G.	Impact of doping on the Bridgman grown organic stilbene single crystal for third order NLO applications	Optical Materials	153				3.8	10.1016/j.optmat.2024.115569
1775	Manjupriya R., Roopan S.M.	Visible-Light-Active CuO/Carbon Dots/g-C ₃ N ₄ Heterojunction Triggered Click Reaction: Scope and Mechanistic Insights	Industrial and Engineering Chemistry Research					3.8	10.1021/acs.iecr.4c00615
1776	Balasundaram A., Abdul Aziz A.B., Gupta A., Shaik A., Kavitha M.S.	A fusion approach using GIS, green area detection, weather API and GPT for satellite image based fertile land discovery and crop suitability	Scientific Reports	14	1			3.8	10.1038/s41598-024-67070-1

1777	Harini V.K., Meher S.R., Alex Z.C.	A novel refractive index based fiber optic sensor for milk adulteration detection	Optical Materials	154				3.8	10.1016/j.optmat.2024.115810
1778	Thiagarajan J.D., Kulkarni S.V., Jadhav S.A., Waghe A.A., Raja S.P., Rajagopal S., Poddar H., Subramaniam S.	Analysis of banana plant health using machine learning techniques	Scientific Reports	14	1			3.8	10.1038/s41598-024-63930-y
1779	Naveen S., Parthiban V.	Application of Newton's polynomial interpolation scheme for variable order fractional derivative with power-law kernel	Scientific Reports	14	1			3.8	10.1038/s41598-024-66494-z
1780	Musthafa J.M., Mandal B.K.	CuO/Bi2O3/g-C3N4 nanoparticles for sunlight-mediated degradation of polyethylene terephthalate microplastic films	Optical Materials	154				3.8	10.1016/j.optmat.2024.115701
1781	Sathishkumar N., Palanisamy S., Natarajan R., Ouahada K., Hamam H.	Design of dual mode antenna using CMA and broadband dual-polarized antenna for 5G networks	Scientific Reports	14	1			3.8	10.1038/s41598-024-66515-x
1782	Pandian S., N M.	Domination and power domination in a one-pentagonal carbon nanocone structure	Frontiers in Chemistry	12				3.8	10.3389/fchem.2024.1423055
1783	Ramesh S., Elangovan D.	Energy harvesting from fuel cell bicycles for home DC grids using soft switched DC-DC converter	Scientific Reports	14	1			3.8	10.1038/s41598-024-65482-7

1784	Prasad K.H.V., Sasikumar P.	Energy-efficient quad tree-based clustering using edge-assisted UAV-relay to enhance network lifetime in WSN	Scientific Reports	14	1			3.8	10.1038/s41598-024-68085-4
1785	Obuli Pranav D., Babu P.S., Indragandhi V., Ashok B., Vedhanayaki S., Kavitha C.	Enhanced SOC estimation of lithium ion batteries with RealTime data using machine learning algorithms	Scientific Reports	14	1			3.8	10.1038/s41598-024-66997-9
1786	D S C.S., Christopher Clement J.	Enhancing brain tumor segmentation in MRI images using the IC-net algorithm framework	Scientific Reports	14	1			3.8	10.1038/s41598-024-66314-4
1787	Chinthaginjala R., Dhanamjayulu C., Kim T.-H., Ahmed S., Kim S. Y., Kumar A.S., Annepu V., Ahmad S.	Enhancing handwritten text recognition accuracy with gated mechanisms	Scientific Reports	14	1			3.8	10.1038/s41598-024-67738-8
1788	Bagadi K., Annepu V., Dhanamjayulu C., Challa N.R., Mohammad F., Khan B.	Enhancing wireless communication systems through large intelligent surfaces: a performance analysis of LIS-assisted NOMA networks	Scientific Reports	14	1			3.8	10.1038/s41598-024-67632-3
1789	Rajagopalan A., Nagarajan K., Bajaj M., Uthayakumar S., Prokop L., Blazek V.	Multi-objective energy management in a renewable and EV-integrated microgrid using an iterative map-based self-adaptive crystal structure algorithm	Scientific Reports	14	1			3.8	10.1038/s41598-024-66644-3

1790	Dhume S., Chendake Y., Mahajan-Tatpate P., Chavan S., Khomane R., Jayakumar N.	Optimization of Polysulfone Based Membranes Using Charged Graphite Nano Platelets for Separation of Manganese and Chromium (VI) From Water	Water, Air, and Soil Pollution	235	9			3.8	10.1007/s11270-024-07375-z
1791	Madana S.T., Sathiavelu M.	Probiotic evaluation, adherence capability and safety assessment of Lactococcus lactis strain isolated from an important herb "Murraya koenigii"	Scientific Reports	14	1			3.8	10.1038/s41598-024-66597-7
1792	Jawahar M., Anbarasi L.J., Narayanan S., Gandomi A.H.	An attention-based deep learning for acute lymphoblastic leukemia classification	Scientific Reports	14	1			3.8	10.1038/s41598-024-67826-9
1793	Akula N.K., S S.B., Tarakaramu N., Ramesh O., Askar S., Rayudu U.M., Ahmad H., Khan M.I.	An intuitionistic fuzzy graph's variation coefficient measure with application to selecting a reliable alliance partner	Scientific Reports	14	1			3.8	10.1038/s41598-024-68371-1
1794	Karthik M., Nuvvula R.S.S., Dhanamjayulu C., Khan B.	Appropriate analysis on properties of various compositions on fluids with and without additives for liquid insulation in power system transformer applications	Scientific Reports	14	1			3.8	10.1038/s41598-024-68714-y

1795	Al-Shehari T., Kadrie M., Alfakih T., Alsalman H., Kuntavai T., Vidhya R.G., Dhanamjayulu C., Shukla S., Khan B.	Blockchain with secure data transactions and energy trading model over the internet of electric vehicles	Scientific Reports	14	1			3.8	10.1038/s41598-024-69542-w
1796	Karthik N., Rajagopalan A., Bajaj M., Medhi P., Kanimozhi R., Blazek V., Prokop L.	Chaotic self-adaptive sine cosine multi-objective optimization algorithm to solve microgrid optimal energy scheduling problems	Scientific Reports	14	1			3.8	10.1038/s41598-024-69734-4
1797	Prasath S.T., Navaneethan C.	Colorectal cancer prognosis based on dietary pattern using synthetic minority oversampling technique with K-nearest neighbors approach	Scientific Reports	14	1			3.8	10.1038/s41598-024-67848-3
1798	Hariharan M., Eithiraj R.D.	Comprehensive study on structural, electronic, optical, elastic, and transport properties of natural mercury sulphohalides via DFT computation	Scientific Reports	14	1			3.8	10.1038/s41598-024-69430-3
1799	Das R., Bhattarai A., Karn R., Tamang B.	Computational investigations of potential inhibitors of monkeypox virus envelope protein E8 through molecular docking and molecular dynamics simulations	Scientific Reports	14	1			3.8	10.1038/s41598-024-70433-3

1800	Varaprasad M.V.G., Nuvvula R.S.S., Kumar P.P., Radwan N., Dhanamjayulu C., Shaik M.R., Khan B.	Design and implementation of single DC-link based three- phase multilevel inverter with CB-PWM techniques	Scientific Reports	14	1			3.8	10.1038/s41598-024- 68293-y
1801	Maddiralla V., Subramanian S.	Effective lane detection on complex roads with convolutional attention mechanism in autonomous vehicles	Scientific Reports	14	1			3.8	10.1038/s41598-024- 70116-z
1802	Govindankutty S., Gopalan S.P.	Epidemic modeling for misinformation spread in digital networks through a social intelligence approach	Scientific Reports	14	1			3.8	10.1038/s41598-024- 69657-0
1803	Jyothi B., Varma P.S., Ravikumar C.V., Dhanamjayulu C., Kim T.-H., Rao K.P.P., Rajesh A., Ahmad S.	Evaluation of a multiphase cascaded H-bridge inverter for induction motor operation	Scientific Reports	14	1			3.8	10.1038/s41598-024- 68713-z
1804	Basha N.K., Ananth C., Muthukumar K., Sudhamsu G., Mittal V., Gared F.	Mask region-based convolutional neural network and VGG-16 inspired brain tumor segmentation	Scientific Reports	14	1			3.8	10.1038/s41598-024- 66554-4
1805	Raminedi S., Shridevi S., Won D.	Multi-modal transformer architecture for medical image analysis and automated report generation	Scientific Reports	14	1			3.8	10.1038/s41598-024- 69981-5

1806	Karthikeya S., Atta S., Rao K.K., Dash S., NarendraKumar U., Mathew A.T.	Optical behaviour of magnetron sputtered nano-hilled TiN coatings	Optical Materials	155				3.8	10.1016/j.optmat.2024.115838
1807	Subburaj B., Maheswari J.U., Ibrahim S.P.S., Kavitha M.S.	Population diversity control based differential evolution algorithm using fuzzy system for noisy multi-objective optimization problems	Scientific Reports	14	1			3.8	10.1038/s41598-024-68436-1
1808	Vijayakumar A., Vairavasundaram S., Koilraj J.A.S., Rajappa M., Kotecha K., Kulkarni A.	Real-time visual intelligence for defect detection in pharmaceutical packaging	Scientific Reports	14	1			3.8	10.1038/s41598-024-69701-z
1809	Bhavadharini R.M., Surendiran B.	Secured osprey-based energy efficient routing and congestion control in WSN	Sustainable Computing: Informatics and Systems	44				3.8	10.1016/j.suscom.2024.101026
1810	Venkatapathy S., Srinivasan T., Lee O.-S., Jayaraman R., Jo H.-G., Ra I.-H.	Slice-aware 5G network orchestration framework based on dual-slice isolation and management strategy (D-SIMS)	Scientific Reports	14	1			3.8	10.1038/s41598-024-68892-9
1811	John J., John Singh K.	Trust value evaluation of cloud service providers using fuzzy inference based analytical process	Scientific Reports	14	1			3.8	10.1038/s41598-024-69134-8

1812	Kotte S., Injeti S.K., Thunuguntla V.K., Kumar P.P., Nuvvula R.S.S., Dhanamjayulu C., Rahaman M., Khan B.	Energy curve based enhanced smell agent optimizer for optimal multilevel threshold selection of thermographic breast image segmentation	Scientific Reports	14	1			3.8	10.1038/s41598-024-71448-6
1813	Alreshidi F.S., Alsaffar M., Chengoden R., Alshammari N.K.	Fed-CL- an atrial fibrillation prediction system using ECG signals employing federated learning mechanism	Scientific Reports	14	1			3.8	10.1038/s41598-024-71366-7
1814	Vijayakumar S., Sudhakar N.	Golden eagle optimized fractional-order PI controller design for a PFC SEPIC converter in EV charging	Scientific Reports	14	1			3.8	10.1038/s41598-024-69653-4
1815	Krishnamoorthy L., Lakshmanan V.R.	Hydrogeochemical Evaluation and Multivariate Statistical Analysis of Groundwater for Sustainable Groundwater Quality Management in the Industrial Corridor of Ranipet District, Tamil Nadu, India	Water, Air, and Soil Pollution	235	10			3.8	10.1007/s11270-024-07443-4
1816	Rathod A.A., Balaji S.	Modified Harris Hawks optimization for the 3E feasibility assessment of a hybrid renewable energy system	Scientific Reports	14	1			3.8	10.1038/s41598-024-70663-5

1817	Rao N.T., Kumar K.K., Kumar P.P., Nuvvula R.S.S., Mutharasan A., Dhanamjayulu C., Shaik M.R., Khan B.	Multiobjective optimal TCSC placement using multiobjective grey wolf optimizer for power losses reduction	Scientific Reports	14	1			3.8	10.1038/s41598-024- 72124-5
1818	Angammal S., Grace G.H.	Neutrosophic goal programming technique with bio inspired algorithms for crop land allocation problem	Scientific Reports	14	1			3.8	10.1038/s41598-024- 69487-0
1819	Gajendra G., Pulimi M., Natarajan C., Mukherjee A.	Occurrence, Toxicodynamics, and Mechanistic Insights for Atrazine Degradation in the Environment	Water, Air, and Soil Pollution	235	10			3.8	10.1007/s11270-024- 07439-0
1820	Dhaundiya A., Mittal A.	Unveiling the Microplastics: Sources, Distribution, Toxicological Impacts, Extraction Methods, Degradational Strategies, Paving the Path to a Sustainable Future	Water, Air, and Soil Pollution	235	11			3.8	10.1007/s11270-024- 07506-6
1821	J M S.L., P S.	Unveiling the potential of machine learning approaches in predicting the emergence of stroke at its onset: a predicting framework	Scientific Reports	14	1			3.8	10.1038/s41598-024- 70354-1

1822	Nagalingam S.P., Shariq M., Marimuthu S., Josephine Malathi A.C., Pandiaraj S., Alodhayb A.N., Grace A.N.	2D/2D-Graphene Functionalized MXene as an Alternative Counter Electrode for Dye-Sensitized Solar Cells	Industrial and Engineering Chemistry Research	63	37	16141	16153	3.8	10.1021/acs.iecr.4c0 1924
1823	Pradhan P., Purohit A., Jena H., Singh J., Sahoo B.B.	Effects of spherical fillers reinforcement on the efficacy of thermal conductivity in epoxy and polyester matrices: Experimental validation and prediction using finite element method	Journal of Vinyl and Additive Technology					3.8	10.1002/vnl.22159
1824	Chakraborty S., Pramoda S.N., Megotia P., Rathore T., Ahmad S.F., Banerjee S.	Sesamolin, a polyphenol with potential breast cancer therapeutic benefits: Unveiling insights through structural mining of surfacesome proteins	Journal of Functional Foods	121				3.8	10.1016/j.jff.2024.10 6397
1825	Aruna K.; Okposo N.I.; Raghavendar K.; Inc M.	Analytical solutions for the Noyes Field model of the time fractional Belousov Zhabotinsky reaction using a hybrid integral transform technique	Scientific Reports	14	1			3.8	10.1038/s41598-024- 74072-6
1826	Priyanka E.B.; Thangavel S.; Mohanasundaram R.; Anand R.	Solar powered integrated multi sensors to monitor inland lake water quality using statistical data fusion technique with Kalman filter	Scientific Reports	14	1			3.8	10.1038/s41598-024- 76068-8

1827	Gnanavel J.R.S.; Jawahar V.N.; Balasubramanian D.; Navasingh R.J.H.; Elumalai P.V.; Vijayakumar S.; Pitchumani S.V.; Fouad Y.; Soudagar M.E.M.; Ganesh M.; Cherie A.	Experimentation on Sargassum wightii as a flash powder igniter for attaining eco-friendly combustion on pyrotechnics	Scientific Reports	14	1			3.8	10.1038/s41598-024- 72563-0
1828	S T.P.; Bommahalli Jayaraman B.; Siddiqui M.K.	Exploring the properties of antituberculosis drugs through QSPR graph models and domination-based topological descriptors	Scientific Reports	14	1			3.8	10.1038/s41598-024- 73918-3
1829	Jariwala A.M.; Dash S.K.; Sahu U.K.; Chudjuarjeen S.	Design and dynamic emulation of hybrid solar- wind-wave energy converter (SWWEC) for efficient power generation	Scientific Reports	14	1			3.8	10.1038/s41598-024- 72827-9
1830	Manikandan S.; Elakiya E.; Rajheshwari K.C.; Sivakumar K.	Efficient energy consumption in hybrid cloud environment using adaptive backtracking virtual machine consolidation	Scientific Reports	14	1			3.8	10.1038/s41598-024- 72459-z
1831	Markkandan S.; Bhavani N.P.G.; Nath S.S.	A privacy-preserving expert system for collaborative medical diagnosis across multiple institutions using federated learning	Scientific Reports	14	1			3.8	10.1038/s41598-024- 73334-7

1832	Chandrasekaran F.P.; Nelson E.J.R.	Molecular dynamics simulations involving different β -propeller mutations reported in Swiss and French patients correlate with their disease phenotypes	Scientific Reports	14	1			3.8	10.1038/s41598-024-75070-4
1833	Kolasseri A.E.; B V.	Comparative study of machine learning and statistical survival models for enhancing cervical cancer prognosis and risk factor assessment using SEER data	Scientific Reports	14	1			3.8	10.1038/s41598-024-72790-5
1834	Philip Mulamoottil S.; Vigneswaran T.	A double-layered fully automated insomnia identification model employing synthetic data generation using MCSA and CTGAN with single-channel EEG signals	Scientific Reports	14	1			3.8	10.1038/s41598-024-74706-9
1835	Soniya S.; Sriharipriya K.C.	Integrating Kalman filter noise residue into U-Net for robust image denoising: the KU-Net model	Scientific Reports	14	1			3.8	10.1038/s41598-024-74777-8
1836	Murali A.; Muthunagai K.	Disquisition on convergence, stability, and data dependence for a new fast iterative process	Scientific Reports	14	1			3.8	10.1038/s41598-024-73261-7

1837	Priyadharshini S.; Ramkumar K.; Vairavasundaram S.; Narasimhan K.; Venkatesh S.; Madhavasarma P.; Kotecha K.	Bio-inspired feature selection for early diagnosis of Parkinson's disease through optimization of deep 3D nested learning	Scientific Reports	14	1			3.8	10.1038/s41598-024-74405-5
1838	Rajenderan E.; Prasad V.R.	Numerical study of magneto convective ag (silver) graphene oxide (GO) hybrid nanofluid in a square enclosure with hot and cold slits and internal heat generation/absorption	Scientific Reports	14	1			3.8	10.1038/s41598-024-76233-z
1839	Surampudi S.; Kumar V.	Hybrid Naïve Bayes Gaussian mixture models and SAR polarimetry based automatic flooded vegetation studies using PALSAR-2 data	Remote Sensing Applications: Society and Environment	36				3.8	10.1016/j.rsase.2024.101361
1840	Aladeemy S.A.; Arunachalam P.; Al-Mayouf A.M.; Sudha P.N.; Rekha A.; Vidhya A.; Hemapriya J.; Latha S.; Prasad P.S.; Pavithra S.; Arunadevi R.; Hameed S.T.	Engineered CoS/Ni3S2 Heterointerface Catalysts Grown Directly on Carbon Paper as an Efficient Electrocatalyst for Urea Oxidation	Catalysts	14	9			3.8	10.3390/catal14090570

1841	Kalaam A.R.A.; Greeni A.B.; Arockiaraj M.	Modified reverse degree descriptors for combined topological and entropy characterizations of 2D metal organic frameworks: applications in graph energy prediction	Frontiers in Chemistry	12				3.8	10.3389/fchem.2024.1470231
1842	Kavya P.; Theijeswini R.C.; Gayathri M.	Phytochemical analysis, identification of bioactive compounds using GC-MS, in vitro and in silico hypoglycemic potential, in vitro antioxidant potential, and in silico ADME analysis of Chlorophytum comosum root and leaf	Frontiers in Chemistry	12				3.8	10.3389/fchem.2024.1458505
1843	Golla M.; Thangavel S.; Simon S.P.; Padhy N.P.	Improved Control Strategy for Multifunctional UAPF-Based Hybrid AC/DC Microgrid System	IEEE Transactions on Power Delivery	39	5	2729	2741	3.8	10.1109/TPWRD.2024.3426949
1844	Vijai Anand A.S.; Perinbanathan S.; Singh I.; Panicker R.R.; Boominathan T.; Gokul A.S.; Sivaramakrishna A.	Diverse Catalytic Applications of Phosphine Oxide-Based Metal Complexes	ChemCatChem					3.8	10.1002/cctc.202400844
1845	Nagarajan B.; Svn S.K.; Selvi M.; Thangaramya K.	A fuzzy based chicken swarm optimization algorithm for efficient fault node detection in Wireless Sensor Networks	Scientific reports	14	1	0	0	3.8	10.1038/s41598-024-78646-2

1846	Sridhar D.; Parimalarenganayaki S.	Assessment of Groundwater Quality Under Unplanned Urban Environment: a Case Study From Vellore City, Tamilnadu, India	Water, Air, and Soil Pollution	235	12	0	0	3.8	10.1007/s11270-024-07593-5
1847	Venkatasatish R.; Dhanamjayulu C.	Design and implementation of an inductor based cell balancing circuit with reduced switches for Lithium-ion batteries	Scientific Reports	14	1	0	0	3.8	10.1038/s41598-024-80096-9
1848	Shalini M.; Nanthini S.; Veluswamy P.; Weerasinghe J.; Levchenko I.; Alexander K.; Prasad K.; Shankar H.; Sathiyamoorthy S.	Facet dependent ultralow thermal conductivity of zinc oxide coated silver fabric for thermoelectric devices	Scientific Reports	14	1	0	0	3.8	10.1038/s41598-024-73773-2
1849	Talukder A.; Ghosh S.	Facial Image expression recognition and prediction system	Scientific Reports	14	1	0	0	3.8	10.1038/s41598-024-79146-z
1850	Bhavadharini R.M.; Sellamuthu S.; Sudhakaran G.; Elngar A.A.	Fuzzy based Energy Efficient Rider Remora Routing protocol for secured communication in WSN network	Sustainable Computing: Informatics and Systems	44	0	0	0	3.8	10.1016/j.suscom.2024.101043
1851	Manikandan M.; Prasankumar T.; Manikandan E.; Papanasam E.; Ramesh K.; Ramesh S.	Hydrothermal synthesis of rGO and MnCoS composite for enhanced supercapacitor application	Scientific Reports	14	1	0	0	3.8	10.1038/s41598-024-77245-5
1852	Awdhesh Kumar Mishra R.; Kodiveri Muthukaliannan G.	In-silico and in-vitro study of novel antimicrobial peptide AM1 from Aegle marmelos against drug-resistant Staphylococcus aureus	Scientific Reports	14	1	0	0	3.8	10.1038/s41598-024-76553-0

1853	Muniyappan S.; Krishnaiah R.	Investigation on CuO nanoparticle enhanced mahua biodiesel/diesel fuelled CI engine combustion for improved performance and emission abetted by response surface methodology	Scientific Reports	14	1	0	0	3.8	10.1038/s41598-024-77271-3
1854	Mishra R.; Shridevi S.	Knowledge graph driven medicine recommendation system using graph neural networks on longitudinal medical records	Scientific Reports	14	1	0	0	3.8	10.1038/s41598-024-75784-5
1855	Irshad C.V.; Padma Sri Lekha P.; Abdul Azeez E.P.; Muhammed T.	Late-life psychiatric factors and life satisfaction are associated with cognitive errors: evidence from an experimental module of a large-scale survey in India	Scientific Reports	14	1	0	0	3.8	10.1038/s41598-024-76180-9
1856	Ramesh R.; Sundaresh A.; Rajkumar R.P.; Negi V.S.; Vijayalakshmi M.A.; Kamalanathan A.S.	Occurrence of protease-like catalytic activity in the polyclonal IgG in schizophrenia and bipolar disorder	Scientific Reports	14	1	0	0	3.8	10.1038/s41598-024-75200-y
1857	Alexander L.D.; Jakhar S.; Dasgupta M.S.	Optimizing cold storage for uniform airflow and temperature distribution in apple preservation using CFD simulation	Scientific Reports	14	1	0	0	3.8	10.1038/s41598-024-76385-y
1858	Tamil Selvan M.; Somasundaram M.; Raja Annamalai A.	Optimizing dry milling of stir-cast and heat-treated AZ80 magnesium alloy using multiple criteria optimization technique: an experimental study	Scientific Reports	14	1	0	0	3.8	10.1038/s41598-024-77174-3

1859	Sampath P.; Elangovan G.; Ravichandran K.; Shanmuganathan V.; Pasupathi S.; Chakrabarti T.; Chakrabarti P.; Margala M.	Robust diabetic prediction using ensemble machine learning models with synthetic minority over-sampling technique	Scientific Reports	14	1	0	0	3.8	10.1038/s41598-024-78519-8
1860	Supriya K.; Anitha A.	Stage-based colorectal cancer prediction on uncertain dataset using rough computing and LSTM models	Scientific Reports	14	1	0	0	3.8	10.1038/s41598-024-77302-z
1861	Vignesh K.; Sujithra S.; Vajjiravel M.; Narenkumar J.; Das B.; AlSalhi M.S.; Devanesan S.; Rajasekar A.; Malik T.	Synthesis of novel N-substituted tetrabromophthalic as corrosion inhibitor and its inhibition of microbial influenced corrosion in cooling water system	Scientific Reports	14	1	0	0	3.8	10.1038/s41598-024-76254-8
1862	Suganya S.; Parthiban V.; Shangerganesh L.; Hariharan S.	Transmission dynamics of fractional order SVEIR model for African swine fever virus with optimal control analysis	Scientific Reports	14	1	0	0	3.8	10.1038/s41598-024-78140-9
1863	Babu D.; Jagadeesan D.; Thejaswini T.V.L.; Mohan A.M.; Deivasigamani P.	Visible light responsive heterophase Titania monoliths for the fast and efficient photocatalytic decontamination of organic pollutants	Scientific Reports	14	1	0	0	3.8	10.1038/s41598-024-79285-3
1864	Christudhas C.; Fathima A.	VLSI implementation of a modified min-max median filter using an area and power competent tritonic sorter for image denoising	Scientific Reports	14	1	0	0	3.8	10.1038/s41598-024-80053-6

1865	Srinivasu P.N.; Jaya Lakshmi G.; Gudipalli A.; Narahari S.C.; Shafi J.; Wo?niak M.; Ijaz M.F.	XAI-driven CatBoost multi-layer perceptron neural network for analyzing breast cancer	Scientific Reports	14	1	0	0	3.8	10.1038/s41598-024-79620-8
1866	Pal S.; Vishnu D.	Detailed mechanistic insights into photocatalytic dye degradation via electronic and agricultural waste derived catalysts	Chemical Engineering and Processing - Process Intensification	206	0	0	0	3.8	10.1016/j.cep.2024.110046
1867	Madheswaran S.; Venkatesan R.	A dual-band reflective polarizer based meta-surface with higher angular stability for C and X-band applications	Scientific Reports	14	1	0	0	3.8	10.1038/s41598-024-80734-2
1868	Thunuguntla V.K.; Maineni V.; Injeti S.K.; Kumar P.P.; Nuvvula R.S.S.; Dhanamjayulu C.; Rahaman M.; Khan B.	A TOPSIS based multi-objective optimal deployment of solar PV and BESS units in power distribution system electric vehicles load demand	Scientific Reports	14	1	0	0	3.8	10.1038/s41598-024-79519-4
1869	Saladi S.; Yepuganti K.; Chinthaginjala R.; Kim T.-H.; Ahmad S.	A unique unsupervised enhanced intuitionistic fuzzy C-means for MR brain tissue segmentation	Scientific Reports	14	1	0	0	3.8	10.1038/s41598-024-81648-9
1870	Pardhu T.; Kumar V.; Durbhakula K.C.	Deep Kronecker LeNet for human motion classification with feature extraction	Scientific Reports	14	1	0	0	3.8	10.1038/s41598-024-80195-7
1871	Sundari K.S.; Keerthi B.S.	Enhancing low-light images using Sakaguchi type function and Gegenbauer polynomial	Scientific Reports	14	1	0	0	3.8	10.1038/s41598-024-80605-w

1872	Sur S.; Sathiavelu M.	Functional profiling of the rhizospheric Exiguobacterium sp. for dimethoate degradation, PGPR activity, biofilm development, and ecotoxicological risk	Scientific Reports	14	1	0	0	3.8	10.1038/s41598-024-80559-z
1873	Vadivel S.M.; Kumar V.; Verma P.	Lean facility layout selection in a post service to enhance operational performance: a graph theory model	TQM Journal	0	0	0	0	3.8	10.1108/TQM-05-2024-0201
1874	Babu T.N.; Singh S.; Prabha D.R.; Mishra S.; Pandey V.	Mechanical, machinability and water absorption properties of novel kenaf fiber, glass fiber and graphene composites reinforced with epoxy	Scientific Reports	14	1	0	0	3.8	10.1038/s41598-024-81314-0
1875	Jagadeeswar V.; Roopan S.M.; Shajahan S.; Samuel E.J.J.	Interdisciplinary Insights: Exploring the Photocatalytic Potential of Carbon-Modified Materials	Comments on Inorganic Chemistry	0	0	0	0	3.8	10.1080/02603594.2024.2430463
1876	George G., Lal A.M.	PERKC: Personalized kNN With CPT for Course Recommendations in Higher Education	IEEE Transactions on Learning Technologies	17		885	892	3.7	10.1109/TLT.2023.3346645
1877	Yerrathi S., Pakala V.	Enhancing network stability in VANETs using nature inspired algorithm for intelligent transportation system	PLoS ONE	19	01-Jan			3.7	10.1371/journal.pone.0296331
1878	Warghane A., Saini R., Shri M., Andankar I., Ghosh D.K., Chopade B.A.	Application of nanoparticles for management of plant viral pathogen: Current status and future prospects	Virology	592				3.7	10.1016/j.virol.2024.109998

1879	Vijayakumar S., Swetha R.G., Bakthavatchalam Y.D., Vasudevan K., Shankar B.A., Kirubananthan A., Walia K., Ramaiah S., Biswas I., Veeraraghavan B., Anbarasu A.	Genomic investigation unveils colistin resistance mechanism in carbapenem-resistant <i>Acinetobacter baumannii</i> clinical isolates	Microbiology Spectrum	12	2			3.7	10.1128/spectrum.02511-23
1880	Rasheed H.S., Nelapati R.P.	Low-power and area-efficient memristor based non-volatile D latch and flip-flop: Design and analysis	PLoS ONE	19	03-Mar			3.7	10.1371/journal.pone.0300073
1881	Nisar K.S., Jothimani K., Ravichandran C.	Optimal and total controllability approach of non-instantaneous Hilfer fractional derivative with integral boundary condition	PLoS ONE	19	02-Feb			3.7	10.1371/journal.pone.0297478
1882	Subha N., Ravi Sankar A., Navaneethakrishnan S., Lavanya J., Aakash M.	Perovskite-based Z-scheme photocatalytic system for hydrogen production	Catalysis Communications					3.7	10.1016/j.catcom.2024.106903
1883	Athulya P.A., Chandrasekaran N., Thomas J.	<i>Bacillus</i> spp. isolated from intestine of <i>Oreochromis mossambicus</i> : Identifying a potential probiotic for tilapia culture	Aquaculture Reports	36				3.7	10.1016/j.aqrep.2024.102067
1884	Roshan M., Rawat M., Aryan K., Lyakso E., Mary Mekala A., Ruban N.	Linguistic based emotion analysis using softmax over time attention mechanism	PLoS ONE	19	04-Apr			3.7	10.1371/journal.pone.0301336

1885	Venkatasachandran P., Iyapparaja M.	GNViT- An enhanced image-based groundnut pest classification using Vision Transformer (ViT) model	PLoS ONE	19	03-Mar	1	23	3.7	10.1371/journal.pone.0301174
1886	Reda H., Mohapatra S.K., Das T.K., Dash S.K.	Electric bus arrival and charging station placement assessment using machine learning techniques	International Journal of Sustainable Engineering	17	1	1	17	3.7	10.1080/19397038.2024.2333563
1887	P V., M I.	GNViT- An enhanced image-based groundnut pest classification using Vision Transformer (ViT) model	PloS one	19	3	e0301174		3.7	10.1371/journal.pone.0301174
1888	Loganathan T., Fletcher J., Abraham P., kannangai R., Chakraborty C., El Allali A., Alsamman A.M., Zayed H., C G.P.D.	Expression analysis and mapping of Viral—Host Protein interactions of Poxviridae suggests a lead candidate molecule targeting Mpox	BMC Infectious Diseases	24	1			3.7	10.1186/s12879-024-09332-x
1889	Shafi S.M., Chinnappan S.K.	Segmenting and classifying lung diseases with M-Segnet and Hybrid Squeezenet-CNN architecture on CT images	PLoS ONE	19	05-May			3.7	10.1371/journal.pone.0302507
1890	Dutta S., Alqifari H.N., Almohaimeed A.	Bayesian and non-bayesian inference for logistic-exponential distribution using improved adaptive type-II progressively censored data	PLoS ONE	19	05-May			3.7	10.1371/journal.pone.0298638

1891	Babu P.D., Dongre P., Moganraj A., Nambiraj N A., Manivasagam G., Sure J.	Impact of copper and manganese on phase transformation, microstructural development and material strength in CoCrFeNi high-entropy alloys through mechanical alloying	Materials Today Communications	40				3.7	10.1016/j.mtcomm.2024.109579
1892	Nagarajan S., Fazlur-Rahman N.K.	Mn-Catalyzed Ligand-Free One-Pot Synthesis of (E)-6,7-Dihydrodibenzo[b,j][1,7]phenanthrolines and (E)-1,2,3,4-Tetrahydrobenzo[b][1,6]naphthyridines through Dehydrogenative Friedlander Annulation/C(sp ³)-H Functionalization	ACS Omega	9	23	24464	24476	3.7	10.1021/acsomega.4c00188
1893	Balasundaram A., Mitra T.S., Tayubi I.A., Zayed H., Doss G.P.C.	Deciphering the miRNA-mRNA Interaction Landscape between Breast Cancer and Triple-Negative Breast Cancer: An Integrated Bioinformatics Approach	ACS Omega	9	23	24379	24395	3.7	10.1021/acsomega.4c00011
1894	Joshi T., Vijayakumar S., Ghosh S., Mathpal S., Ramaiah S., Anbarasu A.	Identifying Novel Therapeutics for the Resistant Mutant "F533L" in PBP3 of Pseudomonas aeruginosa Using ML Techniques	ACS Omega					3.7	10.1021/acsomega.4c00929

1895	Murugapandian R., Mohan S.G., Sridhar T.M., Nambi Raj N.A., Uthirapathy V.	Comparative Analysis of Electrospun Silk Fibroin/Chitosan Sandwich- Structured Scaffolds for Osteo Regeneration: Evaluating Mechanical Properties, Biological Performance, and Drug Release	ACS Omega					3.7	10.1021/acsomega.4 c01069
1896	Arya P.J., Bhuvaneshwari R.	Learning to think: Deterritorialization in Mona Lisa Smile and Dead Poets Society	Humanities and Social Sciences Communications	11	1			3.7	10.1057/s41599-024- 03338-1
1897	Sarkar M., Saha D., Mishra J., Kumba K.	Synchronous and non synchronous delay-dependent robust wide-area controllers for power system	Journal of the Franklin Institute	361	11			3.7	10.1016/j.jfranklin.2 024.106961
1898	Hou X., Ramakrishnan S., Audonnet F., Štrancar A., Christophe G., Traikia M., Delattre C., Michaud P., Dubessay P., Pierre G.	Development of an immobilized laccases - CDI CIMmultus® monolithic reactor for ecofriendly producing gallic acid-dextran conjugate	Process Biochemistry	144		256	265	3.7	10.1016/j.procbio.20 24.06.011
1899	Paul S., Bhuyan S., Balasoupramanien D.D., Palaniappan A.	Muco-Adhesive and Muco- Penetrative Formulations for the Oral Delivery of Insulin	ACS Omega	9	23	24121	24141	3.7	10.1021/acsomega.3 c10305

1900	Sulthana S.F., Iqbal U.M., Suseela S.B., Anbazhagan R., Chinthaginjala R., Chitathuru D., Ahmad I., Kim T.-H.	Electrochemical Sensors for Heavy Metal Ion Detection in Aqueous Medium: A Systematic Review	ACS Omega					3.7	10.1021/acsomega.4c00933
1901	Haque S., Mansor Mathkor D., Johargy A.K., Faidah H., Babalghith A.O., Hariri S.H., Jalal N.A., Ahmad F., Bantun F.	Molecular Modeling and simulation-based identification of inhibitors against new Delhi Metallo-Lactamase 1: Implications for bacterial antibiotic resistance	Journal of King Saud University - Science	36	8			3.7	10.1016/j.jksus.2024.103290
1902	Illakkia R., Mahesh N., Balakumar S., Sivakumar N., Kavitha Shree G.G., Prem Rajan A., Govindasamy C., Aravind J.	Adroit effect of copper nanoparticles and copper nanozyme and their effective decolorization of azo dyes	Journal of King Saud University - Science	36	9			3.7	10.1016/j.jksus.2024.103353
1903	Suresh T., Nachiappan D.M., Karthikeyan G., Vijayakumar V., P Jasinski J., Sarveswari S.	An Efficient Synthesis of Novel Aminothiazolylacetamido-Substituted 3,5-Bis(arylidene)-4-piperidone Derivatives and Their Cytotoxicity Studies	ACS Omega	9	27	29244	29251	3.7	10.1021/acsomega.4c00039

1904	Chatterjee P., Karn R., Emerson. I A., Banerjee S.	Deciphering the Chemotherapeutic Role of the Aryl Hydrocarbon Receptor Antagonist Resveratrol against the High-Penetrance Genes of Triple-Negative Breast Cancer	ACS Omega	9	28	30350	30363	3.7	10.1021/acsomega.4c01317
1905	Warnke B., Martens K., Winker T., Groppe S., Groppe J., Adhiyaman P., Srinivasan S., Krishnakumar S.	ReJOOSp: Reinforcement Learning for Join Order Optimization in SPARQL	Big Data and Cognitive Computing	8	7			3.7	10.3390/bdcc8070071
1906	Harini R., Indhira K.	Stochastic modelling and meta heuristic optimization of a batch production system	Journal of King Saud University - Science	36	8			3.7	10.1016/j.jksus.2024.103308
1907	Bakhite E.A., Mohamed S.K., Lai C.-H., Subramani K., Marae I.S., Abuelhassan S., Soliman A.A.E., Youssef M.S.K., Abuelizz H.A., Mague J.T., Al-Salahi R., El Bakri Y.	Synthesis, Crystal Structure, Hirshfeld Surface Analysis, and Computational Approach of a New Pyrazolo[3,4-g]isoquinoline Derivative as Potent against Leucine-Rich Repeat Kinase 2 (LRRK2)	ACS Omega	9	28	30751	30770	3.7	10.1021/acsomega.4c03208

1908	Nandhakumar S., Gokul kumar K., Arivazhagan N., Manikandan M., Jose B., Renangi S.	Technology development of novel autogenous double pulse tungsten insert gas welding technique to evaluate the depth of penetration, micro segregation via machine learning and desirability function approach	Materials Today Communications	40				3.7	10.1016/j.mtcomm. 2024.109614
1909	Sofri S., Reddy Prasad D.M., Azri M.H., Raja Sekhar Y.	Undergraduates' process safety knowledge development with virtual reality game	Interactive Learning Environments					3.7	10.1080/10494820.2 024.2371938
1910	Prajapat R., Yadav H., Shaik A.H., Kiran B., Kanchi R.S., Shaik S., Said Z., Chandan M.R., Chakraborty S.	A review of the prospects, efficacy and sustainability of nanotechnology-based approaches for oil spill remediation	Waste Management and Research					3.7	10.1177/0734242X2 41257095
1911	Pragalathan S., Venugopal V.	Analysis and Application of Poly(vinyl alcohol) (PVA) and Polyacrylonitrile (PAN) Nanofiber Membrane-Based Triboelectric Nanogenerators	ACS Omega					3.7	10.1021/acsomega.4 c03625
1912	Sankaranarayanan G., Muthukaliannan G.K.	Exploring antimicrobial resistance determinants in the Neanderthal microbiome	Microbiology Spectrum	12	8			3.7	10.1128/spectrum.0 2662-23

1913	Balasubramanian V., Saravanan R., Balamurugan S.S.S., Rajendran S., Joseph L.D., Dev B., Srinivasan B., Balunathan N., Shanmugasundaram G., Gopisetty G., Ganesan K., Rayala S.K., Venkatraman G.	Genetic alteration of mRNA editing enzyme APOBEC3B in the pathogenesis of ovarian endometriosis	Reproductive BioMedicine Online	49	5			3.7	10.1016/j.rbmo.2024.104111
1914	Aishwarya K., Maruthasalamoorthy S., Thenmozhi R., Mani J., Anbalagan G., Nirmala R., Navaneethan M., Rangaswamy N.	Impact of Crystallite Size and Phase Boundaries on Magnetic and Thermoelectric Properties of Cu-Added BiFeO ₃	ACS Omega	9	32	35088	35099	3.7	10.1021/acsomega.4c05361
1915	Khade V., Wuppulluri M.	Microwave Absorption Performance of Flexible Porous PVDF-MWCNT Foam in the X-Band Frequency Range	ACS Omega					3.7	10.1021/acsomega.4c00995
1916	Suresh S., Nawaz Khan F.R.	One-Pot Sequential Synthesis of Alkenylated Dihydroquinolinones and Hexahydroacridinones in Deep Eutectic Solvent Medium	ACS Omega					3.7	10.1021/acsomega.4c02058

1917	John J., John Singh K.	Predictive digital twin driven trust model for cloud service providers with Fuzzy inferred trust score calculation	Journal of Cloud Computing	13	1			3.7	10.1186/s13677-024-00694-w
1918	Ganesh Kumar S.S., Gudipalli A.	A comprehensive review on payloads of unmanned aerial vehicle	Egyptian Journal of Remote Sensing and Space Science	27	4	637	644	3.7	10.1016/j.ejrs.2024.08.001
1919	Adaikalasamy P., Kumari S., Elizabeth Jacob S., Bhuiyan S., Baskaran R.R., Sampath S., Devanesan S.	Integrative bioinformatics analysis of transcriptomic data from CD8+ T cells in Systemic Lupus Erythematosus	Journal of King Saud University - Science	36	9			3.7	10.1016/j.jksus.2024.103417
1920	Pillai R.S., Sreenivasulu Y.	Trans-becoming: decoding interactionist trans identity in Nagarkirtan (2019) and Chitragada: The Crowning Wish (2012)	Humanities and Social Sciences Communications	11	1			3.7	10.1057/s41599-024-03651-9
1921	Alphonse S., Abinaya S., Kumar N.	Pain assessment from facial expression images utilizing Statistical Frei-Chen Mask (SFCM)-based features and DenseNet	Journal of Cloud Computing	13	1			3.7	10.1186/s13677-024-00706-9
1922	Greeni A.B., Kalaam A.R.A., Arockiaraj M.	Predicting graph energy and entropy analysis of pent-heptagonal nanomaterials: Insights from regression models using generalized reverse degree-sum topological indices	Materials Today Communications	41				3.7	10.1016/j.mtcomm.2024.110229

1923	Latha Ravi J., Rana S.S.	Maximizing the Nutritional Benefits and Prolonging the Shelf Life of Millets through Effective Processing Techniques: A Review	ACS Omega	9	37	38327	38347	3.7	10.1021/acsomega.4c03466
1924	Kumar K.R.; Shaik A.H.	Novel 2D Layered MXene Nanofluids for Enhancing the Convective Heat Transfer Performance of Double-Pipe Heat Exchangers	ACS Omega	9	40	41758	41775	3.7	10.1021/acsomega.4c06080
1925	Premnath V.; Veerappapillai S.	Unveiling miRNA-Gene Regulatory Axes as Promising Biomarkers for Liver Cirrhosis and Hepatocellular Carcinoma	ACS Omega					3.7	10.1021/acsomega.4c06551
1926	Das A.; Ali M.; Misra A.; Islam S.; Kar B.; Biswas S.; Ghatak G.; Mal D.; Shit M.; Dolai M.; Das A.	Green Synthesized Biogenic Ag Nanoparticles With Enhanced Antibacterial, Antifungal, Antibiofilm, and Antioxidant Activities: Catalytic Applications in the ipso-Hydroxylation of Aryl Boronic Acids	Applied Organometallic Chemistry					3.7	10.1002/aoc.7796
1927	Mohanty S.; Christopher B P.	The role of training evaluation as a mediator in the adoption of the gamification methodology in Indian business	Interactive Learning Environments					3.7	10.1080/10494820.2024.2373423
1928	Hu G.; Yang Y.; Shang P.; Peng Y.; Selvaprabhu P.; Hai H.	Low-Complexity Huffman Coding-Based Adaptive Spatial Modulation	IEEE Communications Letters					3.7	10.1109/LCOMM.2024.3467169

1929	Alsulimani A.; Johargy A.K.; Faidah H.; Babalghith A.O.; Aldairi A.F.; Bantun F.; Ahmad F.; Mathkor D.M.; Haque S.	Effectiveness and safety of chemical inhibitors against mammalian target of rapamycin (mTOR) for primary immunosuppression in recipients of kidney transplant: A systematic review and meta-analysis	Journal of King Saud University - Science	36	11			3.7	10.1016/j.jksus.2024.103481
1930	Velu R.; Rajasekaran V.	?This story must be told:? unveiling environmental and social tapestry in Imbolo Mbue?s How Beautiful We Were	Humanities and Social Sciences Communications	11	1	0	0	3.7	10.1057/s41599-024-03944-z
1931	C J.; Praba L.; Kuppusamy S.; R M.; R T.; Jung J.W.; Deivasigamani P.; Rajesh S.	Dual fillers ZrO ₂ /BaTiO ₃ incorporated PVDF-HFP nanofiber composite for enhanced piezoelectric energy harvesting and piezo catalytic reduction of hexavalent chromium	Materials Today Communications	41	0	0	0	3.7	10.1016/j.mtcomm.2024.110904
1932	Weqar F.; Shajar S.N.; Kashif M.; Noman S.; Khan M.	Enhancing financial sustainability: the power of intellectual capital in India?s renewable energy industry	Humanities and Social Sciences Communications	11	1	0	0	3.7	10.1057/s41599-024-04092-0
1933	Ramu A.; Rajendrakumar K.	Evaluation of the Role of [Cu(PMDETA)] ₂ (O ₂₂ -)] ₂ + in Open-Air Photo ATRP of Methyl Methacrylate	ACS Omega	9	45	44916	44930	3.7	10.1021/acsomega.4c02773
1934	Pouthika K.; Roopan S.M.; Madhumitha G.	Green Engineered CuO/SnO ₂ /HNT Composites: Illuminating the Photocatalytic Path for Organic Pollutant Remediation and Zebrafish Embryo Toxicity Evaluation	Langmuir	40	44	23337	23355	3.7	10.1021/acs.langmuir.4c02739

1935	Roy N.; Dasgupta T.; Ghosh S.; Jayaprakash M.; Pal M.; Shanavas S.; Pal S.K.; Muthukumar V.; Senthil Kumar A.; Tamizhselvi R.; Roy M.; Bose B.; Panda D.; Chakrabarty R.; Paira P.	Sialic Acid-Targeted Ru(II)/Ir(III)/Re(I) Complexes for Ferroptosis Induction in Triple-Negative Breast Cancer	Langmuir	40	48	25390	25404	3.7	10.1021/acs.langmuir.4c02043
1936	S D.; Christopher B.P.	A decadal review of organizational identification: insights from bibliometric analysis and content analysis	Humanities and Social Sciences Communications	11	1	0	0	3.7	10.1057/s41599-024-03990-7
1937	Joseph A.; Uthirapathy V.	A Systematic Review of the Contribution of Additive Manufacturing toward Orthopedic Applications	ACS Omega	0	0	0	0	3.7	10.1021/acsomega.4c04870
1938	Vasudevan D.; Sangeetha D.	Blends of Silk Waste Protein and Polysaccharides for Enhanced Wound Healing and Tissue Regeneration: Mechanisms, Applications, and Future Perspectives	ACS Omega	0	0	0	0	3.7	10.1021/acsomega.4c06518
1939	Malik A.; Khan J.M.; Sen P.; Alamri A.; Karan R.; Emerson I A.	Coomassie Brilliant Blue Induces Coiled-Coil Aggregation in Lysozyme at pH 7.4 by Hydrophobic and Electrostatic Forces	ACS Omega	0	0	0	0	3.7	10.1021/acsomega.4c10216
1940	Maruthasalamoorthy S.; Rangaswamy N.	Facile Synthesis of a Pyrovanadate Ni ₂ V ₂ O ₇ Hollow Sphere/Reduced Graphene Oxide Nanocomposite as a Solid-State Hybrid Supercapacitor	ACS Omega	9	52	51481	51493	3.7	10.1021/acsomega.4c08731

1941	Kanchana M.; Kavitha K.	Sensitivity analysis and application of single-valued neutrosophic transportaion problem	Journal of King Saud University - Science	36	11	0	0	3.7	10.1016/j.jksus.2024.103567
1942	Ghosh M.; Mukherjee D.; Selvaraj C.; Ghosh P.; Sarkar S.	Synthesis of Tin Oxide Nanoparticles from E-Waste for Photocatalytic Mixed-Dye Degradation under Sunlight	ACS Omega	9	52	51136	51145	3.7	10.1021/acsomega.4c06548
1943	Khuntia S., Mohapatra S., Mohanty S.K.	Bragg scattering by an irregular versatile seabed in the presence of current	Journal of Fluids and Structures	125				3.6	10.1016/j.jfluidstructs.2023.104059
1944	Pavani M., Ashok Kumar A., Rajagopal Reddy V., Kaleemulla S., Jyothi I., Choi C.-J.	Optical, morphological and electrical properties of rapid thermally annealed CoPc/n-Ge heterostructures for photodiode applications	Materials Science and Engineering: B	300				3.6	10.1016/j.mseb.2023.117102
1945	Bharathi S.D., Babu D.R.	Synthesis, characterization and antimicrobial activity of Manganese ferrite nanoparticles	Materials Science and Engineering: B	300				3.6	10.1016/j.mseb.2023.117051
1946	Gopal M., Velmurugan T.	Resource allocation algorithm for 5G and B5G D2D underlay wireless cellular networks	Multimedia Tools and Applications					3.6	10.1007/s11042-024-18210-2
1947	Krishnamoorthy S., Ramachandra Prasad V.	Heat transfer characteristics of thermo-diffusion (Soret) and diffusion-thermo (Dufour) effects in a square cavity containing a non-Darcy porous medium	Heat Transfer					3.6	10.1002/htj.23011

1948	Karthiga R., Narasimhan K., Chinthaginjala R., Anbazhagan R., Chinnusamy M., Pau G., Satish K., Amirtharajan R., Abbas M.	A novel exploratory hybrid deep neural network to predict breast cancer for mammography based on wavelet features	Multimedia Tools and Applications					3.6	10.1007/s11042-023- 18012-y
1949	Priyanka T.M.C., Udhayakumar K., Mohanrasu S.S., Gowrisankar A., Rakkiyappan R.	Chaotic synchronization and fractal interpolation-based image encryption: exploring event-triggered impulsive control in variable-order fractional lur'e systems	Multimedia Tools and Applications					3.6	10.1007/s11042-023- 17929-8
1950	Nahas L.D., Datta A., Alsamman A.M., Adly M.H., Al-Dewik N., Sekaran K., Sasikumar K., Verma K., Doss G.P.C., Zayed H.	Genomic insights and advanced machine learning: characterizing autism spectrum disorder biomarkers and genetic interactions	Metabolic Brain Disease	39	1	29	42	3.6	10.1007/s11011-023- 01322-3
1951	Indumathy B., Anand Prabu A.	Electrospun PVDF/Si-HBP of 3rd gen based nanoweb as flexible and self-powered TENG for real-time energy harvesting	Materials Science and Engineering: B	302				3.6	10.1016/j.mseb.202 4.117216
1952	Prithvika P.C.S., Anbarasi L.J.	V-3DResNets: a 3D convolutional neural network based on residual network variants and slice grouping for pulmonary nodule detection	Multimedia Tools and Applications					3.6	10.1007/s11042-024- 18485-5

1953	Viswanathan A., Umamaheswari M., Sathya M., Yadav S.J.K.D.	Design a novel hybrid optimization with tuned deep convolutional neural network classifier for brain tumor segmentation and classification	Multimedia Tools and Applications					3.6	10.1007/s11042-024-18315-8
1954	Tejasree G., Agilandeewari L.	An extensive review of hyperspectral image classification and prediction: techniques and challenges	Multimedia Tools and Applications					3.6	10.1007/s11042-024-18562-9
1955	Rajadurai S., Perumal K., Ijaz M.F., Chowdhary C.L.	PrecisionLymphoNet: Advancing Malignant Lymphoma Diagnosis via Ensemble Transfer Learning with CNNs	Diagnostics	14	5			3.6	10.3390/diagnostics 14050469
1956	Rizvana M., Narayanan S.	Deep learning of fundus images and optical coherence tomography images for ocular disease detection – a review	Multimedia Tools and Applications					3.6	10.1007/s11042-024-18938-x
1957	B D., V P., R M., M S., B.V B., A C.	Detecting the symptoms of COVID-19 during pandemic environment using smart spectacle thermal images and deep capsule networks	Multimedia Tools and Applications					3.6	10.1007/s11042-024-18812-w
1958	Ganapathy S., Thoidingjam V., Sen A.	A brain tumor prediction system for detecting the tumor disease using mini batch K-Means clustering and CNN	Multimedia Tools and Applications					3.6	10.1007/s11042-024-18790-z

1959	Gupta S., Patel N., Kumar A., Jain N.K., Dass P., Hegde R., Rajaram A.	Intelligent resource optimization for scalable and energy-efficient heterogeneous IoT devices	Multimedia Tools and Applications					3.6	10.1007/s11042-024-18176-1
1960	Meena G., Mohbey K.K., Kumar S.	Monkeypox recognition and prediction from visuals using deep transfer learning-based neural networks	Multimedia Tools and Applications					3.6	10.1007/s11042-024-18437-z
1961	Ashok S., Jaffino G., Prabin Jose J., Murthy K.V.S.R.	Local directional gradient pattern histogram and optimization based deep residual network for age related macular degeneration detection	Multimedia Tools and Applications					3.6	10.1007/s11042-024-18549-6
1962	Magadum H., Azad H.K., Patel H., R R.H.	Music recommendation using dynamic feedback and content-based filtering	Multimedia Tools and Applications					3.6	10.1007/s11042-024-18636-8
1963	Naidu A., Garg V., Balakrishnan D., C.R V., Sundararajan V., Lulu S S.	Systems and Computational Screening identifies SRC and NKIRAS2 as Baseline Correlates of Risk (CoR) for Live Attenuated Oral Typhoid Vaccine (TY21a) associated Protection	Molecular Immunology	169		99	109	3.6	10.1016/j.molimm.2024.03.005
1964	Manoj Kumar S., Kulathu Iyer S.	D- π -A- π -D-Configured Imidazole-Tethered Benzothiadiazole-Based Sensor for the Ratiometric Discrimination of Picric Acid: Applications in Latent Fingerprint Imaging	Journal of Organic Chemistry	89	8	5392	5400	3.6	10.1021/acs.joc.3c02803

1965	T S S.M., Sreeja P.S.	Fake news detection on social media using Adaptive Optimization based Deep Learning Approach	Multimedia Tools and Applications					3.6	10.1007/s11042-024-19073-3
1966	Davamani K.A., Jawahar M., Anbarasi L.J., Ravi V., Al Mazroa A., Robin C.R.R.	Deep transfer learning technique to detect white blood cell classification in regular clinical practice using histopathological images	Multimedia Tools and Applications					3.6	10.1007/s11042-024-19133-8
1967	Padmapriya V.M., Thenmozhi K., Hemalatha M., Thanikaiselvan V., Lakshmi C., Chidambaram N., Rengarajan A.	Secured IIoT against trust deficit - A flexi cryptic approach	Multimedia Tools and Applications					3.6	10.1007/s11042-024-18962-x
1968	Vasanthi P., Madhu Viswanatham V.	Sentiment analysis of multi social media using machine and deep learning models: a review	Multimedia Tools and Applications					3.6	10.1007/s11042-024-18981-8
1969	Wanjari U.R., Gopalakrishnan A.V.	Blood-testis barrier: a review on regulators in maintaining cell junction integrity between Sertoli cells	Cell and Tissue Research	396	2	157	175	3.6	10.1007/s00441-024-03894-7
1970	P.V B., A J.	A brain magnetic resonance image compression technique using wavelet-based SPIHT algorithm and capsule autoencoder	Multimedia Tools and Applications					3.6	10.1007/s11042-024-19213-9

1971	G M., R.K N., M M., V S.	An enhanced framework for smart automated evaluations of answer scripts using NLP and deep learning methods	Multimedia Tools and Applications					3.6	10.1007/s11042-024-19182-z
1972	Pravin S.C., Rohith G., V K., Saranya J., Latha B., Vigneshwar K.R., Krishna S.V., Nambirajan H., Sumitra Y.	PixNet for early diagnosis of COVID-19 using CT images	Multimedia Tools and Applications					3.6	10.1007/s11042-024-19221-9
1973	Sheik S.A., Durai S.	Cryptography with optimal deep learning-based authentication scheme for preserving anonymity in telecare medical information system	Multimedia Tools and Applications					3.6	10.1007/s11042-024-19194-9
1974	Sivaraj C., Muthuvel K., Udayan A.T., Premkumar E., Gandhi T.	Facile Cleavage of Activated Ketones: An Access to Thioethers via In Situ Generation of Anhydrides by Pummerer-Type Rearrangement	Journal of Organic Chemistry	89	10	7020	7026	3.6	10.1021/acs.joc.4c00407
1975	AlNemer G., Hosny M., Udhayakumar R., Elshenhab A.M.	Well-Posedness and Hyers–Ulam Stability of Fractional Stochastic Delay Systems Governed by the Rosenblatt Process	Fractal and Fractional	8	6			3.6	10.3390/fractalfract8060342

1976	Gokul G., Almarri B., Sivasankar S., Velmurugan S., Udhayakumar R.	New Study on the Controllability of Non-Instantaneous Impulsive Hilfer Fractional Neutral Stochastic Evolution Equations with Non-Dense Domain	Fractal and Fractional	8	5			3.6	10.3390/fractalfract 8050265
1977	Das D., Sengupta S., Satapathy S.M., Saini D.	HOGWO: a fog inspired optimized load balancing approach using hybridized grey wolf algorithm	Cluster Computing					3.6	10.1007/s10586-024-04625-x
1978	Shanmugapriya R., Santhosh Kumar S.V.N.	SCIDP–Secure cloud-integrated data dissemination protocol for efficient reprogramming in internet of things	Cluster Computing					3.6	10.1007/s10586-024-04570-9
1979	Dhanushkodi K., Kumar R., Mittal P., Das S.S., Suryavenu N.N.S., Venkataramani K.	Enhancing resource utilization and privacy in IoT data placement through fuzzy logic and PSO optimization	Cluster Computing					3.6	10.1007/s10586-024-04542-z
1980	Rajasekar V.R., Rajkumar S.	DSAT-IDS: Dissimilarity and Adaptive Threshold-based Intrusion Detection system to mitigate selective forwarding attack in the RPL-based 6LoWPAN	Cluster Computing					3.6	10.1007/s10586-024-04564-7
1981	Masood M.D., Manjula, Sugumaran V.	Transcription Factor Binding Site Prediction Using CnNet Approach	IEEE/ACM Transactions on Computational Biology and Bioinformatics			1	11	3.6	10.1109/TCBB.2024.3411024

1982	Sakthi Balan G., Aravind Raj S.	Effect of additives on the performance of extruded polymer composites: A comprehensive review	Journal of Thermoplastic Composite Materials					3.6	10.1177/08927057241261314
1983	Jagathesan K., Roy S.	Recent Development of Transition Metal Complexes as Chemotherapeutic Hypoxia Activated Prodrug (HAP)	ChemMedChem					3.6	10.1002/cmdc.202400127
1984	Barathan V., Gnanasekar S., Rajamohan V.	Assessment of non-linear critical pressure of MWCNT reinforced hybrid sandwich semi-ellipsoidal dome under hydrostatic pressure: A numerical and experimental study	Mechanics of Advanced Materials and Structures					3.6	10.1080/15376494.2024.2373451
1985	Reddy A.A., Battula R.B., Gopalani D.	Performance analysis of ML models on 5G sub-6 GHz bands: An experimental study	Cluster Computing					3.6	10.1007/s10586-024-04677-z
1986	Panda S.K., Vijayakumar V., Agarwal R.P.	Complex-Valued Suprametric Spaces, Related Fixed Point Results, and Their Applications to Barnsley Fern Fractal Generation and Mixed Volterra–Fredholm Integral Equations	Fractal and Fractional	8	7			3.6	10.3390/fractalfract8070410

1987	Srilekha R., Parthiban V.	Controllability and Observability of Non-homogeneous Granular Descriptor Fractional Dynamical Systems Applied in Electrical Circuit	International Journal of Fuzzy Systems					3.6	10.1007/s40815-024-01769-1
1988	Sakthi Balan G., Aravind Raj S., Adithya R.N.	Extruded PLA-CF modeled after human DNA: Effects of thermal shock and structural design on tensile and flexural properties	Mechanics of Advanced Materials and Structures					3.6	10.1080/15376494.2024.2402941
1989	Alsager K.M., Murugusundaramoorthy G., Breaz D., El-Deeb S.M.	Subclasses of Bi-Univalent Functions Connected with Caputo-Type Fractional Derivatives Based upon Lucas Polynomial	Fractal and Fractional	8	8			3.6	10.3390/fractalfract8080452
1990	Swain S., Tripathy A.K.	Real-time lane detection for autonomous vehicles using YOLOV5 Segmentation Model	International Journal of Sustainable Engineering	17	1	1	11	3.6	10.1080/19397038.2024.2400965
1991	Breaz D.; Karthikeyan K.R.; Murugusundaramoorthy G.	Applications of Mittag–Leffler Functions on a Subclass of Meromorphic Functions Influenced by the Definition of a Non-Newtonian Derivative	Fractal and Fractional	8	9			3.6	10.3390/fractalfract8090509
1992	Alsager K.M.; Murugusundaramoorthy G.; Catas A.; El-Deeb S.M.	Applications of Caputo-Type Fractional Derivatives for Subclasses of Bi-Univalent Functions with Bounded Boundary Rotation	Fractal and Fractional	8	9			3.6	10.3390/fractalfract8090501

1993	Shukla A.; Panda S.K.; Vijayakumar V.; Kumar K.; Thilagavathi K.	Approximate Controllability of Hilfer Fractional Stochastic Evolution Inclusions of Order $1 < q < 2$	Fractal and Fractional	8	9			3.6	10.3390/fractalfract 8090499
1994	Das S.; Thansila P.N.; Maiti B.; Padmaja R.D.; Prathima T.S.; Balamurali M.M.; Chanda K.	Synthesis and Anticancer Evaluation of Disubstituted Benzimidazoles via One-Pot Telescopic Grinding Approach	ChemMedChem					3.6	10.1002/cmdc.2024 00365
1995	George J.; Sreekanth M.S.	An Experimental Investigation on Synthesis, Characterization, and Photothermal Conversion Efficiency of Stable Aqueous Nanofluids Containing Multiwalled Carbon Nanotubes for Direct Absorption Solar Collectors	Energy Technology					3.6	10.1002/ente.20240 0784
1996	Mishra R.D.; Dash S.K.; Chudjuarjeen S.; Mohanty S.; Gautam S.P.; Mohanty R.; Tanvir M.T.	Hybrid LSTM-GBRT based machine learning technique implementation for electric vehicle sales prediction analysis	International Journal of Sustainable Engineering	17	1	84	99	3.6	10.1080/19397038.2 024.2411284
1997	Chilakapati P.K.; Pulimi M.	Mixed toxic effects of aluminium oxide nanoparticles with hexavalent chromium, tetracycline, and humic acid towards marine crustacean Artemia salina	Environmental Pollutants and Bioavailability	36	1			3.6	10.1080/26395940.2 024.2407383

1998	Valarmathy A.S.; Prabhakar M.; Varesi K.	Non-isolated high gain DC-DC converter for PV-fed DC microgrid	International Journal of Sustainable Engineering	17	1	32	50	3.6	10.1080/19397038.2024.2420615
1999	Arvind R.; Santhi M.H.; Malathi G.	Seismic evaluation of plan irregular reinforced concrete building equipped with comb teeth metallic passive damper	Mechanics of Advanced Materials and Structures	0	0	0	0	3.6	10.1080/15376494.2024.2421474
2000	D'Costa C.R.; Prabhudesai R.; Naik S.P.; Prasad C.V.V.S.N.V.; Mishra M.	When bigger is not always better: exploring the size-dependent nature of the sustainability reporting-firm valuation relationship	International Journal of Productivity and Performance Management	0	0	0	0	3.6	10.1108/IJPPM-03-2024-0151
2001	Sreelekha U.; Basu U.; Paira P.	Current Context of Designing Phototheranostic Cyclometalated Iridium (III) Complexes to Open a New Avenue in Cancer Therapy	ChemMedChem	0	0	0	0	3.6	10.1002/cmdc.202400649
2002	Selvaraj P.; Vemuluri R.B.	Dynamic characteristics of laminated composite sandwich plates with graphene-reinforced magnetorheological elastomer	Mechanics of Advanced Materials and Structures	0	0	0	0	3.6	10.1080/15376494.2024.2437575
2003	Almaqtari F.A.; Rehman S.; Nigam S.; Khan M.	The Impact of Board Structure, IT Governance, and Fintech on Green Finance and Sustainability: An Integrated Model	Strategic Change	0	0	0	0	3.6	10.1002/jsc.2623
2004	Prasitha V., Bhuvaneshwari G.	Unveiling narratives: representation of same-sex love in bollywood films	Humanities and Social Sciences Communications	11	1			3.5	10.1057/s41599-023-02579-w

2005	Palani H., Rastogi A.	Effect of annealing temperature on structural and electrochemical behaviour on MgFe ₂ O ₄ as electrode material in neutral aqueous electrolyte for supercapacitors	Nanotechnology	35	17			3.5	10.1088/1361-6528/ad1e96
2006	Mahendravada S., Lahiri B.B., Khan F., Sathyanarayana A.T., Vizhi R.E., Moorthy A., Philip J.	A nudge over the relaxation plateau: effect of pH, particle concentration, and medium viscosity on the AC induction heating efficiency of biocompatible chitosan-coated Fe ₃ O ₄ nanoparticles	Nanotechnology	35	16			3.5	10.1088/1361-6528/ad1d79
2007	Ashok Kumar J., Muthuvel S., Issac Selvaraj R.V., Ramoni M., Shanmugam R., Pandian R.S.	Mechanical Property Comparison of Geopolymer Brick Dried by Electrical and Passive Solar Devices with Phase Change Material (Paraffin Wax)	Processes	12	1			3.5	10.3390/pr12010028
2008	Mahajan-Tatpate P., Dhume S., Jayakumar N., Chendake Y., Chavan S., Khomane R., Wadagaonkar V.	Separation of Cr and Mn by polysulfone (PSF) based ultrafiltration (UF) membranes anchored with nanoparticles-Mathematical analysis of rejection properties	Environmental Engineering Research	29	4			3.5	10.4491/eer.2023.543

2009	Abarna S.T., Ezhil Vizhi R.	Tuning the magnetic properties of hard-soft Ba _{0.5} Sr _{0.5} Fe ₁₀ Al ₂ O ₁₉ and Ni _{0.1} Co _{0.9} Fe ₂ O ₄ nanocomposites via one pot sol-gel auto combustion method for permanent magnet applications	Nanotechnology	35	20			3.5	10.1088/1361-6528/ad28d5
2010	Nabavi S.R., Ghahri S., Rangaiah G.P.	Data-Based Modeling, Multi-Objective Optimization and Multi-Criteria Decision Making of a Catalytic Ozonation Process for Degradation of a Colored Effluent	Processes	12	3			3.5	10.3390/pr12030515
2011	Chandy S., Kumar H., Pearl S., Basu S., M G., Sankar J., Manoharan A., Ramaiah S., Anbarasu A.	Whole genome analysis reveals unique traits of SARS-CoV-2 in pediatric patients	Gene	919				3.5	10.1016/j.gene.2024.148508
2012	Jebanesan D.Z.P., Illangeswaran R.S.S., Rajamani B.M., Vidhyadharan R.T., Das S., Bijukumar N.K., Balakrishnan B., Mathews V., Velayudhan S.R., Balasubramanian P.	Inhibition of NRF2 signaling overcomes acquired resistance to arsenic trioxide in FLT3-mutated Acute Myeloid Leukemia	Annals of Hematology					3.5	10.1007/s00277-024-05742-8

2013	Zubair Rahman A.M.J., Gupta M., Aarathi S., Mahesh T.R., Vinoth Kumar V., Yogesh Kumaran S., Guluwadi S.	Advanced AI-driven approach for enhanced brain tumor detection from MRI images utilizing EfficientNetB2 with equalization and homomorphic filtering	BMC Medical Informatics and Decision Making	24	1			3.5	10.1186/s12911-024-02519-x
2014	Madesh R., Kumar K.G.	Microstructural and Mechanical Properties of Nickel-Based Superalloy Fabricated by Pulsed-Mode Arc-Based Additive Manufacturing Technology	Metals and Materials International					3.5	10.1007/s12540-024-01674-0
2015	Varughese R., Mukherjee S.	Development-induced dispossession: Adivasi existence in the milieu of contemporary Indian texts in translation	Humanities and Social Sciences Communications	11	1			3.5	10.1057/s41599-024-03166-3
2016	Bhulakshmi D., Rajput D.S.	A systematic review on diabetic retinopathy detection and classification based on deep learning techniques using fundus images	PeerJ Computer Science	10				3.5	10.7717/PEERJ-CS.1947
2017	B P., P P.	Priority-based fault tolerance mechanism with neighbour candidate node discovery algorithm and task processing by replication and forwarding technique under Fog-IoT wireless computing environments	Simulation Modelling Practice and Theory	135				3.5	10.1016/j.simpat.2024.102980

2018	Punetha S., Vuppu S.	Floral waste as a potential feedstock for biopolymer production by a novel strain Enterococcus gallinarum VITSS05: characterization and in silico docking studies	Biomass Conversion and Biorefinery					3.5	10.1007/s13399-024-05747-3
2019	Bhuvaneshwari C., Ganesh Babu S.	Review of 2-D support-based nanocomposites for electrocatalytic detection of pharmaceutical drugs	Journal of Materials Science					3.5	10.1007/s10853-024-09900-1
2020	Esfanddarani H.M., Panigrahi M.	Phytosynthesis of transition (Ni, Fe, Co, Cr, and Mn) metals and their oxide nanoparticles for biomedical applications: a review	Journal of Materials Science					3.5	10.1007/s10853-024-09800-4
2021	Haroon K.H.B., UshaVipinachandran V., Bera S., Sithaiyan V., Bhunia S.K.	A graphitic carbon nitride-based efficient nanocomposite: low cost and stupefying photocatalyst for the degradation of tetracycline and As ³⁺ in wastewater	Environmental Science: Water Research and Technology					3.5	10.1039/d4ew00376d
2022	Sharma N., Vuppu S.	A sustainable approach for conversion of leather trimming wastes into non-edible gelatine and its physicochemical analysis, optimization, FTIR, XRD characterization, and statistical study	Biomass Conversion and Biorefinery					3.5	10.1007/s13399-024-05940-4

2023	Munusamy V., Senthilkumar S.	Emerging trends in gait recognition based on deep learning: a survey	PeerJ Computer Science	10				3.5	10.7717/peerj-cs.2158
2024	Ananthi U., Saral A.M.	Green and ecofriendly reduction of graphene oxide by amino acids obtained from M. cymbalaria and its qualitative and quantitative analysis by HPTLC technique	Biomass Conversion and Biorefinery					3.5	10.1007/s13399-024-05860-3
2025	Ponmanian M, Vishnuprasad S, Suriyakumar R, Gokulakrishnan S A, Ganeshmoorthy I, Sundaramahalingam M A	Optimization of process parameters in acoustic cavitation mediated extraction of pectin from Prosopis juliflora pod peel and its analytical characterization	Biomass Conversion and Biorefinery					3.5	10.1007/s13399-024-05969-5
2026	Chakraborty A., Panda J., Mishra A.K., Sivakumar S., Srinivasan L.V., Nongbet A., Mohanty S.S., Rustagi S., Nath P.C., Wagh M.S., Mohanta Y.K.	Jackfruit waste for the production of sustainable biorefinery products: a step towards bio-economic advancement	Biomass Conversion and Biorefinery					3.5	10.1007/s13399-024-05954-y
2027	Lakshminarayanan K., Ramu V., Shah R., Sunny M.S.H., Madathil D., Brahmi B., Wang I., Fareh R., Rahman M.H.	Developing a tablet-based brain-computer interface and robotic prototype for upper limb rehabilitation	PeerJ Computer Science	10				3.5	10.7717/PEERJ-CS.2174

2028	Dharmaraj K., Sanjay Kumar M., Palanisami N., Prakash M., Loganathan P., Shanmugan S.	Eco-friendly porous composite of octaphenyl polyhedral oligomeric silsesquioxane and HKUST-1 with hydrophobic-oleophilic properties towards sorption of oils and organic solvents	Dalton Transactions	53	32	13602	13616	3.5	10.1039/d4dt01397b
2029	Priyadharshini S., Jeyavani J., Al-Ghanim K.A., Govindarajan M., Karthikeyan S., Vaseeharan B.	Eco-toxicity assessment of polypropylene microplastics in juvenile zebrafish (Danio rerio)	Journal of Contaminant Hydrology	266				3.5	10.1016/j.jconhyd.2024.104415
2030	Jayanna V.B., Kulkarni V.M., Nanjappa K.K., Papanna S.C., Thippeshnaik G., Gowdru Chandrashekarappa M.P., Atamurotov F., Shaik S., Raja V., Alwetaishi M., Benti N.E.	Experimental investigation of quaternary blends of diesel/hybrid biodiesel/vegetable oil/heptanol as a potential feedstock on performance, combustion, and emission characteristics in a CI engine	Energy Science and Engineering					3.5	10.1002/ese3.1874
2031	Dhaundiyal A., Jamwal V., Mittal A., Pal K., C J.G., Tripathi R., Paul N., Rameshpathy M., Guimarães Junior M.	Harnessing pomegranate rind waste to develop novel bioactive packaging films using citric acid crosslinked polyvinyl alcohol (PVA)/starch-based polymer matrix	Biomass Conversion and Biorefinery					3.5	10.1007/s13399-024-06019-w

2032	Lavanya J., Sankar A.R., Sindhuja M., Arulmani S.	Recent advances in ovarian cancer diagnosis using 2D nanomaterials-based electrochemical biosensors: a review	Journal of Materials Science					3.5	10.1007/s10853-024-10125-5
2033	Singh A., Basha D.A., Hiroto T., Matsushita Y., Seenuvasaperumal P., Somekawa H., Tsuchiya K.	Deformation behavior of Mg-Zn-Y icosahedral quasicrystal phase in a magnesium matrix by high pressure torsion at room temperature	Journal of Materials Science					3.5	10.1007/s10853-024-10136-2
2034	Demewoz G.E., Tiruneh A.H., Wilson V.H., Jose S., Sundramurthy V.P.	Enhancing mechanical properties of polyvinyl alcohol films through cellulose nanocrystals derived from corncob	Biomass Conversion and Biorefinery					3.5	10.1007/s13399-024-06128-6
2035	T G L., K V.K., M B., Gopalan V., Hasan S.B.A., A B.K.	Ensuring the potential of Caryota urens fruit stem fibre as biodegradable reinforcement for polymer composite structural applications	Biomass Conversion and Biorefinery					3.5	10.1007/s13399-024-06111-1
2036	Das U., Basu U., Paira P.	Recent trends in the design and delivery strategies of ruthenium complexes for breast cancer therapy	Dalton Transactions	53	36	15113	15157	3.5	10.1039/d4dt01482k
2037	Arulmurugan S., Kumar S.T.R., Siden J., Alex Z.C.	Circular Polarized Dual-Band Wearable Screen-Printed MIMO Antenna Integrated With AMC for WBAN Communications	IEEE Open Journal of Antennas and Propagation					3.5	10.1109/OJAP.2024.3458968

2038	Natesan R., Krishnasamy P.	Fiber and matrix-level damage detection and assessments for natural fiber composites	Journal of Materials Science	59	36	16836	16861	3.5	10.1007/s10853-024-10191-9
2039	Vinayagam Y., Rajeswari V.D.	Genetic Adaptations and Mechanistic Insights Into Bacterial Bioremediation in Ecosystems	Journal of Basic Microbiology					3.5	10.1002/jobm.202400387
2040	Anand A.; Pramanick T.; Das A.	Application of a finite element method variant in nonconvex domains to parabolic problems	Finite Elements in Analysis and Design	242				3.5	10.1016/j.finel.2024.104265
2041	Mondal J.; Dasgupta T.; Panicker R.R.; Manickam V.; Sinha A.; Sivaramakrishna A.	Promoting Apoptosis in MCF-7 Cells via ROS Generation by Quinolino-triazoles Derived from One-Pot Telescopic Synthesis	ACS Medicinal Chemistry Letters					3.5	10.1021/acsmchemlett.4c00289
2042	Purushothaman D.; Pulimi M.; Mukerjee A.	Biosynthesis, characterization, optimization and toxicity studies: Simultaneously synthesized biogenic Pd/Fe bimetallic nanoparticle for the biodegradation of p-nitrophenol from aqueous solutions	Biomass Conversion and Biorefinery	0	0	0	0	3.5	10.1007/s13399-024-06273-y
2043	Iswareya Lakshmi V.; Kavitha M.	Cold-active lipase from Psychrobacter alimentarius ILMKVIT and its application in selective enrichment of ω -3 polyunsaturated fatty acids in flax seed oil	Bioprocess and Biosystems Engineering	0	0	0	0	3.5	10.1007/s00449-024-03121-1

2044	Nimeshika G.N.; Subitha D.	Enhancing Alzheimer's disease classification through split federated learning and GANs for imbalanced datasets	PeerJ Computer Science	10	0	1	24	3.5	10.7717/peerj-cs.2459
2045	Shafi S.M.; Chinnappan S.K.	Hybrid transformer-CNN and LSTM model for lung disease segmentation and classification	PeerJ Computer Science	10	0	1	57	3.5	10.7717/peerj-cs.2444
2046	Banumathy D.; Vetrisevi T.; Venkatachalam K.; Cho J.	Quantum-inspired seagull optimised deep belief network approach for cardiovascular disease prediction	PeerJ Computer Science	10	0	1	31	3.5	10.7717/peerj-cs.2498
2047	Charlotte M.R.; Viannie L.R.	Tailoring vanadium pentoxide nanoparticles for humidity sensing: impact of microwave annealing	Journal of Materials Science	59	48	22034	22052	3.5	10.1007/s10853-024-10485-y
2048	Bantupalli J.; Kachapilly A.J.; Roy S.; Pavithra L.K.	Unveiling the hidden depths: advancements in underwater image enhancement using deep learning and auto-encoders	PeerJ Computer Science	10	0	1	25	3.5	10.7717/peerj-cs.2392
2049	Kakku S.; Rathod W.; Chakinala A.G.; Joshi J.; Thota C.; Somasundaram M.; Sharma A.	Utilization of customized fixed bed system for bio-oil production from agricultural residue	Biomass Conversion and Biorefinery	0	0	0	0	3.5	10.1007/s13399-024-06421-4
2050	Mate N.; Satwani V.; Pranav; Mobin S.M.	Blazing Carbon Dots: Unfolding its Luminescence Mechanism to Photoinduced Biomedical Applications	Chemistry - An Asian Journal	0	0	0	0	3.5	10.1002/asia.202401098

2051	Torgal S.; Subramani G.; Manian R.	Comprehensive insights into chitosan hydrogels: from crosslinking and characterization to immunomodulation, microbiome interactions and biomedical uses	Biomass Conversion and Biorefinery	0	0	0	0	3.5	10.1007/s13399-024-06350-2
2052	Prabakar P.; Thampan D.; Karthika S.; Ravichandran M.K.; Subramanian A.; Nagarajan A.M.; Hussain R.; Sivagami K.	Emerging investigator series: a state-of-the-art review on large-scale desalination technologies and their brine management	Environmental Science: Water Research and Technology	0	0	0	0	3.5	10.1039/d4ew00662c
2053	Kaushik V.; Kataria R.	Non-conventional strategies for pretreatment of lignocellulosic biomass for production of value-added products: a sustainable and circular economy approach	Biomass Conversion and Biorefinery	0	0	0	0	3.5	10.1007/s13399-024-06388-2
2054	Jayasoorya R.; Kumar P.	Utilization of biodegradable carrier-based nano herbicide formulations for sustainable weed management in agriculture	Frontiers in Agronomy	6	0	0	0	3.5	10.3389/fagro.2024.1497041
2055	Lakshmanan A., Alex Z.C., Meher S.R.	N-type In (or Al) doped Cu ₂ O thin films by magnetron sputtering	European Physical Journal Plus	139	1			3.4	10.1140/epjp/s13360-023-04846-w
2056	Kannam S.L.P., Gadarapulla R., Sriadibhatla S., Nagulapalli R.	Design and Analysis of Si/GaSb HTFET-Based 7T SRAM Cell for Ultra-Low Voltage Applications	Silicon					3.4	10.1007/s12633-023-02834-4

2057	Shanbagh S., Gadde S.G., Shetty R., Heymans S., Abilash V.G., Chaurasia S.S., Ghosh A.	Hyperglycemia-induced miR182-5p drives glycolytic and angiogenic response in Proliferative Diabetic Retinopathy and RPE cells via depleting FoxO1	Experimental Eye Research	238				3.4	10.1016/j.exer.2023.109713
2058	Mukherjee A.G., Gopalakrishnan A.V.	Arsenic-induced prostate cancer: an enigma	Medical Oncology	41	2			3.4	10.1007/s12032-023-02266-5
2059	Bhat M., Ghosh K.	Performance analysis of carbon nanotube and graphene nanoribbon based biochemical sensors at atomic scale	Journal of Physics D: Applied Physics	57	19			3.4	10.1088/1361-6463/ad2565
2060	Jacob K., Clement J.	Topological entropy characterization of zeolite EDI and its application in predicting molecular interactions	European Physical Journal Plus	139	2			3.4	10.1140/epjp/s13360-024-04939-0
2061	Nallabala N.K.R., Kaleemulla S., Reddy M.R., El-marghany A., Ravi N., Sambasivam S., Sekhar M.C., Rosaiah P., Kushvaha S.S., Kalaivani V., Shankar M.V., Reddy V.R.M.	Highly Performing MSM Type Ag/n-titanium Dioxide Nanotubes/p-Si Heterojunction Based Ultraviolet-A Photodetectors	Silicon					3.4	10.1007/s12633-024-02877-1

2062	Lakshmi Priya G.G., Chandra Mouli P.V.S.S.R., Domnic S., Chemmalar Selvi G., Cho B.-K.	Hyperspectral image classification using Walsh Hadamard transform- based key band selection and deep convolutional neural networks	International Journal of Remote Sensing	45	4	1220	1249	3.4	10.1080/01431161.2 024.2307324
2063	Joshua R.J.N., Raj S.A., Hameed Sultan M.T., Łukaszewicz A., Józwick J., Oksiuta Z., Dziedzic K., Tofil A., Shahar F.S.	Powder Bed Fusion 3D Printing in Precision Manufacturing for Biomedical Applications: A Comprehensive Review	Materials	17	3			3.4	10.3390/ma1703076 9
2064	Saiteja P., Ashok B.	Experimental investigation of vibro-acoustic noise analysis in the switched reluctance motor through transient model-based multiphysics analysis for electric vehicles applications	Applied Acoustics	220				3.4	10.1016/j.apacoust. 2024.109957
2065	Ajithkumar M., Vajravelu K., Sucharitha G., Lakshminarayana P.	Investigation of a conducting Casson fluid flow through a porous flexible microfluidic channel with catalytic effects: application in pharmaceutical fluid processing	European Physical Journal Plus	139	3			3.4	10.1140/epjp/s1336 0-024-05058-6

2066	Kanimozhi N., Vijayaragavan R., Rushi Kumar B., Chamkha A.J.	Investigation of Hall current and thermal diffusion effects on unsteady MHD mixed convective Jeffrey fluid flow over an inclined permeable surface with chemical reaction	European Physical Journal Plus	139	3			3.4	10.1140/epjp/s13360-024-05077-3
2067	Singh S., Demidova E., Resnina N., Belyaev S., Iyamperumal P.A., Paul C.P., Prashanth K.G.	NiTi–Cu Bimetallic Structure Fabrication through Wire Arc Additive Manufacturing	Materials	17	5			3.4	10.3390/ma17051006
2068	Goenka V., Anupama Devi V.K., Manikandan C., Jaiswal A.K.	Development of guar gum reinforced calcium magnesium phosphate-based bone biocement	Journal of Biomedical Materials Research - Part B Applied Biomaterials	112	3			3.4	10.1002/jbm.b.35384
2069	White J.G., Samikannu R., Oladiran M.T., Yahya A., Makepe P., Gamariel G., Ladu N.S.D., Tlhabologo B.A., Kadarmydeen M.B., Gunasekaran K., Amuhaya L.	Techno-economic feasibility assessment and performance analysis of standalone solar photo voltaic-biomass hybrid system with optimized storage: a case study—Grand Bassa, Liberia	Frontiers in Energy Research	12				3.4	10.3389/fenrg.2024.1326558

2070	Bhattacharyya R., Sen Gupta B.	Kinetics of phase separation and aging dynamics of segregating fluid mixtures in the presence of quenched disorder	Soft Matter					3.4	10.1039/d4sm00204k
2071	Sahoo G.S., Ushodaya A., Mishra G.P.	Effect of Defects on the Switching Performance of Silicon-Gate All Around Dielectric Window Spaced-Multi-channel MOSFET	Silicon					3.4	10.1007/s12633-024-02924-x
2072	Job N., Thirumoorthy K.	Silicon Chemistry in the Interstellar Medium and Circumstellar Envelopes	ACS Earth and Space Chemistry	8	3	467	482	3.4	10.1021/acsearthspacchem.3c00284
2073	Baskar P., Periasamy P.	Minimum-Cost-Based Neighbour Node Discovery Scheme for Fault Tolerance under IoT-Fog Networks	Future Internet	16	4			3.4	10.3390/fi16040123
2074	Sasikala M., Umapathy M.J., AlSalhi M.S., Devanesan S., Rajasekar A., Arunkumar P., Narenkumar J.	Zinc oxide nanoparticles reinforced gelatin/starch bio-nanocomposite film for UV-ray protection and antimicrobial resistance	Polymers for Advanced Technologies	35	4			3.4	10.1002/pat.6388
2075	Seenuvasan K., Prasad V.R.	Heat transfer enhancement analysis of mixed convection Cu/CuO–water magneto-hybrid nanofluid flow in a square enclosure with hot and cold slits in non-Darcy porous medium	European Physical Journal Plus	139	4			3.4	10.1140/epjp/s13360-024-05113-2

2076	Rammohan A., Wang Y., Kannappan S S., Kumar P S., Ashok B., Kotb H., AboRas K.M., Yousef A.	Service life estimation of electric vehicle lithium-ion battery pack using arrhenius mathematical model	Frontiers in Energy Research	12				3.4	10.3389/fenrg.2024.1359596
2077	Praveena A., Sathishkumar K.	Power quality improvement using a 31-level multi-level inverter with bio-inspired optimization approach	Frontiers in Energy Research	12				3.4	10.3389/fenrg.2024.1264157
2078	Tamil Barathi P., Mohanapriya A.	Pre-eclampsia: Re-visiting pathophysiology, role of immune cells, biomarker identification and recent advances in its management	Journal of Reproductive Immunology	163				3.4	10.1016/j.jri.2024.104236
2079	Ji M., Thangaraj M., Devaraj S., Machnik R., Karkalos N.E., Karmiris-Obratański P.	Prediction and optimization kerf width in laser beam machining of titanium alloy using genetic algorithm tuned adaptive neuro-fuzzy inference system	International Journal of Advanced Manufacturing Technology					3.4	10.1007/s00170-024-13681-x
2080	Stany B., Mishra S., Rao K.V.B.	Pharmacokinetic studies, molecular docking, and molecular dynamics simulations of phytochemicals from Morus alba: a multi receptor approach for potential therapeutic agents in colorectal cancer	Medical Oncology	41	6			3.4	10.1007/s12032-024-02406-5
2081	Harini S., Gupta G., Roy S.C., Yalavarthi R.	TiO2 multi-leg nanotubes for surface-enhanced Raman scattering	Journal of Physics D: Applied Physics	57	32			3.4	10.1088/1361-6463/ad42a9

2082	Powojska A., Mystkowski A., Gundabattini E., Mystkowska J.	Spin-Coating Fabrication Method of PDMS/NdFeB Composites Using Chitosan/PCL Coating	Materials	17	9			3.4	10.3390/ma1709197 3
2083	Dinesh Kumar P.K., Darius Gnanaraj S.	Characterization of Al-Si Alloy Reinforced with B4C and TiO2 Nanoparticles	Silicon					3.4	10.1007/s12633-024- 03012-w
2084	Suruliandi A., Idhaya T., Raja S.P.	Drug Target Interaction Prediction Using Machine Learning Techniques – A Review	International Journal of Interactive Multimedia and Artificial Intelligence	8	6	86	100	3.4	10.9781/ijimai.2022. 11.002
2085	Kumaar M.A., Samiayya D., Rajnikanth V., Durai Raj Vincent P.M., Kadry S.	Brain Tumor Classification Using a Pre-Trained Auxiliary Classifying Style-Based Generative Adversarial Network	International Journal of Interactive Multimedia and Artificial Intelligence	8	6	101	111	3.4	10.9781/ijimai.2023. 02.008
2086	Moorthy R.S., Arikumar K.S., Prathiba S.B., Yenduri G., Mohanty S.N., Ramesh J.V.N.	Handling the Class Imbalance Problem with an Improved Sine Cosine Algorithm for Optimal Instance Selection	IEEE Access			1	1	3.4	10.1109/ACCESS.202 4.3417822
2087	Babu P., Asaithambi M., Suriyakumar S.M.	Automated 3D Tumor Segmentation from Breast DCE-MRI using Energy-Tuned Minimax Optimization	IEEE Access			1	1	3.4	10.1109/ACCESS.202 4.3417488
2088	Ravikumar A., Sriraman H., Chadha C., Chattu V.K.	Alleviation of Health Data Poverty for Skin Lesions using ACGAN: Systematic Review	IEEE Access			1	1	3.4	10.1109/ACCESS.202 4.3417176

2089	Kurapati H., Ramachandran S.	Enhancement of Convolutional Neural Network Hardware Accelerators Efficiency Using Sparsity Optimization Framework	IEEE Access				1	1	3.4	10.1109/ACCESS.2024.3416062
2090	Baskar N., Selvaprabhu P., Kumaravelu V.B., Chinnadurai S., Rajamani V., Vivek Menon U., Vinoth Kumar C.	A Survey on Resource Allocation and Energy Efficient Maximization for IRS-Aided MIMO Wireless Communication	IEEE Access				1	1	3.4	10.1109/ACCESS.2024.3415374
2091	Dipinkrishnan R., Kumaravelu V.B.	Enhancing Sum Spectral Efficiency and Fairness in NOMA Systems: A Comparative Study of Metaheuristic Algorithms for Power Allocation	IEEE Access				1	1	3.4	10.1109/ACCESS.2024.3415813
2092	Nair S.S., Subaji M.	Automated identification of breast cancer type using novel multipath transfer learning and ensemble of classifier	IEEE Access				1	1	3.4	10.1109/ACCESS.2024.3415482
2093	Karthikeyan P., Brindha K.	Opti-FOG: Optimizing Resource Allocation with Anti-Inspired FOG Node Selection	IEEE Access				1	1	3.4	10.1109/ACCESS.2024.3415418
2094	Praveen Kumar B., Kommuri U.K.	Review on 5G small cell base station antennas: Design challenges and technologies	IEEE Access				1	1	3.4	10.1109/ACCESS.2024.3415640

2095	Moharana M., Dwivedy B.	Circularly Polarized Planar Antennas with Enhanced Characteristics for Contemporary Wireless Communication Use Cases: A Review	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3415483
2096	Venkata Nagarjun A., Rajkumar S.	Design of An Anomaly Detection Framework For Delay & Privacy-Aware Blockchain-Based Cloud Deployments	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3414998
2097	Chethan M., Ravi K.	Virtual Inertia Support for Renewable Energy Integration: A Review	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3416694
2098	Ayeswarya S., John Singh K.	A comprehensive review on secure biometric-based continuous authentication and user profiling	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3411783
2099	Ravindran U., Gunavathi C.	Cancer Disease Prediction Using Integrated Smart Data Augmentation and Capsule Neural Network	IEEE Access	12		81813	81826	3.4	10.1109/ACCESS.2024.3411633
2100	Mahapatra D.K., Frery A.C., Pradhan B.B., Roy L.P.	A Review on Parametric and Semiparametric Distributions in Characterizing Synthetic Aperture Radar Clutter Data	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3412733
2101	Chennareddy S., Saha S., Das A., Kayal T.	PM2.5 Concentration Forecasting in the Kolkata Region With Spatiotemporal Sliding Window Approaches	IEEE Access	12		82333	82353	3.4	10.1109/ACCESS.2024.3411777

2102	Aruna Kumari N., Karumuri S.R., Ajayan J., Vijayvargiya V., Upadhyay A.K., Uma M., Sai Kumar A.	Design and Analysis of dual-k spacer CombFET for Digital and Synaptic Applications	IEEE Access			1	1	3.4	10.1109/ACCESS.202 4.3414611
2103	Balasundaram A., Shaik A., Alroy B.R., Singh A., Shivaprakash S.	Genetic Algorithm Optimized Stacking Approach to Skin Disease Detection	IEEE Access			1	1	3.4	10.1109/ACCESS.202 4.3412791
2104	Vijayaraj A.R., Pasupathi S.	Nature Inspired Optimization in Context-Aware based Coronary Artery Disease Prediction: A Novel Hybrid Harris Hawks Approach	IEEE Access			1	1	3.4	10.1109/ACCESS.202 4.3414662
2105	Vijay Anand R., Magesh G., Alagiri I., Guru Brahmam M., Balusamy B., Benedetto F.	Quantum Channel Optimization: Integrating Quantum-Inspired Machine Learning With Genetic Adaptive Strategies	IEEE Access	12		80397	80417	3.4	10.1109/ACCESS.202 4.3410147
2106	Divya J., Selvendran S., Itapu S., Borra V.	A Novel Dual-Channel SPR- based PCF Biosensor for Simultaneous Tuberculosis and Urinary Tract Infection Diagnosis towards SDG3	IEEE Access			1	1	3.4	10.1109/ACCESS.202 4.3410698
2107	Khan M.J., Chauhan R.C.S., Singh I., Fatima Z., Singh G.	Mobility Management in Heterogeneous Network of Vehicular Communication with 5G: Current Status and Future Perspectives	IEEE Access			1	1	3.4	10.1109/ACCESS.202 4.3409832

2108	Alhazmi S., Rahmani M.K.I., Arif M., Nafis M.T.	Developing Intelligent and Immutable Vaccine Supply and Operation Platform Using Blockchain and Artificial Intelligence Technologies	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3407711
2109	Rout S., Das S.	A Noise Covariance Regulated Robust Modified Adaptive Extended Kalman Filter for State of Charge Estimation of Lithium-Ion Battery	IEEE Access	12		78434	78448	3.4	10.1109/ACCESS.2024.3408340
2110	Gokulakrishnan E., Malathi G.	Deep Learning Based Hand Wrist Crease Object Detection Models: An In-depth Analysis	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3409087
2111	Rao M.R., Sundar S.	Enhancement in Optimal Resource-Based Data Transmission Over LPWAN Using a Deep Adaptive Reinforcement Learning Model Aided by Novel Remora With Lotus Effect Optimization Algorithm	IEEE Access	12		76515	76531	3.4	10.1109/ACCESS.2024.3406749
2112	Mohanty S.B., Mohanty S.	Modified Asymmetrical H-Bridge MLI With Minimum Switching Loss and Harmonic Distortion Using JAYA Algorithm	IEEE Access	12		78854	78864	3.4	10.1109/ACCESS.2024.3406781

2113	Gokul Krishnan S., Suresh Kumar P., Nassar Matara N., Wang Y.	Real-Time Experimental Evaluation and Analysis of PID and MPC Controllers Using HIL Setup for Robust Steering System of Autonomous Vehicles	IEEE Access	12		74711	74723	3.4	10.1109/ACCESS.202 4.3406219
2114	Sannasi Chakravarthy S.R., Bharanidharan N., Vinoth Kumar V., Mahesh T.R., Khan S.B., Almusharraf A., Albalawi E.	Intelligent Recognition of Multimodal Human Activities for Personal Healthcare	IEEE Access	12		79776	79786	3.4	10.1109/ACCESS.202 4.3405471
2115	Dhanushkodi K., Bala A., Kodipyaka N., Shreyas V.	Customer Behaviour Analysis and Predictive Modelling in Supermarket Retail: A Comprehensive Data Mining Approach	IEEE Access			1	1	3.4	10.1109/ACCESS.202 4.3407151
2116	Cu O.K., Srinivasan S., Pathak V.	Effective Side Effect Prediction by Modelling Drug- Drug Interaction using Two Input Graph Neural Networks with Self Supervised Pretraining and Ensemble Methods	IEEE Access			1	1	3.4	10.1109/ACCESS.202 4.3407877
2117	Reddy K.V., Reddy B.S.K., Goutham V., Mahesh M., Nisha J.S., Palanisamy G., Golla M., Purushothaman S., Reddy K.R., Ramkumar V.	Edge AI in Sustainable Farming: Deep Learning- Driven IoT Framework to Safeguard Crops From Wildlife Threats	IEEE Access	12		77707	77723	3.4	10.1109/ACCESS.202 4.3406585

2118	Boopathi R., Indragandhi V.	Experimental Investigations on Photovoltaic Interface Neutral Point Clamped Multilevel Inverter-Based Shunt Active Power Filter to Enhance Grid Power Quality	IEEE Access	12		74482	74498	3.4	10.1109/ACCESS.2024.3405533
2119	Rajasekar D., Theja G., Prusty M.R., Chinara S.	Efficient colorectal polyp segmentation using wavelet transformation and AdaptUNet: A hybrid U-Net	Heliyon	10	13			3.4	10.1016/j.heliyon.2024.e33655
2120	Dinesh Babu M., Bijay Prasad K., Tara Prasad U.	Impact of ambidextrous leadership on innovative work behaviour and employee performance in the IT sector	Heliyon	10	13			3.4	10.1016/j.heliyon.2024.e33124
2121	R.G. S., Anand K K., B S., Kumar A V.	Cardiac arrhythmia detection using artificial neural network	Heliyon	10	12			3.4	10.1016/j.heliyon.2024.e33089
2122	Kokila A., Deepa G.	Improved fuzzy multi- objective transportation problem with Triangular fuzzy numbers	Heliyon	10	12			3.4	10.1016/j.heliyon.2024.e32895
2123	Fathima S.F., L P., Yuvaraj P.	An advanced graph algorithm- based protection strategy for detecting kilometric and cross- country faults in DC microgrid	Heliyon	10	12			3.4	10.1016/j.heliyon.2024.e32845

2124	N S., Palanisamy S., Khalaf O.I., Natarajan R., Algburi S., Hamam H.	Experimental investigation of a dual mode antenna using characteristic mode analysis with enhanced directivity for GSM/5G applications	Heliyon	10	11			3.4	10.1016/j.heliyon.2024.e32217
2125	Mahendrarajan V., Lazarus H., Easwaran N.	Quorum quenching mediated biofilm impediment in Chromobacterium violaceum and Staphylococcus aureus by leaf extracts of Delonix elata	Heliyon	10	11			3.4	10.1016/j.heliyon.2024.e31898
2126	Navis V.V., Greeni A.B.	Routing and wavelength assignment for folded hypercube in linear array WDM optical networks	Journal of Parallel and Distributed Computing	192				3.4	10.1016/j.jpdc.2024.104924
2127	Ravikumar K., Dangate M.S.	Advancements in stretchable organic optoelectronic devices and flexible transparent conducting electrodes: Current progress and future prospects	Heliyon	10	13			3.4	10.1016/j.heliyon.2024.e33002
2128	Sangeetha E., Ramachandran V.P.	An enhanced proportional resonance controller design for the PMSM based electric vehicle drive system	Heliyon	10	15			3.4	10.1016/j.heliyon.2024.e35244

2129	Ramadevi P., Das R.	An Extensive Analysis of Machine Learning Techniques With Hyper-Parameter Tuning by Bayesian Optimized SVM Kernel for the Detection of Human Lung Disease	IEEE Access	12		97752	97770	3.4	10.1109/ACCESS.2024.3422449
2130	N B G., G K R.	An investigation on the recurrent function of the Pythagorean fuzzy cellular topological dynamical system	Heliyon	10	13			3.4	10.1016/j.heliyon.2024.e33878
2131	Supriya Y., Chengoden R.	Breast cancer prediction using Shapely and Game theory in Federated Learning environment	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3424934
2132	Tera S.P., Chinthaginjala R., Natha P., Pau G., Dhanamjayulu C., Mohammad F.	CNN-Based Approach for Enhancing 5G LDPC Code Decoding Performance	IEEE Access	12		89873	89886	3.4	10.1109/ACCESS.2024.3420106
2133	Uma K., Vijaya K.	Coefficient bounds for starlike functions involving q - Hurwitz-Lerch Zeta operator in conic region	Heliyon	10	13			3.4	10.1016/j.heliyon.2024.e33403
2134	Rajesh K., Ravi L., Rao N.M., Ramaswamy V., SenthilKumar J., Kannan K., Shorfuzzaman M., Yousef A., Elkholy M.E.R., Sasikumar A.	Czekanowsky Hypergraph-based Deep Learning Classifier for Precision Cyclone Forecasting	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3433425

2135	Thanga Prasath S., Navaneethan C.	Deep Learning Framework for Colorectal Cancer Classification Using ResNet18 Based on Dietary Habits Related to Meat Intake and Cooking Methods	IEEE Access	12		99453	99468	3.4	10.1109/ACCESS.2024.3430036
2136	Chaki J., Ghosh D.	Deep Learning in Leaf Disease Detection (2014-2024): A Visualization-Based Bibliometric Analysis	IEEE Access	12		95291	95308	3.4	10.1109/ACCESS.2024.3425897
2137	Rajesh G., Poonkuzhali R.	Design and Analysis of CPW Fed Ultrathin Flexible MIMO Antenna for UWB and X-Band Applications	IEEE Access	12		96704	96717	3.4	10.1109/ACCESS.2024.3426592
2138	Das S.K., Swain S.C., Dash R., K J.R., C D., Chinthaginjala R., Jena R., Kotb H., ELrashidi A.	Design and analysis of UPQC in a microgrid using model reference adaptive control ensemble with back-stepping controller	Heliyon	10	14			3.4	10.1016/j.heliyon.2024.e34140
2139	Shyamala K., Navamani T.M.	Design of an Efficient Prediction Model for Early Parkinson's Disease Diagnosis	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3421302
2140	Pragati A., Mishra M., Bhowmik P., Guerrero J.M., Gadanayak D.A.	Enhanced Fault Localization in Multi-Terminal HVDC Systems Using Improved Gaussian Process Regression	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3431610

2141	Abinaya S., Deepak M., Sherly Alphonse A.	Enhanced Image Captioning Using Bahdanau Attention Mechanism and Heuristic Beam Search Algorithm	IEEE Access	12		100991	1E+05	3.4	10.1109/ACCESS.2024.3431091
2142	Paramanandham N., Sundhar S., Priya P.	Enhancing Disease Detection with Weight Initialization and Residual Connections Using LeafNet for Groundnut Leaf Diseases	IEEE Access	12		91511	91526	3.4	10.1109/ACCESS.2024.3422311
2143	Vinoth Kumar C., Selvaprabhu P., Baska N., Vivek Menon U., Babu Kumaravelu V., Chinnadurai S., Ali F.	Ethereum Blockchain Framework Enabling Banks to Know Their Customers	IEEE Access	12		101356	1E+05	3.4	10.1109/ACCESS.2024.3427805
2144	J K., MC S.	Exploring non-Markovian dynamics: Stochastic analysis of a single-server retrial queue with recurrent clients and balking behavior under extended Bernoulli vacations	Heliyon	10	13			3.4	10.1016/j.heliyon.2024.e33919
2145	Vision Paul V., Masood J.A.I.S.	Exploring Predictive Methods for Cardiovascular Disease: A Survey of Methods and Applications	IEEE Access	12		101497	1E+05	3.4	10.1109/ACCESS.2024.3430898
2146	Jalapathy P., Mubashir Unnissa M.	Extended Warranty and Retailing Strategies in CLSC Competition with (Re)manufacturing Manufacturer	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3430388

2147	Kumar Pandey A., Sekhar Roy S.	Extractive Question Answering Over Ancient Scriptures Texts Using Generative AI and Natural Language Processing Techniques	IEEE Access	12		101197	1E+05	3.4	10.1109/ACCESS.2024.3431282
2148	Mari B., Jeyaraj R.S.	Further results on the radio number for some construction of the path, complete, and complete bipartite graphs	Heliyon	10	14			3.4	10.1016/j.heliyon.2024.e34434
2149	Priyadarshani M., Kumar P., Babulal K.S., Rajput D.S., Patel H.	Human Brain Waves Study using EEG and Deep Learning for Emotion Recognition	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3427822
2150	Srivatsan K., Venkatesan N.	Improved meta-heuristic technique to FIR filter design and application	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3431444
2151	Sundararajan K., Srinivasan K., Kaliappan J.	Improving Meteorological Drought Prediction in Tamil Nadu Through Weighted Dataset Construction and Multi-Objective Optimization	IEEE Access	12		96878	96892	3.4	10.1109/ACCESS.2024.3426614
2152	N K., V K.	Integrating Electroencephalography with Motophysic training: Assessing the shift in fitness and cognitive functions in elite youth soccer players	Heliyon	10	14			3.4	10.1016/j.heliyon.2024.e34342

2153	Om Kumar C.U., Gowtham N., Zakariah M., Almazyad A.	Multimodal Emotion Recognition Using Feature Fusion: An LLM-based Approach	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3425953
2154	Swetha R.G., Arakal B.S., Rajendran S., Sekar K., Whitworth D.E., Ramaiah S., James P.E., Livingstone P.G., Anbarasu A.	MyxoPortal: a database of myxobacterial genomic features	Database	2024				3.4	10.1093/database/baae056
2155	Patel A., Gnana Swathika O.V.	Off-Grid Small-Scale Power Forecasting Using Optimized Machine Learning Algorithms	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3430385
2156	Kanimozhi S., Sasithradevi A., Sairamesh L.	Ontology-Based Action Recognition in Sport Video's Using Semantic Verification Model	IEEE Access	12		96783	96796	3.4	10.1109/ACCESS.2024.3427858
2157	Jalapathy P., Mubashir Unnissa M.	Optimizing Sustainability and Profitability: A Two-Phase Extended Warranty Framework for Reman and New Products in Monopolistic OEMs	IEEE Access	12		98141	98174	3.4	10.1109/ACCESS.2024.3425501
2158	Smyrna C. A., Nathiya N.	Parabolic Schrödinger networks	Heliyon	10	15			3.4	10.1016/j.heliyon.2024.e35056
2159	Yellala A., Kumar V.	Repeat pass imaging-based velocity estimation of Siachen glacier in J&K Himalaya using Sentinel-2 and Landsat-8 data: A comparison with SAR observations	Heliyon	10	13			3.4	10.1016/j.heliyon.2024.e33666

2160	Mathew A.A., Shanmugasundaram V.	Single-Electrode Triboelectric Nanogenerator Device Framework for Wrist Pulse Signal (Nadi) Analysis and Disease Detection	IEEE Access	12		93531	93545	3.4	10.1109/ACCESS.2024.3423401
2161	Uma L., Rajasekaran G.	The local vertex anti-magic coloring for certain graph operations	Heliyon	10	13			3.4	10.1016/j.heliyon.2024.e33400
2162	Shetgaonkar S.E., Aggarwal H., Shoji T., Dohi T., Singh F.V.	Triflic acid-promoted Friedel–Crafts-type carbocyclization of alkenylated biphenyl derivatives: Synthesis and photophysical studies of novel 9,10-dihydrophenanthrenes	Heliyon	10	15			3.4	10.1016/j.heliyon.2024.e35064
2163	Kotei E., Thirunavukarasu R.	Tuberculosis Detection From Chest X-Ray Image Modalities Based on Transformer and Convolutional Neural Network	IEEE Access	12		97417	97427	3.4	10.1109/ACCESS.2024.3428446
2164	Subramanian N., Albert Alexander S.	A Comprehensive Review on Selective Harmonic Elimination Techniques and its Permissible Standards in Electrical Systems	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3436079
2165	Masood J.A.I.S., Kalyan Chakravarthy N.S., Asirvatham D., Marjani M., Abdulkareem Shafiq D., Nidamanuri S.	A Hybrid Deep Learning Model to Predict High-Risk Students in Virtual Learning Environments	IEEE Access	12		103687	1E+05	3.4	10.1109/ACCESS.2024.3434644

2166	Saravag P.K., Rushi Kumar B.	A Hybrid Machine Learning and Regression Approach for Validating a Multi-Dimensional Crime Index in the Context of Crime against Women	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3439721
2167	S A., G H.G.	A new bi-level TOPSIS based neutrosophic programming technique for land allocation to medium farm holders	Heliyon	10	16			3.4	10.1016/j.heliyon.2024.e36166
2168	Surendran H., Akhas P.K.	A study on the bond strength and durability characteristics of high-performance concrete modified with toughened glass waste aggregates	Heliyon	10	16			3.4	10.1016/j.heliyon.2024.e35884
2169	Kavya Y., Sofana Reka S.	Abnormal Gait Classification in Children with Cerebral Palsy using ConvLSTM Hybrid Model and GAN	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3439889
2170	Shivam Kumar Jha S., Mohana N.	An Integrated Method Using Linear Homotopy Parametric Value for Enhancing Image Edge Detection	IEEE Access	12		107113	1E+05	3.4	10.1109/ACCESS.2024.3436661
2171	Sheela R.M., Dhanasekar S.	Analyzing risk factors of tuberculosis using type-2 interval-valued trapezoidal fuzzy numbers with Einstein aggregation operators extended to MCDM	Heliyon	10	16			3.4	10.1016/j.heliyon.2024.e35997

2172	Vanitha K., Manimaran A., Chokkanathan K., Anitha K., Mahesh T.R., Vinoth Kumar V., Vivekananda G.N.	Attention-based Feature Fusion with External Attention Transformers for Breast Cancer Histopathology Analysis	IEEE Access			1	1	3.4	10.1109/ACCESS.202 4.3443126
2173	Preetha R., Priyadarsini M.J.P., Nisha J.S.	Automated Brain Tumor Detection From Magnetic Resonance Images Using Fine- Tuned EfficientNet-B4 Convolutional Neural Network	IEEE Access	12		112181	1E+05	3.4	10.1109/ACCESS.202 4.3442979
2174	Kanagavel M., Thanikaiselvan V.	Balancing of Attenuation Disparity to Restore the Weak Color Channels in Underwater Images	IEEE Access	12		107059	1E+05	3.4	10.1109/ACCESS.202 4.3435569
2175	M A., De P.	Comparative study of hybrid, tri-hybrid and tetra-hybrid nanoparticles in MHD unsteady flow with chemical reaction, activation energy, Soret-Dufour effect and sensitivity analysis over Non- Darcy porous stretching cylinder	Heliyon	10	15			3.4	10.1016/j.heliyon.20 24.e35731
2176	Sowjanya U.L., Krithiga R.	Decoding Student Emotions: An Advanced CNN Approach for Behavior Analysis Application Using Uniform Local Binary Pattern	IEEE Access	12		106273	1E+05	3.4	10.1109/ACCESS.202 4.3436531

2177	Nasheeda V.P., Rajangam V.	Deep Attention V-Net Architecture for Enhanced Multiple Sclerosis Segmentation	IEEE Access	12		110550	1E+05	3.4	10.1109/ACCESS.202 4.3440318
2178	Pusparani Y., Lin C.-Y., Jan Y.-K., Lin F.-Y., Liao B.-Y., Ardhiyanto P., Furqon E.N., Alex J.S.R., Aparajeeta J., Lung C.-W.	Deep Learning Applications in MRI-Based Detection of the Hippocampal Region for Alzheimer's Diagnosis	IEEE Access	12		103830	1E+05	3.4	10.1109/ACCESS.202 4.3426085
2179	Harini R., Indhira K.	Dynamical behaviour and meta heuristic optimization of a hospital management software system	Heliyon	10	16			3.4	10.1016/j.heliyon.20 24.e35937
2180	Jayachandran J., Vimala Devi K.	EER-CGHHOA: A Hybrid Genetic Algorithm Driven Dynamic Clustering for Energy Efficient Routing in Border Surveillance WSNs	IEEE Access	12		108185	1E+05	3.4	10.1109/ACCESS.202 4.3438191
2181	Arun V., Stonier A.A., Peter G., Ganji V.	Enhanced Switched Capacitor Nine-Level Inverter (ESC9LI) Featuring Boost Capability and Streamlined Component Configuration	IEEE Access	12		109513	1E+05	3.4	10.1109/ACCESS.202 4.3439601
2182	Reka S.S., Karthikeyan H.L., Shakil A.J., Venugopal P., Muniraj M.	Exploring Quantum Machine Learning for Enhanced Skin Lesion Classification: A Comparative Study of Implementation Methods	IEEE Access	12		104568	1E+05	3.4	10.1109/ACCESS.202 4.3434681

2183	Dutta D., Tumukunta S.P., Sivaraaj N.R., Abdul Majeed K.K.	Exploring the Landscape of Phase-Locked Loop Architectures: A Comprehensive Review	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3446393
2184	Ramadevi P., Das R.	Face detection based on K-medoids clustering and associated with convolutional neural networks	Heliyon	10	16			3.4	10.1016/j.heliyon.2024.e35928
2185	Sharmila V., Geetha S.	Gastro Intestinal Disease Classification Using Hierarchical Spatio Pyramid TranfoNet with PitTree Fusion and Efficient-CondConv SwishNet	IEEE Access	12		113972	1E+05	3.4	10.1109/ACCESS.2024.3438799
2186	V K., S S., Sendil M., Nagarajan K., Punetha D.	Hybrid ensemble - deep transfer model for early cassava leaf disease classification	Heliyon	10	16			3.4	10.1016/j.heliyon.2024.e36097
2187	Agarwal G., Jindal K., Chowdhury A., Singh V.K., Pal A.	Image and Video Captioning for Apparels Using Deep Learning	IEEE Access	12		113138	1E+05	3.4	10.1109/ACCESS.2024.3443422
2188	Vijaya Lakshmi K., Manimozhi M.	Implementation of DDPG based Reinforcement Learning Control for Self-balancing Motorcycle	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3447054
2189	Avinash D.H., Rammohan A.	Integrating Level Shift Anomaly Detection for Fault Diagnosis of Battery Management System for Lithium-ion batteries	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3445955

2190	Dhinu Lal M., Varadarajan R.	Intelligent Fault Detection, Compensation and Power Management in Microgrids: A Synchrophasor-Enhanced Approach Using Fuzzy Logic Controllers and RTDS	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3437780
2191	Gupta G., Sudeep R., Ashok B., Vignesh R., Kannan C., Kavitha C., Alroobaea R., Alsafyani M., Aboras K.M., Emara A.	Intelligent Regenerative Braking Control With Novel Friction Coefficient Estimation Strategy for Improving the Performance Characteristics of Hybrid Electric Vehicle	IEEE Access	12		110361	1E+05	3.4	10.1109/ACCESS.2024.3440210
2192	Manikandan R., Raja Singh R.	IoT based IGBT Power Module Health Monitoring System with RUL Estimation for Electric Drive Applications	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3443138
2193	Liu C., Arulappan A., Naha R., Mahanti A., Kamruzzaman J., Ra I.	Large Language Models and Sentiment Analysis in Financial Markets: A Review, Datasets and Case Study	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3445413
2194	Jeevakumari S.A.A., Dey K.	LipSyncNet: A Novel Deep Learning Approach for Visual Speech Recognition in Audio-Challenged Situations	IEEE Access	12		110891	1E+05	3.4	10.1109/ACCESS.2024.3436931
2195	Deepti Raj G., Prabadevi B.	MoL-YOLOv7: Streamlining Industrial Defect Detection with an Optimized YOLOv7 Approach	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3447035

2196	R R., S P., A S K.D., J.B J.	Non-invasive hemoglobin measurement using optical method	Heliyon	10	15			3.4	10.1016/j.heliyon.2024.e35777
2197	Soni Ishwarya V., Kothandaraman M.	Novel TransQT Neural Network: A deep learning framework for acoustic echo cancellation in noisy double-talk scenario	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3445279
2198	G N., J K.	Performance comparison between PID and Fuzzy logic controllers for the hardware implementation of traditional high voltage DC-DC boost converter	Heliyon	10	17			3.4	10.1016/j.heliyon.2024.e36750
2199	R M., M D B.K., N B.M., S N., N A., M M., K G.K.	Pulsed directed energy deposition-arc technology for depositing stainless steel 309L: Microstructural, elements distribution, and mechanical characteristics	Heliyon	10	15			3.4	10.1016/j.heliyon.2024.e35279
2200	Karthick Raghunath K.M., Rohith Bhat C., Vinoth Kumar V., Velmurugan A.K., Mahesh T.R., Manikandan K., Krishnamoorthy N.	Redefining Urban Traffic Dynamics with TCN-FL Driven Traffic Prediction and Control Strategies	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3443298
2201	Neethu M.S., Bhuvaneshwari R.	Resonating eco-legacies: unravelling colonial tapestries in Amitav Ghosh's The Great Derangement and The Nutmeg's Curse	Regional Environmental Change	24	3			3.4	10.1007/s10113-024-02298-1

2202	Bharathi Murthy C.V.N.U., Lawanya Shri M.	Secure Sharing Architecture of Personal Healthcare Data Using Private Permissioned Blockchain for Telemedicine	IEEE Access	12		106645	1E+05	3.4	10.1109/ACCESS.202 4.3436075
2203	Ramachandra N., Natarajan R.	State-of-the-art and real-time implementation of an IoT- based home energy management system for a cluster of dwellings	Heliyon	10	16			3.4	10.1016/j.heliyon.20 24.e35887
2204	Charan K.S., Krishna O.V., Sai P.V., Ilavarasi A.K.	Transfer Learning Based Multi- Class Lung Disease Prediction Using Textural Features Derived From Fusion Data	IEEE Access	12		108248	1E+05	3.4	10.1109/ACCESS.202 4.3435680
2205	Sujaykumar Reddy M., Karnati H., Mohana Sundari L.	Transformer-Based Federated Learning Models for Recommendation Systems	IEEE Access	12		109596	1E+05	3.4	10.1109/ACCESS.202 4.3439668
2206	Keerthiga M., Bala Anki Reddy P.	Unsteady MHD Flow of Casson Hybrid Nanofluid over an Infinite Vertical Flat Plate: Crank-Nicholson Scheme and Statistical Approach	IEEE Access	12		106161	1E+05	3.4	10.1109/ACCESS.202 4.3436565
2207	Abishek M., Amutha Prabha N., Kumar Goyal J.	Voltage Regulation of Auxiliary Power Units for Electric Vehicle Applications Using Fuzzy Logic Controller	IEEE Access	12		107583	1E+05	3.4	10.1109/ACCESS.202 4.3439106

2208	Mohanaraman S.P., Chidambaram R.	A holistic review on red fluorescent graphene quantum dots, its synthesis, unique properties with emphasis on biomedical applications	Heliyon	10	16			3.4	10.1016/j.heliyon.2024.e35760
2209	Reka S.S., Dragicevic T., Venugopal P., Ravi V., Rajagopal M.K.	Big data analytics and artificial intelligence aspects for privacy and security concerns for demand response modelling in smart grid: A futuristic approach	Heliyon	10	15			3.4	10.1016/j.heliyon.2024.e35683
2210	Khan T., Sebaey T.A., Karthikeyan N., Naveen J., Anand S.P., Sebaey T.A.	Coconut (Cocos nucifera) sheath-based polymeric composites - A review	Heliyon	10	15			3.4	10.1016/j.heliyon.2024.e35644
2211	Swathika O.V.G., Karthikeyan A., Rout K., Hatkar S.	Cybersecurity Deployment in Smart Grids: Critical Review, Applications, Protection, and Challenges	IEEE Access	12		113618	1E+05	3.4	10.1109/ACCESS.2024.3443312
2212	Suvvala J., K S.K., Dhananjayulu C., Kotb H., Elrashidi A.	Integration of renewable energy sources using multiport converters for ultra-fast charging stations for electric vehicles: An overview	Heliyon	10	15			3.4	10.1016/j.heliyon.2024.e35782

2213	Ramaswamy M., Philip J.L., Priya V., Priyadarshini S., Ramasamy M., Jeevitha G.C., Mathkor D.M., Haque S., Dabaghzadeh F., Bhattacharya P., Ahmad F.	Therapeutic use of music in neurological disorders: A concise narrative review	Heliyon	10	16			3.4	10.1016/j.heliyon.2024.e35564
2214	Usman M., Singh G.N., Kumar M S J., Basha S M A.	An improved class of predictive estimators of population distribution function in the presence of non-response	Heliyon	10	18			3.4	10.1016/j.heliyon.2024.e37232
2215	Agarwal S., Mishra L.N.	Attributes of residual neural networks for modeling fractional differential equations	Heliyon	10	19			3.4	10.1016/j.heliyon.2024.e38332
2216	Vaishnavi J., Osborne J.W.	Biodegradation of monocrotophos, cypermethrin & fipronil by Proteus myxofaciens VITVJ1: A plant - microbe based remediation	Heliyon	10	18			3.4	10.1016/j.heliyon.2024.e37384
2217	Ragavi S.P., Thirumalai D., Asharani I.V., Radhakrishnan V., Jerome P.	Dual-channel fluorescent sensor for rapid Cu ²⁺ and Fe ³⁺ detection: Enhanced sensitivity and selectivity with triazole-substituted acridinedione derivative	Heliyon	10	19			3.4	10.1016/j.heliyon.2024.e38318

2218	Samavedam A.S., C.V. P., Sreekanth M., Khan T.M.Y., Almakayeel N., M F.	Exergetic investigation of the influence of injector location in HCCI engines utilizing DEE as pilot fuel and biogas as primary fuel	Heliyon	10	18			3.4	10.1016/j.heliyon.2024.e37607
2219	Sathishkumar N., Palanisamy S., Natarajan R., V.R A., Ouahada K., Hamam H.	Experimental investigations of dual functional substrate integrated waveguide antenna with enhanced directivity for 5G mobile communications	Heliyon	10	17			3.4	10.1016/j.heliyon.2024.e36929
2220	Wilson K., Arunachalam S.	Microbiome transition mediated plant immune response to <i>Alternaria solani</i> (Ellis & Martin) Jones & Grout infection in tomato (<i>Solanum lycopersicum</i> L.)	Heliyon	10	17			3.4	10.1016/j.heliyon.2024.e37203
2221	R S., G S., T M., J L., R J., P M., YS G.	Solar thermal cooking device for domestic cooking applications: Bridging sustainable development goals and innovation	Heliyon	10	19			3.4	10.1016/j.heliyon.2024.e38415
2222	Pawar S., Theodore T.	Synthesis, characterization of hydroxyapatite from pomegranate fruit peel for Cr (VI) adsorption: Process modelling, kinetic and isotherm studies	Heliyon	10	18			3.4	10.1016/j.heliyon.2024.e37540

2223	Umamaheswari E., Devi V K., Sruthakeerthi B., Bacanin N., Mathur T.	System and method to diagnose conjunctivitis in the eye of a user	Heliyon	10	17			3.4	10.1016/j.heliyon.20 24.e36248
2224	S B., M.C. S.	Unreliable M[X]/G(P1,P2)/1 feedback retrial queues with combined working vacation	Heliyon	10	17			3.4	10.1016/j.heliyon.20 24.e36778
2225	Rathipriya N., Maheswari N.	A Comprehensive Review of Recent Advances in Deep Neural Networks for Lipreading with Sign Language Recognition	IEEE Access					3.4	10.1109/ACCESS.202 4.3463969
2226	Muniswamy A., Rathi R.	A Detailed Review on Enhancing the Security in Internet of Things-Based Smart City Environment Using Machine Learning Algorithms	IEEE Access			1	1	3.4	10.1109/ACCESS.202 4.3450180
2227	Mohanty S.B., Mohanty S.	A Novel State Machine- Fractional Order PID Control Strategy for Energy Management Framework to Optimize the Consumption from Fuel Cell in DC Microgrid	IEEE Access					3.4	10.1109/ACCESS.202 4.3463716
2228	Divakar K., Praveen Kumar M., Dhanamjayulu C., Gokulakrishnan G.	A Technical Review on IMC- PID design for Integrating Process with Dead Time	IEEE Access					3.4	10.1109/ACCESS.202 4.3453828
2229	Singh S.S.K., Chauhan A.	An Improved Count-Based Classifier for Categorical Data	IEEE Access					3.4	10.1109/ACCESS.202 4.3454770

2230	Yuvaraju V., Thangavel S., Golla M.	Applications of artificial intelligence and PMU data: A robust framework for precision fault location in transmission lines	IEEE Access					3.4	10.1109/ACCESS.2024.3464088
2231	Nithya Mylakumar M., Geethanjali B., Mohan J., Ananthanarayanan R.N., Murugappan M., Chowdhury M.E.H.	Assessing the Effects of Music on Anxiety and Performance in Tasks using Heart Rate Variability and Mean Arterial Pressure	IEEE Access					3.4	10.1109/ACCESS.2024.3464129
2232	Samad S.A., Gitanjali J.	Augmenting DenseNet: Leveraging Multi-Scale Skip Connections for Effective Early-Layer Information Incorporation	IEEE Access					3.4	10.1109/ACCESS.2024.3460830
2233	Chakibanda V., Komanapalli V.L.N.	Core Structure Optimization in Double-D Coil with Enhanced Performance for Inductive Wireless Power Transfer System	IEEE Access					3.4	10.1109/ACCESS.2024.3462588
2234	Patel T., Murugan R., Yenduri G., Jhaveri R.H., Snoussi H., Gaber T.	Demystifying Defects: Federated Learning and Explainable AI for Semiconductor Fault Detection	IEEE Access	12		116987	1E+05	3.4	10.1109/ACCESS.2024.3425226
2235	Sumathi C., Asnath Vicky Phamila Y.	Efficient two stage segmentation framework for chest x-ray images with U-Net model fusion	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3450492

2236	Rhesa M.J., Revathi S.	Energy-Efficient Aware and Secure Model for WSN Lifetime Enhancement Using HDASCII-AE and GEK-GRU	IEEE Access					3.4	10.1109/ACCESS.2024.3461794
2237	Sellamuthu S., Rose S.	Enhanced Special Needs Assessment: A Multimodal Approach for Autism Prediction	IEEE Access	12		121688	1E+05	3.4	10.1109/ACCESS.2024.3453440
2238	Nasreen Fathima A.H., Syed Ibrahim S.P., Khraisat A.	Enhancing Network Traffic Anomaly Detection: Leveraging Temporal Correlation Index in a Hybrid Framework	IEEE Access					3.4	10.1109/ACCESS.2024.3458903
2239	Kanna B.R., AV S.M., Hemalatha C.S., Rajagopal M.K.	Enhancing SLAM efficiency: a comparative analysis of B-spline surface mapping and grid-based approaches	Applied Intelligence	54	21	10802	10818	3.4	10.1007/s10489-024-05776-5
2240	Rampriya R.S., Jeneffa A., Prathiba S.B., Sabarinathan, Jerart Julius L., Selvaraj A.K., Rodrigues J.J.P.C.	Fault Detection and Semantic Segmentation on Railway Track Using Deep Fusion Model	IEEE Access					3.4	10.1109/ACCESS.2024.3462822
2241	Ghosh A., Krishnamoorthy P.	FedADC: Federated Average Knowledge Distilled Mutual Conditional Learning (FedADC) for Waste Classification	IEEE Access					3.4	10.1109/ACCESS.2024.3462171

2242	Mittapalli P., Thanikaiselvan V.	FibroRegNet: A Regression Framework for the Pulmonary Fibrosis Prognosis Prediction Using a Convolutional Spatial Transformer Network	IEEE Access					3.4	10.1109/ACCESS.2024.3454966
2243	Mukadam S.B., Patil H.Y.	Fusion of ESRGAN, Adaptive NSCT, and Multi-Attention CNN with Wavelet Transform for Histopathological Image Classification	IEEE Access					3.4	10.1109/ACCESS.2024.3457315
2244	Ramya V., Marimuthu R.	Integration of AC/DC With Multi Input Mode Selection Converter for Fast Charging of Battery in Electric Vehicles	IEEE Access					3.4	10.1109/ACCESS.2024.3456472
2245	Roy S.S., Kumar A., Kumar R.S.	Metadata and Review Based Hybrid Apparel Recommendation System Using Cascaded Large Language Models	IEEE Access					3.4	10.1109/ACCESS.2024.3462793
2246	Vinitha Joshy P., Menaka R.	Neuro-Inspired Spiking Classifier for Trajectory-Optimized Diastasis Recti Rehabilitation with Wearable IMU Sensors (June 2024)	IEEE Access					3.4	10.1109/ACCESS.2024.3459790
2247	Kothai R., Prabakaran N., Srinivasa Murthy Y.V., Reddy Cenkeramaddi L., Kakani V.	Pavement Distress Detection, Classification, and Analysis Using Machine Learning Algorithms: A Survey	IEEE Access	12		126943	1E+05	3.4	10.1109/ACCESS.2024.3455093

2248	Sivavelu S., Palanisamy V.	Piecewise Congruence Regressed Indexive Extreme Learning Classifier for Software Fault Prediction	IEEE Access			1	1	3.4	10.1109/ACCESS.2024.3450673
2249	Sannigrahi M., Thandeeswaran R.	Predictive Analysis of Network based Attacks by Hybrid Machine Learning Algorithms utilizing Bayesian Optimization, Logistic Regression and Random Forest Algorithm	IEEE Access					3.4	10.1109/ACCESS.2024.3464866
2250	Suguna M., Prabha K.S.S.	Reciprocating Encoder Portrayal from Reliable Transformer Dependent Bidirectional Long Short-Term Memory for Question and Answering Text Classification	IEEE Access	12		117800	1E+05	3.4	10.1109/ACCESS.2024.3426604
2251	Dhanalakshmi M., Balakrishnan C., Vijayasri M., Vinitha G., Parthiban S.	Synthesis, structure, third-order nonlinear optical properties and Hirshfeld surface analysis of 18-crown-6 with dimethylpyridin-1-ium iodide isomers	Solid State Sciences	157				3.4	10.1016/j.solidstatesciences.2024.107704
2252	Saha G., Chandrasekaran N.	A comprehensive review on the adverse effect of microplastics in the gastrointestinal system of Artemia sp.	Heliyon	10	18			3.4	10.1016/j.heliyon.2024.e37720

2253	Bharathi J.K., Suresh P., Prakash M.A.S., Muneer S.	Exploring recent progress of molecular farming for therapeutic and recombinant molecules in plant systems	Heliyon	10	18			3.4	10.1016/j.heliyon.2024.e37634
2254	Kumaraguruparan S., Elango K.	Optimal control strategies for high-efficiency non-isolated DC-DC buck converters in IoT applications: A comparative study	Heliyon	10	18			3.4	10.1016/j.heliyon.2024.e38119
2255	Y V.S.; R V.	Phase disposition PWM control topology based: A novel multilevel inverter with reduced switch for power electronics applications	Heliyon	10	21			3.4	10.1016/j.heliyon.2024.e39856
2256	Collin M.S.; Rakshana B.; Abraham J.; S S.	In-vitro biomineralization of magnesium and copper co-doped wollastonite	Heliyon	10	21			3.4	10.1016/j.heliyon.2024.e39573
2257	Thirupathi S.; Gopalan V.; Mallichetty E.	Optimizing dielectric constants of epoxy composites infused with Palmyra palm and nano fillers using response surface methodology	Heliyon	10	21			3.4	10.1016/j.heliyon.2024.e39657
2258	Ordenshiya K.M.; Revathi G.K.	Hybrid FCMG-OP-FIS model approach to convert regression into classification data for machine learning-based AQI prediction	Heliyon	10	21			3.4	10.1016/j.heliyon.2024.e39759

2259	Sheraf J.; Gnanaraj S D.	Synthesis and characterization of 4-layered functionally graded Al-Al ₂ O ₃ MMC	Heliyon	10	20			3.4	10.1016/j.heliyon.2024.e39289
2260	Umabharathi P.S.; Karpagam S.; Dasgupta T.; Tamizhselvi R.	Benzothiazole-quinoline based probe for simultaneous colorimetric detection of CN ⁻ and Cu ²⁺ ions, with fluorescence sensing for Cu ²⁺ : Mechanistic insights and practical applications in environmental monitoring and cellular analysis	Heliyon	10	20			3.4	10.1016/j.heliyon.2024.e38593
2261	Sathiyamoorthi S.; Chandrasekaran M.; Thiruppathi K.; Padmanathan P.; Subashchandrabose S.; Gomathi S.	Synthesis, characterization, quantum mechanical calculations and biomedical docking studies on curcumin analogs: 2, 6-(Difurfurylidene) cyclohexanone and 2, 6 – Bis (2,6-Dichloro Benzylidene) Cyclohexanone	Heliyon	10	19			3.4	10.1016/j.heliyon.2024.e38300
2262	Vasan V.; Sridharan N.V.; Vaithiyanathan S.; Aghaei M.	Detection and classification of surface defects on hot-rolled steel using vision transformers	Heliyon	10	19			3.4	10.1016/j.heliyon.2024.e38498

2263	Meenaakumari M.; Shoba S.; Manikandan E.; Karthigeyan K.A.; Nithyapriyan S.A.; Meikeerthivasan V.; Hemeshwar S.	Optical parameters extraction of soil and its microplastics contamination using terahertz spectroscopy	Heliyon	10	19			3.4	10.1016/j.heliyon.20 24.e38326
2264	Hemalatha C.K.; Venkatachalam G.; Mohan B.	Optimizing dielectric constant of noncommercial biobased fibres - Acacia Nilotica, Acacia Leucophloea and Prosopis juliflora - For composite applications with selected fillers	Heliyon	10	19			3.4	10.1016/j.heliyon.20 24.e38231
2265	Nair A.S.; Viannie L.R.	Piezoelectric barium titanate/hydroxyapatite composite coatings on Ti-6Al- 4V alloy via electrophoretic deposition	Heliyon	10	20			3.4	10.1016/j.heliyon.20 24.e39102
2266	Karthik R.; Ajay A.; Singh Bisht A.; Illakiya T.; Suganthi K.	A Deep Learning Approach for Crop Disease and Pest Classification Using Swin Transformer and Dual- Attention Multi-Scale Fusion Network	IEEE Access	12		152639	2E+05	3.4	10.1109/ACCESS.202 4.3481675
2267	Selvaraj S.; Gurumurthy K.	Optimizing Bacterial Cellulose Production From Kombucha Tea Utilizing Molasses and Tea Dust in Growth Medium	International Journal of Polymer Science	2024				3.4	10.1155/2024/2240 464

2268	Karthik R.; Menaka R.; Atre S.; Cho J.; Easwaramoorthy S.V.	A Hybrid Deep Learning Approach for Skin Cancer Classification using Swin Transformer and Dense Group Shuffle Non-Local Attention Network	IEEE Access					3.4	10.1109/ACCESS.202 4.3485507
2269	Anilkumar P.; Tokmakov D.; Venugopal P.; Koppu S.; Mileva N.; Bekyarova-Tokmakova A.	A Multi-objective derived Adaptive TransDeepLabv3 using Electric Fish optimization Algorithm for Aerial Image Semantic Segmentation	IEEE Access					3.4	10.1109/ACCESS.202 4.3476157
2270	Aharonu M.; Lokesh Kumar R.	A Multi-Model Deep Learning Framework and Algorithms for Survival Rate Prediction of Lung Cancer Subtypes with Region of Interest Using Histopathology Imagery	IEEE Access					3.4	10.1109/ACCESS.202 4.3484495
2271	Sarangi P.; Mohapatra P.; Lala H.	Performance evaluation of Evolved Opposition-based Mountain Gazelle Optimizer techniques for optimal sizing of a stand-alone hybrid energy system	IEEE Access					3.4	10.1109/ACCESS.202 4.3474184
2272	Ahmad A.; Jagatheswari S.	Lattice based Three party authenticated key agreement scheme in Medical IoT for post-quantum environment	IEEE Access					3.4	10.1109/ACCESS.202 4.3483971

2273	Kanthimathi S.; Venkatraman S.; Jayasankar K.S.; Pranay Jiljith T.; Jashwanth R.	A Novel Self-Attention-Enabled Weighted Ensemble-Based Convolutional Neural Network Framework for Distributed Denial of Service Attack Classification	IEEE Access					3.4	10.1109/ACCESS.2024.3478764
2274	Mohmad G.H.; Delhibabu R.	Speech Databases, speech features and classifiers in speech emotion recognition : A Review	IEEE Access					3.4	10.1109/ACCESS.2024.3476960
2275	Afizudeen S.; Pavithra R.	Grundy Number-based optimal sensor placement in 3D wireless sensor network	IEEE Access					3.4	10.1109/ACCESS.2024.3476510
2276	Suresh S.; Sharmila Banu K.	Enhanced Local and Global Context Focus Mechanism Using BART Model for Aspect Based Sentiment Analysis of Social Media Data	IEEE Access	12		145768	1E+05	3.4	10.1109/ACCESS.2024.3471816
2277	Rajaguru Kattiakara Muni Samy M.; Gudipalli A.	Design of Compact Dual-Band Eighth-Mode SIW Antenna for On-Body ISM Band Application	IEEE Access	12		145069	1E+05	3.4	10.1109/ACCESS.2024.3472310
2278	Tera S.P.; Chinthaginjala R.V.; Natha P.; Ahmad S.; Pau G.	Deep Learning Approach for Efficient 5G LDPC Decoding in IoT	IEEE Access	12		145671	1E+05	3.4	10.1109/ACCESS.2024.3472466

2279	Gabriel J.J.; Jani Anbarasi L.	Accurate Cardiovascular Disease Prediction: Leveraging Opt-hpLGBM With Dual-Tier Feature Selection	IEEE Access	12		142427	1E+05	3.4	10.1109/ACCESS.2024.3470537
2280	Chauhan A.	A 1.5-Approximation for Symmetric Euclidean Open Loop TSP	IEEE Access	12		144509	1E+05	3.4	10.1109/ACCESS.2024.3472282
2281	Ghosh A.; Deepa K.	QueryMintAI: Multipurpose Multimodal Large Language Models for Personal Data	IEEE Access	12		144631	1E+05	3.4	10.1109/ACCESS.2024.3468996
2282	Ram S.; Muthumanikandan V.	Visistant: A Conversational Chatbot for Natural Language to Visualizations With Gemini Large Language Models	IEEE Access	12		138547	1E+05	3.4	10.1109/ACCESS.2024.3465541
2283	Jasmine Shirley J.; Priya M.	Hybrid MRMR-PCA BagDT - An Effective Feature Selection Based Ensemble Model for Real-Time Intrusion Detection in IoT Environment	IEEE Access	12		144230	1E+05	3.4	10.1109/ACCESS.2024.3468897
2284	Karthik R.; Ajay A.; Bisht A.S.; Cho J.; Easwaramoorthy S.V.	An Explainable Deep Learning Network for Environmental Microorganism Classification using Attention-Enhanced Semi-Local features	IEEE Access					3.4	10.1109/ACCESS.2024.3462592

2285	Kanthimath S.	Exploring Machine Learning Algorithms for Malicious Node Detection Using Cluster-Based Trust Entropy	IEEE Access	12		137913	1E+05	3.4	10.1109/ACCESS.2024.3465843
2286	Priya S.; Radha R.; Anandha Prakash P.; Nandhini R.	Optimizing the Selection of Intermediate Charging Stations in EV Routing Through Neuro-Fuzzy Logic	IEEE Access	12		140021	1E+05	3.4	10.1109/ACCESS.2024.3468471
2287	Vanmathi C.; Farouk A.; Alhammad S.M.; Mangayarkarasi R.; Bhattacharya S.; Kasyapa M.S.B.	The Role of Blockchain in Transforming Industries Beyond Finance	IEEE Access					3.4	10.1109/ACCESS.2024.3468611
2288	Saraswathi V.N.; Ramachandran V.P.	A comprehensive review on charger technologies, types, and charging stations models for electric vehicles	Heliyon	10	20			3.4	10.1016/j.heliyon.2024.e38945
2289	Latha Laxmi I.P.; Tamizhselvi R.	Epigenetic events influencing the biological clock: Panacea for neurodegeneration	Heliyon	10	19			3.4	10.1016/j.heliyon.2024.e38836
2290	Mohanty C.; Selvaraj C.I.	Leveraging plant-based remediation technologies against chromite mining toxicity	International Journal of Phytoremediation					3.4	10.1080/15226514.2024.2407908
2291	Singh A.; Sharma V.S.; Basheer S.; Chowdhary C.L.	A Deep Cryptographic Framework for Securing the Healthcare Network from Penetration	Sensors	24	21	0	0	3.4	10.3390/s24217089

2292	Yogalakshmi K.; Easwaramoorthy D.	A New Approach for Generalized Fractal Dimensions Based on Topological Indices for Pyracylene and Pentahexoctite Networks	IEEE Access	12	0	166176	166187	3.4	10.1109/ACCESS.2024.3489218
2293	Lekhya A.; Kumar N.S.	A study on the effective utilization of ultrafine fly ash and silica fume content in high-performance concrete through an experimental approach	Heliyon	10	22	0	0	3.4	10.1016/j.heliyon.2024.e39678
2294	Bagadi K.; Vaegae N.K.; Annepu V.; Rabie K.; Ahmad S.; Shongwe T.	Advanced Self-Driving Vehicle Model for Complex Road Navigation Using Integrated Image Processing and Sensor Fusion	IEEE Access	12	0	187141	187159	3.4	10.1109/ACCESS.2024.3487868
2295	Murugan T.K.; Sharma S.; Ganguly A.; Banerjee A.; Kejriwal K.	An Enhanced Multi-Stage Approach for Dehazing Underwater Images	IEEE Access	12	0	156803	156822	3.4	10.1109/ACCESS.2024.3486456
2296	Sharine G.J.; Anbarasi L.	An Extensive Analysis on Optimized 3D Watermarking Using Enhanced Clustering Techniques	IEEE Access	12	0	158966	158983	3.4	10.1109/ACCESS.2024.3486308
2297	Abdul Rahim S.; Manoharan A.	An Optimization-Based Feature Selection and Hybrid Spiking VGG 16 for Intrusion Detection in the CPS Perception Layer	IEEE Access	12	0	152709	152720	3.4	10.1109/ACCESS.2024.3479310

2298	Rajarajeshwari G.; Chemmalar Selvi G.	Application of Artificial Intelligence for Classification, Segmentation, Early Detection, Early Diagnosis, and Grading of Diabetic Retinopathy from Fundus Retinal Images: A Comprehensive Review	IEEE Access	12	0	172499	172536	3.4	10.1109/ACCESS.2024.3494840
2299	Padma A.; Ramaiah M.	Blockchain based solution for secure information sharing in pharma supply chain management	Heliyon	10	22	0	0	3.4	10.1016/j.heliyon.2024.e40273
2300	Sasithradevi A.; Suganya R.; Prakash P.; Roomi S.M.M.; Vijayalakshmi M.; Nathan S.; Kasthuri P.; Persiya J.; Ebenezer L.B.; Jain S.; Verma S.; Balasubramanian S.; Subramaniam M.S.; Sriram T.S.; Phanindra Sai M.P.; Raj C.; Yadav A.; Payak R.; Choudhury S.P.; Singh R.	DePondFi?23 Challenge on Real-Time Pond Environment: Methods and Results	IEEE Access	12	0	157975	157987	3.4	10.1109/ACCESS.2024.3482867
2301	Preethiraj P.M.; Belwin Edward J.	Design of novel DC-DC interleaved boost converter for BLDC application	Heliyon	10	22	0	0	3.4	10.1016/j.heliyon.2024.e40041
2302	Deng G.; Wang Z.; Hu Y.; Zhao Q.; Zhang W.; Yang C.; Li L.; Prashanth K.G.; Suryanarayana C.	Effect of Precipitation Heat Treatment on a Mechanically Alloyed Al-Based Composite Reinforced with Metallic Glassy Powder	Advanced Engineering Materials	0	0	0	0	3.4	10.1002/adem.202401075

2303	Abilasha V.; Karthikeyan A.	Enhancing Network Longevity and Mitigating Emulation Attack Through Adaptive Metaheuristic Spectrum Sensing in Cognitive Radio Sensor Network	IEEE Access	12	0	161185	161202	3.4	10.1109/ACCESS.2024.3489637
2304	Khade V.; Thirumalasetty A.B.; Wuppulluri M.	Fabrication and Simulation of Flexible Screen-Printed Mulberry Paper-Based Multiferroic Composites as Microwave Absorption Shields	Advanced Engineering Materials	26	24	0	0	3.4	10.1002/adem.202401304
2305	Kondepogu V.; Bhattacharyya B.	Heuristic Optimization-assisted Dilated Convolution Neural Network with Gated Recurrent Unit for Channel Estimation in NOMA-OFDM System	IEEE Access	12	0	184456	184476	3.4	10.1109/ACCESS.2024.3487866
2306	Jackson E.N.; Priya T.S.	Identification and classification of construction-risk factors for Ghanaian construction projects: An integrated study with structural equation modelling	Heliyon	10	22	0	0	3.4	10.1016/j.heliyon.2024.e40397
2307	Kumar P.; Saravanan P.; Omer S.N.; Rajeshkannan R.; Rajasimman M.; Shanmugam V.; Lopez-Maldonado E.A.	Nano-priming of Vigna radiata seeds with opuntia stricta-derived γ -Fe ₂ O ₃ nanoparticles	Biocatalysis and Agricultural Biotechnology	62	0	0	0	3.4	10.1016/j.bcab.2024.103428

2308	Pajany M.; Venkatraman S.; Sakthi U.; Sujatha M.; Ishak M.K.	Optimal Fuzzy Deep Neural Networks-Based Plant Disease Detection and Classification on UAV-Based Remote Sensed Data	IEEE Access	12	0	162131	162144	3.4	10.1109/ACCESS.2024.3488751
2309	Karthik R.; Inamdar R.; Kavin Sundarr S.; Cho J.; Veerappampalayam Easwaramoorthy S.	Point Cloud-Based 3D Object Classification with Non Local Attention and Lightweight Convolution Neural Networks	IEEE Access	12	0	158530	158545	3.4	10.1109/ACCESS.2024.3485906
2310	Shubham; Pandey R.K.	Role of Oxygen Vacancy in the Performance Variability and Lattice Temperature of the Stacked Nanosheet FET	IEEE Access	12	0	162565	162580	3.4	10.1109/ACCESS.2024.3490859
2311	Agrawal K.; Srivastava A.; Sharma K.; Kumar Satapathy S.; Cho S.-B.; Mishra S.; Chowdhury A.; Pal A.	SafeRoutes: Charting a Secure Path-A Holistic Approach to Women's Safety Through Advanced Clustering and GPS Integration	IEEE Access	12	0	166368	166380	3.4	10.1109/ACCESS.2024.3488784
2312	De S.; Singh A.; Tiwari V.; Patel H.; Vivekananda G.N.; Rajput D.S.	SLiTRANet: An EEG-based Automated Diagnosis Framework for Major Depressive Disorder Monitoring using a Novel LGCN and Transformer-based Hybrid Deep Learning Approach	IEEE Access	12	0	173109	173126	3.4	10.1109/ACCESS.2024.3493140
2313	Kumari Kala M.; Priya M.	Smart IoT-Blockchain Security to secure Sensitive Personal Medical Data using Shuffled Random Starvation Link Encryption	IEEE Access	12	0	168182	168196	3.4	10.1109/ACCESS.2024.3483437

2314	Gopinathan N.; Karthikeyan Shanmugam P.	Synchrophasor Forensics: Tracking Spatiotemporal Anomalies and Diagnosing Grid Frequency Events with Machine Learning for Enhanced Situational Awareness	IEEE Access	12	0	166588	166614	3.4	10.1109/ACCESS.2024. 3495018
2315	Rajakumar P.S.; Satheesh Kumar S.	A Comprehensive Review of Single Event Transients on Various MOS Devices	IEEE Access	12	0	154760	154777	3.4	10.1109/ACCESS.2024. 3483223
2316	Bodhe I.; Mehta A.; Velvizhi G.	A comprehensive review on polyhydroxyalkanoate: Genetic engineering to enhance production and feedstocks assimilation as green alternative for Petrochemical plastics	Biocatalysis and Agricultural Biotechnology	62	0	0	0	3.4	10.1016/j.bcab.2024.1 03419
2317	Dhivyaa C.R.; Nithya K.; Anbukkarasi S.	Enhancing Parkinson's Disease Detection and Diagnosis: A Survey of Integrative Approaches Across Diverse Modalities	IEEE Access	12	0	158999	159024	3.4	10.1109/ACCESS.2024. 3487001
2318	Jose A.; Shrivastava S.	Evolution of Electrical Vehicles, Battery State Estimation, and Future Research Directions: A Critical Review	IEEE Access	12	0	158627	158646	3.4	10.1109/ACCESS.2024. 3482698
2319	Savadatti S.G.; Srinivasan K.; Hu Y.-C.	A Bibliometric Analysis of Agent- Based Systems in Cybersecurity and Broader Security Domains: Trends and Insights	IEEE Access	0	0	0	0	3.4	10.1109/ACCESS.2024. 3520583

2320	Gupta M.; Gupta S.; Palanisamy G.; Nisha J.S.; Goutham V.; Arun Kumar S.; Gavaskar K.; Naik G.R.	A Comprehensive Survey on Detection of Ocular and Non-Ocular diseases using Color Fundus Images	IEEE Access	0	0	0	0	3.4	10.1109/ACCESS.2024.3517700
2321	Murugan O.G.; Pandarinathan S.; Lakshmanan S.A.; Dhanamjayulu C.; Muyeen S.M.	A New PWM Technique With Single Phase Switched-Capacitor High-Gain Multilevel Inverter for Photovoltaic Applications	IEEE Access	12	0	191573	191585	3.4	10.1109/ACCESS.2024.3514295
2322	Selvaraj R.; Geraldine Bessie Amali D.	A New Texture Aware - Seed Demand Enhanced Simple Non-Iterative Clustering (ESNIC) Segmentation Algorithm for Efficient Land Use and Land Cover Mapping on Remote Sensing Images	IEEE Access	0	0	0	0	3.4	10.1109/ACCESS.2024.3519612
2323	Deepa P.; Gunavathi C.	A Novel Aggregated Multiple Imputation Approach for Enhanced Survival Prediction and Classification on Breast Cancer and Lung Cancer Data	IEEE Access	12	0	189102	189121	3.4	10.1109/ACCESS.2024.3516837
2324	Vijaya Sambhavi Y.; Vijayapriya R.	A Novel Five-Level Knight Multilevel Inverter With Phase Disposition Modulation Technique	IEEE Access	12	0	170499	170513	3.4	10.1109/ACCESS.2024.3501333
2325	Bharath Babu S.; Jothi K.R.	A Secure Framework for Privacy-Preserving Analytics in Healthcare Records Using Zero-Knowledge Proofs and Blockchain in Multi-Tenant Cloud Environments	IEEE Access	0	0	0	0	3.4	10.1109/ACCESS.2024.3509457

2326	Narendra M.; Harshini T.S.; Jani Anbarasi L.	Advancing Skin Disease Diagnosis: A Multimodal Approach Utilizing Telegram Api Token Chatbot for Text and Image Analysis in Skin Disease Classification	IEEE Access	12	0	189009	189023	3.4	10.1109/ACCESS.2024.3516884
2327	Deepa M.; Augusta Sophy Beulet P.	An Area-Efficient TMR Architecture Inspired from Fast FIR Algorithm for Fault Tolerance	IEEE Access	12	0	177663	177673	3.4	10.1109/ACCESS.2024.3505916
2328	Manikandan N.S.; Kaliyaperumal G.	Beyond the Current Curve: A Novel Curve Warning System Considering Subsequent Curve Speed Limits	IEEE Access	12	0	175056	175070	3.4	10.1109/ACCESS.2024.3500003
2329	Mehta M.; Gunavathi C.; Mathews N.; Ruby D.	Can Programmable Gradient Information Enhance Polyp Segmentation?	IEEE Access	12	0	169277	169290	3.4	10.1109/ACCESS.2024.3496999
2330	Ramanathan S.; Mukherjee A.; Moulisvaran U.; Pramoth K.P.; Kothandaraman M.; Reena Monica P.; Ramesh Kumar L.; Gangele S.	CycleGAN for Flash-to-Ambient Image Conversion: A Style Transfer Approach	IEEE Access	0	0	0	0	3.4	10.1109/ACCESS.2024.3510042
2331	Sebastian A.; Murali V.; Pragna R.; Annis Fathima A.	Design of Capsule-Shaped All-Terrain Robot: A Perpendicular Track Mobility Solution	IEEE Access	0	0	0	0	3.4	10.1109/ACCESS.2024.3508802
2332	Sakthivel G.; Saravanakumar D.; Jegadeeshwaran R.; Rajakumar R.; Alamelu Manghai T.M.; Abirami S.	Development of a Real-Time Fault Detection Model for Hydraulic Brake Systems Using Vibration Analysis and Machine Learning with Wavelet Features	IEEE Access	12	0	177442	177455	3.4	10.1109/ACCESS.2024.3505254

2333	Lakshmi S.; Krishnamoorthy A.	Effective Multi-Step PM2.5 and PM10 Air Quality Forecasting Using Bidirectional ConvLSTM Encoder-Decoder with STA Mechanism	IEEE Access	12	0	179628	179647	3.4	10.1109/ACCESS.2024.3509142
2334	Kumaresan N.; Rammohan A.	Evaluating the impact of ambient temperature on energy consumption rate of electric two-wheeler using real-world driving data	Heliyon	10	23	0	0	3.4	10.1016/j.heliyon.2024.e40803
2335	Gurusamy A.; Bokdia A.; Kumar H.; Radhika A.; Ashok B.; Gunavathi C.	Expediency Analysis of Clustering Algorithms for Electric Two-wheeler Driving Cycle Development under Indian Smart City Driving Conditions	IEEE Access	0	0	0	0	3.4	10.1109/ACCESS.2024.3508754
2336	Dhivyaa C.R.; Nithya K.; Sathiya Kumar C.; Sudhakar R.	Explainable Model of Fusion Network with Enhanced Optimization Approach for Tuberculosis Diagnosis	IEEE Access	12	0	176920	176937	3.4	10.1109/ACCESS.2024.3505608
2337	Idroes G.M.; Afjal M.; Khan M.; Haseeb M.; Hardi I.; Noviandy T.R.; Idroes R.	Exploring the role of geothermal energy consumption in achieving carbon neutrality and environmental sustainability	Heliyon	10	23	0	0	3.4	10.1016/j.heliyon.2024.e40709
2338	Sreehari E.; Babu L.D.D.	Feature Selection Techniques for Data Analysis and Decision Making in Interdisciplinary Areas: A Systematic Review	IEEE Access	12	0	188845	188873	3.4	10.1109/ACCESS.2024.3512878
2339	Vasanthi P.; Madhu Viswanatham V.	Federated Learning for Multimodal Sentiment Analysis: Advancing Global Models With an Enhanced LinkNet Architecture	IEEE Access	12	0	175218	175239	3.4	10.1109/ACCESS.2024.3503290

2340	Rahim S.A.; Manoharan A.	Fractional Artificial Protozoa Optimization enabled Deep learning for Intrusion Detection and Mitigation in Cyber-physical systems	IEEE Access	0	0	0	0	3.4	10.1109/ACCESS.2024.3518089
2341	Nandhini R.; Radha R.	Fuzzy Logic Driven Load Balanced Channel Allocation Algorithm for Enhancing Channel Utilization and Throughput in Large Heterogeneous IEEE 802.11ah Network	IEEE Access	12	0	185838	185850	3.4	10.1109/ACCESS.2024.3512785
2342	Roy R.; Ramasami S.; Chokkalingam L.N.	Heat Transfer Improvements in Axial Flux Permanent Magnet Traction Motor	IEEE Access	12	0	189073	189087	3.4	10.1109/ACCESS.2024.3510946
2343	Selvaraj V.; Vairavasundaram I.; Obuli Pranav D.; Shukla S.; Ashok B.	Implementation of Discrete Wavelet Combined Bayesian-Optimized Gaussian Process Regression-Based SOC Prediction of EV Battery	IEEE Access	12	0	184052	184070	3.4	10.1109/ACCESS.2024.3509472
2344	Dey J.; Anandan P.; Rajagopal S.; Mani M.	Improved Target Detection With YOLOv8 for GAN Augmented Polarimetric Images Using MIRNet Denoising Model	IEEE Access	12	0	166885	166910	3.4	10.1109/ACCESS.2024.3496523
2345	Sarah Prithvika P.C.; Jani Anbarasi L.	LA-ResUNet: An Efficient Linear Attention Mechanism in ResUNet for the Semantic Segmentation of Pulmonary Nodules	IEEE Access	0	0	0	0	3.4	10.1109/ACCESS.2024.3510856
2346	Sharen H.; Narendra M.; Jani Anbarasi L.	MSKd_Net: Multi-Head Attention-based Swin Transformer for Kidney Diseases Classification	IEEE Access	0	0	0	0	3.4	10.1109/ACCESS.2024.3510634

2347	Sharma A.; Suganya R.; Krishna P.B.; Raj R.; Murugesan R.K.	Network Efficient Hierarchical Authentication Algorithm for Secure Communication in IoT and IoE	IEEE Access	0	0	0	0	3.4	10.1109/ACCESS.2024. 3516886
2348	Prasad S.L.; Gudipalli A.	Optimal Energy Consumption Control Strategy for Electric Vehicle	IEEE Access	0	0	0	0	3.4	10.1109/ACCESS.2024. 3512188
2349	Sarkar M.; Saha D.; Kumba K.; Gundu V.	Optimal Placement of H ₂ Loop Shaping Damping Controller Using Dynamic Relative Gain Array	IEEE Access	12	0	185386	185400	3.4	10.1109/ACCESS.2024. 3511720
2350	Karattupalayam Chidambaram S.; Kumar Choukiker Y.; Bhowmick A.	Performance of Hybrid Transmission of a D2D Communication with Energy Harvesting and Ambient Backscattering	IEEE Access	12	0	177520	177532	3.4	10.1109/ACCESS.2024. 3506869
2351	Venkatraman M.; Xavior M.A.	Property evaluation of graphene reinforced Al-Cu-Li (2195) alloy for lightweight structural applications	Heliyon	10	23	0	0	3.4	10.1016/j.heliyon.202 4.e40706
2352	Chavan S.; Gundakaram J.; Dyuti Vaishnavi S.; Prasad S.; Deepa K.	Real-Time Data Extraction and Prediction of Cryptocurrency	IEEE Access	12	0	186703	186709	3.4	10.1109/ACCESS.2024. 3513034
2353	Yaswanth R.; Rajasekhara Babu M.	Revolutionizing Automotive Technology: Unveiling the state of Vehicular Sensors and Biosensors	IEEE Access	0	0	0	0	3.4	10.1109/ACCESS.2024. 3514157
2354	Amudha M.; Brindha K.	Rice Leaf Nutrient Deficiency Classification System Using CAR- Capsule Network	IEEE Access	12	0	169518	169532	3.4	10.1109/ACCESS.2024. 3498606
2355	Ganesan R.; Narang T.; Krishnamurthy V.	SLAM: Sales Lead AMplification through GenAI and ML for e- learning platforms	IEEE Access	0	0	0	0	3.4	10.1109/ACCESS.2024. 3507878

2356	Mary Anthony S.; Kumar T.S.P.	Three-Dimensional Mobility Management of Unmanned Aerial Vehicles in Flying Ad-Hoc Networks	IEEE Access	12	0	190102	190119	3.4	10.1109/ACCESS.2024.3515799
2357	Sangeetha R.G.; Srivastava Y.; Hemanth C.; Sankar Naicker H.; Kumar A.P.; Vidhyadharan S.	Unmanned Aerial Surveillance and Tracking System in Forest Areas for Poachers and Wildlife	IEEE Access	12	0	187572	187586	3.4	10.1109/ACCESS.2024.3514941
2358	Srinivasan R.; Lavanya J.; Sankar A.R.	Wearable flexible pressure sensor based on nitrogen-functionalized CNT in melamine foam for human motion monitoring	IEEE Access	12	0	194566	194579	3.4	10.1109/ACCESS.2024.3518601
2359	Krishnamurthy V.; Balaji V.	Yours Truly: A Credibility Framework for Effortless LLM-powered Fact Checking	IEEE Access	0	0	0	0	3.4	10.1109/ACCESS.2024.3520187
2360	Roobankumar R.; SenthilPandian M.	A review of utilization of waste polyurethane foam as lightweight aggregate in concrete	Heliyon	10	23	0	0	3.4	10.1016/j.heliyon.2024.e40479
2361	Dhanushkodi K.; Thejas S.	AI Enabled Threat Detection: Leveraging Artificial Intelligence for Advanced Security and Cyber Threat Mitigation	IEEE Access	12	0	173127	173136	3.4	10.1109/ACCESS.2024.3493957
2362	Sunil Kumar G.; Kumaresan P.	Deep Learning and Transfer Learning in Cardiology: A Review of Cardiovascular Disease Prediction Models	IEEE Access	0	0	0	0	3.4	10.1109/ACCESS.2024.3514093

2363	Singh A.; Joshua C.J.	Nanobot-Assisted Pollination for Sustainable Agriculture: A Review of Image Classification and Deep Learning Techniques with YOLO, SLAM, and MATLAB	IEEE Access	12	0	189902	189925	3.4	10.1109/ACCESS.2024.3516934
2364	Jaswanth A., Kaleemulla S.	Structural, optical and electrical properties of Al-doped CdO nanoparticles by solid state reaction	Physica E: Low-Dimensional Systems and Nanostructures	158				3.3	10.1016/j.physe.2023.115884
2365	Kannan V., Maadhu T., Periyasamy P., Loganathan R., Sacratees S., Sivaraman V., Haydullakhan S., Gandhiraj V., Periyasamy P.	Enhancement of optical, electrical, mechanical and thermal properties with Hirshfeld surface analysis of organic piperazine para-nitrophenol crystals: An effective material for NLO device fabrication	Journal of Solid State Chemistry	330				3.3	10.1016/j.jssc.2023.124457
2366	Malhan A.H., Thirumoorthy K.	Global minimum and a heap of low-lying isomers with planar tetracoordinate carbon in the $CAI_3MgH_2^-$ system	Physical Chemistry Chemical Physics					3.3	10.1039/d3cp05841g
2367	Marimuthu S., Pandiaraj S., Muthuramamoorthy M., Alzahrani K.E., Alodhayb A.N., Pitchaimuthu S., Grace A.N.	Experimental and computational DFT, drift-diffusion studies of cobalt-based hybrid perovskite crystals as absorbers in perovskite solar cells	Physical Chemistry Chemical Physics					3.3	10.1039/d3cp04663j

2368	Chandrasekaran S.K., Rajasekaran V.A.	Energy-efficient cluster head using modified fuzzy logic with WOA and path selection using enhanced CSO in IoT-enabled smart agriculture systems	Journal of Supercomputing					3.3	10.1007/s11227-023-05780-5
2369	Madhu A., Rajaramakrishna R., James J.T., Suresh K., Al-Dossari M., Abd EL-Gawaad N.S., Srinatha N.	Achieving narrow bandwidth and high stimulated cross-section in Nd ³⁺ -doped LiCaB glasses for near infra-red laser amplifiers	Infrared Physics and Technology	136				3.3	10.1016/j.infrared.2023.105087
2370	Akomah B.B., Ramani P.V.	Confirmatory factor analysis of the positive factors influencing the performance of Ghanaian construction projects	Construction Innovation					3.3	10.1108/CI-08-2022-0190
2371	Hephzibah Cathryn R., George Priya Doss C.	Comparative molecular dynamics simulation of apo and holo forms of the P53 mutant C176F: a structural perspective	Journal of Taibah University for Science	18	1			3.3	10.1080/16583655.2023.2297457
2372	Sivakumar V., Yogesh C.K., Vatchala S., Kaliraj S.	An efficient lung image classification and detection using spiral-optimized Gabor filter with convolutional neural network	International Journal of Imaging Systems and Technology	34	1			3.3	10.1002/ima.23013
2373	Sultania A., Venkatesan S., Batra D.R., Rajesh K., Vashishth R., Ravi S., Ahmad F.	Potential biomarkers and therapeutic targets for obsessive compulsive disorder: Evidences from clinical studies	Biochemia medica	34	1	10503		3.3	10.11613/BM.2024.010503

2374	Junias J.S., Clement J., Rahul M.P., Arockiaraj M.	Two-dimensional phthalocyanine frameworks: Topological descriptors, predictive models for physical properties and comparative analysis of entropies with different computational methods	Computational Materials Science	235					3.3	10.1016/j.commatsci .2024.112844
2375	Verma A., Patel R., Mahale A., Thorat R.V., Rath S.L., Sridhar E., Moiyadi A., Srivastava S.	Multitarget Potential Drug Candidates for High-Grade Gliomas Identified by Multiple Reaction Monitoring Coupled with In Silico Drug Repurposing	OMICS A Journal of Integrative Biology	28	2	59	75		3.3	10.1089/omi.2023.0 256
2376	Hameed S., Saha S.	Thermo-entropy analysis of water-FMWCNT nano-fluid flow in a backward-facing channel with obstacle	Journal of Taibah University for Science	18	1				3.3	10.1080/16583655.2 024.2314801
2377	Nag S., Mitra O., Tripathi G., Adur I., Mohanto S., Nama M., Samanta S., Gowda B.H.J., Subramaniyan V., Sundararajan V., Kumarasamy V.	Nanomaterials-assisted photothermal therapy for breast cancer: State-of-the- art advances and future perspectives	Photodiagnosis and Photodynamic Therapy	45					3.3	10.1016/j.pdpdt.202 3.103959
2378	Vellore Mohan A., Kuttykattil A., Toshiaki I., Sudhakaran R.	Assessment of microplastic contamination in commercially available fishes	Marine Environmental Research	196					3.3	10.1016/j.marenvres .2024.106412

2379	Pinki, Kumar R., Vimal S., Alghamdi N.S., Dhiman G., Pasupathi S., Sood A., Viriyasitavat W., Sapsomboon A., Kaur A.	Artificial intelligence-enabled smart city management using multi-objective optimization strategies	Expert Systems					3.3	10.1111/exsy.13574
2380	Afiya S., Rajesh M.	Embedding (K9-C9)n into interconnection networks	Journal of Supercomputing					3.3	10.1007/s11227-024-05941-0
2381	Purushothaman P., Mohanapriya D., Thenmozhi K., Karpagam S.	Designing a ferrocene biphenyl pyridine modified electrode for the non-enzymatic electrochemical detection of catechol	New Journal of Chemistry	48	15	6893	6901	3.3	10.1039/d4nj00710g
2382	Rajasekaran V.A., Indirajithu A., Jayalakshmi P., Nayyar A., Balusamy B.	Gradient scaling and segmented SoftMax Regression Federated Learning (GDS-SRFFL): a novel methodology for attack detection in industrial internet of things (IIoT) networks	Journal of Supercomputing					3.3	10.1007/s11227-024-06109-6
2383	Rani M.S., Subramanian S.	Meta heuristic approaches for sentiment analysis	Expert Systems					3.3	10.1111/exsy.13592
2384	Lokesh B., Shanthi S., A G.M., S Y., B B., Girisun T.C.S., Rahulan K.M.	Luminescence and two-photon absorption assisted optical limiting properties of Ag-doped CdWO ₄ nanorods	Journal of Solid State Chemistry	336				3.3	10.1016/j.jssc.2024.124748

2385	Krishnan A., Kamaraj S.	High-yielding regioselective synthesis of p-quinone fused 5-substituted-1,4-benzodiazepine scaffolds via Pictet-Spengler type cycloannulation	New Journal of Chemistry					3.3	10.1039/d4nj00993b
2386	Kumar V., Chandra A., Kumar R.	Graphene–metal hybrid based reconfigurable wideband terahertz antenna with improved far-field characteristics	Optical and Quantum Electronics	56	7			3.3	10.1007/s11082-024-07108-w
2387	Balaji V.R., Sivasubramanian A., Shaik E.H., Hegde G., Ali N., Awaphan A., Medha A.M., Dhanabalan S.S.	12.5 GHz spectral linewidth optical DWDM photonic crystal demultiplexer in L Band communication window	Optical and Quantum Electronics	56	7			3.3	10.1007/s11082-024-07082-3
2388	Karpurasundharapondian P., Selvi M.	A comprehensive survey on optimization techniques for efficient cluster based routing in WSN	Peer-to-Peer Networking and Applications					3.3	10.1007/s12083-024-01678-y
2389	Krishnan R., Durairaj S.	Reliability and performance of resource efficiency in dynamic optimization scheduling using multi-agent microservice cloud-fog on IoT applications	Computing					3.3	10.1007/s00607-024-01301-1
2390	Jayashree S., Santhosh Kumar S.V.N.	PFCAS—Paring free certificate less aggregate scheme for ensuring efficient authentication in vehicular Ad-hoc networks	Peer-to-Peer Networking and Applications					3.3	10.1007/s12083-024-01726-7

2391	Nandhini U., SVN S.K.	An improved Harris Hawks optimizer based feature selection technique with effective two-staged classifier for network intrusion detection system	Peer-to-Peer Networking and Applications					3.3	10.1007/s12083-024-01727-6
2392	Vellingiri J., Vedhavathy T.R., Senthil Pandi S., Bala Subramanian C.	Fuzzy logic and CPSO-optimized key management for secure communication in decentralized IoT networks: A lightweight solution	Peer-to-Peer Networking and Applications					3.3	10.1007/s12083-024-01733-8
2393	Dinesh K., Santhosh Kumar S.V.N.	HBO-SROA: Honey Badger optimization based clustering with secured remora optimization based routing algorithm in wireless sensor networks	Peer-to-Peer Networking and Applications					3.3	10.1007/s12083-024-01708-9
2394	Salim E.T., Kudhur A.Y., Kara I., Azzahrani A.S., Fakhri M.A., Alsultany F.H., Basem A., Manikandan E., Gopinath S.C.B.	Improved Physical Properties of Ag-Cu ₂ O Hybrid Structure Prepared Using Laser Ablation in Liquid Technique	Plasmonics					3.3	10.1007/s11468-024-02375-5
2395	Nieto-Panqueva F., Vázquez-Acevedo M., Hamel P.P., González-Halphen D.	Identification of factors limiting the allotopic production of the Cox2 subunit of yeast cytochrome c oxidase	Genetics	227	2			3.3	10.1093/genetics/iyae058

2396	Sekaran K., Varghese R.P., Krishnan S., Zayed H., Allali A.E., Doss G.P.C.	Dissecting Crucial Gene Markers Involved in HPV-Associated Oropharyngeal Squamous Cell Carcinoma from RNA-Sequencing Data through Explainable Artificial Intelligence	Frontiers in Bioscience - Landmark	29	6			3.3	10.31083/j.fbl2906220
2397	Nisar K.S., Silambarasan R.	Jacobi elliptic solutions, bright, compound bright-complex singular solitons of 3+1- dimensional Wazwaz Kaur Boussinesq equation	Optical and Quantum Electronics	56	8			3.3	10.1007/s11082-024-07213-w
2398	Singh S., Goyal J.K., Sachan A., Amutha Prabha N., Tiwari A.K., Kamal S., Ghosh S., Purwar S., Xiong X.	Modified ESO based disturbance rejection for dynamical systems: An experimental study	Journal of Process Control	141				3.3	10.1016/j.jprocont.2024.103263
2399	Shastri R.K., Mohanty C.P., Mishra U., Hotta T.K., Patil V.V., Prashanth K.G.	Optimizing the Electrical Discharge Machining Process Parameters of the Nimonic C263 Superalloy: A Sustainable Approach	Journal of Manufacturing and Materials Processing	8	3			3.3	10.3390/jmmp8030126
2400	Ranjan P., Mishra N., Radovanovic J., Potrebić Ivaniš M., Murmu L., Rai J.K.	Refractive index sensing: study and analysis for SARS-CoV-2 detection	Optical and Quantum Electronics	56	7			3.3	10.1007/s11082-024-07188-8
2401	Charumathi P.R., Senthilnathan K.	Unravelling PT Symmetry: Applications in Metamaterials	Plasmonics					3.3	10.1007/s11468-024-02414-1

2402	Pulligilla M.K., Vanmathi C.	An energy efficient access control for secured intelligent transportation system for 6G networking in VANET	Peer-to-Peer Networking and Applications						3.3	10.1007/s12083-024-01768-x
2403	Nedala S., Puja S., Kempango L., Ikendi S.	Assessing flood susceptibility and effectiveness of structural flood mitigation measures applied within Mubuku catchment in Rwenzori Region, Uganda	Natural Hazards						3.3	10.1007/s11069-024-06843-3
2404	Subbaiah C.V., Govinda K.	Energy-aware and trust-based cluster head selection in healthcare WBANs with enhanced GWO optimization	Computing						3.3	10.1007/s00607-024-01339-1
2405	Cao Y., Subhashri A.R., Chandrasekar A., Radhika T., Przybyszewski K.	EXPONENTIAL STATE ESTIMATION FOR DELAYED COMPETITIVE NEURAL NETWORK VIA STOCHASTIC SAMPLED-DATA CONTROL WITH MARKOV JUMP PARAMETERS UNDER ACTUATOR FAILURE	Journal of Artificial Intelligence and Soft Computing Research	14	4	373	385		3.3	10.2478/jaiscr-2024-0020
2406	Kumar M.D.B., Bhasith A.A., Kumar G.S.V., Ridhushan Y., Arivazhagan N., Babu N., Kumar K.S., Manikandan M.	Investigation of Microstructure and Mechanical Characteristics of Thin-walled Hastelloy C-276 Manufactured Through Pulsed-Arc Additive Manufacturing Technique	Metals and Materials International						3.3	10.1007/s12540-024-01750-5

2407	Kumar D., Rakshit J.K., Nayak C., Hossain M.	Photonic crystal-based high performance cascaded micro ring resonator using topological interface state: design, analysis, and application	Optical and Quantum Electronics	56	8			3.3	10.1007/s11082-024-07273-y
2408	Pulligilla M.K., Vanmathi C.	A traffic flow prediction framework based on integrated federated learning and Recurrent Long short-term networks	Peer-to-Peer Networking and Applications					3.3	10.1007/s12083-024-01792-x
2409	Patruni M.R., Humayun A.G.	BeLAS: Blockchain-envisioned lightweight authentication scheme for securing eHealth records	Peer-to-Peer Networking and Applications					3.3	10.1007/s12083-024-01779-8
2410	Manokaran V., Michael A.X.	Property Evaluation of AA2014 Reinforced with Synthesized Novel Mixture Processed through Squeeze Casting Technique	Journal of Manufacturing and Materials Processing	8	4			3.3	10.3390/jmmp8040153
2411	Manickam P., Senthil R., Senthil R.	Numerical Analysis of Hybrid - SPR-PCF Multi-Analyte Sensor for Clinical Diagnosis	Plasmonics					3.3	10.1007/s11468-024-02486-z
2412	Kaliyannan D., Thangamuthu M., Pradeep P., Gnansekaran S., Rakkiyannan J., Pramanik A.	Tool Condition Monitoring in the Milling Process Using Deep Learning and Reinforcement Learning	Journal of Sensor and Actuator Networks	13	4			3.3	10.3390/jsan13040042

2413	Akter A., Apu M.M.H., Veeranki Y.R., Baroud T.N., Posada-Quintero H.F.	Recent Studies on Smart Textile-Based Wearable Sweat Sensors for Medical Monitoring: A Systematic Review	Journal of Sensor and Actuator Networks	13	4			3.3	10.3390/jsan13040040
2414	Hardi I.; Afjal M.; Can M.; Idroes G.M.; Noviandy T.R.; Idroes R.	Shadow economy, energy consumption, and ecological footprint in Indonesia	Sustainable Futures	8				3.3	10.1016/j.sftr.2024.100343
2415	Ravindran U.; Gunavathi C.	Deep learning assisted cancer disease prediction from gene expression data using WT-GAN	BMC medical informatics and decision making	24	1	311		3.3	10.1186/s12911-024-02712-y
2416	Manoj Kumar S.; Munusamy S.; Enbanathan S.; Kulathu Iyer S.	AIE Active Imidazole-Stilbene Conjugated Fluorescent Probes: Illuminating Latent Fingerprints and Advancing Anticounterfeiting Technologies	Journal of Organic Chemistry					3.3	10.1021/acs.joc.4c01387
2417	Yadav J.K.; Tripathy S.K.; Nayak C.; Olyae S.; Dolzhenko E.I.	Mathematical Modelling and Numerical Investigation of 2D Functional ZnO Photonic Sensor to Detect Urine Components	Plasmonics					3.3	10.1007/s11468-024-02566-0
2418	Blessina Preethi R.; Saranya Nair M.	Temporal and spatial data redundancy reduction using machine learning approach for IoT based heterogeneous wireless sensor networks	Peer-to-Peer Networking and Applications					3.3	10.1007/s12083-024-01803-x

2419	Uniyal A.; Kumba K.; Dhiman G.; Ahmed M.Z.; Pal A.; Pal D.; Muduli A.; Srivastava V.	Advanced SPR Sensor for Human Sperm Analysis: Leveraging Silver and Nanomaterials for Enhanced Performance	Plasmonics					3.3	10.1007/s11468-024-02606-9
2420	Mishra T.; Machireddy J.; Vuppu S.	Comprehensive Study on Hygiene and Quality Assessment Practices in the Production of Drinkable Dairy-Based and Plant-Based Fermented Products	Fermentation	10	9			3.3	10.3390/fermentation10090489
2421	Upadrashta A.; Saravanan S.; Annamalai A.R.	Experimental Study on Dry Milling of Stir-Casted and Heat-Treated Mg-Gd-Y-Er Alloy Using TOPSIS	Journal of Manufacturing and Materials Processing	8	5	0	0	3.3	10.3390/jmmp8050205
2422	Praveena S.; Senthilnathan K.	Ultra Low Loss Dual Square Groove Incorporated SPR-Based PCF Sensor for Malaria Diagnosis	Plasmonics	0	0	0	0	3.3	10.1007/s11468-024-02663-0
2423	Afjal M.; Trivedi J.	Greening healthcare: exploring economic and ecological synergies in the pursuit of net-zero carbon futures	Sustainable Futures	8	0	0	0	3.3	10.1016/j.sftr.2024.100381
2424	Kasiviswanathan S.; Gnanasekaran S.; Thangamuthu M.; Rakkiyannan J.	Machine-Learning- and Internet-of-Things-Driven Techniques for Monitoring Tool Wear in Machining Process: A Comprehensive Review	Journal of Sensor and Actuator Networks	13	5	0	0	3.3	10.3390/jsan13050053

2425	Ali S.M., Sahu H.K., Singh S.S.	Analysis of RF energy harvesting assisted RF/FSO system with SSK modulation in smart city	AEU - International Journal of Electronics and Communications	176				3.2	10.1016/j.aeue.2024.155157
2426	Divya M., Sundaram K.	A novel replica technique based dead zone free phase frequency detector and a self-cascade current-splitting charge pump for a low-spur low power phase-locked loop architecture	AEU - International Journal of Electronics and Communications	176				3.2	10.1016/j.aeue.2023.155098
2427	Kumar Rai J., Anuragi K., Mishra N., Chowdhury R., Kumar S., Ranjan P.	Dual-band miniaturized composite right left handed transmission line ZOR antenna for microwave communication with machine learning approach	AEU - International Journal of Electronics and Communications	176				3.2	10.1016/j.aeue.2024.155120
2428	Surendran H., Akhas P.K.	Unraveling the Strength and Enhanced Durability of Concrete Using Toughened Waste Glass Aggregate	Journal of Materials in Civil Engineering	36	3			3.2	10.1061/JMCEE7.MTENG-16502
2429	Mani D.S., Rao Inabathini S.	A systematic approach for the development of wide band band pass filters using resonators	AEU - International Journal of Electronics and Communications	175				3.2	10.1016/j.aeue.2023.155115

2430	Padma Sri Lekha P., Irshad C.V., Abdul Azeez E.P.	Exposure to indoor air pollution and angina among aging adults in India: evidence from a large-scale nationwide study	International Journal of Environmental Health Research					3.2	10.1080/09603123.2 024.2307352
2431	Liu M., Joseph Raj A.N., Rajangam V., Ma K., Zhuang Z., Zhuang S.	Multiscale-multichannel feature extraction and classification through one- dimensional convolutional neural network for Speech emotion recognition	Speech Communication	156				3.2	10.1016/j.specom.2 023.103010
2432	Reddy A.B., Mahato S.N., Tewari N.	Dual switch ultra-high gain DC–DC converter with low voltage stress	AEU - International Journal of Electronics and Communications	173				3.2	10.1016/j.aeue.2023 .154995
2433	Nalliboyina K., Ramachandran S.	An energy-efficient hybrid CMOS spiking neuron circuit design with a memristive based novel T-type artificial synapse	AEU - International Journal of Electronics and Communications	173				3.2	10.1016/j.aeue.2023 .154982
2434	Mohan K.N., Choukiker Y.K.	Dual-mode aperture-coupled patch resonator based dual- band higher-order frequency selective surfaces	AEU - International Journal of Electronics and Communications	177				3.2	10.1016/j.aeue.2024 .155171

2435	Florance I., Ramasubbu S.	Regulation of genes involved in the metabolic adaptation of murine microglial cells in response to elevated HIF-1 α mediated activation	Immunogenetics					3.2	10.1007/s00251-024-01334-y
2436	Khan M., Perwez S.K., Gaddam R.P., Aiswarya R., Basha M.A., Malas A., Haque S., Ahmad F.	Mind Matters: Exploring the Intersection of Psychological Factors and Cognitive Abilities of University Students by Using ANN Model	Neuropsychiatric Disease and Treatment	20		137	148	3.2	10.2147/NDT.S4369 75
2437	Ramakrishnan S., Singh A.K.	Stochastic dynamics of a nonlinear vibration energy harvester subjected to a combined parametric and external random excitation: The distinct cases of Itô and Stratonovich stochastic integration	International Journal of Non- Linear Mechanics	162				3.2	10.1016/j.ijnonlinme c.2024.104700
2438	Neerugatti K., Pakala V.	Design of low power and low phase noise LC-VCO for Bluetooth/WLAN applications	AEU - International Journal of Electronics and Communications	177				3.2	10.1016/j.aeue.2024 .155227
2439	Balan G.S., Raj S.A., Adithya R.N.	Effect of post-heat treatment on the mechanical and surface properties of nylon 12 produced via material extrusion and selective laser sintering processes	Polymer Bulletin					3.2	10.1007/s00289-024- 05197-x

2440	Kolluru S., Thakur A., Tamakuwala D., Kumar V.V., Ramakrishna S., Chandran S.	Sustainable recycling of polymers: a comprehensive review	Polymer Bulletin					3.2	10.1007/s00289-024-05195-z
2441	Abhishek C., Raghukiran N.	A viscoelastic-viscoplastic damage model with a cohesive zone in between	International Journal of Non-Linear Mechanics	162				3.2	10.1016/j.ijnonlinmech.2024.104713
2442	Mathew G., Chamoli P., Philip A., Kumar A.R.	Effects of Copper Doping on the Electrochemical Performance of Tin Oxide Synthesised by Facile Co-precipitation Root	International Journal of Environmental Research	18	3			3.2	10.1007/s41742-024-00587-5
2443	Dwivedy B.	A droplet-shape inspired wideband bow-tie dielectric resonator antenna for sub-6 GHz and IoT applications	AEU - International Journal of Electronics and Communications	178				3.2	10.1016/j.aeue.2024.155281
2444	Sahu H.K., Padhan A.K., Das B., Dixit D.	BER performance of smart grid HAN with RF energy harvesting over RF-THz channel	AEU - International Journal of Electronics and Communications	178				3.2	10.1016/j.aeue.2024.155247
2445	Sadasivan S., Litak G., Geça M.J.	Numerical Analysis of Flow-Induced Transverse Vibration of a Cylinder with Cubic Non-Linear Stiffness at High Reynolds Numbers	Energies	17	7			3.2	10.3390/en17071776

2446	Rao R.N., Das S., Jacob K., Alam M.M., Balamurali M.M., Chanda K.	Synthetic access to diverse thiazetidines via a one-pot microwave assisted telescopic approach and their interaction with biomolecules	Organic and Biomolecular Chemistry	22	16	3249	3261	3.2	10.1039/d4ob00075g
2447	Lakshmi M., Das R., Manohar B.	A new COVID-19 classification approach based on Bayesian optimization SVM kernel using chest X-ray datasets	Evolving Systems					3.2	10.1007/s12530-024-09575-8
2448	Sivaraaj N.R., Abdul Majeed K.K.	Comprehensive analysis of linear phase frequency detectors in phase-locked loops	AEU - International Journal of Electronics and Communications	178				3.2	10.1016/j.aeue.2024.155274
2449	Patil V.V., Mohanty C.P., Prashanth K.G.	Parametric Optimization of Selective Laser Melted 13Ni400 Maraging Steel by Taguchi Method	Journal of Manufacturing and Materials Processing	8	2			3.2	10.3390/jmmp8020052
2450	Pari K., Fazlur-Rahman N.K.	Copper-catalyzed dehydrogenative cyclization/alkenylation towards dihydroquinolinones	Organic and Biomolecular Chemistry	22	20	4163	4171	3.2	10.1039/d4ob00134f
2451	Ajithkumar M., Meenakumari R., Sucharitha G., Vinodkumar Reddy M., Javid K., Lakshminarayana P.	Bioconvective peristaltic transport of hydromagnetic Sutterby nanofluid through a chemically activated porous channel with gyrotactic microorganisms	Journal of Applied Physics	135	19			3.2	10.1063/5.0203027

2452	Sankaran V., Rajan A.J., Selvaraj S.K., Jose S., Wilson V.H., Singh K.A., Sahayaraj A.F., Patterson A.E.	Interlaminar tensile properties of raw and carbon fiber-wrapped additively manufactured polyetherimide	Polymer Engineering and Science					3.2	10.1002/pen.26856
2453	Venkatesan D., Muthukumar S., Iyer M., Babu H.W.S., Gopalakrishnan A.V., Yadav M.K., Vellingiri B.	Heavy metals toxicity on epigenetic modifications in the pathogenesis of Alzheimer's disease (AD)	Journal of Biochemical and Molecular Toxicology	38	6			3.2	10.1002/jbt.23741
2454	Anna Latha M., Ramesh R.	Rehabilitation Based on BCI: An Innovative Enhancement for Sensorimotor Cortex Rhythms Systemization	Advanced Biology					3.2	10.1002/adbi.202400004
2455	Sarah P., Krishnapriya S., Saladi S., Karuna Y., Bavirisetti D.P.	A novel approach to brain tumor detection using K-Means++, SGLDM, ResNet50, and synthetic data augmentation	Frontiers in Physiology	15				3.2	10.3389/fphys.2024.1342572
2456	Vinodha S., Suganya M., Shanmugam N., Senthil Kumar A., Rajarajan M.	Optimization of the dosage of ZnO photocatalyst for the degradation of sunlight driven multi dose organic dye brilliant green	Journal of the Indian Chemical Society	101	10			3.2	10.1016/j.jics.2024.101328
2457	E B., Elumalai V.K., Sandhiya D., Swarna Priya R.M., Shantharajah S.P.	Parkinson's disease detection and stage classification: quantitative gait evaluation through variational mode decomposition and DCNN architecture	Connection Science	36	1			3.2	10.1080/09540091.2024.2383894

2458	Sivagami M., Thirumalai D., Asharani I.V.	Photocatalytic degradation of toxic basic blue 41 and reactive orange M2R dyes using green synthesized zinc oxide nanoparticles	Journal of the Indian Chemical Society	101	10			3.2	10.1016/j.jics.2024.101326
2459	Suresh S., Sindhu V., Ramesh Aravind M., Arundinesh A., Krishna Chandar N.	Asymmetric pseudocapacitive electrodes for high energy density supercapacitor in aqueous electrolyte	Journal of the Indian Chemical Society	101	10			3.2	10.1016/j.jics.2024.101354
2460	Ranganathan T., Selwynraj Arunodayaraj I.	Disintegration of lignocellulosic material through visible light SiO ₂ /g-C ₃ N ₄ photocatalyst for biogas generation	Journal of the Indian Chemical Society	101	11			3.2	10.1016/j.jics.2024.101371
2461	Pandey N., Krishnan D., Suresh A., Abraham J., Sheela A.	Thiosemicarbazone-based Dioxomolybdenum (VI) complexes as inorganic nucleases	Journal of the Indian Chemical Society	101	11			3.2	10.1016/j.jics.2024.101361
2462	Ayyappan A., Arockiasamy S.	Synthesis, crystal structure, biological and docking studies of 5-hydroxy-2-[(2-methylpropyl)iminio]methylphenolate	Future Medicinal Chemistry					3.2	10.1080/17568919.2024.2389763
2463	Sam J.; Mohakud S.; Wakabayashi K.; Dutta S.	Superconductivity in Ca-intercalated bilayer silicene	Physical Review B	110	16			3.2	10.1103/PhysRevB.110.L161401
2464	Selvaraj V.K.; Subramanian J.; Krishna Rajeev P.; Rajendran V.; Raja S.	Optimization of conductive nanofillers in bio-based polyurethane foams for ammonia-sensing application	Polymer Engineering and Science					3.2	10.1002/pen.26987

2465	Purushothaman P.; Nishanthi S.; Induja B.; Umabharathi P.S.; Sethupathi M.; Karpagam S.	AIIE?Active Green Fluorescence Imaging Technique for Latent Fingerprint Application	Luminescence	39	10	0	0	3.2	10.1002/bio.70004
2466	Nandhini K.; Vidhya V.	Beyond Markovian queue: a heuristic optimization of a fluid queue with a delay-aware retrial strategy for unprecedented energy efficiency in 5G-based ad hoc networks	Systems Science and Control Engineering	12	1	0	0	3.2	10.1080/21642583.20 24.2427027
2467	Roy J.; Hemavathy N.; Saravanan R.; Gopinath P.; Pugazh P.; Jeyaraman J.; Venkatraman G.; Rayala S.K.	Spatio-temporal localization of P21-activated kinase in endometrial cancer	Biotechnology and Applied Biochemistry	0	0	0	0	3.2	10.1002/bab.2684
2468	Gopikrishnan M.; Doss C G.P.	Virtual screening of plant- derived molecules against zinc- dependent imipenemases in class B metallo-?-lactamases of Acinetobacter baumannii	Biotechnology and Applied Biochemistry	0	0	0	0	3.2	10.1002/bab.2688
2469	Ghosh B.; Chakraborty G.	Application of Mathematics for Robust Stability and for Robustly Strictly Positive Real on an Uncertain Interval Plant	International Journal of Robust and Nonlinear Control	0	0	0	0	3.2	10.1002/rnc.7732
2470	Geetha G.; Geethanjali P.	Computational intelligence to detect bearing faults using optimal features from motor current signals	Systems Science and Control Engineering	12	1	0	0	3.2	10.1080/21642583.20 24.2437157

2471	Krishnamoorthy H.R.; Karuppasamy R.	Deciphering the prognostic landscape of triple-negative breast cancer: A focus on immune-related hub genes and therapeutic implications	Biotechnology and Applied Biochemistry	0	0	0	0	3.2	10.1002/bab.2700
2472	Vijaya B.; Jasmine Beulah Salome S.; Esther Swetha S.; Nallakumar S.; Anand S.; Jayasurya D.; Sashmitha K.; Usha Rani M.	Enhancing the ion transportation on PVDF-HFP and PMMA based solid polymer electrolyte by fusing Co ₃ O ₄ and NiO NPs for energy storage applications	Polymer Engineering and Science	0	0	0	0	3.2	10.1002/pen.27034
2473	Jeyamani D.; Rukmani P.	HP-SEFB: hyper parameterized stacking ensemble with fuzzy-Boruta for rheumatoid arthritis classification	Systems Science and Control Engineering	12	1	0	0	3.2	10.1080/21642583.2024.2441241
2474	Achankunju P.; Dash S.K.	Parameter estimation for networked SIR models with stochastic perturbations using JEKF: a study using COVID-19 daily data from Indian states	Systems Science and Control Engineering	12	1	0	0	3.2	10.1080/21642583.2024.2436662
2475	Bhulakshmi D.; Rajput D.S.	Privacy-preserving detection and classification of diabetic retinopathy using federated learning with FedDEO optimization	Systems Science and Control Engineering	12	1	0	0	3.2	10.1080/21642583.2024.2436664
2476	Mamgain R.; Mishra G.; Kriti S.; Singh F.V.	Organoselenium compounds beyond antioxidants	Future Medicinal Chemistry	0	0	0	0	3.2	10.1080/17568919.2024.2435254

2477	Kenoth R., Pothuraju S., Anand Prabu A., Kamlekar R.K.	Spectroscopic and thermodynamic characterization of the interaction between sugar-stabilised silver nanoparticles and wheat germ agglutinin (WGA), a chitin binding lectin	Carbohydrate Research	535				3.1	10.1016/j.carres.2023.109014
2478	Eledath Kolasseri A., Eledath Kolasseri A., Sivaraman J., Ramasamy T.	Assessment of factors related to poly cystic ovarian syndrome–A comparative and correlational study	Journal of Psychosomatic Obstetrics and Gynecology	45	1			3.1	10.1080/0167482X.2023.2297166
2479	Singh S., Palani I.A., Paul C.P., Funk A., Konda Gokuldoss P.	Wire Arc Additive Manufacturing of NiTi 4D Structures: Influence of Interlayer Delay	3D Printing and Additive Manufacturing	11	1	152	162	3.1	10.1089/3dp.2021.0296
2480	Salvekar A.V., Nasir F.H.B.A., Chen Y.H., Maiti S., Ranjan V.D., Chen H.M., Wang H., Huang W.M.	Rapid Volumetric Additive Manufacturing in Solid State: A Demonstration to Produce Water-Content-Dependent Cooling/Heating/Water-Responsive Shape Memory Hydrogels	3D Printing and Additive Manufacturing	11	1	125	131	3.1	10.1089/3dp.2021.0279
2481	Dhanith P.R.J., Surendiran B., Rohith G., Kanmani S.R., Devi K.V.	A Sparse Self-Attention Enhanced Model for Aspect-Level Sentiment Classification	Neural Processing Letters	56	2			3.1	10.1007/s11063-024-11513-3

2482	Singh S., Demidova E., Resnina N., Belyaev S., Palani I.A., Paul C.P., Kumar A., Prashanth K.G.	Mechanical Properties, Microstructure, and Actuation Behavior of Wire Arc Additive Manufactured Nitinol: Titanium Bimetallic Structures	3D Printing and Additive Manufacturing	11	1	143	151	3.1	10.1089/3dp.2021.0324
2483	Lingampalli B., Dondapati S.	Solid-state surface alloying of ZK60 Mg alloy with tin using friction stir processing	Materials Technology	39	1			3.1	10.1080/10667857.2024.2318886
2484	Reka S.S., Bagelikar A., Venugopal P., Ravi V., Devarajan H.	Deep Learning-Based Classification of Rotten Fruits and Identification of Shelf Life	Computers, Materials and Continua	78	1	781	794	3.1	10.32604/cmc.2023.043369
2485	Maniyar A., Raj P., Srinivas P.S.T.N., Kumar A., Chang-Liao K., Tiwari P.K.	Impact of Process-Induced Inclined Side-Walls on Gate Leakage Current of Nanowire GAA MOSFETs	IEEE Transactions on Electron Devices			1	7	3.1	10.1109/TED.2024.3357434
2486	Hsu C.-Y., Saleh R.O., Pallathadka H., Kumar A., Mansouri S., Bhupathi P., Jasim Ali S.H., Al-Mashhadani Z.I., Alzubaidi L.H., Hizam M.M.	Advances in electrochemical-optical dual-mode biosensors for detection of environmental pathogens	Analytical Methods					3.1	10.1039/d3ay02217j
2487	Gopikrishnan M., Haryini S., George Priya Doss C.	Emerging strategies and therapeutic innovations for combating drug resistance in Staphylococcus aureus strains: A comprehensive review	Journal of Basic Microbiology					3.1	10.1002/jobm.202300579

2488	Aswathy C.S., Roy C.B., Shahina K., Vinod M.P., Biji C.L.	Comparative transcriptomic analysis of rubber (<i>Hevea brasiliensis</i>) clones differing in disease tolerance provides novel insights into the disease response associated with abnormal leaf fall disease caused by <i>Phytophthora meadii</i>	South African Journal of Botany	168		130	150	3.1	10.1016/j.sajb.2024. 03.009
2489	Arunachalam J., Sivaperuman K.	An investigation of the influence of various factors on the electrical performance of a (CuGaS ₂) -based thin-film solar cell using SCAPS-1D software	Optik	303				3.1	10.1016/j.ijleo.2024. 171744
2490	Deheri A., Carmel S.	Do fluctuations in global crude oil prices have an asymmetric effect on oil product pricing in India?	Economic Change and Restructuring	57	1			3.1	10.1007/s10644-024- 09599-9
2491	Mahapatro S.R., Mahapatra S., Govinda A., Mahapatra R.K.	A dynamic optimal decoupling controller design for a multi- variable system with stability analysis: an algebraic approach	International Journal of Modelling and Simulation					3.1	10.1080/02286203.2 024.2331834
2492	Sarker K., Sarkar K., Sarker J., Bhowmik P., Chatterjee D., Goswami S.K.	Power quality investigation with multilevel inverter by photovoltaic-fed dynamic voltage restorer	International Journal of Modelling and Simulation					3.1	10.1080/02286203.2 024.2327647

2493	Somsole L.N., Gopalan V.	Interlaminar shear and impact properties of particle reinforced jute fiber/epoxy hybrid composites	Journal of Reinforced Plastics and Composites					3.1	10.1177/07316844241239470
2494	Murali P., Karuppasamy R.	Exploring the potential of nutraceutical to combat gliomas: focus on mIDH2 protein	Frontiers in Physics	12				3.1	10.3389/fphy.2024.1345834
2495	Pran S.G., Raja S., Jeyasudha S.	Intrusion detection system based on the beetle swarm optimization and K-RMS clustering algorithm	International Journal of Adaptive Control and Signal Processing					3.1	10.1002/acs.3771
2496	Paranthaman P., Veerappapillai S.	Tackling suppressive cancer microenvironment by NARF-derived immune modulatory vaccine and its validation using simulation strategies	Frontiers in Physics	12				3.1	10.3389/fphy.2024.1342115
2497	Wei S., Ma P., Fang Y., Zhang Z., Yang Z., Shi X., Prashanth K.G.	Crack Formation and Control in an AlCoCrFeNi High Entropy Alloy Fabricated by Selective Laser Melting	3D Printing and Additive Manufacturing	11	2	E628	E637	3.1	10.1089/3dp.2022.0142
2498	Xi L., Lu Q., Gu D., Cao S., Zhang H., Kaban I., Sarac B., Prashanth K.G., Eckert J.	Circumventing Solidification Cracking Susceptibility in Al-Cu Alloys Prepared by Laser Powder Bed Fusion	3D Printing and Additive Manufacturing	11	2	E731	E742	3.1	10.1089/3dp.2022.0207

2499	Pavani M., Ashok Kumar A., Rajagopal Reddy V., Kaleemulla S., Janardhanam V., Choi C.-J.	Analysis of photodiode and barrier properties of CoPc/n-Ge heterojunction under various illumination wavelengths	Optik	307				3.1	10.1016/j.ijleo.2024.171811
2500	Kavitha K., Mohanapriya A.	Insights into the structure–function relationship of missense mutations in the human TOP2A protein in ovarian cancer	Frontiers in Physics	12				3.1	10.3389/fphy.2024.1358406
2501	Alphonse S., Verma H.	Facial Expression Recognition with High Response-Based Local Directional Pattern (HR-LDP) Network	Computers, Materials and Continua	78	2	2067	2086	3.1	10.32604/cmc.2024.046070
2502	Abinaya S., Kumar K.U.	Enhancing Multicriteria-Based Recommendations by Alleviating Scalability and Sparsity Issues Using Collaborative Denoising Autoencoder	Computers, Materials and Continua	78	2	2269	2286	3.1	10.32604/cmc.2024.047167
2503	Sivavelu S., Palanisamy V.	Nonparametric Statistical Feature Scaling Based Quadratic Regressive Convolution Deep Neural Network for Software Fault Prediction	Computers, Materials and Continua	78	3	3469	3487	3.1	10.32604/cmc.2024.047407
2504	Chandrashekar C., Krishnadoss P., Poornachary V.K., Ananthakrishnan B.	MCWOA Scheduler: Modified Chimp-Whale Optimization Algorithm for Task Scheduling in Cloud Computing	Computers, Materials and Continua	78	2	2593	2616	3.1	10.32604/cmc.2024.046304

2505	Alphonse S., Abinaya S., Paul S.	Prediction of bandwidth of metamaterial antenna using pearson kernel-based techniques	Computers, Materials and Continua	78	3	3449	3467	3.1	10.32604/cmc.2024.046403
2506	Chandrashekar C., Vijayakumar K.P., Pradeep K., Balasundaram A.	MDCN: Modified Dense Convolution Network Based Disease Classification in Mango Leaves	Computers, Materials and Continua	78	2	2511	2533	3.1	10.32604/cmc.2024.047697
2507	Ajeypasaath K.B., Vetrivelan P.	A Hybrid Machine Learning Approach for Improved QoE in Video Services over 5G Wireless Networks	Computers, Materials and Continua	78	3	3195	3213	3.1	10.32604/cmc.2023.046911
2508	Mittal A., Garg S., Bajpai S.	Grafted barley husk/poly (vinyl alcohol)/starch composite films: effect of fatty acid chain length and grafted barley husk loading	Iranian Polymer Journal (English Edition)					3.1	10.1007/s13726-024-01311-y
2509	Arul Edwin Raj A., Ahmad N.B., Ananiah Durai S.	Breast cancer diagnosis through an optimization-driven multispectral gamma correction (ODMGC)	International Journal of Adaptive Control and Signal Processing					3.1	10.1002/acs.3798
2510	Redhu A., Choudhary P., Srinivasan K., Das T.K.	Deep learning-powered malware detection in cyberspace: a contemporary review	Frontiers in Physics	12				3.1	10.3389/fphy.2024.1349463
2511	Lingadharini P., Shirsat A., Gardi P., Kore S., Joshi V., Patra R., Maji D.	A cost-effective and facile technique for realizing fabric based microfluidic channels using beeswax and PVC stencils	Analytical Methods					3.1	10.1039/d4ay00389f

2512	Ajithkumar M., Lakshminarayana P., Sucharitha G., Vajravelu K.	Investigation of convective peristaltic flow of non-Newtonian fluids through a non-uniform tapered porous conduit with Ohmic heating and viscous dissipation	International Journal of Modelling and Simulation					3.1	10.1080/02286203.2024.2345259
2513	Reddy A.K., Dondapati S.	Improved bioactivity and corrosion resistance of NbO containing plasma electrolytic oxidation coating on ZM21 Mg alloy	Materials Technology	39	1			3.1	10.1080/10667857.2024.2345520
2514	Balasundaram A., Shaik A., Banga J.K., Singh A.K.	U-Net Inspired Deep Neural Network-Based Smoke Plume Detection in Satellite Images	Computers, Materials and Continua	79	1	779	799	3.1	10.32604/cmc.2024.048362
2515	Karthikeyan N., Naveen J.	Progress in adhesive-bonded composite joints: A comprehensive review	Journal of Reinforced Plastics and Composites					3.1	10.1177/07316844241248236
2516	Singh H., Singh M., Nag S., Mohanto S., Jain K., Shrivastav A., Mishra A.K., Pallavi J., Bhunia A., Subramaniyan V., Kumar A., Mishra A.	Isolation and characterization of secondary metabolites from Bryophyllum pinnatum (Lam.) Oken and assessment of wound healing efficacy using animal model	South African Journal of Botany	169		531	542	3.1	10.1016/j.sajb.2024.05.008

2517	Banerjee S., Sarkar A., Rao K.V.B.	Extraction and characterization of carotenoid pigments with antioxidant and antibacterial potential from marine yeast Rhodotorula sp. KSB1	International Microbiology					3.1	10.1007/s10123-024- 00529-3
2518	Sasinthiran A., Gnanasekaran S., Ragala R.	A review of artificial intelligence applications in wind turbine health monitoring	International Journal of Sustainable Energy	43	1			3.1	10.1080/14786451.2 024.2326296
2519	Vijaya S., Kennedy L.J.	Transition Metals Co, Ni, Mn Based Bimetallic Sulfides as an Efficient Electrocatalyst for Hydrogen Evolution Using Graphite Counter Electrode Extracted from Spent Battery	Journal of the Electrochemical Society	171	6			3.1	10.1149/1945- 7111/ad4e72
2520	Kalimuthu K., Shaik S.	Ramadhan effect towards Nifty Shariah indices in India	Journal of Islamic Marketing					3.1	10.1108/JIMA-05- 2023-0142
2521	Ahmed R., Maddikunta P.K.R., Gadekallu T.R., Alshammari N.K., Hendaoui F.A.	Efficient differential privacy enabled federated learning model for detecting COVID-19 disease using chest X-ray images	Frontiers in Medicine	11				3.1	10.3389/fmed.2024. 1409314

2522	Sishu N.K., Selvaraj C.I.	Phytochemistry, pharmacological applications, and therapeutic effects of green synthesized nanomaterials using Cichorium species—a comprehensive review	Naunyn-Schmiedeberg's Archives of Pharmacology					3.1	10.1007/s00210-024-03221-5
2523	Govind K. R A., Mahapatra S., Mahapatro S.R.	A decentralized optimal PID controller with disk margin-based robust stability analysis for higher-order industrial systems	International Journal of Modelling and Simulation					3.1	10.1080/02286203.2024.2377894
2524	Subramani S., Selvi M.	Intrusion detection system and fuzzy ant colony optimization based secured routing in wireless sensor networks	Soft Computing					3.1	10.1007/s00500-024-09795-9
2525	Pavithra S., Jaladi D., Tamilarasi K.	Optical imaging for diabetic retinopathy diagnosis and detection using ensemble models	Photodiagnosis and Photodynamic Therapy	48				3.1	10.1016/j.pdpdt.2024.104259
2526	Pujari H.K., Rudramoorthy M., Gopi R R., Mishra S., Alluraiah N.C., N. B V.	Optimal reconfiguration, renewable DGs, and energy storage units' integration in distribution systems considering power generation uncertainty using hybrid GWO-SCA algorithms	International Journal of Modelling and Simulation					3.1	10.1080/02286203.2024.2363605

2527	Kumari M., Tetala K.K.R.	Preparation, characterization and application of boronic acid functionalized porous polymer for glycoproteins enrichment from biological samples	Polymer Bulletin					3.1	10.1007/s00289-024-05377-9
2528	Calolsa R.S., Sumangala T.P., Kalpathy S.K., Thomas T., Kahaly M.U., Rahaman A.	Silver nanoparticles incorporated polydimethylsiloxane nanocomposite film as hydrophobic infrared filters	Polymers for Advanced Technologies	35	7			3.1	10.1002/pat.6511
2529	Sridharan S., Venkataraman S., Raman M., Raja S.P.	Early Prognostics of Remaining Useful Life in Lithium Ion Batteries Using Hybrid LSTM-Att-MLP Model with Fusing Aging Information	Journal of the Electrochemical Society	171	8			3.1	10.1149/1945-7111/ad6d94
2530	Kamath C., Alur S.	Internet memes and social media marketing: a review of theories	Online Information Review					3.1	10.1108/OIR-11-2023-0584
2531	Gomathinayagam S., Srinivasan R., Gomathi A., Jayaraj R., Vasconcelos V., Sudhakaran R., Easwaran N., Meivelu Moovendhan, Kodiveri Muthukaliannan G.	Oral Administration of Carotenoid-Rich Dunaliella salina Powder Inhibits Colon Carcinogenesis via Modulation of Wnt/ β -catenin Signaling Cascades in a Rat Model	Applied Biochemistry and Biotechnology					3.1	10.1007/s12010-024-05024-z

2532	Nangia A., Saravanan J.S., Hazra S., Priya V., Sudesh R., Rana S.S., Ahmad F.	Exploring the clinical connections between epilepsy and diabetes mellitus: Promising therapeutic strategies utilizing agmatine and metformin	Naunyn-Schmiedeberg's Archives of Pharmacology					3.1	10.1007/s00210-024-03295-1
2533	Alkhalefah H., Preethi D., Khare N., Abidi M.H., Umer U.	Deep learning infused SIRVD model for COVID-19 prediction: XGBoost-SIRVD-LSTM approach	Frontiers in Medicine	11				3.1	10.3389/fmed.2024.1427239
2534	Reddy M.V., Vajravelu K., Ajithkumar M., Sucharitha G., Lakshminarayana P.	Numerical treatment of entropy generation in convective MHD Williamson nanofluid flow with Cattaneo–Christov heat flux and suction/injection	International Journal of Modelling and Simulation					3.1	10.1080/02286203.2024.2405714
2535	Kotey S., T S.	Exploring apprentice selection by skilled trade artisans in the Ghanaian construction industry	Construction Innovation					3.1	10.1108/CI-04-2023-0076
2536	Okulov A.; Iusupova O.; Liu K.; Li J.; Stepchenkov A.; Zavalishin V.; Korkh Y.; Kuznetsova T.; Mugada K.K.; Moganraj A.	Micromechanical and Tribological Performance of Laser-Cladded Equiatomic FeNiCr Coatings Reinforced with TiC and NbC Particles	Materials	17	19			3.1	10.3390/ma17194686

2537	Sultana S.; Chandan M.	Enhanced EMI Shielding Efficiency of Graphene Nanoplatelets and Glass Sphere Composite-Loaded Ultralight Weight Flexible Polyurethane Foam	Polymers for Advanced Technologies	35	10			3.1	10.1002/pat.6611
2538	Aharonu M.; Ramasamy L.K.	An intelligent generative adversarial network multistage lung cancer detection and subtypes classification	International Journal of Machine Learning and Cybernetics	0	0	0	0	3.1	10.1007/s13042-024-02484-x
2539	Taneja A.; Kumar G.	Attention-CNN-LSTM based intrusion detection system (ACL-IDS) for in-vehicle networks	Soft Computing	28	23	13429	13441	3.1	10.1007/s00500-024-10313-0
2540	Nalaeram Sivaram R.; Thiagamani S.M.K.; Ebrahimnezhad-Khaljiri H.; Subramaniam J.; Krishnasamy S.; Muthukumar C.; Thanh M.N.T.; Khan A.	Enhanced thermal and mechanical properties of sapodilla/PLA biocomposites using filament extrusion 3D printing	Functional Composites and Structures	6	4	0	0	3.1	10.1088/2631-6331/ad9a83
2541	Priyadarshini M.; Raj N.A.N.	Green synthesis and in vitro photodynamic efficacy of hypericin: Cytotoxicity assessment on MCF-7 breast cancer cells	Photodiagnosis and Photodynamic Therapy	50	0	0	0	3.1	10.1016/j.pdpdt.2024.104411
2542	Gnanasekaran A., Eswaramoorthy N., Rengasamy M., Elangovan V., Rajaram K.	Ni-Co co-doped SnO2 nanomaterial coated polyurethane foam as a cost-efficient interfacial evaporator for solar steam generation	Materials Letters	357				3	10.1016/j.matlet.2023.135688

2543	Akhdar H., Nataraj S.K., Alinad T., Sivanesan T., Alanazi N., Alodhayb A.N.	Blood component detection using photonic crystal fibre sensor	Optical and Quantum Electronics	56	1			3	10.1007/s11082-023-05621-y
2544	Deepa K.R., Padma S., Sridevi S., Ayyanar N.	Design of THz photonic crystal fiber based biosensor for detection of brain tissues and behavior characterization with Machine learning approach	Optical and Quantum Electronics	56	3			3	10.1007/s11082-023-06110-y
2545	Rupa M.L., Aruna K.	Optical solitons of time fractional Kundu–Eckhaus equation and massive Thirring system arises in quantum field theory	Optical and Quantum Electronics	56	3			3	10.1007/s11082-023-05914-2
2546	Muniyappan A., Parasuraman E., Seadawy A.R., Ramkumar S.	Formation of solitons with shape changing for a generalized nonlinear Schrödinger equation in an optical fiber	Optical and Quantum Electronics	56	3			3	10.1007/s11082-023-05965-5
2547	Gnanasekaran P., Varunkumar K.A., Rajendran N., Priyadarshini R., Macherla S.	Optoelectronic-aided machine learning-based stable routing protocol for MANET and beyond massive MIMO systems in 5G networks	Optical and Quantum Electronics	56	3			3	10.1007/s11082-023-06106-8
2548	Divya K., Kannadasan R.	A systematic review and applications of how AI evolved in healthcare	Optical and Quantum Electronics	56	3			3	10.1007/s11082-023-05798-2

2549	Dua A., Ramasamy S.K., Ashok Kumar S.K., Roy S., Sharma H.K.	Co-crystal of caffeic acid and bipyridyl ethylene as a selective fluorescence sensor for Al ³⁺ and its coordination geometry – Combined experimental and theoretical investigations	Materials Letters	357				3	10.1016/j.matlet.2023.135722
2550	Janakiraman K., Swamiappan S.	Synthesis of hydroxyapatite via sol–gel combustion route: A comparative analysis of single and mixed fuels	Materials Letters	357				3	10.1016/j.matlet.2023.135731
2551	Hiremath V.S., Reddy D.M.	Effect of CFRP pin reinforcement and manufacturing technique on shear and dynamic properties of flat-joggle-flat composite joints	Materials Letters	357				3	10.1016/j.matlet.2023.135733
2552	Thirunavukarasu A., Sikarwar R.S.	Enhancing the strength of adhesively bonded single-lap composite joints using fiber fabrics	Materials Letters	357				3	10.1016/j.matlet.2023.135664
2553	Sirisha Mrunalini L.N., Arun M.	Reconfigurable fork shaped plasmonic graphene based nano-patch antenna for wireless network-on-chip application in THz band	Optical and Quantum Electronics	56	2			3	10.1007/s11082-023-05895-2
2554	Prakash P., Prabu P., Sakthivel V., Sivakumar R.	An efficient deep learning based stress monitoring model through wearable devices for health care applications	Optical and Quantum Electronics	56	2			3	10.1007/s11082-023-05801-w

2555	Chithambaram K., Senthilnathan N.	Effects of printing parameters on hardness and wear characteristics of 3D printed polyetheretherketone (PEEK) polymer	Materials Letters	356				3	10.1016/j.matlet.2023.135588
2556	Kundu D., Hossain M.S., L T.M., Sahoo S., Karthikeyan S., Ramkumar G., Gopalan A., Prakash P., Ferdous A.H.M.I., Hossain S., Rashed A.N.Z.	Terahertz Square Core Photonic Crystal Fiber Sensor: Revolutionizing Efficient Blood Cell Detection Through Refractive Index Sensing Based on Surface-Enhanced Spectroscopic Properties	Plasmonics					3	10.1007/s11468-023-02182-4
2557	Sekar V., Narenkumar J., Rajasekar A., Santhanam A., Velmurugan P., Khan M.M., Basavegowda N.	HAP-Based Nanocomposite and Vitamin C for Sustained Drug Delivery of Amoxicillin	BioNanoScience					3	10.1007/s12668-023-01285-w
2558	Nivethitha V., Sivasubramanian A.	Design and simulate the demultiplexer using photonic crystal ring resonator for DWDM system	Optical and Quantum Electronics	56	1			3	10.1007/s11082-023-05575-1
2559	Markkandan S., Aggarwal K., Ashok K., Selvakumarasamy K., Kaushal R.K., Jadhav M.M.	Design of precoder for a MIMO–NOMA system using Gaussian mixture modelling	Optical and Quantum Electronics	56	1			3	10.1007/s11082-023-05655-2

2560	Paranthaman R.N., Sonker A., Varalakshmi S., Madiajagan M., Daya Sagar K.V., Malathi M.	Reinforcement learning-based model for the prevention of beam-forming vector attacks on massive MIMO system	Optical and Quantum Electronics	56	1			3	10.1007/s11082-023- 05660-5
2561	Muthu S.M., Veeman D., Vijayakumar A., Senthur Prabu S., Sujai S., Arvind M., Gobinath E.	Evaluation of metallurgical and mechanical characteristics of the ferritic stainless steel AISI 430 produced by GTAW-based WAAM	Materials Letters	354				3	10.1016/j.matlet.20 23.135362
2562	Priya S S., Suseem R.	Plant-based carbon dots are a sustainable alternative to conventional nanomaterials for biomedical and sensing applications	Nano Express	5	1			3	10.1088/2632- 959X/ad100c
2563	Sett A., Gadewar M., Babu M.A., Panja A., Sachdeva P., Almutary A.G., Upadhye V., Jha S.K., Jha N.K.	Orchestration and theranostic applications of synthetic genome with Hachimoji bases/building blocks	Chemical Biology and Drug Design	103	1			3	10.1111/cbdd.14378
2564	Prathivraj S., Oyyaravelu R.	Effect of interpass temperature on austenite ferrite ratio of wire arc additive manufactured 2507 Super Duplex Stainless Steel	Materials Letters	361				3	10.1016/j.matlet.20 24.136125

2565	Lakshmanan A., Surendran P., Sakthy Priya S., Balakrishnan K., Rameshkumar P., Kannan K., Mahalakshmi K., Gayathri V., Vinitha G.	Investigations on structural, dielectric, and third-order nonlinear optical studies of Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ nanoparticles by microwave combustion method with different fuels (glycine, urea and citric acid)	Materials Letters	360					3	10.1016/j.matlet.2024.135973
2566	Gowdhami D., Balaji V.R.	Analysis and design of photonic crystal malaria biosensor with double nanohole cavity resonator with ultra-high-quality factor	Optical and Quantum Electronics	56	4				3	10.1007/s11082-023-06225-2
2567	Satheeshkumar P., Immanuel Selwynraj A.	Development and testing of silica gel with graphite powder composite adsorbent for cooling applications	Materials Letters	360					3	10.1016/j.matlet.2024.135979
2568	Gayatri E., Aarthy S.L.	Reduction of overfitting on the highly imbalanced ISIC-2019 skin dataset using deep learning frameworks	Journal of X-Ray Science and Technology	32	1	53	68		3	10.3233/XST-230204
2569	Sivanantham A., Rao I.S.	Polarization Insensitive Absorber with Wide Angular Stability Using Inclined Meander Line Resonators	Plasmonics						3	10.1007/s11468-024-02220-9

2570	Shende A., Chidambaram R.	Microwave-assisted synthesis, characterization, and application of tragacanth gum grafted copolymer as bioflocculant for the treatment of textile wastewater using coagulation-flocculation technique: Swelling behavior and biodegradation studies	Journal of Applied Polymer Science					3	10.1002/app.55247
2571	Thayyib P.V., Anwar I., M. M S., Yasin N., Thabit Yahya A.	Brand expertise, impulsiveness and materialism aggravate unhealthy food products buying among young adults despite pricing and sin tax interventions	Cogent Business and Management	11	1			3	10.1080/23311975.2023.2296147
2572	Van Nguyen M.-S., Do D.-T., Tin P.T., Imoize A.L., Kumaravelu V.B.	Full duplex reconfigurable intelligent surfaces system relying on NOMA and wireless power transfer	Wireless Networks					3	10.1007/s11276-023-03639-4
2573	Chellapandi T., Subramanian A., Madhumitha G., Elamathi M., Mohana Roopan S.	Interface engineering of 1D/2D FeVO ₄ /MoS ₂ heterostructured nanocomposite with effective interfacial charge transfer: Facile synthesis and antibiotic drug degradation	Materials Letters	363				3	10.1016/j.matlet.2024.136322

2574	Muniyappan A., Parasuraman E., Seadawy A.R., Sudharsan J.B.	Chirped dark soliton propagation in optical fiber under a self phase modulation and a self-steepening effect for higher order nonlinear Schrödinger equation	Optical and Quantum Electronics	56	5			3	10.1007/s11082-024- 06358-y
2575	Venkatesan M., Mani P.	Development of secure and authentic access controlling techniques using the pushback request response (PRR) approach for blockchain healthcare applications	Optical and Quantum Electronics	56	5			3	10.1007/s11082-024- 06656-5
2576	Pavani K., Raghavendar K., Aruna K.	Soliton solutions of the time- fractional Sharma–Tasso–Olver equations arise in nonlinear optics	Optical and Quantum Electronics	56	5			3	10.1007/s11082-024- 06384-w
2577	Jagadesh Kumar C.M., Ganesh Karthik A.R.G., Arulvel S., Prayer Riju R., Burduk A., Jeyapandiarajan P.	The effect of abrasive water jet peening and laser shock peening on the wear properties of direct metal laser sintered AlSi10Mg alloy	Materials Letters	362				3	10.1016/j.matlet.20 24.136170
2578	Philip A., Kumar A.R.	Solvent effects on the electrochemical performance of few layered MoS2 electrodes fabricated using FTO substrates	Nano Express	5	1			3	10.1088/2632- 959X/ad2b82

2579	Hiremath V.S., Reddy M.D., Reddy R.M., Naveen J., Chand R.P.	Enhancing shear strength in 3D printed single lap composite joints: A multi-faceted exploration of GNP integration, print orientation, utilizing artificial neural networks, and dynamic analysis	Journal of Applied Polymer Science					3	10.1002/app.55469
2580	Idhaya T., Suruliandi A., Raja S.P.	A Comprehensive Review on Machine Learning Techniques for Protein Family Prediction	Protein Journal					3	10.1007/s10930-024-10181-5
2581	Chaitanyakumar A., Somu P., Srinivasan R.	Expression and Immobilization of Tannase for Tannery Effluent Treatment from Lactobacillus plantarum and Staphylococcus lugdunensis: A Comparative Study	Applied Biochemistry and Biotechnology					3	10.1007/s12010-024-04861-2
2582	Singh S., Arackal Narayanan J., Dehgahi S., Qureshi A.J., Palani I.A., Paul C.P., Prashanth K.G.	Revealing the impact of Hot Isostatic Pressing temperature on the microstructure and mechanical characteristics of Selective Laser Melted CuAlNiMn shape memory alloy	Materials Letters	365				3	10.1016/j.matlet.2024.136452
2583	Thiruppathi P., Balasubrahmaniam L.D., Manoharan K.G., Ananthakirupa Balasubramanian A.A.	Multiband plasmonic MIMO antenna array for 6G communications	Optical and Quantum Electronics	56	6			3	10.1007/s11082-024-06835-4

2584	Parveen Banu M., Jothilakshmi R., Radha Rammohan S., Vijay Anand R., Anandan P., Aly M.H.	Integration of 5G technologies for enhanced performance in optical network communication with channel allocation and reallocation	Optical and Quantum Electronics	56	6			3	10.1007/s11082-024- 06808-7
2585	Farooq M., Thulasiraman A.V., Manzoor Z., Tripathi S., Nisa F.U., Farooq A., Rasool S., Akhoun R.H., Shah M.Y., Gani K.M.	Comprehensive characterization of unscientifically disposed municipal solid waste (MSW) in Kashmir Region, India	Environmental Monitoring and Assessment	196	5			3	10.1007/s10661-024- 12581-7
2586	Shreya K., Shaik E.H., Balaji V.R., Dhanabalan S.S., Sridarshini T., Hegde G.	PhC structure for high contrast XOR/OR/NOT logic	Optical and Quantum Electronics	56	5			3	10.1007/s11082-024- 06748-2
2587	Upender P.	Graphene-infused multi-port circularly polarized dielectric resonator antenna with polarization switching	Optical and Quantum Electronics	56	5			3	10.1007/s11082-024- 06801-0
2588	Nithin Mithra S., Ahankari S.S.	Biogas purification by CO2 removal using facilitated transport mechanism of cellulose nanocrystals/polyvinyl alcohol layered hollow fiber membranes	Journal of Applied Polymer Science					3	10.1002/app.55536
2589	Jayashree S., Kumar S.V.N.S.	An efficient group signature based certificate less verification scheme for vehicular ad-hoc network	Wireless Networks					3	10.1007/s11276-024- 03709-1

2590	Chanchal K., Singh K.S.	Role of high-resolution modeling system in prediction of heavy rainfall events over Tamil Nadu and Kerala on different global/regional datasets	Modeling Earth Systems and Environment					3	10.1007/s40808-024-01979-4
2591	Nallakaruppan N., Thiagarajan K.	In vitro elicitation of anthraquinones—a review	Plant Cell, Tissue and Organ Culture	156	3			3	10.1007/s11240-024-02691-y
2592	Thirunavukarasu A., Sikarwar R.S.	Influence of meshes on mechanical performance and stiffness of single-lap adhesive bonded composite joints	Materials Letters	367				3	10.1016/j.matlet.2024.136587
2593	Salaimanimagudam M.P., Jayaprakash J.	Effect of introducing dummy layers on interlayer bonding and geometrical deformations in concrete 3D printing	Materials Letters	366				3	10.1016/j.matlet.2024.136575
2594	Prabu S.S., S M M., N B., Sujai S., M A., K K., Chandran P M M., Ramkumar S.	Microstructure and mechanical assessment of Inconel 625 and AISI 904L dissimilar joints using high-density welding technique for pressure vessels	International Journal of Pressure Vessels and Piping	209				3	10.1016/j.ijpvp.2024.105191

2595	Priya R.L., Thaiparambil N.A., Vidya R., Bhuvanewari C., Paunkumar P., Sudhakaran R., Kariyanna B., Karthi S., Babu S.G.	Studying the Efficacy of Copper Oxide Loaded Graphitic Carbon Nitride Nanosheets on VEGF-Induced Angiogenesis in Chick Chorioallantoic Membrane (CAM Assay) In Vivo Studies and Cytotoxicity in Human Hep3B Liver Cancer Cell Lines	BioNanoScience					3	10.1007/s12668-024- 01424-x
2596	Naik N., Chandrasekaran K., Meenakshi Sundaram V., Panneer P.	Assessment of land use and land cover change detection and prediction using deep learning techniques for the southwestern coastal region, Goa, India	Environmental Monitoring and Assessment	196	6			3	10.1007/s10661-024- 12598-y
2597	Jithendra T., Basha S.S., Das R.	Modelling atmospheric pressure through the hybridization of an ANFIS using IOWA and a snake optimizer	Modeling Earth Systems and Environment					3	10.1007/s40808-024- 02015-1
2598	Praveena S., Senthilnathan K.	Performance Enhancement of Gold Coated D-shaped PCF Sensor Using Monolayer MoS2	Plasmonics					3	10.1007/s11468-024- 02339-9
2599	Kumar G., Kothandaraman S., Karuppanan K., Hussain S.	Groundwater Quality and Suitability Assessment in Tirupur Region, Tamil Nadu, India	Journal of Chemistry	2024				3	10.1155/2024/6083 772

2600	Mathesh G., Saravanakumar R., Salgotra R.	Novel Machine Learning Control for Power Management Using an Instantaneous Reference Current in Multiple-Source- Fed Electric Vehicles	Energies	17	11			3	10.3390/en1711267 7
2601	Sundar S., Subramanian S., Mahmud M.	Classification of Diabetic Retinopathy Disease Levels by Extracting Spectral Features Using Wavelet CNN	Diagnostics	14	11			3	10.3390/diagnostics 14111093
2602	Bhansali A., Rekha P.M., Shahapure N.H., Pallavi G.B., Punitha K., Surendrarao Honnahalli S.	3D mask based lung function monitoring system using machine learning for early identification of lung disorders	International Journal of Imaging Systems and Technology	34	4			3	10.1002/ima.23092
2603	Prasad M.H., Swarnalatha P.	Marine predators optimization with deep learning model for video- based facial expression recognition	Expert Systems					3	10.1111/exsy.13657
2604	Geetha R., Jegatheesan A., Dhanaraj R.K., Vijayalakshmi K., Nayyar A., Arulkumar V., Velmurugan J., Thavasimuthu R.	CVS-FLN: a novel IoT-IDS model based on metaheuristic feature selection and neural network classification model	Multimedia Tools and Applications					3	10.1007/s11042-024- 19617-7
2605	Aruna Sri P., Santhi V.	Enhanced land use and land cover classification using modified CNN in Uppal Earth Region	Multimedia Tools and Applications					3	10.1007/s11042-024- 19439-7

2606	S S.K., Ahmed S.T., Fathima A.S., Mathivanan S.K., Jayagopal P., Saif A., Gupta S.K., Sinha G.	iLIAC: An approach of identifying dissimilar groups on unstructured numerical image dataset using improved agglomerative clustering technique	Multimedia Tools and Applications					3	10.1007/s11042-024- 19545-6
2607	Satheesh Kumar E., Sundar S.	Kalman filter-based deep fused architecture for knee angle estimation	Multimedia Tools and Applications					3	10.1007/s11042-024- 19483-3
2608	Bhangale K.B., Kothandaraman M.	A novel two-way feature extraction technique using multiple acoustic and wavelets packets for deep learning based speech emotion recognition	Multimedia Tools and Applications					3	10.1007/s11042-024- 19674-y
2609	U S., K A., Jhunjunwala R., Satpathy P., R A.	Fault classification and identification through machine learning approaches for a solar PV – battery based water pumping system	Multimedia Tools and Applications					3	10.1007/s11042-024- 19593-y
2610	Dhivya R., Kumar J.S., Haritha S.S., Vidhya J.A., Sharma H., Thanikiselman V., Mahalingam H., Amirtharajan R.	Integration of Blockchain for securing the transactions in Supply Chain Management	Multimedia Tools and Applications					3	10.1007/s11042-024- 19540-x
2611	Revathi R., Poornima T.	Unsteady Convection and Stefan Blowing Influence on Sutterby Nanofluid Past Stretching Surface	BioNanoScience					3	10.1007/s12668-024- 01427-8

2612	Sowmiya C., Kumar B.R., Bég O.A., Kuharat S.	Modeling and analysis of MHD free convective thermo-solutal transport in cassin fluid flow with radiative heat flux	Journal of Thermal Analysis and Calorimetry					3	10.1007/s10973-024-13115-6
2613	Rao D.P., Krishnasamy V.D., Selvaraju M., Sundramurthy V.P., Kandavalli S.R., Chitra M.S., Sivasamy N., Thirumoorthy P.	Adsorptive removal of cadmium from electroplating wastewater using hybrid composite of thiol-grafted seed gum of Tamarindus indica and Teff hay biocarbon	Zeitschrift fur Physikalische Chemie					3	10.1515/zpch-2024-0715
2614	Arulkumar V., Aruna M., Prakash D., Amanullah M., Somasundaram K., Thavasimuthu R.	A novel cloud-assisted framework for consumer internet of things based on lanner swarm optimization algorithm in smart healthcare systems	Multimedia Tools and Applications	83	26	68155	68179	3	10.1007/s11042-024-18846-0
2615	Kinikar M., Saleena B.	Automatic Query Generation Based on Adaptive Naked Mole-Rate Algorithm	Multimedia Tools and Applications					3	10.1007/s11042-024-19492-2
2616	Kandavalli S.R., Sundramurthy V.P., Krishnasamy V.D., Prasad G.N.R., Kasi U.K., Rajesh S., Rajesh Kumar B., Selvaraju M., Kadaikunnan S., Khaled J.M.	Bioresin based hybrid green composite preparation using Holoptelea integrifolia fibers reinforced by Ziziphus jujuba seed particles: A fuzzy logic assisted optimization of mechanical behaviour	Zeitschrift fur Physikalische Chemie					3	10.1515/zpch-2024-0837

2617	Anusha N., Tapas Bapu B.R., Selvakumaran S., Vijayaraj A., Ramesh Kumar C., Raji P.	Cyber intrusion detection using dual interactive Wasserstein generative adversarial network with war strategy optimization in wireless sensor networks	Multimedia Tools and Applications					3	10.1007/s11042-024-19754-z
2618	Ranjith J., Sarobin V.R., Bhargavi R.C.	Dual strategy for single image denoising and generation using deep neural network	Multimedia Tools and Applications					3	10.1007/s11042-024-19753-0
2619	Pazhani A., Salman S.S., Venkatraman M., Patel A., Xavior M.A., Batako A., Paulsamy J., Jayaseelan J.	Dynamic FEA Analysis of the Super Lightweight External Cryogenic Fuel Tank (SLWT) Made of Aluminium Alloy 2195–Graphene Nano Composite for Launch Vehicle Aerospace Application	Journal of Composites Science	8	7			3	10.3390/jcs8070260
2620	Gundamraj S., Devaraj K.B., Harinathan B., Banerjee A., Yoganandan N., Vedantam A.	Effect of sagittal alignment on spinal cord biomechanics in the stenotic cervical spine during neck flexion and extension	Biomechanics and Modeling in Mechanobiology					3	10.1007/s10237-024-01866-y
2621	Shedole S.M., Santhi V.	Hybrid deep learning based digital image watermarking using GAN-LSTM and adaptive gannet optimization techniques	Multimedia Tools and Applications					3	10.1007/s11042-024-19784-7

2622	Ilango M.S., Lakshminarayana P.	Induced magnetic field and Soret–Dufour effects on viscous dissipative Casson fluid flow through porous medium over a stretching sheet	Journal of Thermal Analysis and Calorimetry					3	10.1007/s10973-024-13352-9
2623	Ramamurthy K., Thayumanaswamy I., Radhakrishnan M., Won D., Lingaswamy S.	Integration of Localized, Contextual, and Hierarchical Features in Deep Learning for Improved Skin Lesion Classification	Diagnostics	14	13			3	10.3390/diagnostics14131338
2624	Henge S.K., Rajakumar R., Prasanna P., Parivazhagan A., Hu Y.-C., Chen W.-L.	Multi-layered access control based auto tuning relational key implications in enterprise-level multi-tenancy	Multimedia Tools and Applications					3	10.1007/s11042-024-19306-5
2625	Varatharaj K., Tamizharasi R., Sivaraj R., Vajravelu K.	Simulation of MHD-Casson hybrid nanofluid dynamics over a permeable stretching sheet: effects of heat transfer and thermal radiation	Journal of Thermal Analysis and Calorimetry					3	10.1007/s10973-024-13347-6
2626	Pedapati P.R., Dhanushkodi S.R., Chidambaram R.K., Taler D., Sobota T., Taler J.	Design and Manufacturing Challenges in PEMFC Flow Fields—A Review	Energies	17	14			3	10.3390/en17143499
2627	Aashiq Banu S., Rao L.K., Priya P.S., Thanikaiselvan, Hemalatha M., Dhivya R., Rengarajan A.	A Review of Genome to Chaos: Exploring DNA Dynamics in Security	Multimedia Tools and Applications					3	10.1007/s11042-024-20074-5

2628	V T., Y P., S R.D., Shanthini S.S., Mahalingam H., S A.B., R D., V.M P., Amirtharajan R.	An authenticated spectrum acquirement and transmission of encrypted images over fusion centre	Multimedia Tools and Applications					3	10.1007/s11042-024- 19985-0
2629	Kaviya Elakkiya M., Dejey	Classification of autistic subjects employing modified volume local binary pattern (MVLBP) and stacked Autoencoder (SAE) on functional magnetic resonance imaging (fMRI)	Multimedia Tools and Applications					3	10.1007/s11042-024- 19881-7
2630	Kalamkar S., Amalanathan G.M.	MDA-ViT: Multimodal image fusion using dual attention vision transformer	Multimedia Tools and Applications					3	10.1007/s11042-024- 19968-1
2631	Mothilal M., Kumar A.	Optimization of friction stir welding process parameter in the joining of AA7075- T6/AA5083-O dissimilar aluminum alloy using response surface methodology	International Journal of Pressure Vessels and Piping	211				3	10.1016/j.ijpvp.2024 .105282
2632	Rajeswari P.M., De P.	Shape Factor and Sensitivity Analysis on Stagnation Point of Bioconvective Tetra-hybrid Nanofluid over Porous Stretched Vertical Cylinder	BioNanoScience					3	10.1007/s12668-024- 01586-8

2633	Raghu A., Gajjela N., Aruna J., Niranjana H.	Significance of modified Fourier heat flux on Maxwell hybrid (Cu-Al ₂ O ₃ /H ₂ O) nanofluid transport past an inclined stretching cylinder	Journal of Thermal Analysis and Calorimetry					3	10.1007/s10973-024-13391-2
2634	Chidambaram R.K., Pedapati P.R., Kanna P.R., Taler D., Sobota T., Taler J.	Structural assessment of electric two-wheeler battery enclosure: thermal and structural study	Journal of Thermal Analysis and Calorimetry					3	10.1007/s10973-024-13458-0
2635	Arockiaraj M., Paul D., Rahul M.P., Clement J., Tigga S., Balasubramanian K.	Topological and Entropy Indices in QSPR Studies of N-Carboxyphene Covalent Organic Frameworks	BioNanoScience					3	10.1007/s12668-024-01546-2
2636	R H., B L., Krishnamurthy V.	TransEffiVisNet – an image captioning architecture for auditory assistance for the visually impaired	Multimedia Tools and Applications					3	10.1007/s11042-024-20036-x
2637	Shruthi Priya G., Sathish A.S.	Storytelling alchemy in marketing: unveiling future research directions with ADO TCM framework	Cogent Business and Management	11	1			3	10.1080/23311975.2024.2392257
2638	Srikrishnan G., Shenbagamuthuraman V., Ağbulut Ü., Mishra I., Jain J., Balusamy S., Chinnadurai K., Chatterjee D., Shankar E., Shaik S., Hoang A.T., Saleel C.A., Khan S.A., Kasianantham N.	Alcohol fuels in SI engines: a comprehensive state-of-the-art review on combustion, performance, and environmental impacts	Journal of Thermal Analysis and Calorimetry					3	10.1007/s10973-024-13544-3

2639	Ramaiah M., Ravi V., Chandrasekaran V., Mohanraj V., Mani D., Maruthamuthu A.	An efficient iterative pseudo point elimination technique to represent the shape of the digital image boundary	Multimedia Tools and Applications					3	10.1007/s11042-024-20183-1
2640	Gaddala B., Devi K.V., Balakrishnan V., Sundramurthy V.P., Hariprabhu M., Mayakannan S., Kadaikunnan S., Khaled J.M.	Evaluation of detoxification performance of Pithecellobium dulce seed pod powder upon acid treatment: Removal of reactive red 195-A dye and kinetic analysis	Zeitschrift fur Physikalische Chemie					3	10.1515/zpch-2024-0879
2641	M.A S., Agrawal R., Syed R.T., Arumugam T., K P.	Impact of sustainability education on senior student attitudes and behaviors: evidence from India	International Journal of Sustainability in Higher Education					3	10.1108/IJSHE-01-2024-0024
2642	Kaliappan J., Saravana Kumar I.J., Sundaravelan S., Anesh T., Rithik R.R., Singh Y., Vera-Garcia D.V., Himeur Y., Mansoor W., Atalla S., Srinivasan K.	Analyzing classification and feature selection strategies for diabetes prediction across diverse diabetes datasets	Frontiers in Artificial Intelligence	7				3	10.3389/frai.2024.1421751
2643	Tamilarasan S.K., Jose J., Boopalan V., Chen F., Arumugam S.K., Ramachandran J.C., Parthasarathy R.K., Taler D., Sobota T., Taler J.	Recent Developments in Supercritical CO2-Based Sustainable Power Generation Technologies	Energies	17	16			3	10.3390/en17164019

2644	Bhuvaneshwari K.; Varalakshmi M.	Efficient incremental training using a novel NMT-SMT hybrid framework for translation of low-resource languages	Frontiers in Artificial Intelligence	7				3	10.3389/frai.2024.1381290
2645	Das S.; Ramanathan G.	Assessing the Inhibitory Potential of Pregnenolone Sulfate on Pentraxin 3 in Diabetic Kidney Disease: A Molecular Docking and Simulation Study	Journal of Cellular Biochemistry					3	10.1002/jcb.30661
2646	G S.; Polisetty A.; Jha R.; Keswani S.	Exploring innovation resistance in tourism: barriers to metaverse adoption among tourists	Cogent Business and Management	11	1			3	10.1080/23311975.2024.2400309
2647	Baburao G.; Esakkimuthu A.; Ragupathy G.	Comparative analysis of red and blue-shifting hydrogen bonds in 1:1 haloform complexes	Computational and Theoretical Chemistry	1242	0	0	0	3	10.1016/j.comptc.2024.114935
2648	Sunderraj N.; Dhanushkodi S.R.; Chidambaram R.K.; W?glowski B.; Skrzyniowska D.; Schmid M.; Fowler M.W.	Development of Semi-Empirical and Machine Learning Models for Photoelectrochemical Cells	Energies	17	21	0	0	3	10.3390/en17215313
2649	Babu V H.; Sahayam D B.	Exploring challenges faced by human resource managers during the COVID-19 pandemic: insights from a qualitative case study in chennai	Cogent Business and Management	11	1	0	0	3	10.1080/23311975.2024.2427843

2650	Jayaprakash R.; Natarajan K.; Daniel J.A.; Chinnappan C.V.; Giri J.; Qin H.; Mallik S.	Heuristic machine learning approaches for identifying phishing threats across web and email platforms	Frontiers in Artificial Intelligence	7	0	0	0	3	10.3389/frai.2024.1414122
2651	Arul?Edwin?Raj A.; Ahmad N.; Ananiah?Durai S.; Renugadevi R.	Integrating VGG 19 U-Net for Breast Thermogram Segmentation and Hybrid Enhancement With Optimized Classifier Selection: A Novel Approach to Breast Cancer Diagnosis	International Journal of Imaging Systems and Technology	34	6	0	0	3	10.1002/ima.23210
2652	Suganthi Evangeline C.; Lenin A.; Kumaravelu V.B.	Seamless Connectivity with Fuzzy Based Unmanned Aerial Vehicle for VANET in Congested Zone	Unmanned Systems	0	0	0	0	3	10.1142/S2301385025500797
2653	Arora L.; Choudhary A.; Bhatt M.; Kaliappan J.; Srinivasan K.	A comprehensive review on NUI, multi-sensory interfaces and UX design for applications and devices for visually impaired users	Frontiers in Public Health	12	0	0	0	3	10.3389/fpubh.2024.1357160
2654	Nandan P.K.; Job A.T.; Ramasamy T.	DRP1 Association in Inflammation and Metastasis: A Review	Current drug targets	25	13	909	918	3	10.2174/0113894501304751240819111831
2655	Gupta N.; Arunachalam S.	Assessment of human health risks posed by toxic heavy metals in Tilapia fish (Oreochromis mossambicus) from the Cauvery River, India	Frontiers in Public Health	12	0	0	0	3	10.3389/fpubh.2024.1402421
2656	Sasithradevi A.; Nathan S.; Persiya J.; Mansoor Roomi S.M.; Prakash P.	Enhancing busbar safety: a smart thermal imaging pipeline for real-time load monitoring	Nondestructive Testing and Evaluation	0	0	0	0	3	10.1080/10589759.2024.2436114

2657	Sewatkar R.M.; Y A.V.P.	MeVs-deep CNN: optimized deep learning model for efficient lung cancer classification	Multimedia Tools and Applications	0	0	0	0	3	10.1007/s11042-024-20230-x
2658	Karthiga R.; Narasimhan K.; V T.; M H.; Amirtharajan R.	Review of AI & XAI-based breast cancer diagnosis methods using various imaging modalities	Multimedia Tools and Applications	0	0	0	0	3	10.1007/s11042-024-20271-2
2659	Hussain M.S.; Sharma S.; Kumari A.; Kamran A.; Bahl G.; Bisht A.S.; Sultana A.; Ashique S.; Ramalingam P.S.; Arumugam S.	Role of long non-coding RNAs in neurofibromatosis and Schwannomatosis: pathogenesis and therapeutic potential	Epigenomics	16	23-24	1453	1464	3	10.1080/17501911.2024.2430170
2660	Mahesh T.R., Thakur A., Gupta M., Sinha D.K., Mishra K.K., Venkatesan V.K., Guluwadi S.	Transformative Breast Cancer Diagnosis using CNNs with Optimized ReduceLRonPlateau and Early Stopping Enhancements	International Journal of Computational Intelligence Systems	17	1			2.9	10.1007/s44196-023-00397-1
2661	Ravi Sankar A., Arunachalam S., Gnanasekaran R.	A computational study to determine the role of σ -hole in Br/OH substituted nido-carborane and its binding capabilities	Journal of Molecular Graphics and Modelling	127				2.9	10.1016/j.jmglm.2023.108680
2662	Divya J., Selvendran S., Raja A.S., Chitra K.	Silver-TiO ₂ coated D-shaped photonic crystal fiber based SPR sensor for ultrasensitive refractive index detection: design and FEM analysis	Physica Scripta	99	2			2.9	10.1088/1402-4896/ad1864
2663	Job N., Chandrasekaran V., Thimmakonda V.S., Thirumoorthy K.	Theoretical Studies on the Isomerization Kinetics of Low-Lying Isomers of the SiC ₄ H ₂ System	Journal of Physical Chemistry A	128	1	73	80	2.9	10.1021/acs.jpca.3c05658

2664	Kuppan B., Ganesan M.C.	Thermochemical Conversion Approach for Sustainable Bioenergy Production from Senna auriculata Biomass Source	Arabian Journal for Science and Engineering					2.9	10.1007/s13369-023-08602-1
2665	Aravindhan R., Momeen M.U., Hu J.	Solvatochromic shifts and solvent effects on the electronic and transport behaviour of 1-Chloro Adamantane	Physica Scripta	99	1			2.9	10.1088/1402-4896/ad1472
2666	Junias J.S., Clement J.	Predictive analytics of conductance and HOMO-LUMO gaps with topological descriptors of porphyrin nanosheets	Physica Scripta	99	1			2.9	10.1088/1402-4896/ad0c1b
2667	Babu A., Devi Rajeswari V., Ganesh V., Das S., Dhanasekaran S., Usha Rani G., Ramanathan G.	Gut Microbiome and Polycystic Ovary Syndrome: Interplay of Associated Microbial-Metabolite Pathways and Therapeutic Strategies	Reproductive Sciences					2.9	10.1007/s43032-023-01450-2
2668	Sridhar D., Parimalarenganayaki S.	A Comprehensive Review on Groundwater Contamination Due to Sewer Leakage: Sources, Detection Techniques, Health Impacts, Mitigation Methods	Water, Air, and Soil Pollution	235	1			2.9	10.1007/s11270-023-06852-1
2669	Akram W., Ahmed S., Rihan M., Arora S., Khalid M., Ahmad S., Ahmad F., Haque S., Vashishth R.	An updated comprehensive review of the therapeutic properties of Chamomile (<i>Matricaria chamomilla</i> L.)	International Journal of Food Properties	27	1	133	164	2.9	10.1080/10942912.2023.2293661

2670	Pavithra S., Aich A., Chanda A., Zohra I.F., Gawade P., Das R.K.	PER2 gene and its association with sleep-related disorders: A review	Physiology and Behavior	273				2.9	10.1016/j.physbeh.2023.114411
2671	Chakravarthy S., Nagarajan B., Kumar V.V., Mahesh T.R., Sivakami R., Annand J.R.	Breast Tumor Classification with Enhanced Transfer Learning Features and Selection Using Chaotic Map-Based Optimization	International Journal of Computational Intelligence Systems	17	1			2.9	10.1007/s44196-024-00409-8
2672	Karthick Selvan M., Balakrishnan S.	Construction of two-qubit gates using B Gate	Physica Scripta	99	3			2.9	10.1088/1402-4896/ad23b6
2673	Hariharan M., Eithiraj E.	Investigations on the electronic, optical, thermoelectric and thermodynamic properties of quaternary coinage metal HgSeBr: a DFT study	Physica Scripta	99	3			2.9	10.1088/1402-4896/ad26c0
2674	Parihar H., Naveen Venkatesh S., Anoop P.S., Sugumaran V.	Application of feature fusion strategy for monitoring the condition of nitrogen filled tires using tree family of classifiers	Physica Scripta	99	3			2.9	10.1088/1402-4896/ad2252
2675	Raghul M., Porchelvan P.	A Critical Review of Remote Sensing Methods for Inland Water Quality Monitoring: Progress, Limitations, and Future Perspectives	Water, Air, and Soil Pollution	235	2			2.9	10.1007/s11270-024-06957-1

2676	Katturajan R., Shivaji P., Nithiyandam S., Parthasarathy M., Magesh S., Vashishth R., Radhakrishnan V., Prince S.E.	Antioxidant and Antidiabetic Potential of <i>Ormocarpum cochinchinense</i> (Lour.) Merr. Leaf: An Integrated In vitro and In silico Approach	Chemistry and Biodiversity	21	2			2.9	10.1002/cbdv.202300960
2677	Krishnan P.T., Erramchetty S.K., Balusa B.C.	Advanced framework for epilepsy detection through image-based EEG signal analysis	Frontiers in Human Neuroscience	18				2.9	10.3389/fnhum.2024.1336157
2678	Padmapriya D., Shanthi C.	Hydrolysates with emulsifying properties prepared from protein wastes using microbial protease	Food Science and Biotechnology					2.9	10.1007/s10068-023-01490-z
2679	Vivek S., Vijayakumar V.	An analysis on the optimal feedback control for Caputo fractional neutral evolution systems in Banach spaces	Revista de la Real Academia de Ciencias Exactas, Fisicas y Naturales - Serie A: Matematicas	118	2			2.9	10.1007/s13398-024-01572-5
2680	Reehana S., Muthukumar M.	The Effectiveness of Fibre–Lime Treatment on the Dynamic Properties of Expansive Soil Under Cyclic Loading	International Journal of Geosynthetics and Ground Engineering	10	2			2.9	10.1007/s40891-024-00525-7
2681	Agilan K., Parthiban V.	Numerical solution of fuzzy fractional volterra integro differential equations with boundary conditions	Physica Scripta	99	3			2.9	10.1088/1402-4896/ad2ad1

2682	Bobde Y., Narayanan G., Jati M., Raj R.S.P., Cvitić I., Peraković D.	Enhancing Industrial IoT Network Security through Blockchain Integration	Electronics (Switzerland)	13	4			2.9	10.3390/electronics13040687
2683	Kalita K., Ganesh N., Shankar R., Chakraborty S.	A Fuzzy MARCOS-Based Analysis of Dragonfly Algorithm Variants in Industrial Optimization Problems	Informatica (Netherlands)	35	1	155	178	2.9	10.15388/23-INFOR538
2684	Gopinath M., Muthuswamy N., Marimuthu R.	Graphite sheet assisted photovoltaic -thermoelectric generator for hydrogen generation from seawater	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	46	1	4064	4077	2.9	10.1080/15567036.2024.2329349
2685	Saravanan B., Asokan M.A.	Impact of fuel injection parameters and hydrogen enrichment on CI engine characteristics fueled with Ceiba pentandra biodiesel	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	46	1	3734	3747	2.9	10.1080/15567036.2024.2320760
2686	Rajesh S.	Experimental investigations on PVT-integrated hybrid desalination system: Energy, exergy, and economic analysis	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	46	1	3793	3806	2.9	10.1080/15567036.2024.2322682
2687	Narayanan L., Suseem S.R., Kamaraj C.	An Investigation into the Larvicidal Activity of Biologically Synthesized Silver and Copper Oxide Nanoparticles Against Mosquito Larvae	Chemistry and Biodiversity					2.9	10.1002/cbdv.202301774

2688	Saiteja P., Ashok B.	Development of Supervisory Self-Learning-Based Energy Management Controller to Control the Torque Ripples of Brushless DC Motor in Electric Vehicles Applications	Arabian Journal for Science and Engineering					2.9	10.1007/s13369-024-08823-y
2689	Wang J., Sharifi A., Gadekallu T.R., Shankar A.	MMD-MII Model: A Multilayered Analysis and Multimodal Integration Interaction Approach Revolutionizing Music Emotion Classification	International Journal of Computational Intelligence Systems	17	1			2.9	10.1007/s44196-024-00489-6
2690	Venkatakrishnan P., Palanisamy P.	Synthesis and characterization of myristic acid - infused Al ₂ O ₃ /CuO/MWCNT nanocomposites for energy storage and cooling applications	Physica Scripta	99	5			2.9	10.1088/1402-4896/ad3995
2691	Haribaskar R., Kumar T.S.	The impact of successive laser shock peening on surface integrity and residual stress distribution of laser powder-bed fused stainless steel 316L	Physica Scripta	99	5			2.9	10.1088/1402-4896/ad385a
2692	Sathiya E., Rao T.D., Kumar T.S.	Gabor filter-based statistical features for ADHD detection	Frontiers in Human Neuroscience	18				2.9	10.3389/fnhum.2024.1369862

2693	Dhariwal N., Sengupta N., Madijagan M., Patro K.K., Kumari P.L., Abdel Samee N., Tadeusiewicz R., Pławiak P., Prakash A.J.	A pilot study on AI-driven approaches for classification of mental health disorders	Frontiers in Human Neuroscience	18				2.9	10.3389/fnhum.2024.1376338
2694	Shenbagamuthuraman V., Kasianantham N.	Sustainable energy enhancement strategy from <i>Chlorella vulgaris</i> microalgae biomass resource	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	46	1	4647	4660	2.9	10.1080/15567036.2024.2328358
2695	Kavya P., Gayathri M.	Phytochemical Profiling and Assessment of Antidiabetic Activity of <i>Curcuma Angustifolia</i> Rhizome Methanolic Extract: an In Vitro and In Silico Analysis	Chemistry and Biodiversity					2.9	10.1002/cbdv.202301788
2696	Krishna S.G., Shanmugapriya M., Kumar B.R., Shah N.A.	Thermal and Energy Transport Prediction in Non-Newtonian Biomagnetic Hybrid Nanofluids using Gaussian Process Regression	Arabian Journal for Science and Engineering					2.9	10.1007/s13369-024-08834-9
2697	Hariharan S., Shangerganesh L., Manimaran J., Hendy A.S., Zaky M.A.	Stability analysis and numerical simulations of the infection spread of epidemics as a reaction–diffusion model	Mathematical Methods in the Applied Sciences					2.9	10.1002/mma.10110

2698	Karthikeyan H.L., Sridharan N.V., Balaji P.A., Vaithyanathan S.	Diagnosing Faults in Suspension System Using Machine Learning and Feature Fusion Strategy	Arabian Journal for Science and Engineering					2.9	10.1007/s13369-024- 08924-8
2699	Raghuraman V., Sampath Kumar T.	Influence of in-situ process parameters, post heat treatment effects on microstructure and defects of additively manufactured maraging steel by laser powder bed fusion—A comprehensive review	Physica Scripta	99	5			2.9	10.1088/1402- 4896/ad3681
2700	Sarangi P., Mohapatra P.	Chaotic-Based Mountain Gazelle Optimizer for Solving Optimization Problems	International Journal of Computational Intelligence Systems	17	1			2.9	10.1007/s44196-024- 00444-5
2701	Balasubramaniyan D., Chidambaram N., Ravi V.	Estimating physico-chemical properties of drugs for prostate cancer using degree- based and neighbourhood degree-based topological descriptors	Physica Scripta	99	6			2.9	10.1088/1402- 4896/ad478c
2702	Vyas D., Bhatt J., Rajput A., Hotta T.K., Rammohan A., Raghuraman D.R.S.	Investigation on Thermal Management of 18650 Lithium-Ion Batteries Using Nano-Enhanced Paraffin Wax: A Combined Numerical and Experimental Study	Arabian Journal for Science and Engineering					2.9	10.1007/s13369-024- 09122-2

2703	C N D., Behura A.K.	Development and preparation of novel nano-enhanced organic eutectic phase change materials for low-temperature solar thermal applications	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	46	1	6537	6554	2.9	10.1080/15567036.2024.2349697
2704	Alshraim A., Gopal T.S., Alanazi N., Mr M., Alobaidi A.A.E., Alsaigh R., Aldosary M., Pandiaraj S., Grace A.N., Alodhayb A.N.	Cu/Cu ₂ O/C nanoparticles and MXene based composite for non-enzymatic glucose sensors	Nanotechnology	35	36			2.9	10.1088/1361-6528/ad568a
2705	Ghosh R., Nelapati R.P., Saha P., Chinthajjala R., Kim T.-H., Kumar S.	Sensitivity analysis of bi-metal stacked-gate-oxide hetero-juncture tunnel fet with Si _{0.6} Ge _{0.4} source biosensor considering non-ideal factors	PLoS ONE	19	06-Jun			2.9	10.1371/journal.pone.0301479
2706	Pal S., Yuvaraj R., Krishnan H., Venkatraman B., Abraham J., Gopinathan A.	Unraveling radiation resistance strategies in two bacterial strains from the high background radiation area of Chavara-Neendakara: A comprehensive whole genome analysis	PLoS ONE	19	06-Jun			2.9	10.1371/journal.pone.0304810
2707	Lakshmi Priya R., Dhayanithi C.A., Hariprasad B.S., Vidya R., Ganesh Babu S.	Comparative evaluation of antimicrobial activity of spinel structured transition metal ferrites supported on reduced graphene oxide against pathogenic strains of bacteria and fungi	Nanotechnology	35	32			2.9	10.1088/1361-6528/ad4710

2708	Krishna M.S., Singh S., Gupta S., Kaushik B.K.	Nanointerconnect Design Using Unsaturated Edged Antimonene Nanoribbons: DFT-NEGF Analysis	IEEE Transactions on Electron Devices			1	7	2.9	10.1109/TED.2024.3408780
2709	Shivankar S.D., Ramachandran D.	Product design change propagation analysis in a manufacturing environment with machine learning	International Journal of Advanced Manufacturing Technology					2.9	10.1007/s00170-024-13877-1
2710	Ezhilan J., Varadhan M.	Prediction of the Boiling Point of Acrylate and Methacrylate Polymers Through Wiener Index	Match	92	2	517	539	2.9	10.46793/MATCH.92-2.517E
2711	Karudesh E., Aneesh J., Francis A.L., Radha R.	Exploring the inhibition effect of tri-sodium phosphate concentrations on corrosion in Mg-sn-ca-mn anode for magnesium batteries	Materials Technology	39	1			2.9	10.1080/10667857.2024.2357513
2712	Dorai A., Panigrahi M., Iwai Y., Hellar N., Kawamura J.	Magnetic resonance imaging: an innovative approach to observe rare metal extraction using ionic liquid	Physical Chemistry Chemical Physics					2.9	10.1039/d4cp01593b
2713	Samuel Rajan I.A.P., Rajendran S.	DABCO-catalyzed esterification of N-pivaloyl-activated amides	Organic and Biomolecular Chemistry					2.9	10.1039/d4ob00752b
2714	Raman S., Meena K.V., Vetrivel S., Sankar A R.	Silicon nanowire piezoresistor and its applications: a review	Nanotechnology	35	36			2.9	10.1088/1361-6528/ad555e

2715	Sangeetha S.K.B., Sivakumar M., Mathivanan S.K., Rajadurai H., Karthikeyan P., Shah M.A.	Advancements in urban scene segmentation using deep learning and generative adversarial networks for accurate satellite image analysis	PLoS ONE	19	07-Jul			2.9	10.1371/journal.pone.0307187
2716	Vijayakumar S., Kumar H., Basu S., Chandy S., Anbarasu A., Manoharan A., Ramaiah S.	Changing Landscape of Antimicrobial Resistance in Neonatal Sepsis: An in silico Analyses of Multidrug Resistance in Klebsiella pneumoniae	The Pediatric infectious disease journal	43	8	777	784	2.9	10.1097/INF.00000000000004358
2717	Manikandan R., Raina G.	Compositional effects of hybrid MoS ₂ -GO active layer on the performance of unipolar, low-power and multistate RRAM device	Nanotechnology	35	40			2.9	10.1088/1361-6528/ad5db6
2718	Indhumathi S., Clement C.J.	Convex-based lightweight feature descriptor for Augmented Reality Tracking	PLoS ONE	19	07-Jul			2.9	10.1371/journal.pone.0305199
2719	Anjali R., Shanthakumar S.	Optimization, kinetics, and pathways of pharmaceutical pollutant degradation using solar Fenton technique	Environmental Monitoring and Assessment	196	7			2.9	10.1007/s10661-024-12837-2
2720	Kumar K.K., Mandava S.	Real-time bearing fault classification of induction motor using enhanced inception ResNet-V2	Applied Artificial Intelligence	38	1			2.9	10.1080/08839514.2024.2378270

2721	Salaimanimagudam M.P., Jayaprakash J.	Selection of digital fabrication technique in the construction industry—A multi-criteria decision-making approach	Frontiers of Structural and Civil Engineering					2.9	10.1007/s11709-024-1075-1
2722	Girijakumari Sreekantan Nair S., Chandrasekaran B.	MetaHealth: unlocking metaverse technologies in digital healthcare	Expert Review of Medical Devices					2.9	10.1080/17434440.2024.2382233
2723	Sannasi Chakravarthy S.R., Bharanidharan N., Vinothini C., Vinoth Kumar V., Mahesh T.R., Guluwadi S.	Adaptive Mish activation and ranger optimizer-based SEA-ResNet50 model with explainable AI for multiclass classification of COVID-19 chest X-ray images	BMC Medical Imaging	24	1			2.9	10.1186/s12880-024-01394-2
2724	Radhabai P.R., KVN K., Shanmugam A., Imoize A.L.	An effective no-reference image quality index prediction with a hybrid Artificial Intelligence approach for denoised MRI images	BMC Medical Imaging	24	1			2.9	10.1186/s12880-024-01387-1
2725	Veluchamy C., Sharma A., Thiagarajan K.	Assessing the impact of heavy metals on bacterial diversity in coastal regions of Southeastern India	Environmental Monitoring and Assessment	196	9			2.9	10.1007/s10661-024-12975-7
2726	Paul D., Alan G.	Decoding posthuman realities in the post-apocalyptic context: a schizoanalytic study of human and robot in Becky Chambers' A Psalm for the Wild-Built	AI and Society					2.9	10.1007/s00146-024-02015-w

2727	Bakhaidar M., Harinathan B., Devaraj K.B., Yoganandan N., Shabani S.	Do expandable cage size and number of cages matter in transforaminal lumbar interbody fusion at L5-S1? A comparative biomechanical analysis using finite element modeling	Journal of Neurosurgery: Spine	41	2	209	215	2.9	10.3171/2024.2.SPI NE231116
2728	Musthafa M.M., T R M., V V.K., Guluwadi S.	Enhanced skin cancer diagnosis using optimized CNN architecture and checkpoints for automated dermatological lesion classification	BMC Medical Imaging	24	1			2.9	10.1186/s12880-024- 01356-8
2729	Dhamodharan K., Singh A.K.	Fabrication and characterization of Sb2O3- MoS2 nanocomposites for high performance supercapacitor applications	Nanotechnology	35	43			2.9	10.1088/1361- 6528/ad6995
2730	K D., Singh A.K.	Fabrication and characterization of Sb2O3- MoS2nanocomposites for high performance supercapacitor applications	Nanotechnology	35	43			2.9	10.1088/1361- 6528/ad6995
2731	Chandra Sekaran D.S., Christopher Clement J.	G-Net: Implementing an enhanced brain tumor segmentation framework using semantic segmentation design	PLoS ONE	19	08-Aug			2.9	10.1371/journal.pon e.0308236
2732	Roy S., Napari M., Georgiadou D.G., Chandrasekaran S., Chakrabarti B., Simanjuntak F.M.	High-Performance TiN/TaOx/TiN Selectors with Short-Term Memory Characteristics	IEEE Transactions on Electron Devices	71	9	5775	5778	2.9	10.1109/TED.2024.3 422949

2733	Natarajan K., Jayakumar V., Padma Priya V.R., Mercy A.A.H., Nandi G.C.	InCl ₃ catalyzed simultaneous reductive sulfoximation and O-silylation: synthesis of silyloxy benzylsulfoximine	Organic and Biomolecular Chemistry	22	33	6699	6702	2.9	10.1039/d4ob00713a
2734	Visvanathan P., Vincent P.M.D.R.	Prediction of Gait Neurodegenerative Diseases by Variational Mode Decomposition Using Machine Learning Algorithms	Applied Artificial Intelligence	38	1			2.9	10.1080/08839514.2024.2389375
2735	Gopalan S.R., Jegan B., Govindarajan T.S.	Wireless control system for laser cutters and engraving machines	International Journal of Advanced Manufacturing Technology					2.9	10.1007/s00170-024-14249-5
2736	Mahesh P., Soundrapandiyan R.	Yield prediction for crops by gradient-based algorithms	PLoS ONE	19	8			2.9	10.1371/journal.pone.0291928
2737	Begum N A., Shaik S.	Mapping the landscape: a bibliometric review of mergers and acquisitions through the lens of sustainability	Competitiveness Review					2.9	10.1108/CR-04-2024-0085
2738	Yesudas K Y., Buvaneswari G., Senthil Kumar A.	Polyaniline-based synergetic electrocatalysts for CO ₂ reduction reaction: A review	Electrochemical Science Advances					2.9	10.1002/elsa.20240007
2739	Gunasekaran S., Mercy Bai P.S., Mathivanan S.K., Rajadurai H., Shivahare B.D., Shah M.A.	Automated brain tumor diagnostics: Empowering neuro-oncology with deep learning-based MRI image analysis	PLoS ONE	19	8			2.9	10.1371/journal.pone.0306493

2740	Prabhu M., Premraj J.A.	Artificial consciousness in AI: a posthuman fallacy	AI and Society					2.9	10.1007/s00146-024-02061-4
2741	Thanikachalam V., Kabilan K., Erramchetty S.K.	Optimized deep CNN for detection and classification of diabetic retinopathy and diabetic macular edema	BMC Medical Imaging	24	1			2.9	10.1186/s12880-024-01406-1
2742	Latha M., Kumar P.S., Chandrika R.R., Mahesh T.R., Kumar V.V., Guluwadi S.	Revolutionizing breast ultrasound diagnostics with EfficientNet-B7 and Explainable AI	BMC Medical Imaging	24	1			2.9	10.1186/s12880-024-01404-3
2743	Sharma N., Vuppu S.	Assessment and monitoring of leather effluent discharge from Dewas and Ranipet and their computational approach	Environmental Monitoring and Assessment	196	10			2.9	10.1007/s10661-024-13074-3
2744	Deo L., Benjamin L.K., Osborne J.W.	Critical review on unveiling the toxic and recalcitrant effects of microplastics in aquatic ecosystems and their degradation by microbes	Environmental Monitoring and Assessment	196	10			2.9	10.1007/s10661-024-13023-0
2745	Mohan A., Kumar N.	Implantable antennas for biomedical applications: a systematic review	BioMedical Engineering Online	23	1			2.9	10.1186/s12938-024-01277-1
2746	Mallik G.; Biswas R.; Gudi T.	A local projection stabilised HHO method for the Oseen problem	Computers and Mathematics with Applications	176		202	220	2.9	10.1016/j.camwa.2024.10.030
2747	Velayudhan J.; Subramanian S.	A dual-chambered microbial fuel cell with manganese dioxide nano-structured cathode for wastewater treatment	Nanotechnology	35	49			2.9	10.1088/1361-6528/ad7d7f

2748	Nafees Ahmed S.; Prakasam P.	Spatial attention-based CSR-Unet framework for subdural and epidural hemorrhage segmentation and classification using CT images	BMC Medical Imaging	24	1			2.9	10.1186/s12880-024-01455-6
2749	Shajan S.; Thirumoorthy K.	FeC4H2: A Potential Astrophysical Molecule Featuring Planar Tetracoordinate Iron to Unveil the Mystery of Missing Iron in Interstellar Medium	ACS Earth and Space Chemistry	8	10	2078	2089	2.9	10.1021/acsearthspacechem.4c00178
2750	Allapakam V.; Karuna Y.	An ensemble deep learning model for medical image fusion with Siamese neural networks and VGG-19	PLoS ONE	19	10-Oct			2.9	10.1371/journal.pone.0309651
2751	Sakthivel R.; Vijayalakshmi Ch.; Vanitha M.; AboRas K.M.; Abdelfattah W.M.; Ghadi Y.Y.; Reddy Ch.R.	Hardware optimization for effective switching power reduction during data compression in GOLOMB rice coding	PLoS ONE	19	09-Sep			2.9	10.1371/journal.pone.0308796
2752	Dasmahapatra U.; Maiti B.; Chanda K.	A microwave assisted tandem synthesis of quinazolinones using ionic liquid supported copper(ii) catalyst with mechanistic insights	Organic and Biomolecular Chemistry					2.9	10.1039/d4ob01261e
2753	Shalini V.; Kumar P.	Temperature-Induced Changes in Multifin-Schottky Barrier FinFETs: An Analog/RF Linearity Investigation	Advanced Theory and Simulations					2.9	10.1002/adts.202400531

2754	Karthikeyan N.; Naveen J.	Enhanced shear and vibration behaviour of co-cured CFRP joints with innovative lamination techniques	Journal of Adhesion					2.9	10.1080/00218464.2024.2411368
2755	Jayakumar J.; Rajasekhara Reddy S.	Molecular oxygen-promoted sustainable synthesis of functionalized quinolines using catalytic glucose-derived ionic liquids and copper	Organic and Biomolecular Chemistry					2.9	10.1039/d4ob01354a
2756	Subha N.; Nagappagari L.R.; Ravi Sankar A.	A review on recent advances in g-C ₃ N ₄ -MXene nanocomposites for photocatalytic applications	Nanotechnology	35	50			2.9	10.1088/1361-6528/ad7e2f
2757	Mohanty C.; Kumar V.; Bisoi S.; M A.S.J.; Das P.K.; Farzana; Ahmad M.; Selvaraj C.I.; Ratha B.N.; Nanda S.; Gangwar S.P.	Ecological implications of chromium-contaminated effluents from Indian tanneries and their phytoremediation: a sustainable approach	Environmental Monitoring and Assessment	196	10			2.9	10.1007/s10661-024-13122-y
2758	Renuga Devi K.; Dondapati S.	A novel multicomponent micro-alloyed magnesium for orthopaedic applications: a microstructural, mechanical, degradation and bioactivity study	Materials Technology	39	1	0	0	2.9	10.1080/10667857.2024.2428902
2759	M S.; BV B.; D P.; S A.K.; Mathivanan S.K.; Shah M.A.	Efficient brain tumor grade classification using ensemble deep learning models	BMC Medical Imaging	24	1	0	0	2.9	10.1186/s12880-024-01476-1

2760	Afjal M.	Evolving trends, limitations, and ethical considerations in AI-driven conversational interfaces: assessing ChatGPT's impact on healthcare, financial services, and educational sectors	Technology Analysis and Strategic Management	0	0	0	0	2.9	10.1080/09537325.2024.2420617
2761	Keerthana P.; Suresh S.; Nawaz Khan F.R.	Facile synthesis of functionalized quinolinones in a green reaction medium and their photophysical properties	Organic and Biomolecular Chemistry	23	1	126	137	2.9	10.1039/d4ob01390e
2762	Muthu S.; Mudhana G.	Optimizing normal tissue objectives (NTO) in eclipse treatment planning system (TPS) for stereotactic treatment of multiple brain metastases using non-coplanar RapidArc and comparison with HyperArc techniques	Japanese Journal of Radiology	0	0	0	0	2.9	10.1007/s11604-024-01686-1
2763	Kailasanathan N.; Somayaji S.; Baza M.; Srivastava G.; Ulaganathan S.; Yenduri G.; Ravindranath V.; Alsabaan M.	Remote Assistance for Bone-Fractured Patients using Deep Learning Models	Applied Artificial Intelligence	38	1	0	0	2.9	10.1080/08839514.2024.2423326
2764	Swati G.; Mishra S.	Luminescent nanomaterials for developing high-contrast latent fingerprints	Nanotechnology	36	3	0	0	2.9	10.1088/1361-6528/ad84fc
2765	R S.; Ruban Kumar A.	Role of metal oxide ferrites in the process of magnetic hyperthermia ? A review	Journal of Thermal Biology	125	0	0	0	2.9	10.1016/j.jtherbio.2024.103936

2766	Amudha M.; Brindha K.	Effective feature selection based HOBS pruned- ELM model for tomato plant leaf disease classification	PLoS ONE	19	46003	0	0	2.9	10.1371/journal.pone.0315031
2767	Ramamurthy A.; Ravi Y.; Ragupathy G.	Exploring the Mechanism of Hydrogen Cyanide Formation on Metal Surfaces in the Interstellar Medium: A Computational Perspective	ACS Earth and Space Chemistry	0	0	0	0	2.9	10.1021/acsearthspacchem.4c00232
2768	Chithra V.S.; Palanisami N.	Ferrocene Appended Linear Chromophores for Aggregation-Induced Emission (AIE) and Nonlinear Optics (NLO): Combined Experimental and Theoretical Studies	Advanced Theory and Simulations	0	0	0	0	2.9	10.1002/adts.202400578
2769	Barge S.A.; Mary G.I.	Improving dependability with low power fault detection model for skinny-hash	PLoS ONE	19	46003	0	0	2.9	10.1371/journal.pone.0316012
2770	Sheth K.A.; Upreti C.; Prusty M.R.; Satapathy S.K.; Mishra S.; Cho S.-B.	Time-frequency transformation integrated with a lightweight convolutional neural network for detection of myocardial infarction	BMC Medical Imaging	24	1	0	0	2.9	10.1186/s12880-024-01502-2
2771	Saini S., Das P., Kumar S.	Parameter uniform higher order numerical treatment for singularly perturbed Robin type parabolic reaction diffusion multiple scale problems with large delay in time	Applied Numerical Mathematics	196		1	21	2.8	10.1016/j.apnum.2023.10.003

2772	Sunitha M.S., Sarveswari S.	The development of a simple imidazole-based probe for the selective detection of cyanide ion in real samples	Inorganica Chimica Acta	562				2.8	10.1016/j.ica.2023.121893
2773	Gupta S., Sutrave S.	Scattering Analysis of Glaze Ice Accretion on CFRP Laminated Composite Plate Structures Using Ultrasonic Lamb Waves: Towards Aviation Safety	Journal of Nondestructive Evaluation	43	1			2.8	10.1007/s10921-023-01030-z
2774	Steffy A.D., Arul Dhas D., Hubert Joe I., Gunasekaran B., Vinitha G.	An experimental and computational exploration on noncovalent interactions, spectroscopic and nonlinear optical properties of novel creatininium cyanoacetate single crystal	Computational and Theoretical Chemistry	1232				2.8	10.1016/j.comptc.2023.114445
2775	Arunachalam S., Gnanasekaran R.	A computational study on heat flow and thermostability of thermophilic and mesophilic proteins	Chemical Physics Letters	835				2.8	10.1016/j.cplett.2023.141020
2776	Garg T., Mukesh M., Goyal L.M., Mir K.H.	A systematic investigation to establish a structure-property correlation in 0.65PMN–0.35PT ceramics	Journal of Materials Science: Materials in Electronics	35	3			2.8	10.1007/s10854-023-11847-z
2777	MohanRajan S.N., Loganathan A., Manoharan P., Alenizi F.A.	Fuzzy Swin transformer for Land Use/ Land Cover change detection using LISS-III Satellite data	Earth Science Informatics					2.8	10.1007/s12145-023-01208-z

2778	Krishnan N., Sivaperuman K.	Design of D- π -A stilbazolium crystal growth of 4-[2-(3-nitro-phenyl)-vinyl]-1-methyl-pyridinium iodide (NMPI) single crystal: investigation of their structural, physiochemical, and third-order nonlinear optical activity	Journal of Materials Science: Materials in Electronics	35	1			2.8	10.1007/s10854-023-11787-8
2779	Das P.K., Sahu A., Diya D.V., Meher S.	SBCDNet: An Efficient Sparse-Based Deep Cascade Blood Cancer Detection Network	IEEE Sensors Letters	8	1			2.8	10.1109/LENS.2023.3345535
2780	Sakshi S., Gao Y., Rana S., Ravichandran S.S., Kharub M., Jasim K.M.	Decoding Gen Y Online Shopping Patterns: A Model-based Study	Vision					2.8	10.1177/09722629231216822
2781	Revathi R., Ashok A., Anitha G., Kumar A., Sukumar M., Revathi S., Al-Enizi A.M., Sundararajan M., Pandit B., Gupta M., Dash C.S., Yuvaraj S., Ubaidullah M.	Impact of In ³⁺ -doped BiFeO ₃ nanoparticles prepared by direct combustion method: structural, elemental, optical, vibrational, morphology and magnetic studies	Journal of Materials Science: Materials in Electronics	35	1			2.8	10.1007/s10854-023-11821-9

2782	Jose A.M., Samarpita S., Panchal N.K., Sabina E.P., Rasool M.	Selective blockade of IL-21 by myricetin impedes T follicular helper cell differentiation by negatively regulating the JAK/STAT/Bcl-6 pathway in a rheumatoid arthritis animal model	3 Biotech	14	1			2.8	10.1007/s13205-023-03880-w
2783	Antony A., Veerappapillai S., Karuppasamy R.	In-silico bioprospecting of secondary metabolites from endophytic Streptomyces spp. against Magnaporthe oryzae, a cereal killer fungus	3 Biotech	14	1			2.8	10.1007/s13205-023-03859-7
2784	Sindhu S., Roniboss A., Arockiasamy S.	Synthesis, crystal structure, thermal properties of a homoleptic Schiff base cobalt complex bis(N-tert-pentyl salicylaldimine)cobalt(II) as precursor for coating Co ₃ O ₄ thin film by a plasma enhanced MOCVD	Inorganica Chimica Acta	559				2.8	10.1016/j.ica.2023.121767
2785	Mittal A.K.	A space-time pseudospectral method for solving multi-dimensional quasi-linear parabolic partial differential (Burgers') equations	Applied Numerical Mathematics	195		39	53	2.8	10.1016/j.apnum.2023.09.005
2786	Vinodhini V., Kavitha M.	Deciphering agr quorum sensing in Staphylococcus aureus: insights and therapeutic prospects	Molecular Biology Reports	51	1			2.8	10.1007/s11033-023-08930-3

2787	Das S., Rao K.V.B.	A comprehensive review of biosurfactant production and its uses in the pharmaceutical industry	Archives of Microbiology	206	2			2.8	10.1007/s00203-023-03786-4
2788	Venugopal D.C., Viswanathan P., Ravindran S., Punnoose A.M., Yasasve M., Dicky John D.G., Prabhakar L., Ramanathan G., Sankarapandian S., Ramshankar V.	Antifibrotic effect of silymarin on arecoline-induced fibrosis in primary human buccal fibroblasts: an in silico and in vitro analysis	Molecular Biology Reports	51	1			2.8	10.1007/s11033-023-09177-8
2789	Isanapong J., Suwannoi K., Lertlattanapong S., Panchal S.	Purification, characterization of laccase from Pleurotus ostreatus HK35, and optimization for congo red biodecolorization using Box–Behnken design	3 Biotech	14	3			2.8	10.1007/s13205-024-03926-7
2790	Vijayakanth V., Chintagumpala K.	Effect of ligand dispersant on superparamagnetic heating capacity and cytotoxicity properties of MnFe ₂ O ₄ nanoparticles	Journal of Materials Science: Materials in Electronics	35	6			2.8	10.1007/s10854-024-12123-4
2791	Manoj J., Vizhi R.E.	Effect of Al substitution on their structural and magnetic properties of Ba _{0.5} Sr _{0.5} Fe ₁₂ O ₁₉ prepared via sol–gel auto-combustion method	Journal of Materials Science: Materials in Electronics	35	6			2.8	10.1007/s10854-024-12037-1

2792	Arulazi V., Kalainathan S.	Molybdenum-doped BiVO ₄ thin films deposited through chemical spray pyrolysis for ammonia sensing at room temperature	Journal of Materials Science: Materials in Electronics	35	5			2.8	10.1007/s10854-024-12088-4
2793	Ramesh K.S., Munusamy S., Saravanakumar M., Manigandan S., Muthusamy K., Vinitha G., Sekar M.	Comprehensive characterization and multifaceted analysis of benzimidazoliumgallate single crystal: synthesis, structural elucidation, optical properties, thermal stability, nonlinear optical behaviour, and quantum computing insights	Journal of Materials Science: Materials in Electronics	35	5			2.8	10.1007/s10854-024-11979-w
2794	Manickam G., Polit O., Mohamed H., Gupta P.	Nonlocal nonlinear higher-order finite element model for static bending of curved nanobeams including graphene platelets reinforcement	Mechanics of Advanced Materials and Structures					2.8	10.1080/15376494.2024.2315603
2795	Banoori F., Ijaz N., Shi J., Khan K., Liu X., Ahmad S., Prakash A.J., Plawiak P., Hammad M.	Few-Shot Bioacoustics Event Detection using Transudative Inference with Data Augmentation	IEEE Sensors Letters			1	4	2.8	10.1109/LENS.2024.3363021
2796	V R.R., Palanisamy P.	A numerical study of wave baffles on sloshing reduction of rectangular containers under combined excitation	Mechanics of Advanced Materials and Structures					2.8	10.1080/15376494.2024.2308053

2797	Dharshini L.C.P., Mandal A.K.A.	Regulation of gene expression by modulating microRNAs through Epigallocatechin-3-gallate in cancer	Molecular Biology Reports	51	1			2.8	10.1007/s11033-023-09145-2
2798	Sivaraman S.A., Sabareesh V.	An Update on Dipeptidyl Peptidase-IV Inhibiting Peptides	Current Protein and Peptide Science	25	4	267	285	2.8	10.2174/0113892037287976231212104607
2799	Manimaran J., Shangerganesh L., Zaky M.A., Akgül A., Hendy A.S.	Numerical discretization for Fisher-Kolmogorov problem with nonlocal diffusion based on mixed Galerkin BDF2 scheme	Applied Numerical Mathematics	201		145	158	2.8	10.1016/j.apnum.2024.02.018
2800	Govindasamy A., Rajeswari D., Srinivasan R., Arivarasi A.	Cost-Effective digital twin Design for entertainment Enterprise's through Machine learning	Entertainment Computing	50				2.8	10.1016/j.entcom.2024.100648
2801	Balakrishnan C., Manonmani M., Suppuraj P., Bhuvaneshwari S., Vinitha G., Meenakshisundaram S.P.	Crystal structure and third-order nonlinear optical properties of supramolecular cocrystals of 18-crown-6 with 5-aminoisophthalic acid	Journal of Materials Science: Materials in Electronics	35	8			2.8	10.1007/s10854-024-12368-z
2802	Vanishree P., Swati G.	Enhanced photoluminescence in (Ca, Zn)TiO ₃ : Pr ³⁺ afterglow phosphor for anti-counterfeiting application	Journal of Materials Science: Materials in Electronics	35	8			2.8	10.1007/s10854-024-12350-9

2803	Ganapathy S.B., Sakthivel A.R.	Investigation on the Compressive Characteristics and Optimization of Design Parameters of a Novel Functionally Graded Cell Structure	Functional Composites and Structures	6	1			2.8	10.1088/2631-6331/ad2c0f
2804	Tripathy A., Sharma P., Osman N.A.B.A.	Synthesis, fabrication and characterization of CaMgFexTiyO12-based electroceramics sensor	Journal of Materials Science: Materials in Electronics	35	7			2.8	10.1007/s10854-024-12100-x
2805	Sonai V., Bharathi I.	A New Statistical Compression-Based Method for Wireless Sensor Networks Energy Efficient Data Transmission	IEEE Sensors Letters	8	3	1	4	2.8	10.1109/LSENS.2024.3367044
2806	Nekin Joshua R., Aravind Raj S.	Comparison of quasi-static compression performance of FDM 3D printed truss supported double arrowhead structure with a circular node	Mechanics of Advanced Materials and Structures					2.8	10.1080/15376494.2024.2328754
2807	Bhakthan S.M., Loganathan A.	A hyperspectral unmixing model using convolutional vision transformer	Earth Science Informatics					2.8	10.1007/s12145-024-01273-y
2808	Patil V.S., Bhagat P.R.	Visible-Light Mediated Reaction of Indole with Aryl Halides Using Porphyrin Photocatalyst: A Feasible Technique to Afford N-Functionalized Indoles	Catalysis Letters					2.8	10.1007/s10562-024-04613-1

2809	Chandran D.G., Muruganandam L., Biswas R.	A molecular dynamics study for the extraction of cesium from aqueous solutions in the presence of functionalized carbon nanotube	Separation Science and Technology (Philadelphia)					2.8	10.1080/01496395.2024.2319148
2810	Prathima T.S., Chanda K., MM B.	In silico anti-cancer activity evaluation of C–N cyclometalated 2H-indazole Ru(II) and Ir(III) complexes via induced DNA disrupting potential	Inorganica Chimica Acta	567				2.8	10.1016/j.ica.2024.122038
2811	Kirubakaran R., Salunke D.R., Pitchumani S.V., Gopalan V., Sampath A.	Development of hBN/natural fibres reinforced polymer composites using grey relation grade analysis for thermal and electrical applications	Functional Composites and Structures	6	2			2.8	10.1088/2631-6331/ad3edd
2812	Pradeepa M., Kumaraperumal S., Kasat K., Phaneendra Maguluri L., Salma Shajahan U., Gaikwad S.M.	Digital evolution: Investigating the dynamic interactions of learners with social media	Entertainment Computing	50				2.8	10.1016/j.entcom.2024.100668
2813	Veena N., Prasad M., Aruna Deepthi S., Swaroop Rani B., Nayak M., Someshwar S.	An Optimized Recurrent Neural Network for re-modernize food dining bowls and estimating food capacity from images	Entertainment Computing	50				2.8	10.1016/j.entcom.2024.100664

2814	Jayasakthi Velmurugan K., Sumathy G., Pradeep K.V.	Novel algorithm machine translation for language translation tool	Computational Intelligence	40	2			2.8	10.1111/coin.12643
2815	Sathishkumar P., Madeswaran S.	The effect of Jahn–Teller distortion on the magnetic and magnetocaloric effect in La-doped gadolinium barium manganite	Journal of Materials Science: Materials in Electronics	35	10			2.8	10.1007/s10854-024-12394-x
2816	Sreehari E., Babu L.D.D.	Critical Factor Analysis for prediction of Diabetes Mellitus using an Inclusive Feature Selection Strategy	Applied Artificial Intelligence	38	1			2.8	10.1080/08839514.2024.2331919
2817	Natarajan M., Periaiya S.	Revealing consumer review attitude through online review and website cues	Journal of Consumer Marketing	41	3	261	280	2.8	10.1108/JCM-07-2020-3938
2818	Latha Laxmi I.P., Job A.T., Manickam V., Tamizhselvi R.	Intertwined relationship of dynamin-related protein 1, mitochondrial metabolism and circadian rhythm	Molecular Biology Reports	51	1			2.8	10.1007/s11033-024-09430-8
2819	Mummadi R.S.R., Shaik K.	Effect of cadmium concentration on the structural, morphological, and optical properties of ZnS nanoparticles	Physica B: Condensed Matter	688				2.8	10.1016/j.physb.2024.416125
2820	Mol Y.K.P., Vinu S., Gopakumar S.K., Sindhusa S., Christy R.S., Vinitha G.	Scrutinizing the third-order nonlinear optical activity of organometallic tetra-aqua-copper (II) hydrogen maleate single crystal for laser safety device application	Journal of Materials Science: Materials in Electronics	35	12			2.8	10.1007/s10854-024-12623-3

2821	Sachin D., Mallikarjuna Reddy D., Kishore S., Patnaik B.V.A.	Coupled modal characteristics of a bladed rotor bearing system under aerodynamic and rotor excitations: Modelling and numerical study	JVC/Journal of Vibration and Control					2.8	10.1177/107754632 41250230
2822	Gunasegeran M., Edwin Sudhagar P., Vasudevan M., Ramamoorthy M., Barathan V., Raja H., Sampath Kumar T.	Numerical and experimental investigation on vibration characteristics of bio-inspired architected gyroid core in composite sandwich beams	Mechanics of Advanced Materials and Structures					2.8	10.1080/15376494.2 024.2345210
2823	U M., S S.	A review on pyrazole moieties as organic chemosensors in the detection of cations and anions	Inorganica Chimica Acta	569				2.8	10.1016/j.ica.2024.1 22118
2824	Ananda Murugan M., Nataraj G.	Exploring the multifarious blend ratios of waste fried edible oil biodiesel/diesel/low carbon methanol in an automotive engine: An approach towards fuel characterization, experimental, and multicriteria decision making method	Environmental Progress and Sustainable Energy					2.8	10.1002/ep.14394

2825	Krishnasamy M., Arumugam P., Jayanthi T.S., Choudhary S., Rojviroon T., Matheswaran P., Handayani M., Periyasami G., Diravidamani B., Rajendran R.	Engineered g-C ₃ N ₄ /MnO ₂ Nanocomposite for Exceptional Photocatalytic Methylene Blue Degradation and Robust Antibacterial Impact	Journal of Cluster Science					2.8	10.1007/s10876-024- 02628-7
2826	Deka R.K., Ghosh A., Nanda S., Barik R.K., Saikia M.J.	Smart Healthcare System in Server-Less Environment: Concepts, Architecture, Challenges, Future Directions	Computers	13	4			2.8	10.3390/computers1 3040105
2827	Parasuraman E.	Collision of perturbed soliton in discrete ferromagnetic spin chain with nearest neighbor and next nearest neighbor Dzyaloshinskii–Moriya interaction	European Physical Journal Plus	139	6			2.8	10.1140/epjp/s1336 0-024-05302-z
2828	Sathya P., Naveen P.	Crucial role of nanoparticle aggregation effect on non- Darcian flow of micropolar nanofluid over Riga plate with Navier’s slip: a regression analysis	European Physical Journal Plus	139	5			2.8	10.1140/epjp/s1336 0-024-05230-y

2829	Krishnan N., Sivaperuman K.	Crystal structure, Hirshfeld surface, physicochemical and nonlinear optical characteristics of a new stilbazolium crystal of (E)-4-(5-Bromo-2-hydroxystyryl)-1-methyl pyridinium iodide (MBHPI) crystal	Journal of Materials Science: Materials in Electronics	35	17			2.8	10.1007/s10854-024-13004-6
2830	Shyla L., Jebamalar A.S., Vinitha G.	Growth, spectral, optical, thermal and Z-scan study of organic NLO crystal: ethylenediammonium bis-(p-methyl-benzenesulfonate) monohydrate	Journal of Materials Science: Materials in Electronics	35	16			2.8	10.1007/s10854-024-12849-1
2831	K E.R., Naveen J., Karthikeyan N., Khan T., Sebaey T.A.	Effect of cellulose nanocrystals on the mechanical and free vibration behavior of hybrid glass/kenaf fiber reinforced polyurethane core-based sandwich structures	Journal of Natural Fibers	21	1			2.8	10.1080/15440478.2024.2361311
2832	Misra S., Bose C., Ghosh R., Saha P.	Investigation of Analog/RF behaviour of Asymmetrical Gate Tunnel FET at Cryogenic temperatures	Silicon					2.8	10.1007/s12633-024-03049-x
2833	Collin M.S., Sasikumar S.	Enhanced Biocompatibility and Mechanical Strength: Merwinite-Wollastonite Composite for Load Bearing Biomedical Applications	Silicon					2.8	10.1007/s12633-024-03036-2

2834	Kannan S., Ramachandra Prasad V.	Boundary layer flow and heat transfer enhancement by utilizing Casson ternary nanofluid past a horizontal cylinder in a non-Darcy porous medium with thermal radiation effects–Non-similar solutions	Numerical Heat Transfer; Part A: Applications					2.8	10.1080/10407782.2 024.2363498
2835	Yashwanth S., Satheesh A., Arumugam S.K., Rajesh Kanna P., Chidambaram R.K., Taler D., Sobota T., Taler J.	Numerical investigations of fluid flow and heat transfer in double forward facing step in the presence of a fin	Numerical Heat Transfer; Part A: Applications					2.8	10.1080/10407782.2 024.2359051
2836	Naveen P., RamReddy C., Vajravelu K.	Comparative investigation of activation energy and biot number on quadratic convective flow of a radiating micropolar fluid	Numerical Heat Transfer; Part A: Applications					2.8	10.1080/10407782.2 024.2360081
2837	Varatharaj K., Tamizharasi R., Sankar D.S., Vanav Kumar A.	Linear and nonlinear stretching sheet for enhanced heat and mass transfer in Casson nanofluid with activation energy	Numerical Heat Transfer; Part A: Applications					2.8	10.1080/10407782.2 024.2357578
2838	Thirupathi S., Mallichetty E., Gopalan V., Velu Pitchumani S.	Areca Fiber Reinforced Bio-Materials: A Review on Processing, Properties and Advanced Optimization Technique	Journal of Natural Fibers	21	1			2.8	10.1080/15440478.2 024.2357236

2839	Anupriya P., Karpagam S.	Conjugated mesoporous perylene and triazine based oligomers for promising application towards N ₂ adsorption and fluorescence sensing of picric acid	Journal of Materials Science: Materials in Electronics	35	19			2.8	10.1007/s10854-024-13078-2
2840	Henry Thomas G., Ashok Kumar A., Kaleemulla S., Rajagopal Reddy V.	Electrical, structural, morphological and photovoltaic properties of Au/n-Ge heterojunctions using V ₂ O ₅ interfacial layer	Journal of Materials Science: Materials in Electronics	35	19			2.8	10.1007/s10854-024-13038-w
2841	Ramesh K.S., Munusamy S., Saravanakumar M., Sekar M., Muthusamy K., Kumar M., Vinitha G.	Exploring the structural and optical characteristics of the charge transfer complex 2,3-dimethylquinoxaliniumpicrate : a comprehensive investigation through experimental and computational approaches	Journal of Materials Science: Materials in Electronics	35	19			2.8	10.1007/s10854-024-12989-4
2842	Anitha T.R., Prince S., Suthan T., Gnanasambandam C., Rajesh N.P., Vinitha G.	Growth and characterization of organic 4-chloroaniline single crystals for nonlinear optical applications	Journal of Materials Science: Materials in Electronics	35	19			2.8	10.1007/s10854-024-13063-9
2843	Priya B.S., Babu D.R., Vinitha G.	Influence of shock waves on the optical properties of diethanolaminium 4-nitrobenzoate	Journal of Materials Science: Materials in Electronics	35	20			2.8	10.1007/s10854-024-13215-x

2844	Kumar K.A., Sakkaravarthi K., Bala Anki Reddy P.	Levenberg–Marquardt neural network for entropy optimization on Casson hybrid nanofluid flow with nonlinear thermal radiation: a comparative study	European Physical Journal Plus	139	6			2.8	10.1140/epjp/s1336 0-024-05359-w
2845	Raja Rajeswari V., Venkatadri K., Ramachandra Prasad V.	Nanoparticle shape factor impact on double diffusive convection of Cu-water nanofluid in trapezoidal porous enclosures: A numerical study	Numerical Heat Transfer; Part A: Applications					2.8	10.1080/10407782.2 024.2380814
2846	Miriyala H., Balakrishnan S.	Open access publishing and quantum game theory under modified EWL scheme	Physica A: Statistical Mechanics and its Applications	647				2.8	10.1016/j.physa.202 4.129922
2847	Gopikrishnan M., Subramanian K., Krn A., Doss C G.P., Srimuruganandam B., Chandrasekaran N.	Particulate matter and nanoplastics: synergistic impact on Artemia salina	Environmental Science: Atmospheres					2.8	10.1039/d4ea00065j
2848	Rushi Kumar B., Sowmiya C., Nagarathnam S., Shivakumara I.S.	Rheological analysis and heat transfer enhancement of Williamson nanofluid in mixed convection flow over a stretching cylinder/plate	European Physical Journal Plus	139	7			2.8	10.1140/epjp/s1336 0-024-05443-1
2849	Thankachan A., Satya Singh K.	Role of assimilation of microwave humidity sounder (MHS) satellite radiance in forecast of structure and intensity of VSCS Vardah 2016	Advances in Space Research					2.8	10.1016/j.asr.2024.0 6.068

2850	Biji C.L., Dagala A.K., Sinha M.G., Priyanka N.D., Dhanasekaran G., Suresh S., Shahina K., Nair A.S., Sabu K.K., Anith K.N.	Transcriptome sequencing and differential expression analysis in bacterial wilt tolerant and susceptible clones of tomato (<i>Solanum lycopersicum</i> L.) following <i>Ralstonia solanacearum</i> infection	Physiological and Molecular Plant Pathology	133					2.8	10.1016/j.pmpp.2024.102360
2851	Gomathy G., Rushi Kumar B.	Unsteady MHD-radiative thin film flow with heat transfer over a stretching surface in porous media	Heat Transfer						2.8	10.1002/htj.23122
2852	Madhusudhana Rao B., Durgaprasad P., Dharmiah G., Dinarvand S., Gupta S.	A multiple applications study of motile microorganisms past a vertical surface with double-diffusive binary base fluid	Heat Transfer						2.8	10.1002/htj.23142
2853	Srivatsan B., Naveen Venkatesh S., Aravinth S., Sugumaran V., Arockia Dhanraj J., Solomon J.M., Muthu Vaidhyanathan R.	Fault diagnosis of air compressors using transfer learning: A comparative study of pre-trained networks and hyperparameter optimization	Journal of Low Frequency Noise Vibration and Active Control						2.8	10.1177/14613484241273652

2854	Sambandan E., Thenmozhi K., Santosh G., Wang C.-C., Tsai P.- C., Gurrani S., Senthilkumar S., Chen Y.-H., Ponnusamy V.K.	Identification and simultaneous quantification of potential genotoxic impurities in first-line HIV drug dolutegravir sodium using fast ultrasonication- assisted extraction method coupled with GC-MS and in- silico toxicity assessment	Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences	1245				2.8	10.1016/j.jchromb.2 024.124275
2855	Dilli Rani A., Nageshwari M., Rathika Thaya Kumari C., Sangeetha P., Vinitha G., Lydia Caroline M., Dinesh A., Kumaresan S., Ayyar M.	Investigation on the optical, electronic, and thermal parameters of ammonium pentaborate tetrahydrate single crystal for photonic application	Journal of Materials Science: Materials in Electronics	35	24			2.8	10.1007/s10854-024- 13365-y
2856	Keerthana P., Nawaz Khan F.R.	Nickel-Catalyzed Sequential Synthesis of Alkylated Quinolines and Their Photophysical Studies	Asian Journal of Organic Chemistry					2.8	10.1002/ajoc.20240 0192
2857	Kumar S.S., Chandrasekar A.	Sampled-data control with actuator saturated exponential synchronization semi-Markovian jump neural networks subject to input-to- state stability approach	European Physical Journal Plus	139	8			2.8	10.1140/epjp/s1336 0-024-05470-y

2858	Dhanalakshmi M., Balakrishnan C., Vijayasri M., Vinitha G., Parthiban S.	Synthesis, structural characterization and third- order nonlinear optical properties of 1,1- diphenylmethanaminium 4- aminobenzene-sulfonate hydrate	Journal of Materials Science: Materials in Electronics	35	21			2.8	10.1007/s10854-024- 13178-z
2859	Kumar M.D., Jayasri P., Palencia J.L.D., Durgaprasad P., Chamkha A.J., Raju C.S.K.	Analysis of biomagnetic blood Carreau hybrid nanofluid flow in stenotic arteries with motile gyrotactic microorganisms: Response surface optimisation	European Physical Journal Plus	139	9			2.8	10.1140/epjp/s1336 0-024-05611-3
2860	Italiya G., Subramanian S.	Leveraging new approach methodologies: ecotoxicological modelling of endocrine disrupting chemicals to Danio rerio through machine learning and toxicity studies	Toxicology Mechanisms and Methods					2.8	10.1080/15376516.2 024.2400324
2861	Mol Y.K.P., Vinu S., Gopakumar S.K., Sindhusha S., Christy R.S., Vinitha G.	Organometallic hexa-aqua magnesium hydrogen maleate third-order nonlinear optical crystal for NLO and optoelectronic device applications	Journal of Materials Science: Materials in Electronics	35	26			2.8	10.1007/s10854-024- 13469-5
2862	Kamalam E.B., Manikandan N.	The role of Bi ₂ O ₃ on improving the physical, optical and radiation shielding properties of TeO ₂ -BaO-ZnO glasses	Journal of Materials Science: Materials in Electronics	35	26			2.8	10.1007/s10854-024- 13510-7

2863	Joseph S., Swamiappan S.	Enhancement of Bioactivity, Mechanical and Degradation Properties of the Diopside by Incorporation of Ba ²⁺ Ion via Sol-gel Combustion Route	Silicon					2.8	10.1007/s12633-024- 03153-y
2864	K D., Venugopal S.	Molecular docking and molecular dynamic simulation studies to identify potential terpenes against Internalin A protein of <i>Listeria monocytogenes</i>	Frontiers in Bioinformatics	4				2.8	10.3389/fbinf.2024. 1463750
2865	Subhashri A.R.; Radhika T.	Synchronization of Markov jump neural networks with two delay components via Affine transformed sampled- data control with actuator saturation	European Physical Journal Plus	139	10			2.8	10.1140/epjp/s1336 0-024-05695-x
2866	Santhosh N.; Reddy A.S.; Sivaraj R.; Kumar B.R.	Comparative analysis of heat transfer studies on a tilted porous rectangular enclosure filled with nanofluids by considering the impacts of the magnetic field and heat sink or source	European Physical Journal Plus	139	10			2.8	10.1140/epjp/s1336 0-024-05675-1
2867	Nayak N.K.S.; Bhattacharyya B.	An Intrusion Detection System for 5G SDN Network Utilizing Binarized Deep Spiking Capsule Fire Hawk Neural Networks and Blockchain Technology	Future Internet	16	10			2.8	10.3390/fi16100359

2868	Shyla L.; Jebamalar A.S.; Vinitha G.	Elucidation of structural, optical, mechanical, thermal, DFT, and nonlinear optical behavior of 4-chloro-anilinium 4-methyl-benzene-sulfonate single crystals	Journal of Materials Science: Materials in Electronics	35	29			2.8	10.1007/s10854-024-13660-8
2869	Jithendra T.; Basha S.S.; Divya A.R.	Development of an hourly-based solar radiation prediction model with ANFIS and Coati optimization: a comparative analysis	Theoretical and Applied Climatology					2.8	10.1007/s00704-024-05210-3
2870	Radheshyam Yadav P.; Rambhau Bhagat P.	?Novel Metal-Free Porphyrin with Ionic Liquid and Sulphonic Acid Moieties for Visible Light Assisted Photocatalytic C?N Coupling of Heterocyclic Compounds with Aryl Halides?	Asian Journal of Organic Chemistry	13	12	0	0	2.8	10.1002/ajoc.202400337
2871	Suresh S.; Keerthana P.; Khan F.N.	Cobalt-Catalyzed Synthesis of Functionalized Nordazepam and Benzimidazoquinazolines and Their Photophysical Properties	Asian Journal of Organic Chemistry	0	0	0	0	2.8	10.1002/ajoc.202400455
2872	Ramalingam P.S.; Premkumar T.; Sundararajan V.; Hussain M.S.; Arumugam S.	Design and development of dual targeting CAR protein for the development of CAR T-cell therapy against KRAS mutated pancreatic ductal adenocarcinoma using computational approaches	Discover Oncology	15	1	0	0	2.8	10.1007/s12672-024-01455-6

2873	Arulkumar S.; Parthiban S.; Eithiraj R.D.	In ⁿ Si ^m O thin-film transistors with atomic layer deposition-grown Al ₂ O ₃ gate insulator	Journal of Materials Science: Materials in Electronics	35	32	0	0	2.8	10.1007/s10854-024-13831-7
2874	Das A.K.; Tripathy A.; Bhuyan S.; Mondal A.; Tripathy A.	Processing and development of ferroelectric Bi(Fe ₂ /3V ₁ /3)O ₃ -based electronic material for temperature sensor	Journal of Materials Science: Materials in Electronics	35	30	0	0	2.8	10.1007/s10854-024-13759-y
2875	Libina Blessy M.; Arul Dhas D.; Hubert Joe I.; Vinitha G.	Structural insights, spectroscopic investigation, topological and z-scan analysis of 2-amino-4,6-dimethoxypyrimidine 4-aminobenzoic acid: experimental and theoretical approach	Journal of Materials Science: Materials in Electronics	35	31	0	0	2.8	10.1007/s10854-024-13704-z
2876	Krishnaraj P.; Chacko T.M.; Bhulakshmi S.; Lin C.-C.; Reddy S.R.	Sustainable Synthesis of D-Glucose Based IL: A Renewable Organo Catalyst for the Efficient Synthesis of Dihydropyrano Coumarins	Asian Journal of Organic Chemistry	13	12	0	0	2.8	10.1002/ajoc.202400202
2877	Balakrishnan C.; Meenakshisundaram S.P.; Suppuraj P.; Bhuvaneshwari S.; Vinitha G.	Synthesis, crystal growth, structural characterization and third-order NLO properties of caesium trihydrodiphthalate	Journal of Materials Science: Materials in Electronics	35	31	0	0	2.8	10.1007/s10854-024-13771-2
2878	Jeevanantham B.; Shobana M.K.	Systematic electrochemical analysis of high-capacity NMC-88 and NMC-83 cathodes for lithium-ion batteries	Journal of Materials Science: Materials in Electronics	35	32	0	0	2.8	10.1007/s10854-024-13823-7

2879	Ashok G.; AlAsmari A.F.; AlAsmari F.; Livingstone P.; Anbarasu A.; Ramaiah S.	Transcriptomic, mutational and structural bioinformatics approaches to explore the therapeutic role of FAP in predominant cancer types	Discover Oncology	15	1	0	0	2.8	10.1007/s12672-024-01531-x
2880	Das P.; Chilakapati K.S.	Z-slotted Silicon Dioxide Based Tunable Polarization Converter Design Using Graphene-VO ₂ Composite for Detection of Cancer	Silicon	0	0	0	0	2.8	10.1007/s12633-024-03198-z
2881	Suresh S.; Keerthana P.; Nawaz Khan F.	Alkylated Quinolines through Benzylic sp ³ C-H Functionalization: Sequential Synthesis and Photophysical Studies	Asian Journal of Organic Chemistry	0	0	0	0	2.8	10.1002/ajoc.202400607
2882	Allam V.; Vandrangi S.K.	Carbon black and boron nitride conductive fillers dispersed porous conductive polymer composite-based piezoresistive sensor for biomedical applications	Journal of Materials Science: Materials in Electronics	35	35	0	0	2.8	10.1007/s10854-024-14020-2
2883	Sudhakar G.; Babu D.R.	Conventional and unidirectional growth of yttrium-doped sulphamic acid single crystals for NLO applications	Journal of Materials Science: Materials in Electronics	35	36	0	0	2.8	10.1007/s10854-024-13993-4
2884	Sambavi N.; Nawaz Khan F.	Ligand-Free Zn Catalyzed Synthesis of Functionalized Indoloacridines	Asian Journal of Organic Chemistry	0	0	0	0	2.8	10.1002/ajoc.202400482
2885	Mohideen Mohamed Haneef M.; Nawaz Khan F.	Tandem Synthesis of Piriqualone and Analogues Using Deep Eutectic Solvents: Photophysical and Theoretical Insights	Asian Journal of Organic Chemistry	0	0	0	0	2.8	10.1002/ajoc.202400487

2886	Sekar S.; Srikanth S.; Mukherjee A.G.; Gopalakrishnan A.V.; Wanjari U.R.; Vellingiri B.; Renu K.; Madhyastha H.	Biogenesis and functional implications of extracellular vesicles in cancer metastasis	Clinical and Translational Oncology	0	0	0	0	2.8	10.1007/s12094-024-03815-8
2887	Anand S.; Patel T.N.	Integrating the metabolic and molecular circuits in diabetes, obesity and cancer: a comprehensive review	Discover Oncology	15	1	0	0	2.8	10.1007/s12672-024-01662-1
2888	Wang Z.; Nabavi S.R.; Rangaiah G.P.	Multi-Criteria Decision Making in Chemical and Process Engineering: Methods, Progress, and Potential	Processes	12	11	0	0	2.8	10.3390/pr12112532
2889	Thirumalaisamy K., Sivaraj R., Reddy A.S.	Fluid flow and heat transfer analysis of a ternary aqueous Fe ₃ O ₄ + MWCNT + Cu/H ₂ O magnetic nanofluid in an inclined rectangular porous cavity	Journal of Magnetism and Magnetic Materials	589				2.7	10.1016/j.jmmm.2023.171503
2890	Hariharan M., Eithiraj R.D.	Structural, electronic, magnetic, and thermoelectric properties of newly predicted Fe ₂ CoS and Ni ₂ CoS alloys for spintronics applications: A DFT study	Journal of Magnetism and Magnetic Materials	589				2.7	10.1016/j.jmmm.2023.171553
2891	Sengupta P., Lakshminarayanan K.	Cortical activation and BCI performance during brief tactile imagery: A comparative study with motor imagery	Behavioural Brain Research	459				2.7	10.1016/j.bbr.2023.114760

2892	Srinivasan I., Sahayam D B.	“Homeless Life to Hopeful Life of Elderly Beggars”-: Before and After Rehabilitation: A Qualitative Approach	Gerontology and Geriatric Medicine	10				2.7	10.1177/23337214231222738
2893	Sahu C., Parhi D.R., Muni M.K., Kamat S.S.	Tailoring the motion planning of humanoids in complex arena: A regression-firefly-based approach	Robotica					2.7	10.1017/S0263574723001741
2894	Negi D.P., Abdul Azeez E.P., Rani A.	“The black is going”: a phenomenological study on young rural women's experience of colourism	International Journal of Sociology and Social Policy					2.7	10.1108/IJSSP-10-2023-0272
2895	Vijayakanth V., Viswanathan T., Shalini R., Manohar A., Sahu N.K., R M., Al-Asbahi B.A., Chintagumpala K.	Superparamagnetic hyperthermia and cytotoxicity properties of BiFeO ₃ nanoparticles	Applied Physics A: Materials Science and Processing	130	1			2.7	10.1007/s00339-023-07151-6
2896	Ashok G., Soundararajan A., Anbarasu A., Ramaiah S.	Elucidating the molecular role of MUC5B in progressive lung adenocarcinoma: Prospects for early diagnosis	Journal of Molecular Recognition	37	1			2.7	10.1002/jmr.3064
2897	Joshi H., Ruban Kumar A.	Magnesium- and copper-substituted strontium–aluminium–hexaferrite (SrAl ₂ Fe ₁₀ O ₁₉): synthesis and scrutiny	Applied Physics A: Materials Science and Processing	130	1			2.7	10.1007/s00339-023-07170-3

2898	Srinivasan S., Durairaju K., Deebea K., Mathivanan S.K., Karthikeyan P., Shah M.A.	Multimodal Biomedical Image Segmentation using Multi-Dimensional U-Convolutional Neural Network	BMC Medical Imaging	24	1			2.7	10.1186/s12880-024-01197-5
2899	Natarajan E., Augustin F., Saraswathy R., Narayanamoorthy S., Salahshour S., Ahmadian A., Kang D.	A bipolar intuitionistic fuzzy decision-making model for selection of effective diagnosis method of tuberculosis	Acta Tropica	252				2.7	10.1016/j.actatropica.2024.107132
2900	Ujjwal, Srinivas A.M., Kumar R., Barla P.	Blocking triggered multi-path routing with spectrum retuning in elastic optical networks	Optical Fiber Technology	83				2.7	10.1016/j.yofte.2024.103673
2901	Reddy P.L., Pasha S.K.K.	Highly Flexible Poly(vinylidene fluoride-co-hexafluoropropylene) Nanocomposites Filled with Zirconium (IV) Oxide Nanoparticles and Graphene Nanoplatelets for Smart Electronic Devices	Polymer-Plastics Technology and Materials	63	5	466	488	2.7	10.1080/25740881.2023.2296637
2902	Shaurav K., Deheri A., Rath B.N.	Understanding corruption in India: determinants, nonlinear dynamics and policy implications	International Journal of Emerging Markets					2.7	10.1108/IJOEM-08-2023-1273
2903	Julius Fusic S., Sitharthan R.	Self-adaptive learning particle swarm optimization-based path planning of mobile robot using 2D Lidar environment	Robotica					2.7	10.1017/S0263574723001819

2904	Thamba N.B., Vanapalli V.T., Duraiswamy R.P., Sonnathi N., Illuri S.S.	Comparison of ML Algorithms and Neural Networks on Fault Diagnosis of a Worm Gear	Journal of Vibration Engineering and Technologies					2.7	10.1007/s42417-023- 01256-1
2905	Mude M., Wesley J.R.	Bibliometric analysis on positive work–family interface	International Journal of Sociology and Social Policy					2.7	10.1108/IJSSP-11- 2023-0300
2906	P B.R., T S., Mansour M.A., Rashad A.M., Hossam A N., Jakeer S.	Analyzing geometric parameters in an inclined wavy-porous cavity filled with magnetic hybrid nanofluid containing a square solid block	Progress in Nuclear Energy	171				2.7	10.1016/j.pnucene.2 024.105159
2907	Anbazhagu U.V., Niveditha V.R., Bhat C.R., Mahesh T.R., Vinoth Kumar V., Swapna B.	High-Performance Technique for Item Recommendation in Social Networks using Multiview Clustering	International Journal of Computers, Communications and Control	19	1			2.7	10.15837/ijccc.2024. 1.5818
2908	Senthilnathan N., Babu T.N., Varma K.S.D., Rushmith S., Reddy J.A., Kavitha K.V.N., Prabha D.R.	Recent Advancements in Fault Diagnosis of Spherical Roller Bearing: A Short Review	Journal of Vibration Engineering and Technologies					2.7	10.1007/s42417-024- 01293-4
2909	Sannasi Chakravarthy S.R., Bharanidharan N., Vinoth Kumar V., Mahesh T.R., Alqahtani M.S., Guluwadi S.	Deep transfer learning with fuzzy ensemble approach for the early detection of breast cancer	BMC Medical Imaging	24	1			2.7	10.1186/s12880-024- 01267-8

2910	Gnanasambanthan H., Ghosh D., Hemavathy K., Tyagi A., Addy S., Maji D.	Study of electrical conductivity, biocompatibility and degradation effect of copper electrodes with hydrogel coatings for use in flexible electronics	Applied Physics A: Materials Science and Processing	130	5			2.7	10.1007/s00339-024-07444-4
2911	Usharani S., Gayathri R., Kovvuri U.S.D.R., Nivas M., Md A.Q., Tee K.F., Sivaraman A.K.	An efficient approach for automatic crack detection using deep learning	International Journal of Structural Integrity					2.7	10.1108/IJSI-10-2023-0102
2912	Pandiyan M., Babu T.N.	Systematic Review on Fault Diagnosis on Rolling-Element Bearing	Journal of Vibration Engineering and Technologies					2.7	10.1007/s42417-024-01358-4
2913	Saiteja P., Ashok B.	Investigation of Model-Based Multiphysics Analysis on Vibro-Acoustic Noise Sources Identification In Brushless DC Motor for Electric Vehicles	Journal of Vibration Engineering and Technologies	12	4	5625	5652	2.7	10.1007/s42417-023-01208-9
2914	Saha S., Perumal I., Niveditha V.R., Abbas M., Manimozhi I., Bhat C.R.	Contextual Information Based Scheduling for Service Migration in Mobile Edge Computing	International Journal of Computers, Communications and Control	19	3			2.7	10.15837/ijccc.2024.3.6143
2915	Nair S., Sridharan N.V., Chakrapani G., Vaithyanathan S.	Automotive Clutch Fault Diagnosis Through Feature Fusion and Lazy Family of Classifiers	Journal of Vibration Engineering and Technologies					2.7	10.1007/s42417-024-01362-8

2916	Alshuhail A., Thakur A., Chandramma R., Mahesh T.R., Almusharraf A., Vinoth Kumar V., Khan S.B.	Refining neural network algorithms for accurate brain tumor classification in MRI imagery	BMC Medical Imaging	24	1			2.7	10.1186/s12880-024-01285-6
2917	Albalawi E., T.R M., Thakur A., Kumar V.V., Gupta M., Khan S.B., Almusharraf A.	Integrated approach of federated learning with transfer learning for classification and diagnosis of brain tumor	BMC Medical Imaging	24	1			2.7	10.1186/s12880-024-01261-0
2918	M M.M., T. R M., V V.K., Guluwadi S.	Enhancing brain tumor detection in MRI images through explainable AI using Grad-CAM with Resnet 50	BMC Medical Imaging	24	1			2.7	10.1186/s12880-024-01292-7
2919	Ahmed S.T., Mahesh T.R., Srividhya E., Vinoth Kumar V., Khan S.B., Albuali A., Almusharraf A.	Towards blockchain based federated learning in categorizing healthcare monitoring devices on artificial intelligence of medical things investigative framework	BMC Medical Imaging	24	1			2.7	10.1186/s12880-024-01279-4
2920	Satheesh Kumar J., Vinoth Kumar V., Mahesh T.R., Alqahtani M.S., Prabhavathy P., Manikandan K., Guluwadi S.	Detection of Marchiafava Bignami disease using distinct deep learning techniques in medical diagnostics	BMC Medical Imaging	24	1			2.7	10.1186/s12880-024-01283-8

2921	Kandasamy R., Perianaika Matharasi Antonyraj A., Nainangu P., Sophiya M., Karuppasamy R., Nallusamy S., Ganapathy D., Dharumadurai D.	Histological validation of in-vivo larvicidal efficacy of marine Streptomyces sp. RD06 secondary metabolites against filariasis causing Culex quinquefasciatus and statistical media optimization for larvicidal derivatives production	Acta Tropica	255				2.7	10.1016/j.actatropica.2024.107226
2922	Aravamudhan V., Sivakumar K., Vishnu C.R., Mohanasundaram K.	Challenges faced by women entrepreneurs in rural India: A mixed-method study on perception	International Journal of Entrepreneurship and Innovation					2.7	10.1177/14657503241254954
2923	Persiya J., Sasithradevi A.	Thermal mapping the eye: A critical review of advances in infrared imaging for disease detection	Journal of Thermal Biology	121				2.7	10.1016/j.jtherbio.2024.103867
2924	Kumar S., Hoque S., Bharti D., Saha R., Bhowmick B.	Investigation of Optical Parameters in Ge source SELBOX Tunnel FET under Visible Spectrum	Micro and Nanostructures	193				2.7	10.1016/j.micrna.2024.207915
2925	Panicker R.R., Vijai Anand A.S., Boominathan T., Pandya C., Sivaramakrishna A.	Catalytic ethylene oligomerization reactions of terpyridine (NNN)-based nickel(II) complexes – Studies on catalytical intermediates	Inorganica Chimica Acta	571				2.7	10.1016/j.ica.2024.122210

2926	Subramaniyan M., Pathak M.	New bioactive titanium(IV) derivatives with their DFT, molecular docking, DNA/BSA interaction, antioxidant and in-vitro investigations	Inorganica Chimica Acta	571				2.7	10.1016/j.ica.2024.122191
2927	Salaimanimagudam M.P., Jayaprakash J.	Optimal selection of cable reinforcement for concrete 3D printed lattice beam	Materials Letters	371				2.7	10.1016/j.matlet.2024.136890
2928	Malladi R.C., Selvaraj T.	Influence of relative humidity on carbon sequestration and crystal morphology of air lime: A sustainable building material	Materials Letters	370				2.7	10.1016/j.matlet.2024.136838
2929	Venugopal A., Sudhagar P E.	Dual-scale reinforcement of co-cure single lap joints through graphene nanoparticles and CFRP Z-pin	Materials Letters	370				2.7	10.1016/j.matlet.2024.136833
2930	Saad Patel M., Rahaman A., Jose Immanuel R.	Tribological profiling of Mg-Gd-Y Alloy: Investigating sliding wear dynamics under varied temperature conditions	Materials Letters	370				2.7	10.1016/j.matlet.2024.136808
2931	Krishnasamy P., Mylsamy G., Arulvel S., Rajamurugan G., Akepati D., Harinath Reddy P., Prabhat Surya A.	Enhancement of electromagnetic interference shielding properties of hemp fiber sandwiched carbon fiber composites using electroless NiP coating	Materials Letters	369				2.7	10.1016/j.matlet.2024.136761

2932	Viswanathan T., David E., Prabu S., Mishra K., Prakash M., Shanmugan S., Palanisami N.	Effect of the phenyl group on the non-linear optical (NLO) and aggregation induced emission (AIE) properties of ferrocene conjugated linear D- π -A/D- π -A- π -A chromophores	New Journal of Chemistry	48	23	10717	10729	2.7	10.1039/d4nj01199f
2933	Krishnasamy R., Obbineni J.M.	Synthesis of a superabsorbent hydrogel from Artocarpus heterophyllus Lam seed polysaccharides and its application in relieving drought stress in plants	Journal of Applied Polymer Science					2.7	10.1002/app.55862
2934	Manna K., Banerjee M., Petrovskii S.	On the structural sensitivity of some diffusion–reaction models of population dynamics	Physica D: Nonlinear Phenomena	467				2.7	10.1016/j.physd.2024.134220
2935	Reshma M.S., Singh K.S.	Role of PBL and air-sea flux parameterization schemes in the forecast of super cyclone Amphan and ESCS Phailin in the cloud-resolving scale using WRF-ARW model	Modeling Earth Systems and Environment					2.7	10.1007/s40808-024-02072-6
2936	Premkumar T., Sajitha Lulu S.	Targeting key players in Alzheimer’s disease: bioactive compounds from Moringa oleifera, Desmodium gangeticum, and Centella asiatica as potential therapeutics	Journal of Biomolecular Structure and Dynamics					2.7	10.1080/07391102.2024.2335300

2937	Ramalingam P.S., Italiya G., Elangovan S., Mishra R.A.K., Aranganathan M., Rajangam E., Sukumar N., Patel B.Y., Janaki Ramaiah M., Subramanian S., Arumugam S.	Computational identification and experimental validation of potential inhibitors of JAK1 kinase from natural source for the effective treatment of colorectal adenocarcinoma	South African Journal of Botany	171		412	424	2.7	10.1016/j.sajb.2024.06.028
2938	Poudel U., Jose T.P.	Influence of Artificial Intelligence on the Future of Psychiatry: Insights from Recent Advancements	Psychiatry (New York)					2.7	10.1080/00332747.2024.2360373
2939	Karthikeyan N., Naveen J.	Effect of surface modified adherend and nanofiller modified adhesives on the shear behaviour of single lap joints: a mini review	Journal of Adhesion Science and Technology					2.7	10.1080/01694243.2024.2362297
2940	Girija M., Kumar T.S.	A comparative investigation on the development of porous-structured Akermanite ($\text{Ca}_2\text{MgSi}_2\text{O}_7$) via ball milling, sol-gel, and combination (hybrid) process for orthopedic applications	Journal of Materials Research					2.7	10.1557/s43578-024-01378-6
2941	Sandeep S.D., Mohanty S.	A wild horse-assisted decentralized control strategy for a PV-battery energy storage system in a DC microgrid	Evolving Systems					2.7	10.1007/s12530-024-09597-2

2942	Krishna R., Jayanthi D., Shylu Sam D.S., Kavitha K., Ilanchezhian P., Srujana B.	Analysis of nano sheet field effect transistor based on performance under different temperature and doping concentrations for 12 nm device	Micro and Nanostructures	194				2.7	10.1016/j.micrna.2024.207929
2943	Shobika M., Roopan S.M.	Enhanced visible-light-active photocatalysts: incorporating bismuth tungstate into graphitic carbon nitride for an efficient condensation reaction	New Journal of Chemistry					2.7	10.1039/d4nj01370k
2944	Kumar Palaniyappan S., Eswaramoorthy N., Arjun Kumar B., Senthilkumar N., Vijayan V., Ramalingam G., Saminathan M.	Enhancing the TiO ₂ light harvesting ability boosted by Sr ₂ FeTeO ₆ additives in DSSCs	Materials Letters	371				2.7	10.1016/j.matlet.2024.136934
2945	Hota N.P., Iyer S.K.	Ixora coccinea flower-derived green luminescent carbon quantum dots for Fe ³⁺ recognition and preparation of Pd nanoparticles for the Suzuki-Miyaura coupling and cyanation process	New Journal of Chemistry					2.7	10.1039/d4nj02217c

2946	Chien Nguyen C., Thanh Mai Ong N., Nirmala Grace A., Nguyen-Tri P., Choi H., Tuan Nguyen Dinh M., Le Q.V.	Metal single atom photocatalysts for sunlight- driven hydrogen production: Recent and future development	Materials Letters	372				2.7	10.1016/j.matlet.20 24.136983
2947	Nag S., Stany B., Mishra S., Kumar S., Mohanto S., Ahmed M., Mathew B., Subramaniyan V.	Multireceptor Analysis for Evaluating the Antidiabetic Efficacy of Karanjin: A Computational Approach	Endocrinology, Diabetes and Metabolism	7	4			2.7	10.1002/edm2.509
2948	Revathi R., Poornima T.	Suction influence on magneto- convective fluid flow embedded in a permeable media under internal friction	Journal of Applied Physics	136	2			2.7	10.1063/5.0206115
2949	T R M., Gupta M., T A A., Kumar V V., Geman O., Kumar V D.	An XAI-enhanced efficientNetB0 framework for precision brain tumor detection in MRI imaging	Journal of Neuroscience Methods	410				2.7	10.1016/j.jneumeth. 2024.110227
2950	Ashokan I., Bhunia S.K.	Bright yellow fluorescent carbon dots as selective nanoprobe for detection of 2- nitrophenol and 4- nitrophenol in aqueous medium	Inorganica Chimica Acta	573				2.7	10.1016/j.ica.2024.1 22312
2951	Prabu S., Fagnani F., Colombo A., Dragonetti C., Roberto D., Mathivathanan L., Palanisami N.	Effect of substitution on second-order nonlinear optical properties of ferrocene appended donor- π - acceptor Y-shaped trifluoromethyl imidazole chromophores	New Journal of Chemistry	48	33	14764	14772	2.7	10.1039/d4nj02079k

2952	Vinoth Kumar P., Madhumitha G.	Microwave-assisted synthesis of 4-amino pyrimidine analogues using eco-friendly NiTiO ₃ nanoparticle supported montmorillonite K30 as a heterogeneous catalyst	New Journal of Chemistry	48	32	14410	14419	2.7	10.1039/d4nj02235a
2953	Gnanasekar S., Santhosh B., Rajamohan V., Raj V., Elangovan H., Barathan V.	Strength and stability analysis of composite inverted conical structure	International Journal of Mechanics and Materials in Design					2.7	10.1007/s10999-024-09723-7
2954	Pasuparthi S.D., Somkuwar P., Kali V., Somanahalli Kalleshappa A.K., Maiti B.	Synthesis of dimeric indoles from Friedel-Crafts reaction of indoles with ketones catalysed by a Brønsted acid ionic liquid and their interactions with BSA and DNA	New Journal of Chemistry	48	34	14904	14923	2.7	10.1039/d4nj02651a
2955	Vigneshwari A., Jayaprakash J.	Unleash the potential of mechanically activated Iron ore tailings in cement mortar containing silica fume and fly ash	Materials Letters	372				2.7	10.1016/j.matlet.2024.137052
2956	Sadeer N.B., Varghese R., Ramamoorthy S., Zengin G.	Coordination and bioinorganic chemistry at the heart of metallodrugs: Knowledge gaps and future directions	Inorganica Chimica Acta	572				2.7	10.1016/j.ica.2024.122294

2957	Kashyap P., Patel M.S., Upadhyay C., Sharma M., Gahir S., Tamang S.K., Kathiresan M., Gangopadhyay S., Jain R., Immanuel R.J.	A novel sustainable AZ31 based Mg matrix composite reinforced with recycled IN718 powder for circular materials economy	Materials Letters	377					2.7	10.1016/j.matlet.2024.137379
2958	Sriraman H., Badarudeen S., Vats S., Balasubramanian P.	A Systematic Review of Real-Time Deep Learning Methods for Image-Based Cancer Diagnostics	Journal of Multidisciplinary Healthcare	17		4411	4425		2.7	10.2147/JMDH.S446745
2959	Deebika P., Saravanakumar M.P.	Effect of L-glutamic acid as hydrogen generation inhibitor on aluminum waste	Materials Letters	376					2.7	10.1016/j.matlet.2024.137321
2960	Vinothraj U.T., Anthony Xavier M.	Grain boundary behaviour and impact fractography of cryogenic treated AISI 316L manufactured by laser powder bed fusion	Materials Letters	377					2.7	10.1016/j.matlet.2024.137413
2961	Ravi V.S., Nagaraju D.	Study of mechanical and metallurgical properties of wire arc additively manufactured inconel 718 alloy	Materials Letters	377					2.7	10.1016/j.matlet.2024.137432
2962	P S.H., Kumar A., K P R.	Local and global dynamics of a prey-predator system with fear, Allee effect, and variable attack rate	Chaos (Woodbury, N.Y.)	34	9				2.7	10.1063/5.0227458

2963	Salman M., Das P.K., Mohanty S.K.	An Integrated Framework for Infectious Disease Control Using Mathematical Modelling and Deep Learning	IEEE Open Journal of Engineering in Medicine and Biology					2.7	10.1109/OJEMB.2024.3455801
2964	Jeevanantham R.; Nagaraju D.	Impact of electroless Ni-P coated pumice particles on the mechanical properties of scrap aluminium metal matrix composites	Materials Letters	377				2.7	10.1016/j.matlet.2024.137491
2965	Kavitha S.; Ezhil Vizhi R.	Investigation on growth, structural, mechanical, linear and nonlinear optical properties of DiLithium Fumarate TetraHydrate single crystal	Materials Letters	377				2.7	10.1016/j.matlet.2024.137433
2966	Balaji S.; Rajesh M.	Enhancing strength and stiffness of GFRP joint via 3-Glycidyloxypropyl-trimethoxysilane modified glass powder and co-cure manufacturing technique	Materials Letters	377				2.7	10.1016/j.matlet.2024.137542
2967	Adam M.; Rajendrakumar K.	Upcycling polyester fleece fabric waste into sustainable composites using glass microsphere modified epoxy matrix: performance investigation	Journal of Material Cycles and Waste Management	26	6	3757	3776	2.7	10.1007/s10163-024-02075-6
2968	Priyanka T.M.C.; Gowrisankar A.; Banerjee S.	Mpox outbreak: Time series analysis with multifractal and deep learning network	Chaos (Woodbury, N.Y.)	34	10			2.7	10.1063/5.0236082

2969	Pradhan A.; Khatua K.K.; Sahoo K.K.; Mohanta A.; Beulah M.; Sudhir M.R.	Bed shear stress distribution across a meander path	Journal of Water and Climate Change	15	9	4220	4236	2.7	10.2166/wcc.2024.682
2970	Gayathri S.S.; Logeshwaran A.; Deepan K.; Puthillam U.; Prafulbhai Sinojiya F.; Nayak S.; Elsen R.	Characterization of robocasted graphene and graphene oxide reinforced scaffold structures for bone regeneration	New Journal of Chemistry	48	37	16297	16310	2.7	10.1039/d4nj02194k
2971	Rooban Kumar R.; Senthil Pandian M.	Utilisation of solid waste polyurethane foam as coarse aggregate in concrete: an experimental study with ecological and cost assessment	Journal of Material Cycles and Waste Management					2.7	10.1007/s10163-024-02106-2
2972	Nithin Mithra S.; Ahankari S.S.	Biogas purification using cellulose nanocrystals/polyvinyl alcohol coated facilitated transport hollow fiber membranes with L-arginine as CO ₂ carrier	Journal of Applied Polymer Science					2.7	10.1002/app.56332
2973	Manzoor I.; Vijayaraghavan R.	ZnO ₂ -SnO ₂ : a new, efficient heterojunction composite for the rapid and enhanced photocatalytic degradation of rhodamine B dye and moxifloxacin under UV irradiation and sunlight	New Journal of Chemistry					2.7	10.1039/d4nj03148b

2974	Ganapathy S.B.; Sakthivel A.R.	Functionally graded polymers and ceramic adhesives: dynamic, viscoelastic, and thermal stability analysis	Journal of Adhesion Science and Technology					2.7	10.1080/01694243.2024.2409948
2975	Kuruthukulangara N.; Asharani I.V.	Biosynthesized MgO NPs and Their Environmental Applications-A Short Review	Journal of Cluster Science					2.7	10.1007/s10876-024-02705-x
2976	Purushothaman P.; Karpagam S.; Katiyan M.R.; Sakvai M.S.	Anticorrosive performance of thiophene-based inhibitor-reinforced PVB coating on mild steel: an inclusive approach to the structural advantage of corrosion inhibitors	New Journal of Chemistry	48	47	19900	19911	2.7	10.1039/d4nj03239j
2977	Ganesan M.; Muthaiah C.; Manimaran K.; Kumar S.; Yanto D.H.Y.; AlAnazi K.M.; R J.; Arulraj A.; Paunkumar P.; Mangalaraja R.V.	Biosynthesis and characterization of Lissachatina fulica snail mucus (LfSM)-mediated iron oxide (Fe ₂ O ₃) nanoparticles: Antibacterial and anticancer efficiency	South African Journal of Botany	175	0	732	743	2.7	10.1016/j.sajb.2024.10.045
2978	Musthafa J.M.; Mandal B.K.	Different metal-doped NiO nanoparticles for sunlight-mediated degradation of low-density polyethylene microplastic films	Photochemical and Photobiological Sciences	23	11	2091	2105	2.7	10.1007/s43630-024-00653-z

2979	Vignesh K.; Napoleon A.A.; Kumar A.S.	Electrochemical Oxidative Degradation and Trapping of the Mefenamic Acid Drug as a Redox-Active Hydroxy Metabolite on a Carbon Black Surface: Mediated Oxidation and Sensing of Thiol Biomarker	Electrocatalysis	0	0	0	0	2.7	10.1007/s12678-024-00907-5
2980	Tamilarasi S.; Kumar R.S.; Srinivasan T.; Yoo D.J.	Enhanced oxygen evolution and urea oxidation reaction using a nanosheet-structured NiO@P-doped carbon composite as an anode catalyst	New Journal of Chemistry	48	42	18329	18339	2.7	10.1039/d4nj03115f
2981	Karthikeyan N.; Naveen J.	Flexural and vibration behaviour of co-cured CFRP composite joints with MWCNT-modified adhesive	Journal of Adhesion Science and Technology	0	0	0	0	2.7	10.1080/01694243.2024.2422426
2982	Rai N.; Sarkar R.; Mahajan A.; Laha A.; Saha D.; Ganguly S.	Investigation of defect states in AlGa _N /Ga _N high electron mobility transistors by small-signal admittance analysis	Journal of Applied Physics	136	16	0	0	2.7	10.1063/5.0228156
2983	Sever M.; Tatlıoğlu O.; Almeida T.C.; Abdul Azeed E.P.; Caridade S.; Cunha O.	Resilience and hopelessness mediate the relationship between benevolent childhood experiences and life satisfaction: evidence from a cross-cultural study	BMC Psychology	12	1	0	0	2.7	10.1186/s40359-024-02134-5
2984	Johnvictor A.C.; Poonkodi M.; Sankar N.P.; Thinesh V.S.	TinyML-Based Lightweight AI Healthcare Mobile Chatbot Deployment	Journal of Multidisciplinary Healthcare	17	0	5091	5104	2.7	10.2147/JMDH.S483247

2985	Panicker R.R.; Joseph S.; Dharani S.; John M.L.; Kuriappan A.T.; Abraham J.T.; Abdul Majeed S.; Pavankumar B.B.; Ashok Kumar S.K.; Sivaramakrishna A.	A highly lipophilic terpyridine ligand as an efficient fluorescent probe for the selective detection of zinc(ii) ions under biological conditions	Analytical Methods	0	0	0	0	2.7	10.1039/d4ay01818d
2986	Prathima T.S.; Chanda K.; Balamurali M.M.	Computational analysis of molecular details on the interaction of C,N-cyclometalated 2H-indazole Ru(II) and Ir(III) complexes with cancer protein targets	Inorganica Chimica Acta	576	0	0	0	2.7	10.1016/j.ica.2024.122456
2987	Chatterjee D.; Sivashanmugam K.	Computational approach towards repurposing of FDA approved drug molecules: strategy to combat antibiotic resistance conferred by Pseudomonas aeruginosa	Journal of Biomolecular Structure and Dynamics	0	0	0	0	2.7	10.1080/07391102.2024.2431666
2988	Santhosh M.; John Rajan A.; Sampath Kumar T.; Vinoth Jebaraj A.; Kannan B.	Impact of reverse Marangoni convection and arc constriction on flux-based TIG welding processes of AISI 304L stainless steel	Journal of Materials Research	0	0	0	0	2.7	10.1557/s43578-024-01478-3
2989	Gurjar B.P.; Rathore A.S.; Yadav R.; Jain R.; Gurjar A.K.; Srinivasan BN G.; Pakkiriswami S.; Natarajan S.; Nagarajan U.	Mechanism to disrupt ESCRT-mediated intracellular trafficking through Vps28-small molecules interaction: an in silico approach	Journal of Biomolecular Structure and Dynamics	0	0	0	0	2.7	10.1080/07391102.2024.2437518

2990	Sishu N.K.; Karunakaran M.K.R.; Hadkar V.M.; Mohanty C.; Sharmila A.; Selvaraj C.I.; Babu N.G.	Phyto-mediated synthesis of SnO ₂ nanoparticles using Croton malabaricus Bedd. for its antioxidant, antibacterial, hemocompatibility properties and photocatalytic activity	New Journal of Chemistry	0	0	0	0	2.7	10.1039/d4nj03958k
2991	Joseph S.; Somkuwar P.; Menon G.G.; Rajesh A.C.; Selvam P.; Ramasamy S.K.; Bhaskar R.; Kumar S.K.A.	Smartphone-assisted colorimetric detection of nickel(ii) ions using a novel benzothiazole-quinoline dyad in semi-aqueous media	Analytical Methods	0	0	0	0	2.7	10.1039/d4ay01574f
2992	Sellamuthu K., Angappan S.	Formulation and Characterization of Interpenetrating Polymer Network Hydrogel Bead as Drug Carrier System for Extended Release of Sulphonyl Urea Medication	Journal of Pharmaceutical Innovation	19	1			2.6	10.1007/s12247-024-09811-3
2993	Balaji P., Ranjan Prusty M.	Multimodal fusion hierarchical self-attention network for dynamic hand gesture recognition	Journal of Visual Communication and Image Representation	98				2.6	10.1016/j.jvcir.2023.104019
2994	Kanimozhi M., Sudhakar M.S.	Octagonal lattice-based triangulated shape descriptor engaging second-order derivatives supplementing image retrieval	Journal of Visual Communication and Image Representation	98				2.6	10.1016/j.jvcir.2023.104005
2995	Sekar M., Thirumurugan K.	Autophagic Regulation of Adipogenesis Through TP53INP2: Insights from In Silico and In Vitro Analysis	Molecular Biotechnology					2.6	10.1007/s12033-023-01020-6

2996	Jogunuri S., Josh F.T., Stonier A.A., Peter G., Jayaraj J., Jaganathan S., Jency Joseph J., Ganji V.	Random forest machine learning algorithm based seasonal multi-step ahead short-term solar photovoltaic power output forecasting	IET Renewable Power Generation					2.6	10.1049/rpg2.12921
2997	Gundavarapu V., Gowtham P., Anita Angeline A., Sasipriya P.	Design and evaluation of low power and area efficient approximate Booth multipliers for error tolerant applications	Microprocessors and Microsystems	106				2.6	10.1016/j.micpro.2024.105036
2998	Supraja N., Karpagam S.	Chemo-selective onsite detection of copper ion by crown ether affixed benzothiazole derivatives corroborated with density functional theory	Polyhedron	252				2.6	10.1016/j.poly.2024.116882
2999	Nallakaruppan M.K., Chowdhary C.L., Somayaji S., Chaturvedi H., R S., Rauf H.T., Sharaf M.	Comparative analysis of GAN-based fusion deep neural models for fake face detection	Mathematical biosciences and engineering : MBE	21	1	1625	1649	2.6	10.3934/mbe.2024071
3000	Aala Kalananda V.K.R., Komanapalli V.L.N.	Hybrid evolutionary grey wolf optimizer for constrained engineering problems and multi-unit production planning	Evolutionary Intelligence					2.6	10.1007/s12065-024-00909-8

3001	Karthika S., Sivasubramanian K., Dhevagi P., Thavamani P., Rajkishore S.K., Amrutha V.M., Sudhakaran R., Chitra N., Lakshmanan A.	Distribution pattern and risk assessment of microplastics contamination in different agricultural systems	International Journal of Environmental Analytical Chemistry					2.6	10.1080/03067319.2 024.2309553
3002	Pasha S.A., Mohamad N.M.V.	A modified LSTM with QoS aware hybrid AVO algorithm to enhance resource allocation in D2D communication	Eurasip Journal on Wireless Communications and Networking	2024	1			2.6	10.1186/s13638-024- 02339-7
3003	Musuvathi A.S.S., Archbald J.F., Velmurugan T., Sumathi D., Renuga Devi S., Preetha K.S.	Efficient improvement of energy detection technique in cognitive radio networks using K-nearest neighbour (KNN) algorithm	Eurasip Journal on Wireless Communications and Networking	2024	1			2.6	10.1186/s13638-024- 02338-8
3004	Prethija G., Katiravan J.	EAMR-Net: A multiscale effective spatial and cross- channel attention network for retinal vessel segmentation	Mathematical Biosciences and Engineering	21	3	4742	4761	2.6	10.3934/mbe.20242 08
3005	Panchal N.K., Samdani P., Sengupta T., Prince S.E.	Computational Analysis of Non-synonymous SNPs in ATM Kinase: Structural Insights, Functional Implications, and Inhibitor Discovery	Molecular Biotechnology					2.6	10.1007/s12033-024- 01120-x

3006	Munuswamy Selvaraj K., Gnanagurusubbiah S., Roby Roy R.R., John peter J.H., Balu S.	Enhancing skin lesion classification with advanced deep learning ensemble models: a path towards accurate medical diagnostics	Current Problems in Cancer					2.6	10.1016/j.currproblcancer.2024.101077
3007	E S.S.A., Sharma Y., J R., Shankar V.	A comparative assessment of microbial biodiesel and its life cycle analysis	Folia Microbiologica					2.6	10.1007/s12223-024-01153-4
3008	Mahadevi P., Sumathi S., Mehta A.	Ternary Schiff base metal (II) complexes with N,N,N',N'-Tetramethylethylenediamine: Influence of secondary chelates on antimicrobial, scavenging activity, DNA interaction and cytotoxicity	Polyhedron	255				2.6	10.1016/j.poly.2024.116951
3009	Savitha S., Pounambal M.	Locality-constraint Representation with Minkowski distance metric for an effective Face Hallucination	Journal of Visual Communication and Image Representation	100				2.6	10.1016/j.jvcir.2024.104142
3010	Satheeshkumar K.G., Arunachalam V., Deepika S.	Hand-held GPU accelerated device for multiclass classification of X-ray images using CNN model	Microprocessors and Microsystems	106				2.6	10.1016/j.micpro.2024.105046
3011	Saman S., Jamjala Narayanan S.	Optimal feature subset selection for MRI brain tumor classification using improved ant-lion optimization	Evolutionary Intelligence					2.6	10.1007/s12065-024-00925-8

3012	Basu S., Veeraraghavan B., Anbarasu A.	Anti-bacterial compounds from Indian curry-leaf tree <i>Murraya koenigii</i> have potential to inhibit carbapenem-resistant <i>Streptococcus pneumoniae</i>	Clinical Epidemiology and Global Health	28				2.6	10.1016/j.cegh.2024.101511
3013	Vijayakumar V.E., Vijayalakshmi M.A., Lacroix-Desmazes S., Venkataraman K.	The use of <i>Bacillus subtilis</i> as a cost-effective expression system for production of Cholera Toxin B fused factor VIII epitope regions applicable for inducing oral immune tolerance	Folia Microbiologica					2.6	10.1007/s12223-024-01166-z
3014	Prajzendanc P., Palka R., Paplicki P., Wardach M., Cichowicz M., Cierzniwski K., Dorobczynski L., Gundabattini E.	Improving the Efficiency of the Axial Flux Machine with Hybrid Excitation	Electronics (Switzerland)	13	11			2.6	10.3390/electronics13112219
3015	Chandrakumar D., Arumugam V., Vasudevan A.	Exploring presenteeism trends: a comprehensive bibliometric and content analysis	Frontiers in Psychology	15				2.6	10.3389/fpsyg.2024.1352602
3016	Kumar D.A., Murugesan M.	Design and analysis of the polypyrrole (PPy) composites for electromagnetic compatibility	Journal of Polymer Research	31	7			2.6	10.1007/s10965-024-04043-y
3017	Panneerselvam G., Mani P.	Non-fragile event-triggered control for PMSM model with stochastic disturbances	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-024-01199-y

3018	Chandrika P., Rajivganthi C.	Control analysis of fractional-order extracellular delayed Hepatitis C virus model	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-024-01202-6
3019	Subramaniam S., Mani P.	Adaptive synchronization of the switching stochastic neural networks with time-dependent delays	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-024-01198-z
3020	Santhosh Raj S., Ghosh N., Re N., Saravanan M.P.	Investigation on specific heat and Raman spectroscopy of YbFe ₂ As ₂	Physica Scripta	99	7			2.6	10.1088/1402-4896/ad5478
3021	Wagh M.S., Sivarajan S., Osborne J.W.	Deciphering the enhanced translocation of Pb, Ni and Cd from artificially polluted soil to <i>Chrysopogon zizanioides</i> augmented with <i>Bacillus xiamenensis</i> VITMSJ3	3 Biotech	14	7			2.6	10.1007/s13205-024-04001-x
3022	Roy A., Swetha R.G., Basu S., Biswas R., Ramaiah S., Anbarasu A.	Integrating pan-genome and reverse vaccinology to design multi-epitope vaccine against Herpes simplex virus type-1	3 Biotech	14	7			2.6	10.1007/s13205-024-04022-6
3023	Sangma J., Baitha A.R., Chakraborty M.	Observation of electron temperature anisotropy in the magnetic filter of a hot cathode discharge	Physica Scripta	99	6			2.6	10.1088/1402-4896/ad4d26
3024	Parasuraman E., Muniyappan A., Ravichandran R.	Dynamics of switching optical soliton in fiber with sixth order dispersion and inter modal dispersion	Physica Scripta	99	6			2.6	10.1088/1402-4896/ad4d20

3025	Sengupta P., Lakshminarayanan K.	Motor imagery of finger movements: Effects on cortical and muscle activities	Behavioural Brain Research	471					2.6	10.1016/j.bbr.2024.115100
3026	Murali T., Devendiran S., Venkatesan K.	A Hybrid Algorithm-Based Comparative Analysis of a Newly Designed Tool Holder During the Machining of Hastelloy-B3 with MQL	Arabian Journal for Science and Engineering						2.6	10.1007/s13369-024-09218-9
3027	Ragavi S.P., Thirumalai D., Asharani I.V.	A Review on Small Organic Colorimetric and Fluorescent Hosts for the Detection of Cobalt and Nickel Ion	Journal of Fluorescence						2.6	10.1007/s10895-024-03807-5
3028	Mukherjee A.G., Gopalakrishnan A.V.	Anti-sperm Antibodies as an Increasing Threat to Male Fertility: Immunological Insights, Diagnostic and Therapeutic Strategies	Reproductive Sciences						2.6	10.1007/s43032-024-01610-y
3029	Ordenshiya K.M., Revathi G.K.	A comparative study of simulink fuzzy inference system time series method and traditional time series methods for forecasting the air quality index	European Physical Journal: Special Topics						2.6	10.1140/epjs/s11734-024-01220-4
3030	Anoop P.P., Deivanathan R.	Advancements in low light image enhancement techniques and recent applications	Journal of Visual Communication and Image Representation	103					2.6	10.1016/j.jvcir.2024.104223

3031	Sri Lekha P.P., Abdul Azeez E.P., Singh A., Irshad C.V.	Association of nature of work and work-related characteristics with cognitive functioning, life satisfaction and depression among Indian ageing adults	International Archives of Occupational and Environmental Health					2.6	10.1007/s00420-024-02089-5
3032	Abraham D., Toftegaard Ø., D. R B.B.J., Gebremedhin A., Yildirim Yayilgan S.	Consequence simulation of cyber attacks on key smart grid business cases	Frontiers in Energy Research	12				2.6	10.3389/fenrg.2024.1395954
3033	Gandhimathi R., Gowrisankar A.	Dynamic analysis on Liu system under fractal–fractional differentiation	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-024-01218-y
3034	Vijayan V., Murali R.	Effect of calcination temperature on structural, optical, and morphological properties of $RAIO_3$ (R = La, Sm) perovskite oxides	Physica Scripta	99	8			2.6	10.1088/1402-4896/ad629c
3035	Karthikeyan B., Manikandan N.	Effect of La_2O_3 on the optical, thermal, structural and radiation shielding properties of TeO_2 - ZnO - BaO glasses	Physica Scripta	99	8			2.6	10.1088/1402-4896/ad5c13
3036	Priyanka T.M.C., Gowrisankar A., Banerjee S.	Fractal perspective on dynamics of dark matter and dark energy interactions	Nonlinear Analysis: Modelling and Control	29	4	625	640	2.6	10.15388/namc.2024.29.34948
3037	Nikhil U.V., Pandiyan A.M., Raja S.P., Stamenkovic Z.	Machine Learning-Based Crop Yield Prediction in South India: Performance Analysis of Various Models	Computers	13	6			2.6	10.3390/computers13060137

3038	Anand N., Selvaraj S.K.	Mechanical, Microstructural and Wear Studies of a Ceramic Hybrid Reinforced ZE41 Magnesium Metal Matrix Composite Through Stir Casting Route	International Journal of Metalcasting					2.6	10.1007/s40962-024-01392-8
3039	Karthik A., Ghosh M.	Modeling of COVID-19 with vaccination and optimal control	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-024-01246-8
3040	Sasithradevi A., nathan S., Chanthini B., Subbulakshmi T., Prakash P.	MonuNet: a high performance deep learning network for Kolkata heritage image classification	Heritage Science	12	1			2.6	10.1186/s40494-024-01340-z
3041	Geetha A., Usha S., Padmanabhan J.B., Palanisamy R., Alexander A., Peter G., Ramkumar R., Ganji V.	Performance evaluation of coloured filters on PV panels in an outdoor environment	IET Renewable Power Generation					2.6	10.1049/rpg2.13040
3042	Chellamuthu S.N., Ganapathy G.P.	Quantifying the impact of changing rainfall patterns on landslide frequency and intensity in the Nilgiris District of Western Ghats, India	Progress in Disaster Science	23				2.6	10.1016/j.pdisas.2024.100351
3043	Brahmendra Kumar G.V., Palanisamy K., De Tuglie E.	Ramp-rate control for power quality improvement of renewable grid-integrated microgrid with hybrid energy storage system	Frontiers in Energy Research	12				2.6	10.3389/fenrg.2024.1387908

3044	Kiruthika R., Manivannan A.	Robust sampled-data synchronization of chaotic fractional variable order neural networks with time delays	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-024-01242-y
3045	Nivetha T., Bindu B., Noor Ain K.	The effect of switching and cycle-to-cycle variations of RRAM on 4-bit encryption/decryption process	Microelectronic Engineering	293				2.6	10.1016/j.mee.2024.112244
3046	Iyengar S.Y., Ravi D., John B., Paramasivam S., Rajagopal T.K.R.	Three-Dimensional Numerical Studies on Optimizing the Discharge Coefficient of Screech Holes Resembling that of an Afterburner Using CFD Technique	Arabian Journal for Science and Engineering					2.6	10.1007/s13369-024-09217-w
3047	Sambasivam K., Kuppan P., Laila L.S., Rajamohan N., Abinandan S.	Valorizing Azolla pinnata Biomass for Sustainable Bioenergy Production: A Novel Catalyst Transesterification Approach	Waste and Biomass Valorization					2.6	10.1007/s12649-024-02635-9
3048	Agarwal N., Rangamani A., Bhavsar K., Virnodkar S.S., Fernandes A.A.A., Chadha U., Srivastava D., Patterson A.E., Rajasekharan V.	An overview of carbon-carbon composite materials and their applications	Frontiers in Materials	11				2.6	10.3389/fmats.2024.1374034

3049	Masuda U., Sahu S., Tripathi L.N.	Recent progress and opportunities in 2D-material quantum dots: synthesis, doping, characterization, and applications	Physica Scripta	99	7			2.6	10.1088/1402-4896/ad5475
3050	Tharun S.B., Jagatheswari S.	A U-shaped CNN with type-2 fuzzy pooling layer and dynamical feature extraction for colorectal polyp applications	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-024-01298-w
3051	Mohanapriya S., Harshavarthini S.	Active disturbance reduction scheme for descriptor semi-Markovian jump systems with nonlinear uncertainties	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-024-01275-3
3052	Iyyappan G., Govindaraj N., Singh A.K., Nirmala C., Shukla P., Yadav D.	Analysis of MHD micropolar fluid flow over a vertical plate with regular and irregular boundaries	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-024-01251-x
3053	Gomathi A., Alagumuthu M., Sai P.K.J.G., Madhyastha H., Jayaraj R., Muthukailannan G.K.	Apoptosis-inducing Metabolite from Marine Mangrove Actinobacteria VITGAP173	Anti-cancer agents in medicinal chemistry	24	13	1009	1015	2.6	10.2174/1871520622666220523155905
3054	Dora R.R., Mohanty S.K.	Bragg resonance due to an undulated elastic bottom in the presence of current	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-024-01299-9
3055	Rajendran M., Balakrishnan S.	Characterizing nonclassical correlation via local channels	Physica Scripta	99	9			2.6	10.1088/1402-4896/ad65c7

3056	Angelin Shena S., Manimaran J., Sethukumarasamy K., Shangerganesh L.	Convergence of BDF2- Galerkin finite element scheme for cancer invasion model	European Physical Journal: Special Topics					2.6	10.1140/epjs/s1173 4-024-01272-6
3057	Shamala V., Asha Devi S.	Deciphering the genetic impact of signal peptide missense CTLA-4 polymorphism with rheumatoid arthritis in the Indian population: A case- control and in silico studies	Gene	930				2.6	10.1016/j.gene.2024 .148819
3058	Subramaniam R., Annamalai M., Joo Y.H.	Design of sampled-data controller for T–S fuzzy system with the refined fractional delayed-state and its applications	European Physical Journal: Special Topics					2.6	10.1140/epjs/s1173 4-024-01268-2
3059	Padmaja N.	Designing sampled data controller for time-delayed fractional-order neural networks via a new functional approach	European Physical Journal: Special Topics					2.6	10.1140/epjs/s1173 4-024-01261-9
3060	Philip A., Ruban Kumar A.	Effect of graphite concentration on the electrochemical performance of a novel α -MnO ₂ -expanded graphite-PVDF composite cathode material based on FTO substrate	Physica Scripta	99	8			2.6	10.1088/1402- 4896/ad65c4

3061	Kandoth S., Shekhar S.K.	Employees' intrinsic motivation in mediating the relationship between perceived ambidextrous organizational culture and innovative behaviour in the Indian IT sector	Learning Organization					2.6	10.1108/TLO-03-2024-0089
3062	Sai S.A., Chakrapani G., Annamalai K., Sugumaran V.	Enhanced fault detection in automobile clutch system using CATboost with feature fusion method	Physica Scripta	99	9			2.6	10.1088/1402-4896/ad6aa3
3063	Nithiya K.S., Easwaramoorthy D.	Enumeration of multivariate independence polynomial for iterations of Sierpinski triangle graph	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-024-01304-1
3064	Suhas V.S., Shanmugapriya T.	Evaluation of the Corrosion Inhibition Capability of Mild Steel Coated with a ZnO-Ni/PVDF Nanocomposite in a Simulated Concrete Pore Solution: An Electrochemical Investigation and Numerical Simulation	Arabian Journal for Science and Engineering					2.6	10.1007/s13369-024-09317-7
3065	Suganya S., Parthiban V.	Optimal control analysis of fractional order delayed SIQR model for COVID-19	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-024-01294-0

3066	Chawla A.K., Hothi N., Umamaheswara Rao A., Kharb A.S., Chanana A., Mir K.H., Kumar P., Garg T., Chawla V., Jain R., Pant C., Kumar S.	Potential for multi-application advancements from doping zirconium (Zr) for improved optical, electrical, and resistive memory properties of zinc oxide (ZnO) thin films	Physica Scripta	99	9			2.6	10.1088/1402-4896/ad69dc
3067	Adhish M., Manjubala I.	Probing the effects of single point mutations in the GKWWRPS motif on the PNAIG motif within Loop 2 of sclerostin (SOST) using in-silico techniques	Computational Biology and Chemistry	112				2.6	10.1016/j.compbiolchem.2024.108173
3068	Madhusoodanan K., Mooventhan H., Mohanan M., Vaithilingam M., Chandrasekaran S.D.	Production of menaquinone – 7 by Bacillus cereus KMV07: a strain isolated from fermented Glycine max	Journal of Food Science and Technology					2.6	10.1007/s13197-024-06059-0
3069	Ahmed Z., Sharma A.K., Pellegrini M., Yamano H., Okamoto K.	Radiation Heating Effects on B4C-SS Eutectic Melting and Its Relocation Behaviour	Arabian Journal for Science and Engineering					2.6	10.1007/s13369-024-09412-9
3070	Parasuraman E., Seadawy A.R., Muniyappan A.	Stability and instability nature of solitons in an optical fiber with four wave mixing effect	Physica Scripta	99	9			2.6	10.1088/1402-4896/ad69da
3071	Ghosh R., Biswas S., Venugopal S., Misra S., Bose C., Saha P.	Study and analysis of the effects of trap assisted tunneling on the sensing performance of InAs/Si hetero junction TFET based biosensor	Physica Scripta	99	9			2.6	10.1088/1402-4896/ad6ae1

3072	Jose S., Parthiban V.	Synchronization of fractional order time delayed neural networks using matrix measure approach	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-024-01300-5
3073	Gunasekhar R., Indumathy B., Gajula P., Bae J.W., Prabu A.A.	Synthesis, reaction kinetics and properties of aromatic hyperbranched polyesters of different generations (G1 to G4) prepared via one-shot solution polycondensation	Journal of Polymer Research	31	9			2.6	10.1007/s10965-024-04093-2
3074	Varatharaj K., Tamizharasi R., Vajravelu K.	Ternary hybrid nanofluid flow and heat transfer at a permeable stretching sheet with slip boundary conditions	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-024-01295-z
3075	Datta A., George N., Koppolu T., Kumar. S U., Bithia R., Zayed H., Doss. C G.P.	Unraveling the intricate physiological processes dysregulated in CHD-affected and Dan-Lou tablet-treated individuals	Computational Biology and Chemistry	112				2.6	10.1016/j.compbiolc hem.2024.108151
3076	Mahesh T.R., Khan S.B., Balajee A., Almusharraf A., Gadekallu T.R., Albalawi E., Vinoth Kumar V.	Water quality level estimation using IoT sensors and probabilistic machine learning model	Hydrology Research	55	7	775	789	2.6	10.2166/nh.2024.048
3077	Chinnappan R.R., Sundaram D.	A low-light video enhancement approach using novel intuitionistic fuzzy generator	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-024-01322-z

3078	Kiruthika R., Manivannan A.	A sampled-data control scheme for fractional-order fuzzy systems via looped-functional	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-024-01328-7
3079	Sulaiman Basha M.I., Anthony D.M.G., Priyadharsini M.	Analysis of inclined magnetic field and variable viscosity effect on flow of hybrid nanofluid over two-way stretching sheet	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-024-01337-6
3080	Gokul G., Udhayakumar R.	Approximate controllability results of ψ -Hilfer fractional neutral hemivariational inequalities with infinite delay via almost sectorial operators	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-024-01326-9
3081	Patel R., Adhikari M.S., Sindhvani M., Verma Y.K., Mahapatro S.R.	Design analysis of 4H-SiC MOSFET for high power application	Physica Scripta	99	10			2.6	10.1088/1402-4896/ad7209
3082	Noorjahan S., Sharief Basha S.	Developing an intuitionistic fuzzy rough new correlation coefficient approach for enhancing robotic vacuum cleaner	Science Progress	107	3			2.6	10.1177/00368504241275417
3083	Cherala S.S., Gajjela N., Garvandha M., Niranjan H.	Entropy-optimized flow of couple stresses in a porous inclined pipe with uniform magnetic field and mixed convention	Physica Scripta	99	10			2.6	10.1088/1402-4896/ad723b

3084	Jaganathan K., Geethika P.R., Ramakrishnan S., Sundaram D.	Explainable AI and tree-based ensemble models: a comparative study in predicting chemical pulmonary toxicity	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-024-01291-3
3085	Merlin I.J., Soubramanian P.	From self-awareness to social savvy: how intrapersonal skills shape interpersonal competence in university students	Frontiers in Psychology	15				2.6	10.3389/fpsyg.2024.1469746
3086	Nandhini B., Sruthakeerthi B.	Investigating the quality measures of image enhancement by convoluting the coefficients of analytic functions	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-024-01317-w
3087	Babu N.R., Aravind R.V., Balasubramaniam P.	Master–slave synchronization of electrocardiogram chaotic networks dealing with stochastic perturbation	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-024-01303-2
3088	Prinsa N N., Parasuraman E., Antosh B R., Mehmet Baskonus H., Muniyappan A.	M-shaped, W-shaped and dark soliton propagation in optical fiber for nonlocal fourth order dispersive nonlinear Schrödinger equation under distinct conditions	Physica Scripta	99	10			2.6	10.1088/1402-4896/ad70fd
3089	Das P., Kundu S.	Polarization converter integrated millimeter wave MIMO antenna for dual CP generation	Physica Scripta	99	10			2.6	10.1088/1402-4896/ad7541

3090	Eshak D., Arumugam M.	Unveiling therapeutic biomarkers and druggable targets in ALS: An integrative microarray analysis, molecular docking, and structural dynamic studies	Computational Biology and Chemistry	113				2.6	10.1016/j.compbiochem.2024.108211
3091	Mohanraj T., Sakthivel G., Pramanik A.	Use of RSM desirability approach to optimize WEDM of mild steel	Physica Scripta	99	10			2.6	10.1088/1402-4896/ad7707
3092	Gogula V., Edward B.	Advanced signal analysis for high-impedance fault detection in distribution systems: a dynamic Hilbert transform method	Frontiers in Energy Research	12				2.6	10.3389/fenrg.2024.1365538
3093	Manoj A.M., Viannie L.R.	Comparative analysis of pH sensing performance of nitrogen-doped ZnO on screen-printed silver and carbon electrodes	Journal of Solid State Electrochemistry					2.6	10.1007/s10008-024-06078-z
3094	Navis V.V., Greeni A.B.	Routing and assignment of wavelengths for bicube in linear array WDM optical networks	Optical Fiber Technology	88				2.6	10.1016/j.yofte.2024.103977
3095	Priyadarshini D S., Jose T.P.	Global research trends on psychological well-being of children in foster care homes from 2003 to 2023: a bibliometric analysis using Scopus database	Frontiers in Psychology	15				2.6	10.3389/fpsyg.2024.1397624
3096	Vekat Ramanan A., Rajamurugan G.	Significance of wire mesh reinforcement on carbon and glass fiber composite - a review	Physica Scripta	99	10			2.6	10.1088/1402-4896/ad72a6

3097	Shamala V.; Asha Devi S.	Decoding the genetic influence of CT60 non-coding polymorphism in CTLA-4 gene and sCTLA-4 biomarker with rheumatoid arthritis in the Indian population	Molecular Biology Reports	51	1			2.6	10.1007/s11033-024-09949-w
3098	Pradeep P.; Kamalkannan J.	Comprehensive review of literature on Parkinson's disease diagnosis	Computational Biology and Chemistry	113				2.6	10.1016/j.combiolchem.2024.108228
3099	Evelyn Ezhilarasi I.; Christopher Clement J.; Agnes N.V.	Quantum cryptography in the security of cognitive radio networks	Physica Scripta	99	11			2.6	10.1088/1402-4896/ad7f05
3100	Kandasamy K.; Natarajan Y.; Sri Preethaa K.R.; Ali A.A.Y.	A Robust TrafficSignNet Algorithm for Enhanced Traffic Sign Recognition in Autonomous Vehicles Under Varying Light Conditions	Neural Processing Letters	56	5			2.6	10.1007/s11063-024-11693-y
3101	Puthentharayil Vikraman B.; Afthab J.	Effective image compression using hybrid DCT and hybrid capsule auto encoder for brain MR images	Journal of Visual Communication and Image Representation	104				2.6	10.1016/j.jvcir.2024.104296
3102	Thenmozhi R.; Shridevi S.; Mohanty S.N.; García-Díaz V.; Gupta D.; Tiwari P.; Shorfuzzaman M.	Attribute-Based Adaptive Homomorphic Encryption for Big Data Security	Big data	12	5	343	356	2.6	10.1089/big.2021.0176

3103	Venkateswarlu B.; Joo S.W.; Narayana P.V.S.; Metwally A.S.M.	Heat transfer performance of MHD [Ag+Gr+GO/H ₂ O] ternary nanofluid squeezing flow between two parallel plates in a porous medium with variable viscosity and brownian motion	Physica Scripta	99	10			2.6	10.1088/1402-4896/ad7c00
3104	Sankarkumar R.S.; Rajasekar N.	A Novel Spotted Hyena Optimizer for the Estimation of Equivalent Circuit Model Parameters in Li-Ion Batteries	World Electric Vehicle Journal	15	9			2.6	10.3390/wevj15090431
3105	Thirumalai A.; Muthunagai K.	Solutions of differential equations in bicomplex space using Sadik transforms	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-024-01359-0
3106	Vaishnavi S.; Prabhakar V.	A numerical study for assessing the spectral wave characteristics during Hurricane Fiona	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-024-01357-2
3107	Krishna R.; Hemamalini S.	Long short-term memory-based forecasting of uncertain parameters in an islanded hybrid microgrid and its energy management using improved grey wolf optimization algorithm	IET Renewable Power Generation					2.6	10.1049/rpg2.13115

3108	Lavanya V.; Santhakumar K.; Kumar A.S.	Electrocatalytic reduction and sensing of hazardous Cr(VI) in water samples using in situ functionalized vanillin-catechol derivative/MWCNT-modified electrode	Journal of Solid State Electrochemistry					2.6	10.1007/s10008-024-06096-x
3109	Preetha R.; Parimala M.; Keerthana S.; Manivannan A.	Analysis of synchronization problems in delayed neural networks with Markovian jumping via looped functionals	European Physical Journal: Special Topics					2.6	10.1140/epjs/s11734-024-01343-8
3110	Deva Priya P.S.; Philip A.; Kumar A.R.	An investigation of the electrochemical characteristics of NiO-Co3O4/graphite/PVDF composites for the development of a supercapacitor with ultrahigh stability	Physica Scripta	99	12	0	0	2.6	10.1088/1402-4896/ad8b78
3111	Loganathan T.; S. M.; Zayed H.; Doss C G.P.	Computational insights into irinotecan's interaction with UBE2I in ovarian and endometrial cancers	Computational Biology and Chemistry	113	0	0	0	2.6	10.1016/j.compbiolchem.2024.108250
3112	Madhavan S.; Sridharan N.V.; Mahanta T.K.; Vaithyanathan S.	Diagnosis of Surface Defects in Hot-Rolled Steel from Deep Learning Features Using Machine Learning Algorithms	Arabian Journal for Science and Engineering	0	0	0	0	2.6	10.1007/s13369-024-09744-6
3113	Mir K.H.; Garg T.	Effect of annealing conditions on resistive switching in hafnium oxide-based MIM devices for low-power RRAM	Physica Scripta	99	12	0	0	2.6	10.1088/1402-4896/ad8d19

3114	Jaware T.H.; Nayak C.; Parida P.; Ali N.; Sharma Y.; Hadi W.	Enhanced Neonatal Brain Tissue Analysis via Minimum Spanning Tree Segmentation and the Brier Score Coupled Classifier	Computers	13	10	0	0	2.6	10.3390/computers13100260
3115	Karunakar P.; Chakraverty S.; Rao T.D.; Ramesh K.; Hussein A.K.	Fuzzy fractional shallow water wave equations: analysis, convergence of solutions, and comparative study with depth as triangular fuzzy number	Physica Scripta	99	12	0	0	2.6	10.1088/1402-4896/ad8afd
3116	Taneja S.; Sharma K.; Selvam P.; Kumar S.K.A.; Thirupathi G.; Sundararaj P.; Ramasamy S.K.	Highly Potent Fluorenone Azine-based ESIPT Active Fluorophores for Cellular Viscosity Detection and Bioimaging Applications	Journal of Fluorescence	0	0	0	0	2.6	10.1007/s10895-024-04029-5
3117	Kumaravel S.; Karthikeyan M.	Horizontally stacked inverted U-shaped dual-band implantable antenna with circularly polarized for biotelemetry application	Physica Scripta	99	12	0	0	2.6	10.1088/1402-4896/ad8d16
3118	Junaid M.I.; Prakash A.J.; Ari S.	Human gait recognition using joint spatiotemporal modulation in deep convolutional neural networks	Journal of Visual Communication and Image Representation	105	0	0	0	2.6	10.1016/j.jvcir.2024.104322
3119	Das P.; Madhav B.T.P.; Ghali S.R.; Kundu S.; Alathbah M.	Investigation of optically transparent metasurfaces for gain improvement of an ultrawideband antenna for wireless body area networks and vehicular communications	Physica Scripta	99	11	0	0	2.6	10.1088/1402-4896/ad8708

3120	MPG K.; Raja Annamalai A.; Mohanty C.P.; Chauhan A.S.	Microstructure, Microtexture and Grain Boundary Evolution in Heat-Treated Cast Haynes 25 Alloy	International Journal of Metalcasting	0	0	0	0	2.6	10.1007/s40962-024-01464-9
3121	Priyanka T.M.C.; Gowrisankar A.	Multifractal analysis of fractal interpolation functions	Physica Scripta	99	11	0	0	2.6	10.1088/1402-4896/ad818c
3122	Okposo N.I.; Raghavendar K.; Gmez-Agullar J.F.; Khan N.; Jonathan A.M.	On the exploration of new solitary wave solutions for the classical integrable Kuralay-IIA system of equations	Physica Scripta	99	11	0	0	2.6	10.1088/1402-4896/ad85a9
3123	Sharma D.; Muniyan R.	Pharmacophore-guided in-silico discovery of SIRT1 inhibitors for targeted cancer therapy	Computational Biology and Chemistry	113	0	0	0	2.6	10.1016/j.compbiochem.2024.108275
3124	Sreenivasulu P.; Hussain J.	Protection of rotor side converter of doubly fed induction generator based wind energy conversion system under symmetrical grid voltage fluctuations	Frontiers in Energy Research	12	0	0	0	2.6	10.3389/fenrg.2024.1465167
3125	Zaheer S.; Chanda A.; Nashine H.K.	Reckoning applications of z-iteration: Data dependence and solution to a delay caputo fractional differential equation	Nonlinear Analysis: Modelling and Control	29	5	833	857	2.6	10.15388/namc.2024.29.35403
3126	Balan G.S.; Raj S.A.	The mechanics of extruded polylactic acid: an investigation into the effects of its multiple recycling and the inclusion of fly ash	Physica Scripta	99	12	0	0	2.6	10.1088/1402-4896/ad8d37
3127	Patri U.; Kumar A.	THz biosensing for early detection of influenza and coronaviruses using dielectric metamaterials	Physica Scripta	99	12	0	0	2.6	10.1088/1402-4896/ad8b7e

3128	Surya Prasath C.; Stanislaus R.J.	Wide band high gain modified-folded-wave-guide slow wave structure for millimeter-wave traveling wave tube amplifier in 6G and beyond back-haul communications	Physica Scripta	99	12	0	0	2.6	10.1088/1402-4896/ad88b9
3129	Prabakar P.; Mustafa Mert K.; Muruganandam L.; Sivagami K.	A comprehensive review on biochar for electrochemical energy storage applications: an emerging sustainable technology	Frontiers in Energy Research	12	0	0	0	2.6	10.3389/fenrg.2024.1448520
3130	Kodiyawala A.; Kiroriwal S.; Sahoo S.K.; Ghatak T.; Dutta S.	A Hemicyanin-Based Water-Soluble off-on Fluorescence and Colorimetric Probe for Detecting HSO ₃ ⁻ /SO ₃ ²⁻ in Real Samples	Journal of Fluorescence	0	0	0	0	2.6	10.1007/s10895-024-04040-w
3131	Nyamathulla S.; Dhanamjayulu C.	Design and implementation of a PV-tied effective inverter with high reliability and low THD for distribution-grid applications	Frontiers in Energy Research	12	0	0	0	2.6	10.3389/fenrg.2024.1498514
3132	Gomathi D.; Harshavarthini S.; Sathiyaraj T.; Harikaran B.; Sakthivel R.	Design of functional estimation-based controller for the stabilization of time-delayed systems	European Physical Journal: Special Topics	0	0	0	0	2.6	10.1140/epjs/s11734-024-01419-5
3133	Ezhilan J.; Varadhan M.	Graph entropy analysis of 2D covalent organic frameworks in lithium-ion batteries through degree-based topological descriptors	European Physical Journal: Special Topics	0	0	0	0	2.6	10.1140/epjs/s11734-024-01405-x

3134	Mumthaj A.; Umadevi M.; Kesavan M.P.; Ravi L.; Bhaskar R.	Insights into Cancer Cell Imaging Probes Based on Chalcone Scaffolds: Theoretical and Experimental Perspectives	Journal of Fluorescence	0	0	0	0	2.6	10.1007/s10895-024-04081-1
3135	Jagadisan S.	Promoting integrated blue?green infrastructure for urban resilience?lessons learned from case studies	Frontiers in Water	6	0	0	0	2.6	10.3389/frwa.2024.1474411
3136	Paul S.K.; Mishra L.N.; Mishra V.N.	Results on integral inequalities for a generalized fractional integral operator unifying two existing fractional integral operators	Nonlinear Analysis: Modelling and Control	29	6	1080	1105	2.6	10.15388/namc.2024.29.37848
3137	Mohamed Atheeqe A.; Sharief Basha S.	Signless Laplacian energy aware decision making for electric car batteries based on intuitionistic fuzzy graphs	Science Progress	107	4	0	0	2.6	10.1177/00368504241301813
3138	Rajamani R.P.; Khora S.S.	Studies on in vitro antioxidant potentials and characterization of ?-carrageenan based biodegradable film from red algae, Hypnea valentiae (Turner) Montagne, 1841	Journal of Food Science and Technology	0	0	0	0	2.6	10.1007/s13197-024-06147-1
3139	U H.; Ponraj C.	Unravelling the potential of bismuth ferrite nanoparticles for electrochemical pesticide detection	Journal of Solid State Electrochemistry	0	0	0	0	2.6	10.1007/s10008-024-06151-7

3140	Sharma N.; Vuppu S.	Unveiling Biodeteriogen VITSN 3 and VITSN 10 from Dewas and Ranipet Leather Effluent Valorisation: 16S rRNA Sequencing, Optimization, Immobilization, and Docking Studies	Waste and Biomass Valorization	0	0	0	0	2.6	10.1007/s12649-024-02828-2
3141	Murugesan S., Arumugamb P.S., Gandhi G., Mani V., Srinivasan S.	Hyers-Ulam-Gavruta stability of a Jensen's type quadraticquadratic mapping in 2-Banach spaces	Journal of Mathematics and Computer Science	32	4	295	317	2.5	10.22436/jmcs.032.04.02
3142	Mallik G., Gudi T.	A Hybrid High-Order Method for a Class of Strongly Nonlinear Elliptic Boundary Value Problems	Journal of Scientific Computing	98	1			2.5	10.1007/s10915-023-02390-4
3143	Theijeswini R., Basu S., Swetha R.G., Tharmalingam J., Ramaiah S., Calaivanane R., Sreedharan V.R., Livingstone P., Anbarasu A.	Prophylactic and therapeutic measures for emerging and re-emerging viruses: artificial intelligence and machine learning - the key to a promising future	Health and Technology					2.5	10.1007/s12553-024-00816-z
3144	Sasithradevi A., Sabarinathan, Shoba S., Roomi S.M.M., Prakash P.	KolamNetV2: efficient attention-based deep learning network for tamil heritage art-kolam classification	Heritage Science	12	1			2.5	10.1186/s40494-024-01167-8
3145	Suresh Kumar P., Shriram R.G., Rajesh R., Rammohan A.	Causal analysis of the challenges to electric vehicles' adoption using GINA: Implications to emerging economies	Case Studies on Transport Policy	15				2.5	10.1016/j.cstp.2024.101160

3146	Radhakrishnan R., Thirunavukkarasu M., Thandaiah Prabu R., Ramkumar G., Saravanakumar S., Gopalan A., Rama Lahari V., Anusha B., Ahammad S.H., Rashed A.N.Z., Hossain M.A.	Pixel Reduction of High- Resolution Image Using Principal Component Analysis	Journal of the Indian Society of Remote Sensing					2.5	10.1007/s12524-024- 01815-3
3147	Jadhav B.N., Abdul Azeez E.P., Mathew M., Senthil Kumar A.P., Snegha M.R., Yuvashree G., Mangalagowri S.N.	Knowledge, attitude, and practice of breast self- examination is associated with general self-care and cultural factors: a study from Tamil Nadu, India	BMC Women's Health	24	1			2.5	10.1186/s12905-024- 02981-9
3148	Saravanan R., Venugopal S.	Positive Effects of Exogenous Application of Nitric Oxide on Lipid Composition in Sesbania grandiflora (L.) Pers. under Elevated Conditions of Chromium and EDTA	ACS Agricultural Science and Technology	4	2	193	202	2.5	10.1021/acsagscitec h.3c00150
3149	Biradar A., Kandasamy J.	Influence of Varied MWCNTs Dispersion on EMI Shielding, UV Absorption, and Surface Properties of Electroless NiP/MWCNT-Coated UHMWPE Fabric	Fibers and Polymers					2.5	10.1007/s12221-024- 00502-x
3150	Arun Balaji P., Naveen Venkatesh S., Sugumaran V.	Fault Diagnosis of Suspension System Based on Spectrogram Image and Vision Transformer	Eksploatacja i Niezawodnosc	26	1			2.5	10.17531/ein/17486 0

3151	Sundramurthy V.P., Varadharajan V., Wilson V.H., Jose S., Manoharan S., Alharbi N.S., Khaled J.M., Kandasamy B., Palanisamy G.	Adsorptive removal of Cu(II) ions from aqueous solution using Teff (Eragrostis tef) hay based magnetized biocarbon: RSM-GA, ANN based optimization and kinetics aspects	Zeitschrift fur Physikalische Chemie					2.5	10.1515/zpch-2024- 0608
3152	Vignesh R.S., Monica Subashini M.	Multilevel thermoplastic waste segregation and classification with AHGSO using federated learning framework	Kybernetes					2.5	10.1108/K-07-2023- 1210
3153	M S., S P., Veluvolu K.C., Raman R.	An insight in the future of healthcare: integrating digital twin for personalized medicine	Health and Technology					2.5	10.1007/s12553-024- 00869-0
3154	Harini R., Indhira K.	Dynamical modelling and cost optimization of a 5G base station for energy conservation using feedback retrial queue with sleeping strategy	Telecommunicati on Systems					2.5	10.1007/s11235-024- 01155-0
3155	Sundramurthy V.P., Sundaram S., Goel M., Mohamed Baseer A.R., Wilson V.H., Jose S., Chinnasamy G., Manoharan S.	Maximizing biogas production from leftover injera: influence of yeast addition to anaerobic digestion system	Zeitschrift fur Physikalische Chemie					2.5	10.1515/zpch-2024- 0734
3156	Hariom S.K., Nelson E.J.R.	Cardiovascular adaptations in microgravity conditions	Life Sciences in Space Research	42		64	71	2.5	10.1016/j.lssr.2024.0 5.001

3157	Dhanushkodi K., Shunmugiah J., Velladurai S.M., Rajendran S.	An optimal attention PLSTM-based classification model to enhance the performance of IoT attack detection in healthcare application	Transactions on Emerging Telecommunications Technologies	35	6			2.5	10.1002/ett.5008
3158	K. V., R. T.	Multiple solution of MHD Casson fluid flow in porous channel with chemical reactions and thermal radiation effects	Journal of Magnetism and Magnetic Materials	602				2.5	10.1016/j.jmmm.2024.172205
3159	Haribaskar R., Kumar T.S.	The impact of energy density and process parameters on the distribution of residual stresses in additively manufactured stainless steel 316 L	Applied Physics A: Materials Science and Processing	130	7			2.5	10.1007/s00339-024-07638-w
3160	Sibi H., Chintagumpala K., Vandurangi S.K.	Critical behavior and magnetocaloric effect in $\text{La}_{0.67}\text{Ba}_{0.33-x}\text{Sr}_x\text{MnO}_3$ ($x = 0.1, 0.2$ and 0.25)	Applied Physics A: Materials Science and Processing	130	6			2.5	10.1007/s00339-024-07620-6
3161	Yesodha K., Krishnamurthy M., Thangaramya K., Kannan A.	Elliptic curve encryption-based energy-efficient secured ACO routing protocol for wireless sensor networks	Journal of Supercomputing					2.5	10.1007/s11227-024-06235-1
3162	Fasogbon I.V., Ondari E.N., Deusdedit T., Rangasamy L., Krishnan S., Aja P.M.	Point-of-care potentials of lateral flow-based field screening for Mycoplasma bovis infections: a literature review	Biology Methods and Protocols	9	1			2.5	10.1093/biomethods/bpae034

3163	Lazarus H.P.S., Easwaran N.	Molecular insights into PGPR fluorescent Pseudomonads complex mediated intercellular and interkingdom signal transduction mechanisms in promoting plant's immunity	Research in Microbiology					2.5	10.1016/j.resmic.2024.104218
3164	Hemavathy S., Kokila J., Kanchana Bhaaskaran V.S.	Adaptive PUF design to authenticate and evaluate heterogeneous IPs in edge computing	Journal of Supercomputing					2.5	10.1007/s11227-024-06371-8
3165	Vellingiri J., Kalaivanan K., Shanmugaiah K., Shobana Bai F.J.J.	AO-SVM: a machine learning model for predicting water quality in the cauvery river	Environmental Research Communications	6	7			2.5	10.1088/2515-7620/ad6061
3166	Madheswaran S., Venkatesan R.	Design of single layer bowtie wide band-stop frequency selective surface with angular stability for C-band applications	Journal of Magnetism and Magnetic Materials	606				2.5	10.1016/j.jmmm.2024.172367
3167	Manickam P., Senthil R.	Development of a photonic crystal fiber SPR sensor probe for the detection of kerosene adulteration in gasoline	Applied Physics A: Materials Science and Processing	130	8			2.5	10.1007/s00339-024-07747-6
3168	Natarajan K., Vinoth Kumar V., Mahesh T.R., Abbas M., Kathamuthu N., Mohan E., Annand J.R.	Efficient Heart Disease Classification Through Stacked Ensemble with Optimized Firefly Feature Selection	International Journal of Computational Intelligence Systems	17	1			2.5	10.1007/s44196-024-00538-0

3169	Krishnan P.T., Krishnadoss P., Khandelwal M., Gupta D., Nihaal A., Kumar T.S.	Enhancing brain tumor detection in MRI with a rotation invariant Vision Transformer	Frontiers in Neuroinformatics	18				2.5	10.3389/fninf.2024. 1414925
3170	Chakravarthy S., Bharanidharan N., Khan S.B., Kumar V.V., Mahesh T.R., Almusharraf A., Albalawi E.	Multi-class Breast Cancer Classification Using CNN Features Hybridization	International Journal of Computational Intelligence Systems	17	1			2.5	10.1007/s44196-024- 00593-7
3171	Shiva Kumar G.N., Raja murugan G.	A comparative study on mechanical properties between linear and zigzag pattern holes reinforced with tialite particles during FSW of AA6082 alloy	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications					2.5	10.1177/146442072 41269598
3172	Pawar S., Uma K., Theodore T.	Development of biochar using herbal industry waste for removal of hexavalent chromium from aqueous solution: Column study	Results in Chemistry	10				2.5	10.1016/j.rechem.20 24.101713
3173	Angelin M., Gopinath P., Raghavan V., Thara R., Ahmad F., Munirajan A.K., Sudesh R.	Global DNA and RNA Methylation Signature in Response to Antipsychotic Treatment in First-Episode Schizophrenia Patients	Neuropsychiatric Disease and Treatment	20		1435	1444	2.5	10.2147/NDT.S4665 02
3174	John B., Dinesan D., Geca M.J., Srijith M.S.	Pressure feedback system for flow separation mitigation in scramjet intakes	Computers and Fluids	283				2.5	10.1016/j.compfluid. 2024.106397

3175	Nagamani V., Kamaraj S.	Reaction Course Dependent Regiospecific Transformation of 4-Azido-Coumarin into Coumarin C3-C4 Fused Imidazole and 5-Substituted-1,4-Benzodiazepine Scaffolds	European Journal of Organic Chemistry					2.5	10.1002/ejoc.202400575
3176	Joy D., Dinesh Kumar S.	Numerical method for solving weakly coupled systems of singularly perturbed delay differential equations	Computational and Applied Mathematics	43	8			2.5	10.1007/s40314-024-02932-y
3177	Jeyaraj S., Mary Saral A.	Bio-fabrication of zinc oxide nanoparticles from Brassica juncea (L.) Czern extract: Biological activity and DNA binding capability	Results in Chemistry	11				2.5	10.1016/j.rechem.2024.101747
3178	Baroi J., Biswas M., Paswan B., Yvaz A.	Mathematical modelling of mode I fracture in magnetoelastic medium	Applied Physics A: Materials Science and Processing	130	10			2.5	10.1007/s00339-024-07685-3
3179	Padmanathan P., Aswin S., Satheesh A., Kanna P.R., Palani K., Devi N.R., Sobota T., Taler D., Taler J., Węglowski B.	Parametric Optimization Study of Novel Winglets for Transonic Aircraft Wings	Applied Sciences (Switzerland)	14	17			2.5	10.3390/app14177483

3180	Valarmathi N.; Sumathi S.	Fabrication of copper ion-substituted hydroxyapatite/Silk fiber/Methylcellulose composite: mechanical, antimicrobial, hemocompatibility, bioactivity and cytocompatibility evaluation	Results in Chemistry	12				2.5	10.1016/j.rechem.2024.101851
3181	Krishnadoss N.; Ramasamy L.K.	Crop yield prediction with environmental and chemical variables using optimized ensemble predictive model in machine learning	Environmental Research Communications	6	10			2.5	10.1088/2515-7620/ad7e81
3182	Ravisankar N.K.; Rajasabai S.P.	Analysis of structural and thermomagnetic properties in hexagonal Fe ₅₀ Mn ₃₅ Sn ₁₅ alloy	Applied Physics A: Materials Science and Processing	130	10			2.5	10.1007/s00339-024-07915-8
3183	Nanjappachetty A.; Sundar S.; Vankadari N.; Bathey Ramesh Babu T.B.; Shanmugam P.	An efficient water quality index forecasting and categorization using optimized Deep Capsule Crystal Edge Graph neural network	Water Environment Research	96	10			2.5	10.1002/wer.11138
3184	Jose P.; Hariharan S.; Madhivanan V.; Sujaudeen N.; Krisnamoorthy M.; Cherukuri A.K.	Enhanced QSVM with elitist non-dominated sorting genetic optimisation algorithm for breast cancer diagnosis	IET Quantum Communication					2.5	10.1049/qtc2.12113

3185	Bhaskaran P.; Prasanna S.	An accuracy analysis of classical and quantum-enhanced K-nearest neighbor algorithm using Canberra distance metric	Knowledge and Information Systems					2.5	10.1007/s10115-024-02229-w
3186	Pandiyar T.K.; Solaiyan E.	Sustainable Valorization of Jarosite as a Concrete Material Investigation of Hydration, Mechanical, and Durability Properties	Journal of Sustainable Metallurgy					2.5	10.1007/s40831-024-00936-w
3187	Somasundaram D.; Madian N.; Goh K.M.; Suresh S.	Chromosome segmentation and classification: an updated review	Knowledge and Information Systems					2.5	10.1007/s10115-024-02243-y
3188	Nagarajan Y.; Chandrasekaran N.; Deepa Parvathi V.	Functionalized Nanomaterials In Pancreatic Cancer Theranostics And Molecular Imaging	ChemistryOpen					2.5	10.1002/open.202400232
3189	Ranganayakulu D.; Jesubert Thangaraj N.; Shanmugam S.P.; Subbiyan B.	A Secure and Decentralized Using Blockchain and Ring-Based Cryptosystem	Transactions on Emerging Telecommunications Technologies	35	11	0	0	2.5	10.1002/ett.70012
3190	Nagarajan C.D.; Afjal M.; Idroes G.M.	Distinct impacts of frugality on the intention to embrace energy-efficient and energy-generating products	International Journal of Energy Sector Management	0	0	0	0	2.5	10.1108/IJESM-06-2024-0001
3191	Atheequ A.M.; Basha S.S.	Enhancing Expert Decision-Making for Wastewater Treatment Plants with Seidel Laplacian Energy and Cosine Similarity Measure in Intuitionistic Fuzzy Graphs	International Journal of Computational Intelligence Systems	17	1	0	0	2.5	10.1007/s44196-024-00672-9

3192	Kumarappan J.; Rajasekar E.; Vairavasundaram S.; Kotecha K.; Kulkarni A.	Federated Learning Enhanced MLP?LSTM Modeling in an Integrated Deep Learning Pipeline for Stock Market Prediction	International Journal of Computational Intelligence Systems	17	1	0	0	2.5	10.1007/s44196-024-00680-9
3193	Arcot J.; Shaik K.	Ferromagnetic and photoluminescence properties of transparent conductive Cd1-xSnxO thin films for light emitting diode applications	Applied Physics A: Materials Science and Processing	130	12	0	0	2.5	10.1007/s00339-024-08065-7
3194	Uma S.; Shobana M.K.	Hydrogen sulfide gas sensing through new heterostructured nanocomposite	Applied Physics A: Materials Science and Processing	130	12	0	0	2.5	10.1007/s00339-024-08030-4
3195	Tharik M.; Vijayaraghavalu S.S.	Impact of seawater intrusion in the coastal aquifers and its effects on agriculture in the delta region of Tamil Nadu	Environmental Research Communications	6	10	0	0	2.5	10.1088/2515-7620/ad810c
3196	Patel B.Y.; Joshi V.; Subramanian S.; Italiya G.; Ramalingam P.S.; Arumugam S.; Hadiyal S.D.; Mohamed Al-Dies A.-A.	Non-nucleophilic base promoted synthesis of azo-linked oxazolone-pyrazole hybrids: Antimicrobial, antitubercular, anticancer evaluations and in-silico modeling insights	Results in Chemistry	12	0	0	0	2.5	10.1016/j.rechem.2024.101887
3197	Vairachilai S.; Anuhy D.; Tirkey A.; Raja S.P.	SLB - SMOTE logistic blending hybrid machine learning model for chronic polycystic ovary syndrome prediction with correlated feature selection	Informatics for Health and Social Care	49	45720	190	211	2.5	10.1080/17538157.2024.2405868

3198	Mir K.H.; Gupta Y.; Gupta R.; Kumar D.; Gupta P.; Chawla A.K.; Garg T.	Tailoring resistive switching in pulsed laser ablated forming-free hafnia thin films based RRAM devices via digital SET and gradual RESET	Applied Physics A: Materials Science and Processing	130	11	0	0	2.5	10.1007/s00339-024-08002-8
3199	Manivannan P.; Alex Z.C.	Temperature-modulated acetone monitoring using Al ₂ O ₃ -coated evanescent wave fiber optic sensors	Photonics and Nanostructures - Fundamentals and Applications	62	0	0	0	2.5	10.1016/j.photonics.2024.101322
3200	Viswanathan B.; Lakshmi B.	A Blockchain Based Framework for Electronic Health Records Access Control	Journal of Computer Information Systems	0	0	0	0	2.5	10.1080/08874417.2024.2428645
3201	Rajendran R.; Ranjitharamasamy S.	A Decision Framework for Selecting Highly Sustainable Packaging Circular Model in Mass-Customized Packaging Industry	Applied Sciences (Switzerland)	14	22	0	0	2.5	10.3390/app142210224
3202	Mahat P.; Shekhar S.K.	Enhancing sustainability with improved cook stoves: an analysis of product quality, consumer satisfaction and word-of-mouth through expectancy disconfirmation theory	International Journal of Energy Sector Management	0	0	0	0	2.5	10.1108/IJESM-09-2024-0037
3203	Ragini; Ghosh P.; Shanmugam S.K.	Enhancing transfer of training in a power major in India	Journal of Management Development	0	0	0	0	2.5	10.1108/JMD-07-2023-0212
3204	Yuvaaraj J.S; Deepakkumar R	Experimental analysis and comparison of a packed bed thermal energy storage system using plain and dimpled spherical capsules	Experimental Heat Transfer	0	0	0	0	2.5	10.1080/08916152.2024.2427702

3205	Chawla K.; K N.	Integration of LGBTI in India: Analyzing the Ripple of Economic Development	Sexuality Research and Social Policy	0	0	0	0	2.5	10.1007/s13178-024-01062-8
3206	Kaladevi A.C.; Kumar V.V.; Mahesh T.R.; Guluwadi S.	Optimizing Personalized and Context-Aware Recommendations in Pervasive Computing Environments	International Journal of Computational Intelligence Systems	17	1	0	0	2.5	10.1007/s44196-024-00658-7
3207	Manjula Gandhi S.; Mulay C.; Durai K.; Murali G.; Ibrahim Syed Masood J.A.; Vijayarajan V.; Gautam K.; Kalyan Chakravarthy N.S.; Suresh Kumar S.; Agarwal S.; Murali S.; Vijayasherly V.; Asirvatham D.; Brohi S.; Chandru Vignesh C.; Anbuchelian S.	Quantum blockchain: Trends, technologies, and future directions	IET Quantum Communication	5	4	516	542	2.5	10.1049/qtc2.12119
3208	Yousuff M., Babu R., Rathinam A.	Nonlinear dimensionality reduction based visualization of single-cell RNA sequencing data	Journal of Analytical Science and Technology	15	1			2.4	10.1186/s40543-023-00414-0
3209	Ganesh N., Shankar R., Mahdal M., Murugan J.S., Chohan J.S., Kalita K.	Exploring Deep Learning Methods for Computer Vision Applications across Multiple Sectors: Challenges and Future Trends	CMES - Computer Modeling in Engineering and Sciences	139	1	103	141	2.4	10.32604/cmes.2023.028018
3210	Kameshwari A.V.S., Balakrishnan S.	Two-qubit entangling operators as chaos control in a discrete dynamic Cournot duopoly game	Physical Review E	109	1			2.4	10.1103/PhysRevE.109.014207

3211	Samy S., Dangate M.S., Alagumuthu M.	Novel pyrazole-biphenyl-carboxamides for SARS-CoV2 entry-level restriction and microbial infections	Journal of Heterocyclic Chemistry					2.4	10.1002/jhet.4780
3212	Muthukumaran N., Arulmurugan B., Manikandan M.	Analyzing microstructural, residual stress, and mechanical characteristics in dissimilar welds of Inconel 59 and AISI 904L through double-pulsed gas metal arc welding	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications					2.4	10.1177/14644207231225884
3213	Sruthi J.S., Bush R.C.	Preserving earthquake-resilient traditional buildings in Northern India	International Journal of Architectural Heritage					2.4	10.1080/15583058.2023.2298211
3214	Musthafa B., Asokan M.A.	Reducing NOx emission from palm biodiesel/diesel blends in CI engine: A comparative study of cetane improvement techniques through hydrogenation and fuel additives	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.4	10.1177/09544089231223380
3215	Mogul Y.I., Quadros J.D., Khan S.A., Agrawal M., Kumar I., Shaik S., Saleel C.A., Saxena A.	Statistical modelling of depth milling in Ti-6AL4V using abrasive water jet machining	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.4	10.1177/09544089231223789

3216	Balaji P.A., Sugumaran V.	Reducing cost with MEMS sensor and improving performance of classifier using probabilistic voting method	Measurement Science and Technology	35	1			2.4	10.1088/1361-6501/ad03b8
3217	Kanapaakala G.R., Subramani V.	A comprehensive review of Gum metal's potential as a biomedical material	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications					2.4	10.1177/14644207231223640
3218	Subramanian S., Kumaran A., Ravichandran S., Venugopal P., Dhahri S., Ramasamy K.	Fuzzy Fractional Caputo Derivative of Susceptible-Infectious- Removed Epidemic Model for Childhood Diseases	Mathematics	12	3			2.4	10.3390/math12030466
3219	Abraham J.M., Rajasekaran V.	Emotions of endometriosis in clinical encounters: An analysis of women's experiences of health care	Journal of Evaluation in Clinical Practice					2.4	10.1111/jep.13974
3220	Subramanian J., Selvaraj V.K., Saxena K.K., Jayamani E., Singh R., Prakash C., Buddhi D.	3D-printed honeycomb structure filled with nanofillers for efficient electromagnetic interference shielding performance	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.4	10.1177/09544089231221677

3221	Sathish Kumar K., Arivazhagan N.	Arc-welded armour steel: A tailored and comparative study of its microstructure and mechanical properties	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications					2.4	10.1177/14644207241227678
3222	Thongni A., Nongkhlaw R., Pandya C., Sivaramakrishna A., Gannon P.M., Kaminsky W.	Microwave-assisted synthesis of benzo[4,5]imidazo[1,2-a]pyrimidines and pyrano[4,3-b]pyrans catalyzed by L-glutamine functionalized magnetic nanoparticles in water:ethanol mixture	Journal of Heterocyclic Chemistry					2.4	10.1002/jhet.4785
3223	Maurya H.S., Vikram R.J., Kumar R., Rahmani R., Juhani K., Sergejev F., Prashanth K.G.	EBSD investigation of microstructure and microtexture evolution on additively manufactured TiC-Fe based cermets—Influence of multiple laser scanning	Micron	180				2.4	10.1016/j.micron.2024.103613
3224	Anuradha N., Sivabalan S.	Multi-Channel Simultaneous Measurement of Cu(II) and Zn(II) Metal Ions Using Multimode Interference Based Sensors Encompassed in Fiber Ring Laser	IEEE Photonics Journal	16	2	1	8	2.4	10.1109/JPHOT.2024.3365422

3225	Vinodkumar Reddy M., Ajithkumar M., Zafar S.S.B., Faizan M., Ali F., Lakshminarayana P.	Magnetohydrodynamic stagnation point flow of Williamson hybrid nanofluid via stretching sheet in a porous medium with heat source and chemical reaction	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.4	10.1177/09544089241239583
3226	Ramu S.K., Vairavasundaram I., Aljafari B., Kareri T.	Design of PV, Battery, and Supercapacitor-Based Bidirectional DC-DC Converter Using Fuzzy Logic Controller for HESS in DC Microgrid	Journal of Electrical and Computer Engineering	2024				2.4	10.1155/2024/3035524
3227	Paulraj T., Obulesu Y.P.	Power and Energy Optimization in EV with Sensorless Externally Excited Synchronous Motor	Iranian Journal of Science and Technology - Transactions of Electrical Engineering					2.4	10.1007/s40998-024-00714-0
3228	Dasmahapatra U., Chanda K., Maiti B.	Ionic liquid-supported copper-catalyzed synthesis of 2H-indazoles under microwave irradiation	Journal of Heterocyclic Chemistry					2.4	10.1002/jhet.4800
3229	Ramakrishnan R., Hemanth Kumar J., Titus F., Maharshi P., Nithish R.	Experimental investigation of 3D printed bio-inspired Xylocopa lattice structure for energy absorption under quasi-static axial loading conditions	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications					2.4	10.1177/14644207241236856

3230	Reddy D.V.S., Thangavel S., Golla M.	A Soft-Switched High-Gain Interleaved DC–DC Converter with Coupled Inductors for Renewable Energy Systems	Iranian Journal of Science and Technology - Transactions of Electrical Engineering					2.4	10.1007/s40998-024-00705-1
3231	Saha S., Das S., Bhowmik P., Bhushan A., Kumar M.R., Singh M.K., Nandi S., Hameed S.	Comparative study of thermo-structural analysis of nano-fluid flow in a baffle-corrugation rectangular channel for adoptable sustainable multifunctional application	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.4	10.1177/09544089241235709
3232	Thirunavukkarasu M.K., Ramesh P., Karuppasamy R., Veerappapillai S.	Transcriptome profiling and metabolic pathway analysis towards reliable biomarker discovery in early-stage lung cancer	Journal of Applied Genetics					2.4	10.1007/s13353-024-00847-2
3233	Uvarani A., Behura A.K.	Fog harvesting efficiency analysis of biomimicking surfaces: A review	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.4	10.1177/09544089241230162
3234	Soundrapandiyan R., Rajendiran K., Gurunathan A., Victor A., Selvanambi R.	Analysis of DWT–DCT watermarking algorithm on digital medical imaging	Journal of Medical Imaging	11	1			2.4	10.1117/1.JMI.11.1.014002

3235	Vigneshwari A., Jayaprakash J.	A review on 3D printable cementitious material containing copper and iron ore tailings: material characterization, activation methods, engineering properties, durability, and microstructure behavior	Innovative Infrastructure Solutions	9	3			2.4	10.1007/s41062-024-01374-z
3236	Murugusundaramoorthy G., Güney H.Ö., Breaz D.	Starlike Functions of the Miller–Ross-Type Poisson Distribution in the Janowski Domain	Mathematics	12	6			2.4	10.3390/math12060795
3237	Aghalya T., Tamizharasi R.	Unsteady MHD Casson Nanofluid Flow Past an Exponentially Accelerated Vertical Plate: An Analytical Strategy	CMES - Computer Modeling in Engineering and Sciences	140	1	431	460	2.4	10.32604/cmes.2024.046635
3238	Kalburgi S., Manimozhi M.	Taylor-Spotted Cat Optimization (Taylor-SCO): An Energy-Efficient Cluster Head Selection Algorithm with Improved Trust Factor for Data Routing in WSN	Journal of Electrical and Computer Engineering	2024				2.4	10.1155/2024/5377959
3239	Sahoo G.S., Verma M., Routray S., Mishra G.P.	Unveiling the Effect of CZTSSe Quantum Superlattice on the Interfacial and Optical Properties of CZTS Kesterite Solar Cell	IEEE Transactions on Nanotechnology	23		286	292	2.4	10.1109/TNANO.2024.3380361

3240	Kathiresan M., Immanuel R.J., Rajamohan V.	Enhancing crashworthiness characteristics of modified hexagonal honeycomb structural panels through stretching and bending of ribs	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications					2.4	10.1177/14644207241245857
3241	Jayabalasamy G., Pujol C., Latha Bhaskaran K.	Application of Graph Theory for Blockchain Technologies	Mathematics	12	8			2.4	10.3390/math12081133
3242	Naveen Kumar C., Venkatesan S.	A review on the fused deposition modelling of fibre-reinforced polymer composites: Influence of process parameters, pre-processing and post processing techniques	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications					2.4	10.1177/14644207241243298
3243	Nisha S.S., De P.	Impact of electro-osmotic, activation energy and chemical reaction on Sisko fluid over Darcy–Forchheimer porous stretching cylinder	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.4	10.1177/09544089241255657

3244	Divya A.R., Jithendra T., Hemalatha E.	Feasibility of integrated numerical and Adaptive Neuro-Fuzzy Inference System models in predicting the thermophysical properties of unsteady coupled micropolar–Casson hybrid nanofluids	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.4	10.1177/09544089241253831
3245	Sugumaran G., Amutha Prabha N.	An Improved Bi-Switch Flyback Converter with Loss Analysis for Active Cell Balancing of the Lithium-Ion Battery String	Journal of Electrical and Computer Engineering	2024				2.4	10.1155/2024/5556491
3246	Mishra S., Satapathy S.K., Cho S.-B., Mohanty S.N., Sah S., Sharma S.	Advancing COVID-19 poverty estimation with satellite imagery-based deep learning techniques: a systematic review	Spatial Information Research					2.4	10.1007/s41324-024-00584-y
3247	Gaikadi S., Kumar S.V.	Is ward-level calculation of urban green space availability important?—A case study on Vellore city, India, using the histogram-based spectral discrimination approach	Frontiers in Sustainable Cities	6				2.4	10.3389/frsc.2024.1393156
3248	Murugan R., Karthikeyan S., Kannan S., Jenova I., Venkatesh K., Madeswaran S.	Electrical, structural, and thermal studies on a new natural gum-based solid polymer electrolyte using rosin gum	Ionics					2.4	10.1007/s11581-024-05649-4

3249	Jothimani K., Valliammal N., Vijayakumar V.	Integral contractor approach on controllability of Hilfer–Langevin system	Journal of Applied Mathematics and Computing					2.4	10.1007/s12190-024- 02155-8
3250	Lekha P.P.S., Azeez E.P.A.	Psychosocial Facilitators and Barriers to Type 2 Diabetes Management in Adults: A Meta-Synthesis	Current Diabetes Reviews	20	8	110	123	2.4	10.2174/011573399 8283436231207093 250
3251	Abirami S., Pethuraj M., Uthayakumar M., Chitra P.	A systematic survey on big data and artificial intelligence algorithms for intelligent transportation system	Case Studies on Transport Policy	17				2.4	10.1016/j.cstp.2024. 101247
3252	Venkatesan U., Muniyan R.	Review on the extension of shelf life for fruits and vegetables using natural preservatives	Food Science and Biotechnology					2.4	10.1007/s10068-024- 01602-3
3253	Ignatius F., Kaspar S.	A new graph labeling with Tribonacci, Fibonacci and Triangular numbers	Discover Sustainability	5	1			2.4	10.1007/s43621-024- 00325-z
3254	Patel M.S., Immanuel R.J., Rahaman A., Khan M.F., Jouiad M.	Critical Review on Advanced Cooling Strategies in Friction Stir Processing for Microstructural Control	Crystals	14	7			2.4	10.3390/cryst14070 655
3255	Raman S., Ravi Sankar A.	Recent progress in 2D textile- based piezoresistive strain and pressure sensors	Journal of Micromechanics and Microengineering	34	8			2.4	10.1088/1361- 6439/ad5cfd

3256	B V., M U.R.	A free-standing CaO infused PVdF-HFP/PMMA polymer-nanocomposite as solid-state electrolytes for energy storage applications	Ionics					2.4	10.1007/s11581-024-05738-4
3257	Sankaranarayanan G., Kodiveri Muthukaliannan G.	Deeper Exploration of Gut Microbiome: Profile of Resistome, Virome and Viral Auxiliary Metabolic Genes of Three Ethnic Indian Groups	Molecular Biotechnology					2.4	10.1007/s12033-024-01249-9
3258	Bharathi R.S., Bera A.	Existence of fixed points results via new enriched type of nonexpansive maps and application to delay differential equations	Journal of Applied Mathematics and Computing					2.4	10.1007/s12190-024-02162-9
3259	Saha S.K., Sarkar M., Srivastava M., Dutta S., Sen S.	Nuclear α -actinin-4 regulates breast cancer invasiveness and EMT	Cytoskeleton					2.4	10.1002/cm.21901
3260	Haider S., Mahapatra B., Mohammad S., Mitra A.	Understanding the socioeconomic determinants of cooking fuel expenditure in Uttar Pradesh, India	Discover Sustainability	5	1			2.4	10.1007/s43621-024-00393-1
3261	Ahamed Azees S., Manoharan R., Alanthata Govindan N., Leon B.S., Subramani K.	Insight into the Binding Interaction Mechanism of the Ligand M1069 with Human Serum Albumin and A2A Adenosine Receptor—A Biophysical Approach	Polycyclic Aromatic Compounds					2.4	10.1080/10406638.2024.2399536

3262	Maurya N.K., Ghosh J., Kumari S., Ram G.C., Krishna R.	An efficient and miniaturized ultra-thin tunable UWB graphene metasurface absorber for terahertz gap regime	Current Applied Physics	68		85	97	2.4	10.1016/j.cap.2024. 09.004
3263	Elumalai P., Charles J., Kennedy L.J.	Fabrication of PPy/PANI/MnO ₂ -based electrode and its electrochemical evaluation for supercapacitor applications	Ionics					2.4	10.1007/s11581-024- 05794-w
3264	Priyamvada P., Ashok G., Mathpal S., Anbarasu A., Ramaiah S.	Marine Compound- Carpatamide D as a Potential Inhibitor Against TOP2A and Its Mutant D1021Y in Colorectal Cancer: Insights from DFT, MEP and Molecular Dynamics Simulation	Molecular Biotechnology					2.4	10.1007/s12033-024- 01265-9
3265	Chakraborty D., Maruthamuthu S., Ramachandran T., Priyadharsini N., Kaleemulla S.	Zinc positioning's impact on electrochemical stability of γ - Al ₂ O ₃ for supercapacitor efficiency	Ionics					2.4	10.1007/s11581-024- 05802-z
3266	Thool K., Yazar K.U., Kavimani V., Gupta A., Choi S.-H.	Microstructural and Textural Evolution in Hexagonal Close- Packed Metals: The Case of Zirconium, Magnesium, and Titanium	Crystals	14	8			2.4	10.3390/cryst14080 727

3267	Thulasidharan K.; Sinthuja N.; Priya N.V.; Senthilvelan M.	On examining the predictive capabilities of two variants of the PINN in validating localized wave solutions in the generalized nonlinear Schrödinger equation	Communications in Theoretical Physics	76	11			2.4	10.1088/1572-9494/ad6854
3268	Kaliaperumal M.; Chidambaram R.K.	Thermal Management of Lithium-Ion Battery Pack Using Equivalent Circuit Model	Vehicles	6	3	1200	1215	2.4	10.3390/vehicles6030057
3269	Satham Hussain S.; Nagarajan D.; Rashmanlou H.; Mofidnakhai F.	Novel supply chain decision making model under m-polar quadripartitioned neutrosophic environment	Journal of Applied Mathematics and Computing					2.4	10.1007/s12190-024-02256-4
3270	Manjunath D.R.; Jagadeesh P.	Dynamics of urban development patterns on thermal distributions and their implications on water spread areas of Vellore, Tamil Nadu, India	Frontiers in Sustainable Cities	6				2.4	10.3389/frsc.2024.1462092
3271	Gopikrishnan M.; Doss G.P.C.	Targeting PflA in Acinetobacter baumannii: A Computational Approach for Anti-Virulent Compound Discovery	Molecular Biotechnology					2.4	10.1007/s12033-024-01300-9
3272	Subhashri A.R.; Radhika T.	Robust dissipativity analysis for stochastic Markov jump competitive neural networks with mixed delays	Journal of Applied Mathematics and Computing					2.4	10.1007/s12190-024-02257-3
3273	S H.; Sathyakam P.U.	A cell level design and analysis of lithium-ion battery packs	Ionics	0	0	0	0	2.4	10.1007/s11581-024-05908-4

3274	Annepu V.; Abbas M.; Bitra H.R.; Vaegae N.K.; Bagadi K.	Advanced Breast Cancer Diagnostics With PolyBreastVit: A Combined PolyNet and Vision Transformer Approach	Applied Computational Intelligence and Soft Computing	2024	0	0	0	2.4	10.1155/2024/557463 8
3275	Charles P.; Kumar S.; Kumar C.P.G.; Parameswaran S.; Viswanathan P.; Ganesh R.N.	Association of gut microbiota with allograft injury in kidney transplant recipients: a comparative profiling through 16S metagenomics and quantitative PCR	Journal of Medical Microbiology	73	11	0	0	2.4	10.1099/jmm.0.00193 4
3276	Sarkar A.; Anjukrishna S.R.; Bhaskara Rao K.V.	Characterization of alkaline protease enzyme produced from marine yeast Candida orthopsilosis AKB-1 and its applications	Folia Microbiologica	0	0	0	0	2.4	10.1007/s12223-024- 01216-6
3277	K V.; I J.; Shunmugavel K.; Saminathan M.; D J.S.	Investigation of (guar gum- ammonium bromide-propylene carbonate) solid polymer electrolyte for energy storage application	Ionics	0	0	0	0	2.4	10.1007/s11581-024- 05953-z
3278	Sathiya E.; Rao T.D.; Kumar T.S.	A comparative study of wavelet families for schizophrenia detection	Frontiers in Human Neuroscience	18	0	0	0	2.4	10.3389/fnhum.2024. 1463819
3279	Rezapour S.; Madhusudanan V.; Guerrini L.; Murthy B.S.N.; Srinivas M.N.; Etemad S.	A study on the qualitative properties for effects of two delays on dynamical behaviors of HIV-AIDS-TB model	Journal of Applied Mathematics and Computing	0	0	0	0	2.4	10.1007/s12190-024- 02282-2
3280	L G.; R H.; M S.; Raja S.P.	Enhancing diabetic retinopathy and macular edema detection through multi scale feature fusion using deep learning model	Graefe's Archive for Clinical and Experimental Ophthalmology	0	0	0	0	2.4	10.1007/s00417-024- 06687-4

3281	Karuppasamy A.; Kirubakaran R.; Gopalan V.; Munusamy R.; Krishnasamy K.	Influences of basalt fiber position and addition on the mechanical and viscoelastic behaviors of steel mesh/flax/basalt fiber metal laminates	Iranian Polymer Journal (English Edition)	0	0	0	0	2.4	10.1007/s13726-024-01437-z
3282	Panda S.K.; Vijayakumar V.; Agarwal R.P.	Remotely multi-term and transparently single-term fractional differential equations	Journal of Applied Mathematics and Computing	0	0	0	0	2.4	10.1007/s12190-024-02323-w
3283	Pradeesh J.; Panda S.K.; Vijayakumar V.; Radhika T.; Chandrasekar A.	Results on controllability of Sobolev-type nonlocal neutral functional integrodifferential evolution hemivariational inequalities with impulsive effects via resolvent operators	Journal of Applied Mathematics and Computing	0	0	0	0	2.4	10.1007/s12190-024-02322-x
3284	Brahadeeswaran S.; Chitluri K.K.; George L.; Manickam V.; Emerson I.A.; Tamizhselvi R.	Scopoletin: A Validated Protector against Cerulein-induced Acute Pancreatitis & Associated Lung Injury by Regulating PPAR- γ ? A Multidimensional Approach?	Molecular Biotechnology	0	0	0	0	2.4	10.1007/s12033-024-01327-y
3285	Duraisamy R.; Madhusudana Reddy M.B.; Asharani I.V.; Thirumalai D.	Synthesis of 5H-Pyrrolo[3,4-b]Pyridin-5-Ones via a Cerium Chloride Catalyzed Multicomponent Cascade Process: A One-Pot Approach Incorporating Ugi-Zhu 3CR, Aza Diels-Alder, N-Acylation, and Aromatization Reactions	Polycyclic Aromatic Compounds	0	0	0	0	2.4	10.1080/10406638.2024.2434570

3286	Aditya V.; Aswin D.S.; Dhaneesh S.V.; Chakravarthy S.; Kumar B.S.; Venkadavarahan M.	A review on air traffic flow management optimization: trends, challenges, and future?directions	Discover Sustainability	5	1	0	0	2.4	10.1007/s43621-024-00781-7
3287	Venkatachalam E.; Sundararajan D.	A review on the impact of volumetric energy density on morphological and mechanical behavior in laser powder bed fusion steel alloys	Welding in the World	0	0	0	0	2.4	10.1007/s40194-024-01861-y
3288	Birunda S.S., Devi R.K., Muthukannan M.	An efficient model for detecting COVID fake news using optimal lightweight convolutional random forest	Signal, Image and Video Processing					2.3	10.1007/s11760-023-02938-9
3289	Arunprakash R., Manikandan M.	A novel approach to suppression of reverted austenite in aerospace grade thick maraging steel weldments using the turbo-TIG welding process	Journal of Adhesion Science and Technology					2.3	10.1080/01694243.2024.2302258
3290	Biradar A., Rijesh M.	Bonding characteristics of aluminium laminates and aluminium–graphite composites processed by roll bonding	Journal of Adhesion Science and Technology					2.3	10.1080/01694243.2024.2302272
3291	Shaik A.H., Patel C., Rahaman A., Chakraborty S., Kumar S., Agashe S., Rahaman M., Periyasami G., Chandan M.R.	Foam stability and thermo-mechanical properties of micro/nano filler loaded castor oil based flexible polyurethane foam	Materials Research Express	11	1			2.3	10.1088/2053-1591/ad19b1

3292	Mahendiran S., Ramanujam R.	Investigation of Surface Residual Stress, Mechanical Properties, and Metallurgical Characterization of Inconel 625 Multilayer Thin-Wall Component Using Cold Metal Transfer Technique	Journal of Materials Engineering and Performance					2.3	10.1007/s11665-023-09119-2
3293	Tamilselvan R., Immanuel Selwynraj A.	Enhancing biogas generation from lignocellulosic biomass through biological pretreatment: Exploring the role of ruminant microbes and anaerobic fungi	Anaerobe	85				2.3	10.1016/j.anaerobe.2023.102815
3294	Suresh A., Jauhar R.M., Girisun T.C.S., Manikandan N., Vinitha G.	Third order nonlinearity examined by pulsed and CW lasers: an organic urea barbituric acid (UBA) single crystal for optical limiting application with DFT study	Materials Research Express	11	1			2.3	10.1088/2053-1591/ad1caa
3295	Punitha U., Mary Saral A.	Nickel oxide nanoparticles from Sargassumwightii: Synthesis, Characterization, and biomedical applications	Results in Chemistry	7				2.3	10.1016/j.rechem.2023.101289
3296	Meenakumari R., Sucharitha G., Lakshminarayana P., Vajravelu K.	DARCY-FORCHHEIMER FLOW OF A CONDUCTING MICROPOLAR FLUID AT A STRETCHING SHEET WITH CONVECTIVE BOUNDARY CONDITIONS	Journal of Porous Media	27	5	19	48	2.3	10.1615/JPorMedia.2023045629

3297	Rajeswari P.M., De P.	MULTI-STRATIFIED EFFECTS ON STAGNATION POINT NANOFLUID FLOW WITH GYROTACTIC MICROORGANISMS OVER POROUS MEDIUM	Journal of Porous Media	27	5	67	84	2.3	10.1615/JPorMedia.2023050040
3298	Balan G.S., Aravind Raj S.	Comparative study on the influence of additives on interfacial adhesion strength between fibres and extruded polymer core via peel-off test	Materials Research Express	11	3			2.3	10.1088/2053-1591/ad33d9
3299	Rafikiran S., Basha C.H.H., Dhanamjayulu C.	A Novel Hybrid MPPT Controller for PEMFC Fed High Step-Up Single Switch DC-DC Converter	International Transactions on Electrical Energy Systems	2024				2.3	10.1155/2024/9196747
3300	Mukkamala Y., Dirker J.	New Friction Factor Correlation for Phase-Change Flow in Plate Heat Exchangers	Heat Transfer Engineering					2.3	10.1080/01457632.2024.2325273
3301	Srikanth A., Venkateshwarlu B.	Comprehensive behavior of reduced graphene oxide (rGO) reinforced plasma sprayed nanostructured WC-Co coatings	Journal of Adhesion Science and Technology					2.3	10.1080/01694243.2024.2327691
3302	Liakath J.A., Natesan G., Krishnadoss P., Nanjappan M.	Efficient resource allocation in heterogeneous clouds: genetic water evaporation optimization for task scheduling	Signal, Image and Video Processing					2.3	10.1007/s11760-024-03006-6

3303	Jena K., Kumar D., Kumar H., Janardhan K., Reddy J.R., Dash R., Dhanamjayulu C., Khan B.	A Novel Multigain Switched-Capacitor-Based Topology with Reduced Part Count	International Transactions on Electrical Energy Systems	2024					2.3	10.1155/2024/2944846
3304	Gnanaprasanna K., Singh A.K.	A NUMERICAL APPROACH OF FORCED CONVECTIVE MHD CASSON HYBRID NANOFLUID FLOWS EXPOSED TO JOULE HEATING AND VISCOUS DISSIPATION OVER DIVERGING CHANNEL	Journal of Porous Media	27	4	1	21		2.3	10.1615/JPorMedia.2023047328
3305	Divya Bharathi J., Suseem S.R.	Larvicidal activity of CuO and ZnO nanoparticles against Aedes aegypti and Anopheles stephensi mosquito vectors-a greener approach by Phaseolus vulgaris L. aqueous extract as bio-reductant	Results in Chemistry	7					2.3	10.1016/j.rechem.2024.101408
3306	Ali S.R., Aditya A.L.G.N., Megalai E., Madhukaran R., Kathirvelan J., Rufus E.	Electrical, Mechanical, and Electromechanical Properties of Screen-Printed Piezoresistive Polydimethylsiloxane with Multiwalled Carbon Nanotube Nanocomposites	Journal of Materials Engineering and Performance						2.3	10.1007/s11665-024-09253-5
3307	Dhilipkumar T., Rajesh M., Sathyaseelan P., Sasikumar R., Murali A.P.	Evaluating structural strength and vibrational characteristics of silicon carbide incorporated adhesively bonded single lap joints	Journal of Adhesion Science and Technology						2.3	10.1080/01694243.2024.2322812

3308	Haripriyaa M., Suthindhiran K.	Waste management using marine microorganisms	Sustainable Environment	10	1			2.3	10.1080/27658511.2 024.2324574
3309	Jagan V., Maheshwaram B.C., Usirikapally M., Balachandran P.K., Nagi Reddy B., Mettu S., Dhanamjayulu C., Arunkumar G., Saranya K.C., Khan B.	Analysis of Different PWM Techniques for Enhanced Ultrahigh Gain Z-Network Topology	International Transactions on Electrical Energy Systems	2024				2.3	10.1155/2024/6645 798
3310	Roy A.P., Chakravorty A., Mini A.A., Das S., Rajendiran M., Raghavan V.	Emerging trends on nanomaterial-based simultaneous electrochemical sensing of dopamine and acetaminophen	Results in Chemistry	7				2.3	10.1016/j.rechem.20 24.101489
3311	Srilakshmi K., Rao G.S., Swarnasri K., Inkollu S.R., Kondreddi K., Balachandran P.K., Dhanamjayulu C., Khan B.	Multiobjective Neuro-Fuzzy Controller Design and Selection of Filter Parameters of UPQC Using Predator Prey Firefly and Enhanced Harmony Search Optimization	International Transactions on Electrical Energy Systems	2024				2.3	10.1155/2024/6611 240
3312	Cuce P.M., Saxena A., Cuce E., Kontoleon K.J., Oztekin E.K., Shaik S., Guo S.	Thermal and energy analysis of a novel solar updraft tower design with divergent chimney and convergent collector concept: CFD analysis with experimental validation	International Journal of Low- Carbon Technologies	19		714	722	2.3	10.1093/ijlct/ctad15 2

3313	Sakthi Balan G., Aravind Raj S.	Sustainability of Existing Phase of Extruded Fiber-Reinforced Polylactic Acid under Dynamic Shock Loading Conditions	Journal of Materials Engineering and Performance					2.3	10.1007/s11665-024-09472-w
3314	Ghelichi A., Varesi K., Zeinaly A., Prabhakar M.	Dual-input step-up switched-capacitor multilevel inverter with reduced voltage stress on devices	International Journal of Circuit Theory and Applications					2.3	10.1002/cta.4043
3315	Senthilraj K., Rajamurugan G.	Impact of friction stir welding parameters and Al ₂ TiO ₅ reinforcement on the mechanical, wear, and corrosion performance of dissimilar welded aluminium composite joints	Journal of Adhesion Science and Technology					2.3	10.1080/01694243.2024.2331479
3316	Jagadeesh G., Pounambal M., ArivuSelvan K., Sathiyamoorthy E., Vellingiri J., Madhu Viswanatham V., Iwendi C.	Federated recurrent-based adaptive battle royale algorithm for privacy-preserving data aggregation in industrial IoT: a signal, image, and video processing perspective	Signal, Image and Video Processing	18	5	4395	4406	2.3	10.1007/s11760-024-03081-9
3317	Mohanan A., Chidambaram K.	Multi-Strategical Thermal Management Approach for Lithium-Ion Batteries: Combining Forced Convection, Mist Cooling, Air Flow Improvisers and Additives	World Electric Vehicle Journal	15	5			2.3	10.3390/wevj15050213

3318	Gulzar Ali J., Mohanty S.K., Nayak C.	Complete terahertz absorber: coupled topological like structure, spaced graphene and magneto-optic effect	Applied Physics Express	17	5			2.3	10.35848/1882-0786/ad46f2
3319	Sakthivel S., Shukla P., Ramasamy S.	CREEPING FLOW OF COUPLE STRESS FLUID OVER A SPHERICAL FIELD ON A SATURATED BIPOROUS MEDIUM	Journal of Porous Media	27	7	85	100	2.3	10.1615/JPorMedia.2024050262
3320	Aayush S., Giri A., Anil Kumar S., Kumar R., Mahapatra M.M.	A Study on the Residual Stresses in Tungsten Inert Gas and Laser Welded Nitinol Superelastic Alloy	Journal of Materials Engineering and Performance					2.3	10.1007/s11665-024-09549-6
3321	Boopalan V., Kanna P.R., Arumugam S.K.	Numerical Investigation of Thermohydraulic Characteristics in Supercritical CO2 Natural Circulation Loop with Spatially Varying Temperature	Heat Transfer Engineering					2.3	10.1080/01457632.2024.2347176
3322	Essuman C.B., Porpatham E.	Investigations on a Spark Ignition Engine, Part I: Fuelled With Biogas Extracted From Sewage	Heat Transfer Engineering					2.3	10.1080/01457632.2024.2347172
3323	Jose J., Kanna P.R., Arumugam S.K.	Energy and Exergy Analysis of an Ejector Expansion Transcritical Carbon Dioxide Air Conditioning System	Heat Transfer Engineering					2.3	10.1080/01457632.2024.2347174
3324	Jayagopal S., Porpatham E., Arumugam S.K.	Experimental Studies on the Jatropa-Biogas Dual Fuel Engine	Heat Transfer Engineering					2.3	10.1080/01457632.2024.2347175

3325	Essuman C.B., Porpatham E.	Investigations on a Spark Ignition Engine, Part II: Impact of Hydrogen Addition and Compression Ratio on a Biogas-Fuelled Engine	Heat Transfer Engineering					2.3	10.1080/01457632.2 024.2347173
3326	Baskaran K., Mohan C.G.	Development of Sustainable Biofuel from Seed Waste Using Pyrolysis and Its Sustainability in the Compression Ignition Engine Application	Heat Transfer Engineering					2.3	10.1080/01457632.2 024.2347170
3327	Sekar S., Maadhu T., Gurusamy A., Manickam S., Gandhiraj V., Perumalsamy R.	Simulation analysis on furnace pressure for reducing the impurities concentrations distribution during the growth of mc-Si ingot by DS process: Solar cell applications	Chemical Physics	583				2.3	10.1016/j.chemphys. 2024.112325
3328	Sharma H., Pathak M.	Development of PCL/TiO2 composite as an efficient antibacterial, anticancer drug and biocompatible properties	Results in Chemistry	7				2.3	10.1016/j.rechem.20 24.101534
3329	Mishra S.	The convergence of policy, commerce, and identity in the linguistic landscape of an Indian city	Journal of Multilingual and Multicultural Development					2.3	10.1080/01434632.2 024.2345274

3330	Sannigrahi S., Sarkar G., Jayasri M.A., Suthindhiran K.	Bio-extraction of valuable metals from spent lithium-ion and nickel-cadmium batteries using magnetotactic bacteria and its role in electronic waste management	Sustainable Environment	10	1			2.3	10.1080/27658511.2024.2345431
3331	Thukkaram S., Arun Kumar A.	Behaviour of sewage sludge based lightweight aggregate in geopolymer concrete	Materials Research Express	11	5			2.3	10.1088/2053-1591/ad4198
3332	Alexander R.A., Akash J.K., Karudesh E., Sreekanth D., Radha R.	In-situ formation of Zn-MOF coating on MgO/HA composite layer produced by plasma electrolytic oxidation on Mg-Sn-Mn-Ca alloy for orthopedic internal fixation devices	Journal of Asian Ceramic Societies					2.3	10.1080/21870764.2024.2351658
3333	Satonkar N., Venkatachalam G., Pitchumani S.V.	Finite Element Analysis of Electromagnetic Forming Process and Optimization of Process Parameters Using RSM	Mathematics	12	11			2.3	10.3390/math12111622
3334	AlNemer G., Hosny M., Udhayakumar R., Elshenhab A.M.	Existence and Hyers–Ulam Stability of Stochastic Delay Systems Governed by the Rosenblatt Process	Mathematics	12	11			2.3	10.3390/math12111729
3335	Padma Sri Lekha P., Irshad C.V., Abdul Azeez E.P., Premkumar A.	Association of Exposure to Indoor Air Pollution with Unhealthy Symptoms among Middle-aged and Older Adults in India: Evidence from a Large-scale Survey	Environmental Health Insights	18				2.3	10.1177/11786302241257819

3336	Ghalimath A.G., Visuvasam J.A.	Undrained cyclic behavior of Palar sand under variable confining pressure	Innovative Infrastructure Solutions	9	7			2.3	10.1007/s41062-024-01504-7
3337	Wang R., Xi L., Feng L., Sarac B., Prashanth K.G., Eckert J., Gu D.	Synergistic Strengthening Mechanisms of Dual-Phase (TiN+AlN) Reinforced Aluminum Matrix Composites Prepared by Laser Powder Bed Fusion	3D Printing and Additive Manufacturing	11	3	e1298	e1309	2.3	10.1089/3dp.2023.0004
3338	Jagan P., Visuvasam J.A.	Effects of soil small strain nonlinearity on the dynamic behavior of floating column structures considering soil-structure interaction	Innovative Infrastructure Solutions	9	6			2.3	10.1007/s41062-024-01523-4
3339	Bapuram B., Subramanian M., Mahendran A., Ghafir I., Ellappan V., Hamada M.	Extended water wave optimization (EWWO) technique: a proposed approach for task scheduling in IoMT and healthcare applications	Evolutionary Intelligence					2.3	10.1007/s12065-024-00947-2
3340	Dhanraj T., Eswara Rao M., Vajravelu K., Lakshminarayana P.	Analysis of carbon nanotubes-based nanofluid with paraffin oil in 3D MHD Darcy-Forchheimer flow through a bi-directional stretchable surface: Application to heat exchanger systems	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.3	10.1177/09544089241259446
3341	Sakkaravarthi K., Sakthi I., Reddy P.B.A.	MHD Casson ternary hybrid nanofluid flow through a vertical porous plate with thermal radiation: A finite difference approach	ZAMM Zeitschrift für Angewandte Mathematik und Mechanik					2.3	10.1002/zamm.202300571

3342	Renai P.N.A.D., Roy S., Govardhan S.	QSPR analysis for certain biomolecular architectures	International Journal of Quantum Chemistry	124	11			2.3	10.1002/qua.27423
3343	Biswas R., Mohan M., Singh S., Simmons B.A.	Molecular Dynamics Studies of the Interactions of Hybrid Solvents and Carbon Nanomaterials	Chemistry Africa					2.3	10.1007/s42250-024-00999-y
3344	Geetha R., Reddappa B., Tarakaramu N., Rushi Kumar B., Ijaz Khan M.	Effect of Double Stratification on MHD Williamson Boundary Layer Flow and Heat Transfer across a Shrinking/Stretching Sheet Immersed in a Porous Medium	International Journal of Chemical Engineering	2024				2.3	10.1155/2024/9983489
3345	Gökgöz H., Afjal M., Bejaoui A., Jeribi A.	Comparative Analysis of Gold,  Bitcoin and Gold-backed Cryptocurrencies as Safe Havens During Global Crises: A Focus on G7 Stock Market and Banking Sector Indices	Global Business Review					2.3	10.1177/09721509241251547
3346	Chennaboin R.B., Nandakumar S.	An adaptive MLP-based joint optimization of resource allocation and relay selection in device-to-device communication using hybrid meta-heuristic algorithm	Eurasip Journal on Wireless Communications and Networking	2024	1			2.3	10.1186/s13638-024-02379-z

3347	Patra S., Hiremath G.S.	Is there a time-varying nexus between stock market liquidity and informational efficiency? – A cross-regional evidence	Studies in Economics and Finance	41	4	796	844	2.3	10.1108/SEF-12-2022-0558
3348	Govada G.V., Pal S., Panjacharam P., Bhatt H.S., Kumar S., Lin C.-C., Wang S.-K., Reddy S.R.	Pd(II)-Catalyzed Site-Selective Cross Coupling Reaction: Synthesis of Highly Fluorescent Aryl–Formyl–Chromenes and its Iminoantipyrene Analogues as Selective AChE Inhibitors	Chemistry and Biodiversity					2.3	10.1002/cbdv.202400719
3349	Mukherjee A.G., Valsala Gopalakrishnan A.	Rosolic acid as a novel activator of the Nrf2/ARE pathway in arsenic-induced male reproductive toxicity: An in silico study	Biochemistry and Biophysics Reports	39				2.3	10.1016/j.bbrep.2024.101801
3350	Benny A.T., Thamim M., Easwaran N., Gothandam K.M., Thirumoorthy K., Radhakrishnan E.K.	Attenuation of Quorum Sensing Mediated Virulence Factors and Biofilm Formation in Pseudomonas Aeruginosa PAO1 by Substituted Chalcones and Flavonols	Chemistry and Biodiversity	21	8			2.3	10.1002/cbdv.202400393
3351	Alsager K.M., El-Deeb S.M., Murugusundaramoorthy G., Breaz D.	Coefficient Functionals of Sakaguchi-Type Starlike Functions Involving Caputo-Type Fractional Derivatives Subordinated to the Three-Leaf Function	Mathematics	12	14			2.3	10.3390/math12142273

3352	Lasota A., Shekhar S.K.	Cultural and gender differences in predicting flourishing through gratitude and life purpose. Moderated mediation analyses	Journal of Social and Personal Relationships					2.3	10.1177/02654075241269678
3353	Agrawal P., Kenche S., Kumar T.S.	Drilling performance analysis on super duplex stainless steel (AISI 2507) using scalable pulse power plasma TiSiN- and AlTiN-coated tools and optimizing machining parameters through Taguchi–Fuzzy approach	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.3	10.1177/09544089241270849
3354	Pardhu T., Kumar V., Kanavos A., Gerogiannis V.C., Acharya B.	Enhanced Classification of Human Fall and Sit Motions Using Ultra-Wideband Radar and Hidden Markov Models	Mathematics	12	15			2.3	10.3390/math12152314
3355	Aarathi T., Subramanyam Reddy A., Jagadeshkumar K., Ramachandra Prasad V., Bég O.A.	Entropy generation in a chemically reactive magnetohydrodynamic unsteady micropolar nanofluid flow with activation energy over an inclined stretching sheet: A Buongiorno model approach	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.3	10.1177/09544089241272900

3356	Saravanan B., Asokan M.A.	Impact of varying injection pressure on CI engine characteristics fuelled with Ceiba pentandra biodiesel and NOx reduction strategy	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.3	10.1177/09544089241263754
3357	Chakrapani G., Venkatesh S.N., Mahanta T.K., Lakshmaiya N., Sugumaran V.	Optimizing sample length for fault diagnosis of clutch systems using deep learning and vibration analysis	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.3	10.1177/09544089241272791
3358	Gomathy G., Kumar B.R.	Thermal analysis of MHD unsteady Darcy-Forchheimer thin film flow in a porous system	ZAMM Zeitschrift fur Angewandte Mathematik und Mechanik					2.3	10.1002/zamm.202300935
3359	Kumanan T.S., Sofi A.	Waste-based evolution of elasticity in altered lime adobe units with explanatory predictions of peak functions models	Innovative Infrastructure Solutions	9	9			2.3	10.1007/s41062-024-01634-y
3360	Kumanan T.S., Sofi A.	A review of mechanical properties of clay adobe bricks stabilized with Agro-wastes and varied water-clay proportions	Innovative Infrastructure Solutions	9	9			2.3	10.1007/s41062-024-01656-6

3361	Panickar A., Manoharan A., Anbarasu A., Ramaiah S.	Respiratory tract infections: an update on the complexity of bacterial diversity, therapeutic interventions and breakthroughs	Archives of Microbiology	206	9			2.3	10.1007/s00203-024- 04107-z
3362	Shinde G.V., Suryawanshi A., Behera N.	Prediction of friction stir welding performances of dissimilar AA3003-H12 and C12200-H01 using machine learning algorithms	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.3	10.1177/095440892 41272824
3363	Joseph B., Babu S.	Effect of Organic and Chemical Fertilizer on the Diversity of Rhizosphere and Leaf Microbial Composition in Sunflower Plant	Current Microbiology	81	10			2.3	10.1007/s00284-024- 03856-w
3364	Ruhal R., Sahu A., Koujalagi T., Das A., Prasanth H., Kataria R.	Biofilm-specific determinants of enterococci pathogen	Archives of Microbiology	206	10			2.3	10.1007/s00203-024- 04119-9
3365	Tharani P.V., Rao K.V.B.	A comprehensive review on microbial diversity and anticancer compounds derived from seaweed endophytes: a pharmacokinetic and pharmacodynamic approach	Archives of Microbiology	206	10			2.3	10.1007/s00203-024- 04121-1

3366	Ganesh Moorthy J., Jerome Moses M., Kalaiselvan N.	Active power regulation in low voltage grid-tied inverters for rooftop solar PV systems: Progress and future directions	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	46	1	81	104	2.3	10.1080/15567036.2024.2392891
3367	Gowri K.; Abdul Rahim. A.	Studies on hybrid quaternary blended limestone calcined clay cement (LC3) for sustainable concrete	Innovative Infrastructure Solutions	9	11			2.3	10.1007/s41062-024-01742-9
3368	Murali Krishna G.; Natarajan A.; Krishnasamy V.	Device-free crowd counting using multi-link WiFi CSI for occupant-driven energy management of HVAC systems	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	46	1	14318	14333	2.3	10.1080/15567036.2024.2414847
3369	Pitchumani S.V.; Perianayaghi A.M.; Bharathi B.S.; Gopalan V.; Sampath A.; Loganathan T.G.	Comparison studies on acoustic behaviour of natural fibre-reinforced polymer matrix composites	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.3	10.1177/09544089241282482
3370	Thamizhselvi V.; Satya Narayana P.V.	Advanced heat transfer analysis using RSM-BBD for MHD hybrid nanofluid flow over a nonuniform stretching sheet with viscous dissipation	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.3	10.1177/09544089241285666

3371	Bollarapu M.J.; Kuchibhotla S.; Kvsn R.; Patel H.	Dynamic perspectives on biodiversity quantification: beyond conventional metrics	PeerJ	12	10			2.3	10.7717/peerj.1792 4
3372	Kumar D.P.; Jebaraj A.V.	Analysis of laser power/scan speed combinations on constant energy density: Correlation of roughness- density and structure- property of additively manufactured Ti-6Al-4 V alloy	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.3	10.1177/095440892 41286615
3373	Kirubakaran R.; Thamarai Selvan T.S.; Thirupathi S.; Pitchumani S.V.; Gopalan V.	Mechanical properties of seaweed/banana fiber/hBN filled epoxy composites using Box–Behnken method	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.3	10.1177/095440892 41282062
3374	Roy A.; Shaik S.	Innovative silica aerogel fiberglass walls and roofs: A path to lower carbon emissions and higher energy savings	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	46	1	14	34	2.3	10.1080/15567036.2 024.2404502
3375	Ajithkumar M.; Lakshminarayana P.	A study on bioconvective peristaltic flow of a Casson nanofluid in a porous uniform/ non-uniform flexible conduit	ZAMM Zeitschrift fur Angewandte Mathematik und Mechanik					2.3	10.1002/zamm.2023 00007

3376	Girija M.; Sampath Kumar T.	State of art on evaluation of three- to six-dimensional novel additive manufacturing technology for biomedical applications	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.3	10.1177/09544089241281985
3377	Sahu D.; Bahman A.; Bala Murugan K.S.; Dhurandher B.K.; Rai A.; Dwivedi G.; Kesharvani S.	Risk analysis of urea manufacturing plant using fuzzy logic approach	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.3	10.1177/09544089241281430
3378	Muniyappan S.; Krishnaiah R.	Assessment of ternary blend ratio of diesel/mahua biodiesel with n-heptane/fusel alcohol on CI engine characteristics ? an experimental and statistical approach	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	0	0	0	0	2.3	10.1177/09544089241297244

3379	Chimplee S.; Mitsuwan W.; Zulkifli M.; Eawsakul K.; Ongtanasup T.; Sangkanu S.; Mahboob T.; Oliveira S.M.R.; Wiart C.; Ramamoorthy S.; Pereira M.D.L.; Saravanabhavan S.S.; Wilairatana P.; Nissapatorn V.	Comparative efficacy of Knema retusa extract delivery via PEG-b-PCL, niosome, and their combination against Acanthamoeba triangularis genotype T4: characterization, inhibition, anti-adhesion, and cytotoxic activity	PeerJ	12	11	0	0	2.3	10.7717/peerj.18452
3380	Datta A.; Gupta D.; Waryani D.; C G.P.D.	Decoding differentially expressed genes to identify potential immunity associated biomarkers in Tuberculosis: An integrative bioinformatics approach	Biochemistry and Biophysics Reports	40	0	0	0	2.3	10.1016/j.bbrep.2024.101870
3381	Kanniyappan S.; Selvaraj S.K.	Effects of nanodiamonds on the mechanical properties, acoustic properties, vibration damping, and flame retardancy of ramie-fiber epoxy composite panels used for indoor applications	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	0	0	0	0	2.3	10.1177/09544089241296709
3382	Joseph A.; Murugan S.B.	Investigating the sustainable application of unprocessed sugarcane bagasse ash and alccofine in cementitious mortar from a physical, mechanical, and microstructural perspective	Innovative Infrastructure Solutions	9	12	0	0	2.3	10.1007/s41062-024-01783-0

3383	Bhardwaj K.; Yadav R.; Samanta A.; Jangir R.; Jali B.R.; Kumar S.K.A.; Sahoo S.K.	Pyrene Based Schiff Base for Cascade Fluorescent ?On-Off? Detection of Aluminium(III) and Fluoride Ions and its Applications in Live Cells Imaging	Chemistry and Biodiversity	0	0	0	0	2.3	10.1002/cbdv.202401790
3384	Senbagaraja P.K.; De P.	Statistical analysis of bioconvective EMHD tangent hyperbolic nanofluid with thermal radiation and heat source/sink	ZAMM Zeitschrift fur Angewandte Mathematik und Mechanik	0	0	0	0	2.3	10.1002/zamm.202300483
3385	Viswanathan D.; Christudoss A.C.; Seenivasan R.; Mukherjee A.	Decoding Plant Hormesis: Cerium Oxide Nanoparticles and the Role of Soil EPS in the Growth Dynamics of Allium sativum L.	ACS Agricultural Science and Technology	0	0	0	0	2.3	10.1021/acsagscitech.4c00562
3386	Razi K.; Suresh P.; Mahapatra P.P.; Al Murad M.; Venkat A.; Notaguchi M.; Bae D.W.; Prakash M.A.S.; Muneer S.	Exploring the role of grafting in abiotic stress management: Contemporary insights and automation trends	Plant Direct	8	12	0	0	2.3	10.1002/pld3.70021
3387	Basha S.K.; Behura A.K.	Thermal performance of parabolic trough solar collector employing novel absorber tubes equipped with distinct heat transfer fluids: An experimental study	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	46	1	16675	16701	2.3	10.1080/15567036.2024.2430416
3388	Suganthi A.; Jasim K.M.	Understanding the Customers? Emotions and Experience of Robot-assisted Services in Luxury Hotels and Its Influence on Revisit Intention	Global Business Review	0	0	0	0	2.3	10.1177/09721509241299942

3389	Tiwari R.; Paul S.; Singh M.K.; Rahul A.K.; Akilan K.	User velocity estimation in HetNets utilizing vertical and horizontal handover counts via maximum likelihood estimation	Eurasip Journal on Wireless Communications and Networking	2024	1	0	0	2.3	10.1186/s13638-024-02423-y
3390	Singh A.V.; Ganguly K.; Dutt J.K.	Vibration reduction of rotor systems using magneto-rheological elastomeric supports	JVC/Journal of Vibration and Control	0	0	0	0	2.3	10.1177/10775463241290556
3391	Mani G.; Thepperumal S.K.	Recent Trends on Additive Manufacturing Biomaterial Composites in Tissue Regeneration Future Perspectives, Challenges, and Road Maps to Clinics for Biomedical Applications?A Review	3D Printing and Additive Manufacturing	0	0	0	0	2.3	10.1089/3dp.2024.0123
3392	El Bakri Y., Kurbanova M., Ahsin A., Karthikeyan S., Maharramov A., Al-Salahi R., Kansız S., Mali S.N., Ashfaq M.	Synthesis, crystal structure investigation, and theoretical approaches to discover potential 6-bromo-3-cyanocoumarin as a potent inhibitor MetAP (methionine aminopeptidase) 2	Chemical Physics Impact	8				2.2	10.1016/j.chphi.2024.100477
3393	Murali T., Devendiran S.	Design of an internally cooled green tubular channel for turning application	Journal of the Brazilian Society of Mechanical Sciences and Engineering	46	2			2.2	10.1007/s40430-023-04652-6

3394	Abul Kalaam A.R., Berin Greeni A.	Comparative analysis of modified reverse degree topological indices for certain carbon nanosheets using entropy measures and multi criteria decision-making analysis	International Journal of Quantum Chemistry	124	1			2.2	10.1002/qua.27326
3395	Reshma K.P., Kumar A.	Stability and bifurcation in a predator-prey system with effect of fear and additional food	AIMS Mathematics	9	2	4211	4240	2.2	10.3934/math.2024208
3396	Devaraj A., Mahalingam G.	Green synthesis of Au Nps using Hemidesmus indicus root extract (Hire) and investigating its potential biomedical efficacies	Chemical Papers					2.2	10.1007/s11696-023-03280-7
3397	Kalimuthu M., Ramya M., Sreethar S., Nandhagopal N.	Gastric cancer classification in saliva data samples using Levy search updated rainfall hybrid deep dual-stage BILSTM	Journal of Experimental and Theoretical Artificial Intelligence					2.2	10.1080/0952813X.2023.2301371
3398	Rakshaskar R., Kannan C.	Experimental investigation and optimization with vegetable oil-based biodiesels as dielectric in EDM: green initiative towards sustainable manufacturing	Journal of the Brazilian Society of Mechanical Sciences and Engineering	46	1			2.2	10.1007/s40430-023-04647-3
3399	Vivek S., Vijayakumar V.	A class of time-optimal feedback control for fractional neutral evolution hemivariational inequalities with fixed delay	Optimization					2.2	10.1080/02331934.2023.2295468

3400	Pavani K., Raghavendar K.	A novel method to study time fractional coupled systems of shallow water equations arising in ocean engineering	AIMS Mathematics	9	1	542	564	2.2	10.3934/math.2024029
3401	Konda Y.R., Ponnaganti V.K., Reddy P.V.S., Singh R.R., Mercorelli P., Gundabattini E., Solomon D.G.	Thermal Analysis and Cooling Strategies of High-Efficiency Three-Phase Squirrel-Cage Induction Motors—A Review	Computation	12	1			2.2	10.3390/computatio n12010006
3402	Surendran P., Lakshmanan A., Priya S.S., Balakrishnan K., Rameshkumar P., Kannan K., Mahalakshmi K., Gayathri V., Vinitha G.	Synthesis of fluorescent carbon quantum dots from Manihot esculenta waste peels for nonlinear optical and biological applications	Chemical Physics Impact	8				2.2	10.1016/j.chphi.2024.100515
3403	Paul S.K., Mishra L.N.	Stability analysis through the Bielecki metric to nonlinear fractional integral equations of n-product operators	AIMS Mathematics	9	4	7770	7790	2.2	10.3934/math.2024377
3404	Suresh A., Dwarakanath B., Nanda A.K., Santhosh Kumar P., Sankar S., Cheerla S.	An Evolutionary Computation-Based Federated Learning for Host Intrusion Detection in Real-Time Traffic Analysis	Wireless Personal Communications					2.2	10.1007/s11277-023-10852-z

3405	Arunkumar E., Devendiran S.	Investigation and optimization of multiple objectives by hybrid evolutionary algorithms for turning of Nimonic 80A under nano MQL environment	Advances in Materials and Processing Technologies					2.2	10.1080/2374068X.2024.2307152
3406	Pradeesh J., Vijayakumar V.	An analysis on asymptotic stability of Hilfer fractional stochastic evolution equations with infinite delay	Optimization					2.2	10.1080/02331934.2024.2306292
3407	Johnson M., Mohan Raja M., Vijayakumar V., Shukla A.	Optimal control results for fractional differential hemivariational inequalities of order $r (1, 2)$	Optimization					2.2	10.1080/02331934.2024.2306304
3408	Raghu K., Tamilselvi S., Devishamani C.S., Suchetha M., Rajalakshmi R., Raman R.	The Utility of ChatGPT in Diabetic Retinopathy Risk Assessment: A Comparative Study with Clinical Diagnosis [Response to Letter]	Clinical Ophthalmology	18		313	314	2.2	10.2147/OPHTH.S461186
3409	Kumaresan N., Rammohan A.	A comprehensive review on energy management strategies of hybrid energy storage systems for electric vehicles	Journal of the Brazilian Society of Mechanical Sciences and Engineering	46	3			2.2	10.1007/s40430-024-04736-x
3410	Das T.K., Kerikous E., Janiga G., Venkatesan N., Thévenin D., Samad A.	Mapping performance of a marine energy harvesting turbine for flow coefficient and Reynolds number with varying Mach number through an automated optimization technique	Journal of the Brazilian Society of Mechanical Sciences and Engineering	46	4			2.2	10.1007/s40430-024-04763-8

3411	Sathish S., Navamathavan R.	Pistachio Waste-Derived Activated Carbon Materials for Sustainable Energy Storage: Supercapacitor Applications	ECS Journal of Solid State Science and Technology	13	2			2.2	10.1149/2162-8777/ad2ae9
3412	Rai C., Singh S., Singh A.K., Maurya R., Verma R.K., Rajpoot V.	A Compact and Wideband Circularly Polarized Hybrid Ring CDRA for C/X/Ku-Band Communication	Wireless Personal Communications					2.2	10.1007/s11277-024-10924-8
3413	Dhivya P., Diwakaran D., Selvapriya P.	Best proximity points for proximal Górnicki mappings and applications to variational inequality problems	AIMS Mathematics	9	3	5886	5904	2.2	10.3934/math.2024287
3414	Italiya G., Dongaonkar A., Jayakumar N., Subramanian S.	Sono-assisted adsorption of nitrate by Fe-modified chitosan–zeolite composite material	Journal of Dispersion Science and Technology					2.2	10.1080/01932691.2024.2325390
3415	Janumala E., Govindarajan M., Reddi B.V., Manickam M., Venkatesan E.P., Saleel C.A., Alwetaishi M., Shaik S., Nur-E-Alam M., Soudagar M.E.M.	Exploring thermal dynamics of polyaniline-modified paraffin wax phase change material with varied PANI loadings (1–4% wt.)	Heat and Mass Transfer/Waerme und Stoffuebertragung					2.2	10.1007/s00231-024-03454-3
3416	Hidan M., Wanas A.K., Khudher F.C., Murugusundaramoorthy G., Abdalla M.	Coefficient bounds for certain families of bi-Bazilevič and bi-Ozaki-close-to-convex functions	AIMS Mathematics	9	4	8134	8147	2.2	10.3934/math.2024395
3417	Mari B., Jeyaraj R.S.	Radio number of 2– super subdivision for path related graphs	AIMS Mathematics	9	4	8214	8229	2.2	10.3934/math.2024399

3418	Das G.C., Saha S., Choukiker Y.K., Bhowmick A.	Performance of hybrid transmission in a reconfigurable intelligent surface assisted D2D using NOMA	Physical Communication	64				2.2	10.1016/j.phycom.2024.102353
3419	Murali T., Devendiran S.	A new internal cooling system for a green tubular channel investigated for tool life in Hastelloy-B3 turning for MQL medium	Journal of the Brazilian Society of Mechanical Sciences and Engineering	46	4			2.2	10.1007/s40430-024-04774-5
3420	Saiteja P., Ashok B., Upadhyay D.	Evaluation of Electric Vehicle Performance Characteristics for Adaptive Supervisory Self-Learning-Based SR Motor Energy Management Controller under Real-Time Driving Conditions	Vehicles	6	1	509	538	2.2	10.3390/vehicles6010023
3421	Chakibanda V., Komanapalli V.L.N.	Coil Parameter Analysis for Inductively Coupled Wireless Charging for Electric Vehicles	Vehicles	6	1	468	483	2.2	10.3390/vehicles6010021
3422	Castillo-Soria F.R., Gutierrez C.A., Kumaravelu V.B., Garcia-Barrientos A.	RIS-Assisted Non-orthogonal Multiple Access System Based on SSK	Wireless Personal Communications	134	4	2391	2412	2.2	10.1007/s11277-024-11055-w
3423	Premalatha B., Prakasam P.	A Review on FoG Computing in 5G Wireless Technologies: Research Challenges, Issues and Solutions	Wireless Personal Communications	134	4	2455	2484	2.2	10.1007/s11277-024-11061-y

3424	Ayyasamy S., Chandran B.P., Gunamony S.L., Shanmugam R.	Investigations on ACS-Fed Wearable Antenna With Frequency Reconfiguration Between n78 and WLAN Band	Wireless Personal Communications	134	4	2439	2453	2.2	10.1007/s11277-024- 11060-z
3425	Anusha R., Saravanan R.	Enhancement of Lightweight Secure Blockchain Based Edward-El Gamal in the Internet of Things (IoT)	Wireless Personal Communications	134	3	1421	1442	2.2	10.1007/s11277-024- 10953-3
3426	Sangeetha R., Gandhi U.D.	Priority Based Energy Efficient MAC Protocol by Varying Data Rate for Wireless Body Area Network	Computer Systems Science and Engineering	48	2	395	411	2.2	10.32604/csse.2023. 041217
3427	Devaraj S., Madian N., Menagadevi M., Remya R.	Deep Learning Approaches for Analysing Papsmear Images to Detect Cervical Cancer	Wireless Personal Communications					2.2	10.1007/s11277-024- 10986-8
3428	Pregina K., Kannan M.R.	Fuzzy-Graphical Evaluation and Review Technique for Scheduling Construction Projects	KSCE Journal of Civil Engineering					2.2	10.1007/s12205-024- 0904-z
3429	Seshasai K., Sathyakam P.U., Mummaneni K.	Optimal segmentation of Cu–CNT interconnects	Multiscale and Multidisciplinary Modeling, Experiments and Design					2.2	10.1007/s41939-024- 00427-1
3430	Sarathy R., Ravi Sankar J.	Coloring of graphs associated with commutative rings	Journal of Applied Mathematics and Computing					2.2	10.1007/s12190-024- 02055-x

3431	Samraj R., Pannem R.M.R.	A critical review on the effect of graphene oxide in fiber reinforced cementitious systems	Journal of Dispersion Science and Technology					2.2	10.1080/01932691.2024.2334861
3432	Anusuya P., Kumar P.	Analysis of interface trap charges on RF/analog performances of dual-gate-source-drain Schottky FET for high-frequency applications	Multiscale and Multidisciplinary Modeling, Experiments and Design					2.2	10.1007/s41939-024-00419-1
3433	Kolli N.K., Anandan D., Jaiswal A.K., Kundu S., Roy S.	Unveiling the multi-faceted features and potential applications of novel combeite–barium titanate composites	Chemical Papers					2.2	10.1007/s11696-024-03406-5
3434	Mutra R.R., Srinivas J., Reddy D.M., Rani M.N.A., Yunus M.A., Yahya Z.	Dynamic and stability comparison analysis of the high-speed turbocharger rotor system with and without thrust bearing via machine learning schemes	Journal of the Brazilian Society of Mechanical Sciences and Engineering	46	5			2.2	10.1007/s40430-024-04892-0
3435	Sahu H.K., Panda P.K.	D2A Performance with SSK Modulation and SWIPT in Green Smart Cities	Wireless Personal Communications					2.2	10.1007/s11277-024-11158-4
3436	Rajesh M., Venkatesan R., Murali A.P., Al-Asbahi B.A., Hiremath V.S., Sasikumar R., Dhilipkumar T.	Evaluating the in-plane strength and vibrational behaviour of z-pinned fibre-reinforced composites	Multiscale and Multidisciplinary Modeling, Experiments and Design					2.2	10.1007/s41939-024-00454-y

3437	Nandakumar P., Subhashini R.	Heart Disease Prediction Using Convolutional Neural Network with Elephant Herding Optimization	Computer Systems Science and Engineering	48	1	58	75	2.2	10.32604/csse.2023.042294
3438	S P., N P., Perumal I., G S., B M., M P.	Adsorption of thorium (IV) from aqueous solutions using mesoporous TiO ₂ : Kinetics, isotherm and thermodynamics	Chemical Physics Impact	8				2.2	10.1016/j.chphi.2024.100638
3439	Balasubramanian D., Chidambaram N., Ravi V., Siddiqui M.K.	QSPR analysis of anti-asthmatic drugs using some new distance-based topological indices: A comparative study	International Journal of Quantum Chemistry	124	9			2.2	10.1002/qua.27372
3440	Vaiyapuri T., Balaji P., Shridevi S., Dharmarajlu S.M., Alaseem N.A.	An attention-based bidirectional long short-term memory based optimal deep learning technique for bone cancer detection and classifications	AIMS Mathematics	9	6	16704	16720	2.2	10.3934/math.2024810
3441	Vaiyapuri T., Sivakumar M., Shridevi S., Parvathy V.S., Ramesh J.V.N., Syed K., Mohanty S.N.	An intelligent water drop algorithm with deep learning driven vehicle detection and classification	AIMS Mathematics	9	5	11352	11371	2.2	10.3934/math.2024557
3442	Sivasankar S., Udhayakumar R., Elamin A.E.A.M.A., Samidurai R., Etemad S., Awadalla M.	Attractive solutions for Hilfer fractional neutral stochastic integro-differential equations with almost sectorial operators	AIMS Mathematics	9	5	11486	11510	2.2	10.3934/math.2024564

3443	Tamiloli N., Venkatesan J., Kumar T.S.	Mechanical, Corrosion, and Tribological Properties of Coated Milling Inserts	Journal of Materials Engineering and Performance					2.2	10.1007/s11665-024- 09645-7
3444	Kumar A., Dhanalakshmi R.	EYE-YOLO: a multi-spatial pyramid pooling and Focal- EIOU loss inspired tiny YOLOv7 for fundus eye disease detection	International Journal of Intelligent Computing and Cybernetics					2.2	10.1108/IJICC-02- 2024-0077
3445	Dasari S., Kaluri R.	2P3FL: A Novel Approach for Privacy Preserving in Financial Sectors Using Flower Federated Learning	CMES - Computer Modeling in Engineering and Sciences	140	2	2035	2051	2.2	10.32604/cmcs.2024 .049152
3446	Vasudevan R., Nur Afiqah M., Mohd Nazil S., Wan Aliaa W.S., Liyana Najwa I.M., Mohd Hazmi M., Siew Mooi C., Abdul Hanif Khan Y.K., Hamidon B., Pannerselvam P., Suganthi V., Narenkumar J.	Genetic Susceptibility Variants of Vascular Dementia among Asians: A Systematic Review and Meta-Analysis	Dementia and Geriatric Cognitive Disorders					2.2	10.1159/000538864
3447	Muniyasamy R., Manjubala I.	Insights into the Mechanism of Osteoporosis and the Available Treatment Options	Current Pharmaceutical Biotechnology	25	12	1538	1551	2.2	10.2174/011389201 0273783231027073 117

3448	Goel S., Bhardwaj V., Rao P.N., Singh D., Jayaganthan R., Rastogi S.B., Rajoria C.S., Bhushan A., Bhamu J., Ram S.C.	Investigating the Microstructural Evolution and Homogeneity in Al 6061 Alloy Processed through Multi- directional Forging at Cryogenic Temperature	Journal of Materials Engineering and Performance					2.2	10.1007/s11665-024- 09757-0
3449	Bharathi P., Kumar T.S.	Microstructure and Corrosion Characteristics of Dual Reinforced (SiC–B4C) Al Matrix Composites Produced by Powder Metallurgy Process	Journal of Materials Engineering and Performance					2.2	10.1007/s11665-024- 09772-1
3450	Dinakaran S., Swarnavalli G.C.J., Jino A.A.C., Meher S.R.	Numerical Simulation Approach for an Investigation of Critical Parameters of ZTO Buffer Layer for CZTS Photovoltaic Cell Performance: A One- Dimensional Modeling	Journal of Electronic Materials					2.2	10.1007/s11664-024- 11247-x
3451	Lino L., Saravana Kumar R., Mohanbabu A., Murugapandiyan P.	Simulation-Based DC and RF Performance Analysis of an Enhancement-Mode T-Gate Al _{0.15} Ga _{0.85} N/GaN/Al _{0.07} Ga 0.93N/GaN/Al _{0.05} Ga _{0.95} N MIS-HEMT Device on a GaN Substrate	Journal of Electronic Materials					2.2	10.1007/s11664-024- 11289-1

3452	Mondal S.R., Giri M.K., Kondooru R.	Sufficient Conditions for Linear Operators Related to Confluent Hypergeometric Function and Generalized Bessel Function of the First Kind to Belong to a Certain Class of Analytic Functions	Symmetry	16	6			2.2	10.3390/sym160606 62
3453	Pandey R.K.	Ab Initio Materials Modeling of Point Defects in a High- κ Metal Gate Stack of Scaled CMOS Devices: Variability Versus Engineering the Effective Work Function	Journal of Electronic Materials					2.2	10.1007/s11664-024- 11347-8
3454	Meena R., Chakraborty S., Pal V.C., Lala H.	Experimentally validated fractional-order PI with anti- windup for fractional-order plus time delay processes	International Journal of Dynamics and Control					2.2	10.1007/s40435-024- 01483-8
3455	Mahendiran S., Ramanujam R.	Investigation of Corrosion Behavior of Wrought and Wire + Arc Additive Manufactured Inconel 625 in Air and Molten Salts at High- Temperature Environments	Journal of Materials Engineering and Performance					2.2	10.1007/s11665-024- 09974-7
3456	Rekha D., Kaliyappan H.K.	Collaborative robot acting as scrub nurse for cataract surgery (CRASCS)	Journal of Robotic Surgery	18	1			2.2	10.1007/s11701-024- 02089-0

3457	Subashini J.M., Gethsia Judin L., Amirdha S., Vislavath S.C., Palanisamy R., Sathiyamoorthy S., Veluswamy P.	Durability design and construction enhancement of Textile Electrode Shape on Analysis of Its Surface Electromyography Signal	IEEE Sensors Letters					2.2	10.1109/LSENS.2024 .3458906
3458	David Rajasingh C.G.G., Palaniyandi K., Moganraj A.	Investigations on Energy Absorption Behavior of Laser Powder Bed Fusion-Based 2D and 3D Multi-layered Sandwich Lattice Structures	Journal of Materials Engineering and Performance					2.2	10.1007/s11665-024- 10003-w
3459	Deora N., Venkatraman K.	Potential use of plant-based therapeutics for the management of SARS-COV2 infection in diabetes mellitus – a review	Journal of Herbal Medicine	47				2.2	10.1016/j.hermed.2 024.100923
3460	Kumar S.H., Kanish T.C.	A review on indoor air quality monitoring system: a mechatronics approach	Aerobiologia					2.2	10.1007/s10453-024- 09835-9
3461	Ahmed R.; Sridevi S.	Quantum space-efficient large language models for Prolog query translation	Quantum Information Processing	23	10			2.2	10.1007/s11128-024- 04559-8
3462	Inbarani J.; Manikandan E.	Narrowband Frequency- Selective Surface on 3D- Printed Substrate for X-Band Applications	Journal of Electronic Materials					2.2	10.1007/s11664-024- 11526-7

3463	Sharma H.; Pathak M.	Synthesis and Theoretical Evaluation of New Copper(II) Complexes Associated with a Crystalline Schiff Base: DNA/BSA Protein Interaction, Radical Scavenging and Cytotoxicity	European Journal of Inorganic Chemistry					2.2	10.1002/ejic.202400302
3464	Ramkumar K.R.; Vigneshwaran S.; Singh C.; Kim R.E.; Seenuvasaperumal P.; Kim H.S.	Effect of Cryorolling on Strengthening–Softening Transition in Deformation Twinned Cupronickel Alloy	Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science					2.2	10.1007/s11661-024-07602-6
3465	Deepanramkumar P.; Sharmila A.H.; Radhakrishnan N.; Sudheer D.; Devasia J.V.; Reddy C.P.; Yenduri G.; Jaisankar N.	Enhancing Connectivity in Rural Areas: Secure Spectrum Access in 6G Networks Using Advanced Encryption and Spectrum Sensing Techniques	IT Professional	26	4	22	28	2.2	10.1109/MITP.2024.3433402
3466	Saha M.; Dutta S.	Bayesian and non-Bayesian inference of the process capacity index Spk' under progressive type-II right censored scheme	Quality and Reliability Engineering International					2.2	10.1002/qre.3670

3467	Raghul M.; Porchelvan P.	An Approach for Monitoring Chlorophyll-A and Turbidity Levels in Saduperi and Kaveripakkam Lakes Located in and Around Vellore Region, Tamil Nadu, India, Using Spectral Unmixing Technique	Journal of the Indian Society of Remote Sensing					2.2	10.1007/s12524-024-02019-5
3468	Kundu S.K.; Dey A.K.; Sapkota S.C.; Debnath P.; Saha P.; Ray A.; Khandelwal M.	Advanced predictive modelling of electrical resistivity for geotechnical and geo-environmental applications using machine learning techniques	Journal of Applied Geophysics	231	0	0	0	2.2	10.1016/j.jappgeo.2024.105557
3469	El-Ashwah R.M.; El-Qadeem A.H.; Murugusundaramoorthy G.; Elshazly I.S.; Halouani B.	Attributes of Subordination of a Specific Subclass of p-Valent Meromorphic Functions Connected to a Linear Operator	Symmetry	16	10	0	0	2.2	10.3390/sym16101338
3470	Jose B.; Manoharan M.; Natarajan A.; Muktinutalapati N.R.; Reddy G.M.	Laser Hybrid Welding?An Advanced Joining Technique for Welding of Thick Plates of Maraging Steel	Journal of Materials Engineering and Performance	0	0	0	0	2.2	10.1007/s11665-024-10409-6
3471	Joseph B.; Babu S.	Microbiome and nutrient dynamics of organic manures for precision NPK management in sunflower (<i>Helianthus annuus</i> L.)	Annals of Applied Biology	0	0	0	0	2.2	10.1111/aab.12955
3472	Elayaraja R.; Rajamurugan G.	Performance of Hybrid Composites Fabricated by Flax/Hemp Fibers Using Wire Mesh Plain Weaving Techniques	Fibers and Polymers	25	12	4873	4883	2.2	10.1007/s12221-024-00763-6

3473	Kumar P.K.; Balaji B.; Vardhan C.S.; Gowthami Y.; Agarwal V.; Shashidhar M.; Sagar K.; Jena B.; Pedapudi M.C.; Manikanta K.	Spacer Engineered Halo-Doped Nanowire MOSFET for Digital Applications	Journal of Electronic Materials	54	1	758	772	2.2	10.1007/s11664-024-11557-0
3474	Gowdaman R.; Deepa A.; Singla Y.K.	Recent Advances in PVDF/Carbon-Based Nanocomposite Fibers for Piezoelectric Energy Harvesting Applications	Journal of Electronic Materials	54	1	24	50	2.2	10.1007/s11664-024-11589-6
3475	Mamgain R.; Sakthivel K.; Singh F.V.	Recent advances in transition-metal-free arylation reactions involving hypervalent iodine salts	Beilstein Journal of Organic Chemistry	20	0	2891	2920	2.2	10.3762/bjoc.20.243
3476	Murugapandiyan P.; Revathy A.; Ramkumar N.; Kumar R.S.; Mohanbabu A.	Comparative Study of AlGaN/InGaN/ δ -Ga ₂ O ₃ and InAlN/InGaN/ δ -Ga ₂ O ₃ HEMTs for Enhanced RF Linearity	Journal of Electronic Materials	0	0	0	0	2.2	10.1007/s11664-024-11664-y
3477	Barnwal V.K.; Lingam R.; Choi J.; Kim J.-H.; Barlat F.	Failure Characteristics of Extra-Formable Steel Sheet Exhibiting Inhomogeneous Deformation Bands	Journal of Materials Engineering and Performance	0	0	0	0	2.2	10.1007/s11665-024-10552-0
3478	El-Qadeem A.H.; Murugusundaramoorthy G.; Halouani B.; Elshazly I.S.; Vijaya K.; Mamon M.A.	On δ -Pseudo Bi-Starlike Functions Related to Second Einstein Function	Symmetry	16	11	0	0	2.2	10.3390/sym16111429

3479	Nandhini K., Kalainathan S.S.	Preparation, Crystal Structure, Physico-chemical and Nonlinear Optical Properties of a New D- π -A Centrosymmetric Stilbazolium Framework of 4-[2-(3hydroxyphenyl)-vinyl]-1-methylpyridinium iodide (HMPI)	ChemistrySelect	9	4			2.1	10.1002/slct.202303847
3480	Ghosh S., Hazra A., Bari S., Dutta T., Mandal S.K., Ghosh P., Roy P.	Detection of the +3 Oxidation State of Metal Ions with the Aid of a Rhodamine-Based Dye and Applications in Construction of Complex Logic Circuits and Living Cell Imaging	ChemistrySelect	9	2			2.1	10.1002/slct.202303245
3481	Selvam P., Bhaskar R., Ramasamy S.K., Pradeep I., Kumar S.K.A.	A Fluorenone Derived Schiff Base as a Selective Colorimetric Sensor for Copper Ions and its Applications	ChemistrySelect	9	1			2.1	10.1002/slct.202304267
3482	Arulmurugan S., Suresh Kumar T.R., Alex Z.C.	Screen-printed dual-band wearable textile antenna incorporated with EBG structure for WBAN communications	International Journal of Communication Systems					2.1	10.1002/dac.5716

3483	Pasuparthi S.D., Maiti B.	Facile synthesis of bis(indol-3-yl)methane derivatives catalyzed by carboxylic acid functionalized ionic liquid at room temperature: Investigation of photophysical properties, DFT calculations and molecular docking with bovine serum albumin	Tetrahedron	153				2.1	10.1016/j.tet.2024.133845
3484	Pavankumar B.B., Ranjan P., Panicker R.R., Jha P.C., Brahmananda Rao C.V.S., Desikan R., Sivaramakrishna A.	New Tritopic Terpyridine-based Fluorescent Probe for the Efficient Determination of Th ⁴⁺ , Zn ²⁺ and F ⁻ Ions	ChemistrySelect	9	7			2.1	10.1002/slct.202304509
3485	Salimath S.V., Pathak M.	1-Benzyl-1H-indazol-3-ol Copper(II) Derivatives as Anticancer Agents: In-vitro Interaction with DNA/BSA, DFT, Molecular Docking and Cytotoxicity on MCF7 Cells	ChemistrySelect	9	7			2.1	10.1002/slct.202304565
3486	Hemamalini A., Thirunarayanan A., Karthikeyan S.	Studies on the synthesis of sugar chalcone derivatives for protein binding	ChemistrySelect	9	5			2.1	10.1002/slct.202303077

3487	Chithra V.S., Prabu S., Babu G., Viswanathan T., David E., Logesh K., Palanisami N.	AIE-Active Ferrocene Appended Linear (D- π -A) Aromatic Ester Chromophores: Structural, Theoretical and Effect on Phenyl Ring on Luminescence and Nonlinear Optical Properties	ChemistrySelect	9	5			2.1	10.1002/slct.202304238
3488	Shaik K., Kumar V.	Compact triple band notched UWB MIMO antenna with integrated GSM	International Journal of Communication Systems					2.1	10.1002/dac.5708
3489	Riyamol, Jeevitha G.C	Microwave and ultrasound-assisted natural deep eutectic solvents-based extraction of pectin from onion peel wastes	CYTA - Journal of Food	22	1			2.1	10.1080/19476337.2024.2311215
3490	Jambhale P.M., Narwade V.N., Shariq M., Bogle K.A., Shirsat M.D.	Waste to Wealth: Upcycling Waste Toner into Magnetic Fe ₃ O ₄ and Conducting Polymer Hybrids for Enhanced Energy Storage Application	Journal of Electronic Materials					2.1	10.1007/s11664-024-10953-w

3491	Kanekal D., Jindal S.K.	Prefabrication design, theoretical framework and simulation demonstration of a meander-shaped MEMS piezoresistive pressure sensor implanted on silicon substrate circular diaphragm for enhancement of key performance parameters utilized for low-pressure applications	Journal of Computational Electronics					2.1	10.1007/s10825-024-02133-0
3492	Patel S.K., Kumar R., Soni A.K., Tamrakar C., Roy C.	Theoretical optimization and design of graphene-based multiple-band terahertz absorbers for sensing applications	Microsystem Technologies					2.1	10.1007/s00542-024-05611-4
3493	Pandi Ravichandran V., Velayudham N., Velayudham P.	On the design and analysis of a miniaturized ultra-wideband (UWB) antenna using quatrefoil-shaped nonuniform meta-surfaces for body-centric communications	International Journal of Communication Systems					2.1	10.1002/dac.5712
3494	Reddy M.V., Ajithkumar M., Lone S.A., Ali F., Lakshminarayana P., Saeed A.	Magneto-Williamson nanofluid flow past a wedge with activation energy: Buongiorno model	Advances in Mechanical Engineering	16	1			2.1	10.1177/16878132231223027

3495	Jose J., Hotta T.K.	Numerical Investigation on Thermal Performance of Nanofluid-Assisted Wickless Heat Pipes for Electronic Thermal Management	Journal of Thermal Science and Engineering Applications	16	4			2.1	10.1115/1.4064589
3496	Prakash S.H., Rajeshkumar S., Khan M.A., Prabu C.S., Khan M.R., Arunkumar E., Roopan S.M.	“Enhancing Fruit Preservation: Fungal Growth Inhibition with Grape Seed-Mediated Ag@AgCl Nanoparticles through Desirability-Based Optimization”	ChemistrySelect	9	12			2.1	10.1002/slct.202304485
3497	Arya J.S., Vasudha T.K., Muthuvijayan V., Prasad E.	Amine- and Polyethylene glycol-Functionalized Pyrediyne Quantum Dots for Bioimaging Applications	ChemistrySelect	9	11			2.1	10.1002/slct.202305138
3498	Umabharathi P.S., Purushothaman P., Karpagam S., Dasgupta T., Tamizhselvi R.	A One-Pot Synthesized Chemodosimetric Chemosensor for Highly Sensitive Cyanide Ion Detection in Aqueous Media and from Tobacco Smoke	ChemistrySelect	9	10			2.1	10.1002/slct.202303893
3499	Ilango P., Sivarajan N., RaviChandran A., Arunachalam R.	PCSSHO: An implementation of Percentage of Circle Search and Spotted Hyena Optimizer for multi-constraint load balancing and routing framework in FANET	International Journal of Communication Systems					2.1	10.1002/dac.5758

3500	Deepa P., Aarthi R., Kalainathan S., Raja C.R.	Investigation on the Structure, Spectral and Third-Order Nonlinear Optical Analysis of a New Organic Crystal: 4-Methylbenzylammonium Hydrogen Succinate	Journal of Electronic Materials					2.1	10.1007/s11664-024-10992-3
3501	Kumar S., Dubey M., Nawaria M., Gautam M.K., Das M., Bhardwaj R., Rani S., Mukherjee S.	Investigation of Filament Formation and Surface Perturbation in Nanoscale-Y2O3 Memristor: A Physical Modeling Approach	Journal of Electronic Materials					2.1	10.1007/s11664-024-10967-4
3502	Thomas J., Satija J.	Cheminformatics and QSAR-Based Identification of Natural Bioactive Compounds as Potent Inhibitors of SARS-CoV-2 N-7 Methyltransferases	ChemistrySelect	9	17			2.1	10.1002/slct.202304932
3503	Kavitha Preethi R., Kannadasan S., Shanmugam P.	One-Pot Triple and Mixed Double Michael Addition of Activated Alkenes to 2-Oxindole and 7-Aza-2-Oxindole: Synthesis of C-3/N-Functionalized Carbon Rich 2-Oxindole and 7-Aza-2-Oxindole Derivatives	ChemistrySelect	9	16			2.1	10.1002/slct.202304705

3504	Kali V., Maiti B.	[CMMIM][BF4] as a Sustainable Catalyst for Spirooxindoles Synthesis via One-Pot Multicomponent Reaction: Insights into their Photophysical Properties and Theoretical Calculations	ChemistrySelect	9	15			2.1	10.1002/slct.202401234
3505	Mohamed S.K., Karthikeyan S., Ahsin A., Omran O.A., Mague J.T., Al-Salahi R., Bakri Y.E.	Synthesis, Crystal Structure, Computational Investigation of Vanillin Azine Derivative as Potent Blocker of the N-Terminal Ras-Binding Domain (RBD) in Human a-Raf Kinase	ChemistrySelect	9	15			2.1	10.1002/slct.202305179
3506	Babu N., Santhosh Kumar S.V.N.	Chaos quantum optimization-based layered diagnosis framework for faulty sensor node diagnosis and classification in wireless sensor networks	International Journal of Communication Systems					2.1	10.1002/dac.5793
3507	Vijayapriya R., Arun S.L., Vengatesan K., Samee S.	Smart manufacturing supply chain process strategy using intelligent computation techniques	International Journal on Interactive Design and Manufacturing					2.1	10.1007/s12008-024-01836-9
3508	Das P., Madhav B.T.P.	Convolutd I-Shaped Metamaterial on Rigid and Flexible Substrates for Electromagnetic Cloaking	Journal of Electronic Materials					2.1	10.1007/s11664-024-11050-8

3509	Gopal M., Velmurugan T.	Efficient machine learning-based hybrid resource allocation for device-to-device underlay communication in 5G wireless networks	International Journal of Communication Systems					2.1	10.1002/dac.5783
3510	Rasool M., Srikanth M., Rithvik A.	3,3'-Diindolylmethane inhibits Th17 cell differentiation via impairing IRF-7-mediated plasmacytoid dendritic cell activation in imiquimod-induced psoriasis mice	In Vitro Cellular and Developmental Biology - Animal					2.1	10.1007/s11626-024-00901-7
3511	Patel R., Adhikari M.S., Bansal D., Johar A.	Hybrid Film Bulk Acoustic Resonator Fabricated Using a Single Bragg Reflector	Journal of Electronic Materials					2.1	10.1007/s11664-024-11044-6
3512	Kangeyan R., Karthikeyan M.	Circularly polarized implantable MIMO antenna for skin, brain and heart implantation with wide axial ratio bandwidth	International Journal of Communication Systems					2.1	10.1002/dac.5778
3513	Vishnu D., Dhandapani B., Vijayasimhan S., Rajendran A., Mukunthan M., Pandiyan M., Shankar A., Senthilkumar K.	Removal of Metal Ions from Wastewater Using Co-integrated Superparamagnetic Nanoparticles	Chemical Engineering and Technology					2.1	10.1002/ceat.202300306
3514	Ramakrishnan G., Bandi R., Seelam R., Pallavarapu L.	Influence of Slip Boundary Conditions on Jeffrey Fluid Flow in Tapered Conduit with Hall Current and Soret–Dufour Effects	Chemical Engineering and Technology					2.1	10.1002/ceat.202400008

3515	Srinivas P.S.T.N., Kumari N.A., Kumar A., Tiwari P.K., Sravani K.G.	Impact of ambient temperature on CombFET for sub-5-nm technology nodes: An RF performance perspective	Microsystem Technologies					2.1	10.1007/s00542-024- 05692-1
3516	Eswaramoorthi R., Prasad M., Senthil Rama R., Maheswari V.U.	Optimized wireless communication for 6G signal processing using memory- augmented deep unfolding network	International Journal of Communication Systems					2.1	10.1002/dac.5796
3517	Mallikarjuna D., Kumar A.A., Kaleemulla S., Reddy V.R., Raghavender M., Janardhanam V., Choi C.-J.	Electrical, structural and photovoltaic properties of acceptor dye modified Au/n- Ge heterostructure	Solid State Communications	386				2.1	10.1016/j.ssc.2024.1 15523
3518	R.G S., C H., Dipesh R., Samriddhi K., S V., M A.A., S A.	Density Based Real-time Smart Traffic Management System along with Emergency Vehicle Detection for Smart Cities	International Journal of Intelligent Transportation Systems Research					2.1	10.1007/s13177-024- 00400-9
3519	Anandhan Sujatha V., Gopalakrishnan C., Anbarasu A., Ponnusamy C.S., Choudhary R., Saravanan Geetha S.A., Ramalingam R.	Beyond the venom: Exploring the antimicrobial peptides from Androctonus species of scorpion	Journal of Peptide Science					2.1	10.1002/psc.3613

3520	Settu N., Kesavan G.K., Subramanian A., Ramasamy M., Rangesh A., Settu R., Mathivanan T., Praveenkumar V., Shankar K.V., Manu K.	Optimization of tensile properties by rotary friction welded dissimilar 2014 T6 and 6082 T6 aluminium alloys	International Journal on Interactive Design and Manufacturing					2.1	10.1007/s12008-024-01946-4
3521	Rajaram V., Pandimurugan V., Rajasoundaran S., Rodrigues P., Kumar S.V.N.S., Selvi M., Loganathan V.	Enriched energy optimized LEACH protocol for efficient data transmission in wireless sensor network	Wireless Networks					2.1	10.1007/s11276-024-03802-5
3522	Narayanan R., Panigrahi M., Rautray T.R., Kwon T.-Y.	Cathodic Synthesis of Strontium-Substituted Hydroxyapatite Coatings	JOM					2.1	10.1007/s11837-024-06663-7
3523	Joy D., Dinesh Kumar S.	Liouville–Green transformation technique to solve singularly perturbed delay differential equations of reaction diffusion type	Mathematical Methods in the Applied Sciences					2.1	10.1002/mma.10247
3524	Nandi S., Manikandan M., Arivazhagan N., Rajinikanth V., Chowdhury S.G.	A Quantitative Approach to Precipitate Characterization in Wire Arc Additive Manufactured Inconel 600 Series Alloys	JOM					2.1	10.1007/s11837-024-06656-6

3525	Murugan M.A., Ganesan N.	Unlocking the potential of low concentration biodiesel blended with green synthesized novel carbon black nanoparticles from Ricinus communis outer shell: An experimental study under different compression ratios and EGR concentrations	Environmental Progress and Sustainable Energy					2.1	10.1002/ep.14447
3526	Wilson K., Arunachalam S.	Cross-Species Insights into PR Proteins: A Comprehensive Study of Arabidopsis thaliana, Solanum lycopersicum, and Solanum tuberosum	Indian Journal of Microbiology					2.1	10.1007/s12088-024-01343-1
3527	Vignesh S., Anandu P.M., Gopuraj Varrier G.S., Brijmohan N., Gokula Krishnan G., Ganesh S.K., Nair S.R., Mohanasrinivasan V., Devi C.S.	Production and Extraction of Red Bioactive Pigment from Streptomyces griseorubiginosus and Formulation of Bio-Lip Balm	Indian Journal of Microbiology					2.1	10.1007/s12088-024-01323-5
3528	Purushothaman A.K., Natarajan S., Panigrahi T., Nelson E.J.R.	Diagnosis and treatment of cystic fibrosis in India: What is at stake for developing countries?	Journal of Biosciences	49	3			2.1	10.1007/s12038-024-00456-5
3529	R C.K., Alur S.	Research trends in memes: insights from bibliometric analysis	Information Discovery and Delivery					2.1	10.1108/IDD-07-2023-0069

3530	Ram S.C., Bhushan A., Kumar M.R., Gautam A., Moray A., Goel S.	A comparative study of processing route, microstructures, fracture analysis and phase formation of Al-Si/Mg ₂ Si functionally graded composites: an overview	Composite Interfaces					2.1	10.1080/09276440.2024.2358568
3531	Sridharan K., Doss G.P.C., Cathryn H.R., Kumar T.D., Al Jufairi M.	Comparative Analysis of Machine Learning Algorithms Evaluating the Single Nucleotide Polymorphisms of Metabolizing Enzymes with Clinical Outcomes Following Intravenous Paracetamol in Preterm Neonates with Patent Ductus Arteriosus	Current Drug Metabolism	25	2	128	139	2.1	10.2174/0113892002289238240222072027
3532	Ajay Rathod A., Subramanian B.	Efficient approach for optimal parameter estimation of PV using Pelican Optimization Algorithm	Cogent Engineering	11	1			2.1	10.1080/23311916.2024.2380805
3533	Menon U., Mondal A., Suresh N., Das B., Dubey B.K.	Electrokinetic Remediation of Chromium-Contaminated Puliyantangal Lake Sediments in India and the Effect of Bone Dust Amendment in Chromium Removal	Journal of Hazardous, Toxic, and Radioactive Waste	28	4			2.1	10.1061/JHTRBP.HZEN-1325

3534	Malkapur S.M., Falguni F., Iyengar A.S., Roy A., Shaik S., Kanna P.R., Jilte R.D., Alwetaishi M., Siddique M.J.	Enhancing building energy efficiency and reducing carbon emissions through sustainable cement block admixtures	Advances in Building Energy Research	18	3	238	260	2.1	10.1080/17512549.2 024.2357125
3535	S.G S.A., Rajasekaran R.	Exploring Bacillus species xylanases for industrial applications: screening via thermostability and reaction modelling	Journal of Molecular Modeling	30	8			2.1	10.1007/s00894-024- 06048-2
3536	Mario A J.S., Alam P.	Impacts on SH-Waves Regulating Through a FGPM Plate Clamped Between a Temperature Dependent Plate and a Microstructural Coupled Stressed Substrate Subjected to the Perfect and Imperfect Boundary Conditions	Journal of Vibration Engineering and Technologies					2.1	10.1007/s42417-024- 01493-y
3537	AnnaDurai K.S., Chandrasekaran N., Velraja S., Hikku G.S., Parvathi V.D.	Essential oil nanoemulsion: An emerging eco-friendly strategy towards mosquito control	Acta Tropica	257				2.1	10.1016/j.actatropic a.2024.107290
3538	Pradeesh J., Kumari Panda S., Vijayakumar V.	A new exploration on the approximate controllability results for Hilfer fractional differential inclusions of order $1 < \mu < 2$ with Clarke's subdifferential type	Mathematical Methods in the Applied Sciences					2.1	10.1002/mma.10412

3539	Kamath C., Alur S.	Ad generation modalities and response to in-app advertising – an experimental study	Global Knowledge, Memory and Communication					2.1	10.1108/GKMC-04-2024-0245
3540	Lazar P.J.L., Bakkiyaraj M., Natarajan E., Lim W.H., Subramanian J., Kumar S.V., Ramesh S.	Application of metaheuristics to evaluate energy absorption and damage tolerance in GFRP-epoxy nanocomposite laminates	International Journal on Interactive Design and Manufacturing					2.1	10.1007/s12008-024-02039-y
3541	Adithya R.N., Ganapathy S.B., Sakthivel A.R., Sultan M.T.H., Shahar F.S.	Dynamic loading response of an additively produced bio-inspired nacre structure with foam and acrylic filling	International Journal of Protective Structures					2.1	10.1177/20414196241271456
3542	Pitchumani S.V., Gopu A., Gopalan V., Narayanan V.N., Guru A.	Effect of algorithm techniques on optimization of laminate stacking sequence for buckling load condition	International Journal on Interactive Design and Manufacturing					2.1	10.1007/s12008-024-02041-4
3543	Ahmed E.S J., G M.G.	Evaluation of the corrosion inhibition potential of Azadirachta indica leaves on thermo mechanically treated steel rebars using an artificial neural network, electrochemical and spectroscopic approach	Cogent Engineering	11	1			2.1	10.1080/23311916.2024.2392208
3544	Suriya V.M.V., Naveen P.	Exploration of flow irreversibility in electrically magnetized Eyring-Powell nanofluid along an inclined plate with viscous dissipation	Cogent Engineering	11	1			2.1	10.1080/23311916.2024.2386096

3545	Jithendra T., Basha S.S., Divya A., Rajyalakshmi G.	Machine learning technique ANFIS-COA for enhancing micro-milling performance by investigating the surface roughness and material removal rate	International Journal on Interactive Design and Manufacturing					2.1	10.1007/s12008-024-02061-0
3546	Karthik L., Kumar G., Reddy B.P., Vishnukirthi A., Venkatesan J., Kim S.K., Rao K.V.B., Vijayakumar V.	Marine Actinobacteria Mediated Titanium Dioxide Nanoparticle Synthesis and Its Application Towards Synthesis of Quinolines	Indian Journal of Microbiology					2.1	10.1007/s12088-024-01371-x
3547	Sivasankar S., Nadhaprasadh K., Kumar M.S., Al-Omari S., Udhayakumar R.	New study on Cauchy problems of fractional stochastic evolution systems on an infinite interval	Mathematical Methods in the Applied Sciences					2.1	10.1002/mma.10365
3548	Sakthivel K., S S.A., S N., Singh F.V.	Recent developments in metal-catalysed transamidation of quiescent amides	Journal of Organometallic Chemistry	1018				2.1	10.1016/j.jorganchem.2024.123290
3549	Sutar S.K., Ganguly K., Pradhan S.K., Pradhan R.	The effect of a geometry-based breathing crack model on a viscoelastic composite rotor-shaft system	Mechanics of Time-Dependent Materials					2.1	10.1007/s11043-024-09730-3
3550	Roy N., Kannabiran K.	UV-activated green-synthesized ZnO NPs from Camellia sinensis extract: a potent antimicrobial strategy	Chemical Papers					2.1	10.1007/s11696-024-03641-w

3551	Venkataraman C., Rethinam Sudha M.	A bibliometric analysis of coronary heart disease impacted by work stress elements and lifestyle disease	Journal of Evaluation in Clinical Practice					2.1	10.1111/jep.14044
3552	Mahendra, Pandey D.N., Kumar A.	Dynamics of autonomous and nonautonomous Leslie–Gower model for the impacts of fear and its carry-over effects including predator harvesting	Mathematical Methods in the Applied Sciences					2.1	10.1002/mma.10476
3553	Mururgan T.K., Revanth P.	Soil classification, crop prediction, and disease detection using ML and DL–“agro insights”	Journal of Plant Diseases and Protection					2.1	10.1007/s41348-024-00991-1
3554	Dora R.R., Manam S.R., Mohanty S.K.	Wave resonances and the time-dependent capillary gravity wave motion	Wave Motion	131				2.1	10.1016/j.wavemoti.2024.103412
3555	Loganathan S., Sathiyamoorthy M.	Groundwater quality assessment for drinking, irrigation purposes and fuzzy logic-based water quality index for industrial suitability in Walajapet taluk, Ranipet district, Tamil Nadu, India	Aqua Water Infrastructure, Ecosystems and Society	73	8	1766	1787	2.1	10.2166/aqua.2024.411
3556	Ahamed J F.A., Chinnaiyan P., Vashishta R.M.	Hydroforming of nimonic 80 A sheet: a novel optimization based numerical simulation	International Journal on Interactive Design and Manufacturing					2.1	10.1007/s12008-024-02094-5

3557	Kumari A., Stany B., Mishra S., Biswas R., Bakshi A., Abhrajit B., Bhaskara Rao K.V.	Investigation of antibacterial potential of Actinomycetales isolated from hot springs in India through a combined analysis involving in vitro and computational methods	Chemical Papers					2.1	10.1007/s11696-024-03689-8
3558	Dharmaraj J.J.J., Navasingh R.J.H., Krolczyk G., Pitchumani S.V.	Extrusion-Based Bioprinting in a Cost-Effective Bioprinter	Machines	12	8			2.1	10.3390/machines12080518
3559	Singh S.; Kumar S.; Dhanasingh I.	Overexpression, purification and biochemical studies of Sortase A from Enterococcus faecalis (Ef) and its inhibition studies with Aloenin	Acta Tropica	260				2.1	10.1016/j.actatropica.2024.107419
3560	Dhipa M.; Sampath N.; Seetha R.; Nageswari D.	Secure cluster head selection in wireless sensor networks using fuzzy based generic algorithm	Wireless Networks					2.1	10.1007/s11276-024-03828-9
3561	S A.; K J.R.	Design improvement of steering knuckle through topology optimization for additive manufacturing	Cogent Engineering	11	1			2.1	10.1080/23311916.2024.2416487
3562	Sundararajan R.; Menon P.; Jayakrishnan B.; Shah P.	Entrepreneurship orientation toward adoption of Metaverse: An MSME entrepreneur perspective	International Journal of Entrepreneurship and Innovation					2.1	10.1177/14657503241270211

3563	Srikanth M.; Mathew A.T.; Bhagchandani R.K.	Quantification of feature shape complexity for the virtual prototypes and investigation of additive manufacturability	International Journal on Interactive Design and Manufacturing					2.1	10.1007/s12008-024-02116-2
3564	Sharmoukh W.; Ahsin A.; Karthikeyan S.; Mohamed S.K.; Marae I.S.; Bakhite E.A.; Soliman A.A.E.; Gahtan M.G.M.; Abuelizz H.A.; Al-Salahi R.; Mague J.T.; El Bakri Y.	Investigation of synthesis, spectroscopic characterization, crystal structure, and computational studies of 3-(4-(dimethylamino)phenyl)-1,5-di(thiophen-2-yl)pentane-1,5-dione as potent against Cathepsin S	Journal of Sulfur Chemistry					2.1	10.1080/17415993.2024.2407879
3565	Ram S.C.; Chattopadhyay K.; Gupta D.; Bhushan A.; Moray A.; Kaushik S.; Saha S.	Mechanical properties, dry sliding wear resistance, and microstructural characterization of in-situ Al-17Si-Al3Zr/Al2O3 FG-composite synthesized via vertical centrifugal casting technique	Composite Interfaces					2.1	10.1080/09276440.2024.2417159
3566	Ganesan S.; Sheela A.	Ruthenium and platinum-based anticancer metallotherapeutics from the perspectives of photodynamic therapy and bioimaging applications	Chemical Papers					2.1	10.1007/s11696-024-03684-z
3567	Pandiselvi T.; Karthik G.M.; Jacob V.; Nancharaiah B.	An intelligent framework for attack detection in the internet of things using coati optimization	Wireless Networks	0	0	0	0	2.1	10.1007/s11276-024-03857-4

3568	Karunanithi C.; Natarajan S.; Manivasagam G.; Sathiyarayanan J.	In vitro assessment of corrosion, antibacterial properties, and degradation behavior of zirconia-coated polyetheretherketone (PEEK)	Journal of Bioactive and Compatible Polymers	40	1	45	67	2.1	10.1177/08839115241287214
3569	Sahadevan V.K.; Mishra U.	Optimizing Sustainable Biorefinery Production with Controllable Waste, Emission, and Wastewater from the Footwear Industry	Process Integration and Optimization for Sustainability	0	0	0	0	2.1	10.1007/s41660-024-00443-1
3570	Ganesan M.; Ayyappan A.; Arockiasamy S.	Synthesis, crystal structure, and computational studies of (E)-N,N'-ethylene-1,2-diamino-bis(N,N-dimethylbut-2-enamide)	Structural Chemistry	0	0	0	0	2.1	10.1007/s11224-024-02382-6
3571	Punitha S.; Preetha K.S.	Unleashing potential: a deep dive into AI-blockchain integration for UAV-enhanced tele-surgery	Cogent Engineering	11	1	0	0	2.1	10.1080/23311916.2024.2429773
3572	J S.; V S.	A novel analysis of random forest regression model for wind speed forecasting	Cogent Engineering	11	1	0	0	2.1	10.1080/23311916.2024.2434617
3573	Suthagar K.S.; Mishra U.	An Optimizing Sustainable Integrated Agricultural Model with Zero Waste and Carbon Neutrality by Bioethanol Truck Transportation with Blockchain Transaction	Process Integration and Optimization for Sustainability	0	0	0	0	2.1	10.1007/s41660-024-00469-5

3574	Girija M.; Sampath Kumar T.	Characterization of akermanite (AKT) and zirconia-infused PMMA bone cement composite with superior physicochemical, mechanical, and bioactive properties for enhanced orthopaedic performance	Composite Interfaces	0	0	0	0	2.1	10.1080/09276440.2024.2442169
3575	Vimal K.E.K.; Kandasamy J.; Gokhale A.V.	Envirowarranty: smart system for remanufactured electronics	International Journal on Interactive Design and Manufacturing	0	0	0	0	2.1	10.1007/s12008-024-02169-3
3576	Muthu S.; Sekarapandian N.	Performance enhancement using novel hybrid rotary desiccant wheels having non-homogeneous mixture of multiple desiccant layers	International Journal for Computational Methods in Engineering Science and Mechanics	0	0	0	0	2.1	10.1080/15502287.2024.2427583
3577	Florence Gnana Poovathy J.; Ashwin S.R.; Ramit M.; Mohit M.; Veeramani V.	Testing and analysis of suitable compounds to design an air-tight dome to withstand high pressure for underwater applications	International Journal on Interactive Design and Manufacturing	0	0	0	0	2.1	10.1007/s12008-024-02164-8
3578	G D.R.; B P.	YoloTransformer-TransDetect: a hybrid model for steel tube defect detection using YOLO and transformer architectures	International Journal on Interactive Design and Manufacturing	0	0	0	0	2.1	10.1007/s12008-024-02185-3
3579	Gobinath C., Gopinath M.P.	Deep convolutional neural network for glaucoma detection based on image classification	Journal of Intelligent and Fuzzy Systems	46	1	1957	1971	2	10.3233/JIFS-234363

3580	Kavitha J.C., Subitha D.	Lesion detection and classification in dermoscopic images using optimal threshold based on Newton Raphson iterative method	Journal of Intelligent and Fuzzy Systems	46	1	753	767	2	10.3233/JIFS-235990
3581	Adithiya S.V., Dharani Bai G., Raman R.	Automatic Identification and Severity Classification of Retinal Biomarkers in SD-OCT Using Dilated Depthwise Separable Convolution ResNet with SVM Classifier	Current Eye Research					2	10.1080/02713683.2024.2303713
3582	Gomathy G., Rushi Kumar B.	Thin film flow dynamics and heat transfer enhancement in porous media: Shape-dependent behavior of Al ₂ O ₃ nanoparticles	Numerical Heat Transfer; Part A: Applications					2	10.1080/10407782.2024.2304063
3583	Gnanasekaran M., Satheesh A.	Influence of Joule heating and magneto-hydrodynamic on double diffusion mixed convection in a cavity with liquid sodium-potassium alloy and discrete thermosolutal source	Numerical Heat Transfer; Part A: Applications					2	10.1080/10407782.2024.2304043
3584	Mohamed Yousuff A.R., Zainulabedin Hasan M., Anand R., Rajasekhara Babu M.	Leveraging deep learning models for continuous glucose monitoring and prediction in diabetes management: towards enhanced blood sugar control	International Journal of System Assurance Engineering and Management					2	10.1007/s13198-023-02200-y

3585	Thamizhselvi V., Sreelakshmi K., Sarojamma G., Vajravelu K., Misra A., Satya Narayana P.V.	Darcy-Forchheimer hybrid nanofluid flow in an asymmetric channel with an exponential heat source, variable thermal conductivity, and activation energy	Numerical Heat Transfer; Part A: Applications					2	10.1080/10407782.2 023.2300746
3586	Bose C.S.V., Muthukumar V., Al- Omari S., Ahmad H., Udhayakumar R.	Study on the controllability of Hilfer fractional differential system with and without impulsive conditions via infinite delay	Nonlinear Analysis: Modelling and Control	29	1	166	188	2	10.15388/namc.202 4.29.33840
3587	Gupta G., Rajput V., Ayachit B., Satpathy M.P., Pati P.R., Mishra V., Agrawal A.	Sliding wear behaviour of micro-sized Kota stone dust reinforced epoxy composites using Taguchi method and Grey Wolf optimisation algorithm	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science					2	10.1177/095440622 31219578
3588	Mahenthiran P., Muruganadam D.	Handoff performance analysis of PMIPv6-based distributed mobility management protocol-urban scenario	Concurrency and Computation: Practice and Experience					2	10.1002/cpe.8010
3589	Veeramani M., M.S. S.	Automatic detection of sunspots on solar continuum HMI images blending local-global threshold	New Astronomy	105				2	10.1016/j.newast.20 23.102089

3590	Sagar M., Vanmathi C.	Hybrid intelligent technique for intrusion detection in cyber physical systems with improved feature set	Journal of Intelligent and Fuzzy Systems	46	2	3411	3427	2	10.3233/JIFS-236400
3591	Aruna Sri P., Santhi V.	The reptile optimized deep learning model for land cover classification of the uppal earth region in telangana state using satellite image fusion	Journal of Intelligent and Fuzzy Systems	46	2	3209	3229	2	10.3233/JIFS-232891
3592	Mani R.K.C., Kamalakannan J.	Modeling of Aquila Optimizer with Hybrid ResNet-DenseNet enabled Breast Cancer Classification on Histopathological Images	Journal of Intelligent and Fuzzy Systems	46	2	5087	5102	2	10.3233/JIFS-236636
3593	Ravindra Krishna Chandar V., Baskaran P., Mohanraj G., Karthikeyan D.	Deep iterative fuzzy pooling in unmanned robotics and autonomous systems for Cyber-Physical systems	Journal of Intelligent and Fuzzy Systems	46	2	4621	4639	2	10.3233/JIFS-235721
3594	Meenakshi K., Revathi M., Harsha S.S., Tamilarasi K., Shanthi T.S., Sugumar D., Suriyakrishnaan K., Maheswari B.U., Rajaram A.	Hybrid machine learning approach for trust evaluation to secure MANET from routing attacks	Journal of Intelligent and Fuzzy Systems	46	2	3429	3445	2	10.3233/JIFS-231918
3595	Arulalan V., Premanand V., Kumar D.	Object detection and tracking using TSM-EFFICIENTDET and JS-KM in adverse weather conditions	Journal of Intelligent and Fuzzy Systems	46	1	2399	2413	2	10.3233/JIFS-233623

3596	Govindarajulu K., Subramanyam Reddy A., Rajkumar D., Thamizharasan T., Dinesh Kumar M., Sekhar K.R.	Numerical investigation on MHD non-Newtonian pulsating Fe ₃ O ₄ -blood nanofluid flow through vertical channel with nonlinear thermal radiation, entropy generation, and Joule heating	Numerical Heat Transfer; Part A: Applications					2	10.1080/10407782.2 024.2314730
3597	P B.A.R.	A study of irreversibility on nonlinear thermal radiation and MHD flow of Casson and Carreau ternary hybrid nanofluid over a vertical porous plate: Numerical and statistical approach	Numerical Heat Transfer; Part A: Applications					2	10.1080/10407782.2 024.2311765
3598	Kavya L., Karuna Y.	Dwarf mongoose gannet optimization algorithm- enabled deep neuro-fuzzy network for detection of shockable ventricular cardiac arrhythmias	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science					2	10.1177/095440622 31221003
3599	Rajasekaran U., Kothandaraman M.	A Survey and Study of Signal and Data-Driven Approaches for Pipeline Leak Detection and Localization	Journal of Pipeline Systems Engineering and Practice	15	2			2	10.1061/JPSEA2.PSE NG-1611
3600	Nippatla V.R., Mandava S.	Comparative vector control study on speed of PMSM drive using sensorless and machine learning techniques: review	Journal of Intelligent and Fuzzy Systems	46	2	4381	4395	2	10.3233/JIFS-222164

3601	Natarajan E., Augustin F.	Intelligent decision support system for pulmonary tuberculosis detection using bipolar fuzzy utility matrix and bipolar Mamdani fuzzy inference system	Journal of Intelligent and Fuzzy Systems	46	3	5575	5607	2	10.3233/JIFS-233682
3602	Jakeer S., Reddy S.R.R., Rupa M.L., Basha H.T.	Convective transport of pulsatile multilayer hybrid nanofluid flow in a composite porous channel	Nonlinear Analysis: Modelling and Control	29	2	330	348	2	10.15388/namc.2024.29.34489
3603	Gomathi N., Poulomi D.	Dual solutions of Casson Williamson nanofluid with thermal radiation and chemical reaction	Numerical Heat Transfer; Part A: Applications					2	10.1080/10407782.2024.2326980
3604	Sahu R.K., Tyagi B., Singh K.S., Nayak H.P.	Evaluating the Influence of the Shillong Plateau Topography on Thunderstorm Activity Over Northeast India	Pure and Applied Geophysics					2	10.1007/s00024-024-03445-9
3605	Immanuel P., Greeni A.B.	Optimization of layout for embedding half hypercube into conventional tree architectures	Concurrency and Computation: Practice and Experience					2	10.1002/cpe.8058
3606	Raja Sree T., Harish R., Veni T.	FogSec: A secure and effective mutual authentication scheme for fog computing	Concurrency and Computation: Practice and Experience					2	10.1002/cpe.8054

3607	Thiyagu C., Narendrakumar U.	Mechanical and ballistic performance of ramie fiber-reinforced polymer composites: A review	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science					2	10.1177/09544062241230224
3608	Jadhav B.N., Abdul Azeez E.P., Mishra N., Senthil Kumar A.P.	Research Productivity and Publishing Trends in Publicly Funded Social Work and Psychology Schools in India: A Bibliometric Analysis	SAGE Open	14	2			2	10.1177/21582440241241170
3609	Parthipan D., Dharmalingam B., Sankaran S., Rajagopal D.	Effect of phase change material in cross flow and jet impingement cooling techniques used in heat sink for electronics application	Numerical Heat Transfer; Part A: Applications					2	10.1080/10407782.2024.2343042
3610	Ratheesh R., Nair M.S., Vetrivelan P., Rajeswari J.	Throughput and coverage based Base Station–Relay Station deployment for 5G cellular network	Concurrency and Computation: Practice and Experience					2	10.1002/cpe.8107
3611	Rajendiran Selvarani V., Monica Subashini M.	Multilevel-thermoplastic waste segregation using Archimedes Henry gas solubility trained deep quantum network	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science					2	10.1177/09544062241240395

3612	Jagadesh V., Sreenadh S., Ajithkumar M., Lakshminarayana P., Sucharitha G.	Numerical exploration of the peristaltic flow of MHD Jeffrey nanofluid through a non-uniform porous channel with Arrhenius activation energy	Numerical Heat Transfer; Part A: Applications					2	10.1080/10407782.2024.2332477
3613	Kalaimathi M., Balamurugan B.J., Nagar A.K.	K-Zumkeller graphs through mycielski transformation	Journal of Intelligent and Fuzzy Systems	46	4	7923	7932	2	10.3233/JIFS-231095
3614	Narendiranath Babu T., Kothari A.J., Rama Prabha D., Mokashe R., Kagita K.B., Raj Kumar E.	A comparative study on ML algorithms and ANN on fault diagnosis of a two-stage helical gearbox	Journal of Intelligent and Fuzzy Systems	46	4	9819	9840	2	10.3233/JIFS-233602
3615	Balasubramaniyan M., Navaneethan C.	Peanut maturity detection assessment using cross-layer multi-perception neural network based on hyperspectral sensory image feature observation	Journal of Intelligent and Fuzzy Systems	46	4	9393	9407	2	10.3233/JIFS-239332
3616	Mohan P., Aishwarya S.	Optimizing building material selection: A machine learning approach for efficient concrete compressive strength forecasting	Journal of Intelligent and Fuzzy Systems	46	4	10269	10285	2	10.3233/JIFS-236111
3617	Ranjith K., Karthikeyan K.	New algorithm for two-machine fuzzy flow shop scheduling problem with trapezoidal fuzzy processing time	Journal of Intelligent and Fuzzy Systems	1	1			2	10.3233/JIFS-235526
3618	Ruby Elizabeth J., Kesavaraja D., Ebenezer Juliet S.	A deep learning model based glaucoma detection using retinal images	Journal of Intelligent and Fuzzy Systems	1	1			2	10.3233/JIFS-234131

3619	Vadivel S.M., Sunny R.	Evaluation of online job portals for HR recruitment selection using AHP in two wheeler automotive industry: a case study	International Journal of System Assurance Engineering and Management					2	10.1007/s13198-024-02358-z
3620	Kaliraj S., Sivakumar V., Premkumar N., Vatchala S.	Snake swarm optimization-based deep reinforcement learning for resource allocation in edge computing environment	Concurrency and Computation: Practice and Experience					2	10.1002/cpe.8130
3621	Zanotti T., Ranjan A., O'Shea S.J., Raghavan N., Thamankar R., Pey K.L., Puglisi F.M.	Guidelines for the Design of Random Telegraph Noise-Based True Random Number Generators	IEEE Transactions on Device and Materials Reliability			1	1	2	10.1109/TDMR.2024.3394576
3622	Gavya V., Subashini R.	The Role of Leadership Styles in Fostering Organizational Commitment Among Nurses	SAGE Open	14	2			2	10.1177/21582440241242531
3623	Subramanyam Reddy A., Rajkumar D., Jagadeshkumar K., Kumar B.R., Vajravelu K.	Pulsating magnetohydrodynamic hybrid nanofluid flow with thermal radiation, viscous dissipation, and entropy generation: Application to bio-nanomedicine	Numerical Heat Transfer; Part A: Applications					2	10.1080/10407782.2024.2347568
3624	Begum K.T., Sudharsan J.B., Priyanka D.S., Gopinath M., Vignesh A., Srinivasan M.	Half-metallic and thermodynamic properties of Fe-based quaternary Heusler alloys: an ab initio study	Indian Journal of Physics					2	10.1007/s12648-024-03200-9

3625	Mohanty S., Christopher B P.	The Role of Gamification Research in Human Resource Management: A PRISMA Analysis and Future Research Direction	SAGE Open	14	2			2	10.1177/215824402 41243154
3626	Jose S., Parthiban V.	Finite-time synchronization of fractional order neural networks via sampled data control with time delay	Journal of Mathematics and Computer Science	35	4	374	387	2	10.22436/jmcs.035.0 4.01
3627	Joy D., Dinesh Kumar S.	Computational techniques for singularly perturbed reaction- diffusion delay differential equations: a second-order approach	Journal of Mathematics and Computer Science	35	3	304	318	2	10.22436/jmcs.035.0 3.04
3628	Murugeswari P., Kopperundevi N., Annalakshmi M., Clarinda S.S.	An effective reconstructed pyramid crosspoint fusion for multimodal infrared and visibl e images	Signal, Image and Video Processing					2	10.1007/s11760-024- 03350-7
3629	Dhiravidachelvi E., Devadas T.J., Kumar P.J.S., Pandi S.S.	Enhancing image classification using adaptive convolutional autoencoder-based snow avalanches algorithm	Signal, Image and Video Processing					2	10.1007/s11760-024- 03357-0
3630	Balasundaram A., Shaik A., Prasad A., Pratheepan Y.	On-road obstacle detection in real time environment using an ensemble deep learning model	Signal, Image and Video Processing					2	10.1007/s11760-024- 03241-x
3631	Walia A.S., Somani N., Gupta N.K., Das A.	Microstructural and mechanical properties of Al- Al ₂ O ₃ micro and nanocomposite fabricated by stir casting	Advances in Materials and Processing Technologies					2	10.1080/2374068X.2 024.2379107

3632	Andrew M., Jayaraman G.	Production optimization and antioxidant potential of exopolysaccharide produced by a moderately halophilic bacterium <i>Virgibacillus dokdonensis</i> VITP14	Preparative Biochemistry and Biotechnology					2	10.1080/10826068.2024.2370879
3633	Louis G.K.K., Chithra G.K.	Beyond the Iron Throne: exploring the representation of homosexuality in the series Game of Thrones	Frontiers in Sociology	9				2	10.3389/fsoc.2024.1412154
3634	Antony A., Veerappapillai S., Karuppasamy R.	Deciphering early responsive signature genes in rice blast disease: an integrated temporal transcriptomic study	Journal of Applied Genetics					2	10.1007/s13353-024-00901-z
3635	Atta S., Mathew A.T., Dash S., Narendra Kumar U.	Influence of topography on nano-mechanical properties of cylindrical magnetron sputtered TiN films	Surface Topography: Metrology and Properties	12	3			2	10.1088/2051-672X/ad6621
3636	Nahid T., Wani S.A., Alam P., Ramírez W.	Introducing a novel family of Δ h-Sheffer polynomials and their interconnected hybrid variants	Journal of Mathematics and Computer Science	36	3	317	325	2	10.22436/jmcs.036.03.06
3637	Shafiq M., Aggarwal K., Jayachandran J., Srinivasan G., Boddu R., Alemayehu A.	A novel Skin lesion prediction and classification technique: ViT-GradCAM	Skin Research and Technology	30	9			2	10.1111/srt.70040

3638	Nandhakumar R., Venkatesan K., Hirthikk B., Kawin Adhithya N.D.	Investigation of mechanical properties, wear behaviour, and hole quality analysis of Al2014-ZrO2-Sn composites	Advances in Materials and Processing Technologies					2	10.1080/2374068X.2024.2397182
3639	Chakravarthy S., Nagarajan B., Khan S.B., Venkatesan V.K., Ramakrishna M.T., Al Musharraf A., Aurungzeb K.	Spatial Attention Integrated EfficientNet Architecture for Breast Cancer Classification with Explainable AI	Computers, Materials and Continua	80	3	5029	5045	2	10.32604/cmc.2024.052531
3640	Das P.	Beam-steering by a phase-transition metal-based 1-bit programmable metasurface	Journal of Optics (United Kingdom)	26	11			2	10.1088/2040-8986/ad7158
3641	Nallakaruppan M.K.; Chaturvedi H.; Grover V.; Balusamy B.; Jaraut P.; Bahadur J.; Meena V.P.; Hameed I.A.	Credit Risk Assessment and Financial Decision Support Using Explainable Artificial Intelligence	Risks	12	10			2	10.3390/risks12100164
3642	Kumar C.O.; Gajendran S.; Marappan S.; Zakariah M.; Almazyad A.S.	A Secure Framework for WSN-IoT Using Deep Learning for Enhanced Intrusion Detection	Computers, Materials and Continua	81	1	471	501	2	10.32604/cmc.2024.054966
3643	Ramachandran A.; Sendhil Kumar K.S.	Border Sensitive Knowledge Distillation for Rice Panicle Detection in UAV Images	Computers, Materials and Continua	81	1	827	842	2	10.32604/cmc.2024.054768

3644	Ramakrishna M.T.; Pothanaicker K.; Selvaraj P.; Khan S.B.; Venkatesan V.K.; Alzahrani S.; Alojail M.	Leveraging EfficientNetB3 in a Deep Learning Framework for High-Accuracy MRI Tumor Classification	Computers, Materials and Continua	81	1	867	883	2	10.32604/cmc.2024. 053563
3645	George S.C.; Aguirre S.; Maughan N.M.; Tolakanahalli R.; Samuel E.J.J.; Gallo S.L.; Zoberi J.E.; Lee Y.C.	Enhancing safety: Multi- institutional FMEA and FTA on 177Lu-based radio- pharmaceutical therapy	Journal of Applied Clinical Medical Physics	0	0	0	0	2	10.1002/acm2.14550
3646	Patil S.; A B.; D V N H.; Saad Patel M.; Babu S.; Solaiachari S.	Optimisation of laser surface ablation of alumina/GO coating on AZ31D magnesium alloy using Cuckoo Search Algorithm method	Advances in Materials and Processing Technologies	0	0	0	0	2	10.1080/2374068X.20 24.2424021
3647	Saravanan R.; Jeevitha G.C.	Sustainable Approach for Utilization of Mango Peel Wastes for Pectin Extraction by Natural Deep Eutectic Solvents	Journal of Food Processing and Preservation	2024	1	0	0	2	10.1155/2024/454039 0
3648	Perumal K.; Shanthi M.; Hemamalini V.; Shanmugam R.; Shankar B.; Ramesh S.	Unveiling a Novel Mechanistic Pathway: Thiol and DMSO- Facilitated Synthesis of Pyrazole Amine Thioether	Journal of Heterocyclic Chemistry	0	0	0	0	2	10.1002/jhet.4923
3649	Reddy B.; Reddy R.; Kumar R.L.	A Fusion Model for Personalized Adaptive Multi-Product Recommendation System Using Transfer Learning and Bi-GRU	Computers, Materials and Continua	81	3	4081	4107	2	10.32604/cmc.2024.0 57071

3650	Doredla N.; Senthil Kumar N.	Determination of heat input impact on residual stress, microstructural phase transformation and mechanical characteristics of welded S690QL steel joints by Taguchi optimisation approach	Advances in Materials and Processing Technologies	0	0	0	0	2	10.1080/2374068X.2024.2440168
3651	Hardi I.; Afjal M.; Khan M.; Idroes G.M.; Noviandy T.R.; Utami R.T.	Economic freedom and growth dynamics in Indonesia: an empirical analysis of indicators driving sustainable development	Cogent Economics and Finance	12	1	0	0	2	10.1080/23322039.2024.2433023
3652	Panicker N.K.K.; Valarmathi J.	Time series prediction of aerosol optical depth across the northern Indian region: integrating PSO-optimized SARIMA-SVR based on MODIS data	Acta Geophysica	0	0	0	0	2	10.1007/s11600-024-01472-7
3653	Ignatius F., Kaspar S.	A single assignment of numbers for square divisor cordial and cube divisor cordial labelings on the generalized Petersen graphs $GP(n, 3)$	International Journal of Modern Physics C					1.9	10.1142/S0129183124410018
3654	Sudhakaran S., Maheswari R., Kanchana Devi V.	An improvised analysis of smart data for IoT-based railway system using RFID	Automatika	65	1	361	372	1.9	10.1080/00051144.2023.2295141
3655	Damodaran S., Shanmugam L., Swaroopan N.M.J.	Overhead power line detection from aerial images using segmentation approaches	Automatika	65	1	261	288	1.9	10.1080/00051144.2023.2296798

3656	Gnanasekaran M., Satheesh A.	Numerical analysis of turbulent flow characteristics with the influence of speed ratio in a double-sided cavity	MethodsX	12				1.9	10.1016/j.mex.2024. 102594
3657	Rattan A., Venkatesh S N., Sugumaran V., Anoop P.S.	Monitoring the condition of nitrogen-filled tires using weightless neural networks	Automatika	65	2	523	537	1.9	10.1080/00051144.2 024.2310979
3658	Vardagala J., Sreedharamalle S., Moorthi A., Gorintla S., Pallavarapu L.	Hydromagnetic peristaltic flow of convective Casson nanofluid through a vertical porous channel under the influence of Ohmic heating and viscous dissipation effects	World Journal of Engineering					1.9	10.1108/WJE-10- 2023-0455
3659	Jeni Seles Martina D., Deepa G.	The energy of multi-valued neutrosophic matrix and neutrosophic hesitant matrix and relationship between them in multi-criteria decision- making	Automatika	65	2	498	509	1.9	10.1080/00051144.2 024.2309088
3660	Sujatha U., Rajasekaran V.	Optimising listening skills: Analysing the effectiveness of a blended model with a top- down approach through cognitive load theory	MethodsX	12				1.9	10.1016/j.mex.2024. 102630
3661	Joy D., Kumar S D.	Non-polynomial spline approach for solving system of singularly perturbed delay differential equations of large delay	Mathematical and Computer Modelling of Dynamical Systems	30	1	179	201	1.9	10.1080/13873954.2 024.2314600

3662	Vidhyalakshmi M., Manjula V., Mickle Aancy H., Beulah Viji Christiana M., Jogendra Kumar M., Nirmala P., Almoallim H.S., Ali Alharbi S., Raghavan S.S.	An Innovation development of deep-sea bacterial monitoring and classification based on artificial intelligence microbiological model	Automatika	65	3	1025	1034	1.9	10.1080/00051144.2 024.2321812
3663	Saravag P.K., Rushi Kumar B.	An Application of Scan Statistics in Identification and Analysis of Hotspot of Crime against Women in Rajasthan, India	Applied Spatial Analysis and Policy					1.9	10.1007/s12061-024- 09572-z
3664	Reddy M.V., Vajravelu K., Ajithkumar M., Sucharitha G., Lakshminarayana P.	Analysis of entropy generation and activation energy on a convective MHD Carreau–Yasuda nanofluid flow over a sheet	Modern Physics Letters B					1.9	10.1142/S02179849 2450266X
3665	Thamizhselvi V., Satya Narayana P.V.	Numerical simulation for radiative hybrid nanofluid (TiO ₂ +Fe ₃ O ₄ /H ₂ O) flow due to a non-uniform stretching sheet with variable permeability	Modern Physics Letters B					1.9	10.1142/S02179849 2450252X
3666	Tom A.M., Febin Daya J.L.	Machine learning techniques for vector control of permanent magnet synchronous motor drives	Cogent Engineering	11	1			1.9	10.1080/23311916.2 024.2323813

3667	Sivarajan S., Neto D.M., Oliveira M.C., Raghupathy P., Menezes L.F.	PVD coated dies in action: Exploring finite element analyses for sheet metal forming of high-strength steel	Lubrication Science					1.9	10.1002/ls.1696
3668	Raja B., Radhakrishnan V.	Unraveling the effectiveness of Sargassum wightii against white spot syndrome virus in Paratelphusa hydrodomous: an in-vivo and in-silico approach	Fisheries Science					1.9	10.1007/s12562-024-01758-1
3669	Li S., Tarakaramu N., Khan M.I., Sivakumar N., Narayana P.V.S., Abdullaev S., Tamam N., Eldin S.M.	Enhanced heat transfer and fluid motion in 3D nanofluid with anisotropic slip and magnetic field	Open Physics	22	1			1.9	10.1515/phys-2023-0131
3670	Narasimhan G., Victor A.	Grey wolf optimized stacked ensemble machine learning based model for enhanced efficiency and reliability of predicting early heart disease	Automatika	65	3	749	762	1.9	10.1080/00051144.2024.2317098
3671	Beggs C.B., Abid R., Motallebi F., Samad A., Venkatesan N., Avital E.J.	Airborne Transmission of SARS-CoV-2: The Contrast between Indoors and Outdoors	Fluids	9	3			1.9	10.3390/fluids9030054
3672	Moeed A., Afjal M.	Educational empowerment: evolution, innovations and challenges of educational financing in commercial banks	Cogent Economics and Finance	12	1			1.9	10.1080/23322039.2024.2339519

3673	Nema G., K K.	Viable-feasibility of innovated combined condenser over traditional individual condenser heat pipe solar evacuated tube water heating system: a comparative-conclusive approach	World Journal of Engineering					1.9	10.1108/WJE-07-2023-0261
3674	Vinodkumar Reddy M., Meenakumari R., Sucharitha G., Ali F., Zafar S.S., Lakshminarayana P.	Heat and mass transfer analysis of conducting non-Newtonian nano ^o uid ^o ows over an elongating sheet with a non-uniform heat source	Modern Physics Letters B					1.9	10.1142/S0217984924503494
3675	Jena B., Bhol K., Nanda U.	Exploration of Linearity Analysis in Nanotube GAA MOSFET Through Simulation-Based Study Utilizing Multi-Material Gate Technique	Transactions on Electrical and Electronic Materials					1.9	10.1007/s42341-024-00528-1
3676	Nutakki M., Mandava S.	Resilient data-driven non-intrusive load monitoring for efficient energy management using machine learning techniques	Eurasip Journal on Advances in Signal Processing	2024	1			1.9	10.1186/s13634-024-01157-9

3677	Suthenthiraveerappa V., Ajithkumar S., Gopalan V., Pragasam V., Sampath A., Chinnaiyan P., Kalidas V.K., Pitchumani S.V., Kulendran B., Gopal R.	Tensile properties of basalt/jute fiber reinforced epoxy composite	Cogent Engineering	11	1			1.9	10.1080/23311916.2024.2348083
3678	Srikanth A., Bolleddu V.	Microstructural, mechanical and tribological characteristics of reduced graphene oxide (rGO) reinforced nanostructured Al ₂ O ₃ -13wt. %TiO ₂ coatings	Journal of the Australian Ceramic Society					1.9	10.1007/s41779-024-01027-5
3679	Lingampalli B., Dondapati S.	Optimization of friction stir process parameters for enhanced mechanical properties in surface-alloyed ZK60 magnesium with Tin (Sn): an RSM-ANN hybrid approach	Production and Manufacturing Research	12	1			1.9	10.1080/21693277.2024.2366870
3680	Mondal J., Sivaramakrishna A.	Cu(II)-Catalyzed Green Synthesis of 1,4,5-Trisubstituted-1,2,3-Triazoles from Chalcone Derivatives – Studies on Their Cytotoxicity Profile	ChemistrySelect	9	24			1.9	10.1002/slct.202304871

3681	Govada G.V., Bhatt H., Panjacharam P., Pal S., Kumar S., Lin C.-C., Rajasekhara Reddy S.	Organo Mediated Sustainable Synthesis and In-Silico Studies of Novel Benzisoxazole-Chromene Acyl Hydrazones as AChE Inhibitors	ChemistrySelect	9	23			1.9	10.1002/slct.202401348
3682	Saravanan T., Sheela A.	Molybdenum (VI) Complexes and their Dual Role as Antidiabetic and Anticancer Agents	ChemistrySelect	9	22			1.9	10.1002/slct.202400618
3683	Gnanasekaran R., Pandey H.D.	Conformational Stability and Vibrational Relaxation as a Function of Halogen Substitution in Benzene sulfonamides: A Theoretical Study	ChemistrySelect	9	21			1.9	10.1002/slct.202400136
3684	Jeyaraj S., Mary Saral A.	Green Biosynthesis of TiO ₂ Nanoparticles Using Aqueous Extract of Brassica juncea (L.) Czern Seed: Characterization, Antimicrobial, Antioxidant and Anticancer Activities	ChemistrySelect	9	21			1.9	10.1002/slct.202401603
3685	Kumar M., Bansal L., Verma R.	Optimising thermal conductivity of the epoxy using copper as filler particles for improved performance of cryosorption pumps: An experimental investigation	Fusion Engineering and Design	205				1.9	10.1016/j.fusengdes.2024.114529

3686	Shah J.J., Ragu H., David V., Sasikumar P., Subburaj M.	OpenCV Based Customer Screening System for Prevention of COVID-19 Transmission in Retail Stores	Wireless Personal Communications					1.9	10.1007/s11277-024- 11286-x
3687	Sundararajan R.K., Jayaraman G., Arunkumar S., Jeyapandian M., Kaliyaperumal K., Perumal D., Dhulipala V.R.S.	EECAS: Energy Efficient Clustering and Aggregator Node Selection for Wireless Sensor Networks	Wireless Personal Communications					1.9	10.1007/s11277-024- 11297-8
3688	Thanganadar H., Yaseen S.M., Shukla S.K., Bist A.S., Shavkatovich S.N., Vijayakumar P.	6G Wireless Communication Cyber Physical System Based Smart Healthcare Using Quantum Optimization with Machine Learning	Wireless Personal Communications					1.9	10.1007/s11277-024- 11189-x
3689	Bera S., Nagar A.K., Subramanian K.G., Zhang G.	Pure 2D Eilenberg P systems	Journal of Membrane Computing					1.9	10.1007/s41965-024- 00159-8
3690	Vandana C.P., Basha S.A., Madijagan M., Jadhav S., Matheen M.A., Maguluri L.P.	IoT resource discovery based on multi faected attribute enriched CoAP: smart office seating discovery	Wireless Personal Communications					1.9	10.1007/s11277-024- 11157-5
3691	Loganathan S., Sathiyamoorthy M.	Demarcation of groundwater potential zones in Ponnai sub- basin, Southern India using remote sensing, GIS and fuzzy- AHP approaches	Water Supply	24	5	1529	1545	1.9	10.2166/ws.2024.08 4

3692	Rashid M.H., sen P.	Recent Advancements in Biosensors for the Detection and Characterization of Amyloids: A Review	Protein Journal					1.9	10.1007/s10930-024-10205-0
3693	Dhanasekaran A., Dhanaraj K., Venugopal V.	2D Transition Metal Dichalcogenides-Based Composites for Electromagnetic Interference Shielding and Microwave Absorption Applications	Physica Status Solidi (A) Applications and Materials Science					1.9	10.1002/pssa.202300903
3694	Sarma S.S., Hazra R.	A Decade Review of Device-to-Device Communication in mm-Wave Network: Challenges and Solutions	Wireless Personal Communications	137	1	415	440	1.9	10.1007/s11277-024-11420-9
3695	Chakraborty U., Majumder T., Debbarma R., Das N., Bhattacharjee A.	A novel MTCMOS based 8T2M NVSRAM design for low power applications with high temperature endurance	Semiconductor Science and Technology	39	8			1.9	10.1088/1361-6641/ad60f0
3696	Paulraj D., Neelakandan S., Prakash M.	A Novel Quantum Chimp Optimization with DNA Sequence Based Multihop Secure Routing Protocol for Wireless Sensor Networks	Wireless Personal Communications	136	3	1353	1374	1.9	10.1007/s11277-024-11280-3
3697	Thungon L.C., Ahmed N., De D., Hussain M.I.	A Survey on 6LoWPAN Security for IoT: Taxonomy, Architecture, and Future Directions	Wireless Personal Communications	137	1	153	197	1.9	10.1007/s11277-024-11382-y

3698	Jayanthi K., Senthil Kumar N., Gnanavadivel J., Stonier A.A., Peter G., Arun V., Ganji V.	Analysis of Switched Inductor-Based High Gain SEPIC for Microgrid Systems	International Transactions on Electrical Energy Systems	2024					1.9	10.1155/2024/8591539
3699	Nagabushanam K., Sriadibhatla S.	Analytical modeling of threshold voltage and on-resistance in multi-barrier E-mode MISHEMT with gate-recess and field-plates	Microelectronics Journal	151					1.9	10.1016/j.mejo.2024.106318
3700	Robinson Y.H., Valarmathi B., Srinivasan P., Karamti H.	Cluster-Based Hybrid Routing Technique for Wireless Sensor Networks	Wireless Personal Communications	137	2	909	929		1.9	10.1007/s11277-024-11406-7
3701	Rai D., George S.	Computational analysis of ligands from natural products on the cellular targets of combined hepatocellular carcinoma and cholangiocarcinoma	Natural Product Research						1.9	10.1080/14786419.2024.2373960
3702	Arun Balaji P., Naveen Venkatesh S., Sugumaran V., Mahamuni V.S.	Deep transfer learning architecture for suspension system fault diagnosis using spectrogram image and CNN	Advances in Mechanical Engineering	16	6				1.9	10.1177/16878132241258904
3703	Vara Prasad P.A., Dhanamjayulu C.	Implementation of the Fuzzy Logic Controlled 31-Level Diode Switched Multilevel Inverter with Optimal Components for Solar PV-Fed System	International Transactions on Electrical Energy Systems	2024					1.9	10.1155/2024/7352401

3704	Varikkottil S., Lionel F.D.J., Srinivasan M.K., Perumal T., Stonier A.A., Peter G., Pagidi B., Ganji V.	Inner Resonance and Outer Current Based Control Strategy for Inductive Power Transfer System Used in Wireless Charging for Electric Vehicles	IET Electrical Systems in Transportation	2024				1.9	10.1049/2024/6668174
3705	M B., K S.	Optimization of junctionless stacked nanosheet FET – RF stability perspective	Microelectronics Journal	145				1.9	10.1016/j.mejo.2024.106123
3706	Murugan M., Kandasamy J.	Optimized electrophoretic zinc oxide coating on SS316L with enhanced hardness and scratch resistance	Journal of Dispersion Science and Technology					1.9	10.1080/01932691.2024.2372694
3707	Dhanasekaran A., Perumal I.	Uranium adsorption efficiency of diglycolamic acid functionalized graphitic carbon nitride adsorbent: Kinetic, isotherm, and thermodynamic studies	Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering					1.9	10.1080/10934529.2024.2380956
3708	Pavithra K., Gandhimathi S.N.S.	A systematic review of empirical studies incorporating English movies as pedagogic aids in English language classroom	Frontiers in Education	9				1.9	10.3389/feduc.2024.1383977
3709	Singh I., Sivaramakrishna A.	Phosphorus-Based Polymeric Flame Retardants – Recent Advances and Perspectives	ChemistrySelect	9	26			1.9	10.1002/slct.202401485

3710	Parthasarathy H.K.A., Saranathan M., Tamilselvi S., Karuppiyah N., Balachandran P.K., Dhanamjayulu C., Khan B., Thamilmaran A.	Application of Covariance Matrix Adaptation- Evolutionary Strategy for Modified Constrained Optimal Power Flow Problem Incorporating Valve Point and Emission Effect	International Transactions on Electrical Energy Systems	2024				1.9	10.1155/2024/8933 933
3711	Malathi V., Vijaya K.	Coefficient Bounds for q- Noshiro Starlike Functions in Conic Region	Journal of Function Spaces	2024	1			1.9	10.1155/2024/4829 276
3712	Rajpoot V., Tripathi V.S., Kumar A., Krishna R.V.V.	Cross-layer Design Based Common Data Channel Selection Scheme in Cognitive Radio Ad-hoc Network	Wireless Personal Communications	137	4	2061	2084	1.9	10.1007/s11277-024- 11417-4
3713	Verma R.K., Kumar A., Pattanayak P., Rajpoot V., Bali V., Mathur S.	Design and Analysis of Multiband Microstrip Antenna Using Multiple Notches for Wireless Communication in L and S-Band Applications	Wireless Personal Communications	137	4	2199	2216	1.9	10.1007/s11277-024- 11482-9
3714	Ishaniya W., Sugantharam K., Subramani M., Kumar A.M., Gopinath P., Rajendran S., Ganeshpandian M.	Lipid-Coated Mesoporous Silica Nanoparticles for pH- Responsive Release and Enhanced Anti-Proliferative Activity of Piperlongumine Natural Product	ChemistrySelect	9	32			1.9	10.1002/slct.202402 022

3715	Mary Manoj A., Madeshwaran K., Mahalakshmi V., Vasu K., Usha Rani M., Boopalan G., Rose Viannie L.	Synergic Effects of Chemical Reduction and Nitrogen Doping on the Structural and Electrical Properties of N- ZnO/N-rGO Nanostructures	Physica Status Solidi (A) Applications and Materials Science					1.9	10.1002/pssa.20240 0424
3716	Anburaja R., Shaik K.	Synthesis and Characterizations of BiFeO ₃ Nanoparticles for Photocatalytic Application	ChemistrySelect	9	30			1.9	10.1002/slct.202402 257
3717	Miraclin P.A., Sen P.	Recent Developments of Hybrid Fluorescence Techniques: Advances in Amyloid Detection Methods	Current Protein and Peptide Science	25	9	667	681	1.9	10.2174/011389203 7291597240429094 515
3718	Nair A.S., Pillai L., Bhattacharya P., Mathkor D.M., Haque S., Ahmad F.	Toys for children and adolescents: gendered preferences and developmental utilities	International Journal of Adolescence and Youth	29	1			1.9	10.1080/02673843.2 024.2387075
3719	Naveen S., Parthiban V.	Existence, Uniqueness and Error Analysis of Variable- Order Fractional Lorenz System with Various Type of Delays	International Journal of Bifurcation and Chaos					1.9	10.1142/S02181274 24501529
3720	Savargaonkar H.A., Patil H.Y., Jindal S.K., Chandra A., Gawas M.A.	A Scoping Review on Role of Edge Computing in Search and Rescue Operations	Wireless Personal Communications					1.9	10.1007/s11277-024- 11543-z

3721	Chakraborty S., Devi Rajeswari V.	Green synthesized Waste-Derived Anatase form of TiO ₂ Nanoparticles from Hordeum vulgare L. (Barley): A Multidisciplinary Approach Connecting Biology, Environment, and Agriculture	ChemistrySelect	9	34			1.9	10.1002/slct.202402362
3722	Suresh S., Nawaz Khan F.R.	Sequential Synthesis of Alkenylated Quinazolines Through sp ³ C–H Functionalization and Their Photophysical Properties	ChemistrySelect	9	33			1.9	10.1002/slct.202402042
3723	Arif M., Alam P.	Study of circumferential SH-wave interaction with a piezoelectric cylinder having pre-stressed viscoelastic imperfect coating	Mechanics Research Communications	141				1.9	10.1016/j.mechrescom.2024.104323
3724	Majumder T., Mukherjee C., Dasgupta S., Chakraborty U., Das N., Bhattacharjee A.	The effect of temperature on the electrical characteristics of zigzag and armchair black phosphorus based 2D MOSFET	Semiconductor Science and Technology	39	10			1.9	10.1088/1361-6641/ad7639
3725	Jagadesh M., Karthikeyan A., Somasundaram D.	DC and RF analysis of ScAlN/GaN/ β -Ga ₂ O ₃ and ScAlN/InGaN/GaN/ β -Ga ₂ O ₃ HEMTs on SiC substrate	Microelectronics Journal	152				1.9	10.1016/j.mejo.2024.106394

3726	Sasikumar R.; Vijayakumar V.	Discussion on the Approximate Controllability of Second-Order Neutral Differential Inclusions with Damping	Qualitative Theory of Dynamical Systems	23	Suppl 1			1.9	10.1007/s12346-024-01150-5
3727	Shubham; Bhosle S.; Pandey R.K.	A comprehensive study of gate-induced drain leakage current and electrical characteristics in nanosheet field-effect transistors due to variation in structural parameters and ambient temperature	Semiconductor Science and Technology	39	11			1.9	10.1088/1361-6641/ad787e
3728	Verma K.; Gopikrishnan M.; Yadav A.; Razack S.A.; Gunasekaran K.; Bharti P.K.; Doss C G.P.	Unveiling Allium sativum Phytocompounds as New Antileptospiral Agents via a Structural-Based Virtual Screening Approach	ChemistrySelect	9	38			1.9	10.1002/slct.202402413
3729	Joelin. C.; Praba L.; Kuppusamy S.; Tamilarasi. R.; Magesh. R.; Woong Jung J.; Deivasigamani P.; Vidhya B.; Sakunthala A.; Rajesh S.	Piezoelectric Energy Harvesting in Poly(vinylidene Fluoride-co-hexafluoropropylene)/Barium Titanate Nanofibers and Ultrasonic Assisted Piezocatalytic Degradation of Ciprofloxacin	ChemistrySelect	9	40			1.9	10.1002/slct.202401529
3730	Nivetha A.; Preetha K.S.	A Review on Cyber-Twin in Sixth Generation Wireless Networks: Architecture, Research Challenges & Issues	Wireless Personal Communications	138	3	1815	1865	1.9	10.1007/s11277-024-11577-3

3731	Meena J.; Dinakaran A.; Kumaraguru N.; veerappa N.S.; Shin P.-K.; Tatsugi J.; Kumar A.S.; Santhakumar K.	Bioengineered Nickel Oxide Nanofabrication for Energy Storage Systems, Degradation of Refractory Water Toxicity, and Antibacterial Study	ChemistrySelect	9	37			1.9	10.1002/slct.202402521
3732	Thukkaram S.; Ammasi A.K.	Mixture Design for Lightweight Geopolymer Concrete	ACI Materials Journal	121	5	91	104	1.9	10.14359/51742040
3733	Nair A.; Kurian A.; Shanmugam S.	Effect of iron doping on nickel aluminate photocatalytic activity towards the degradation of methylene blue under visible and UV light	Chemical Engineering Communications					1.9	10.1080/00986445.2024.2417891
3734	Sachan V.; Bhatt A.	Conformal symplectic and constraint-preserving model order reduction of constrained conformal Hamiltonian systems	Applied Mathematics in Science and Engineering	32	1			1.9	10.1080/27690911.2024.2414775
3735	Suresh P.; Keerthika P.; Nithya R.; Sadasivuni K.K.	EWR-ICSA: Energy Aware Secured Routing Protocol Based Underwater Wireless Sensor Networks Using Improved Circle Search Algorithm	Wireless Personal Communications					1.9	10.1007/s11277-024-11556-8
3736	Sajithra N.; Ramyachitra D.; Manikandan P.	Sequence-Order Frequency Matrix–Sampling and Machine Learning with Smith–Waterman (SOFM–SMSW) for Protein Remote Homology Detection	Wireless Personal Communications					1.9	10.1007/s11277-024-11617-y

3737	Choudhury B.; Balamurali M.M.; Chanda K.	Computational investigation on the anti-tuberculosis potential of novel thiazinane derivatives	Molecular Simulation					1.9	10.1080/08927022.2024.2406949
3738	Prakash B.; Saleena B.	Stock Market Prediction Using Deep Attention Bi-directional Long Short-Term Memory	Computational Economics					1.9	10.1007/s10614-024-10719-w
3739	Mohanty S.; Christopher B.P.	Analysing the impact of gamification training on reinforcing the relationship of ISA employee engagement and employee task performance ? empirical study	Industrial and Commercial Training	0	0	0	0	1.9	10.1108/ICT-07-2023-0056
3740	Vemuri R.; Nagar S.	Analyzing negative differential resistance and capacitive effects in SiOx-based resistive switching devices for security applications	Microelectronics Journal	154	0	0	0	1.9	10.1016/j.mejo.2024.106472
3741	Rajamani R.P.; Khora S.S.	Efficient and sustainable approach of heavy metal adsorption from wastewater using algal biomass of <i>Hypnea valentiae</i> (Turner) Montagne, 1841	Bioremediation Journal	0	0	0	0	1.9	10.1080/10889868.2024.2427071
3742	Jain A.; Subudhi P.; Khanal G.M.; Punetha D.	Simulation-Based Analysis of Environmentally Friendly Perovskite Solar Cells: Projecting 21.61% Efficiency with Lead-Free CsSn _{0.5} Ge _{0.5} I ₃	Physica Status Solidi (A) Applications and Materials Science	0	0	0	0	1.9	10.1002/pssa.202400727

3743	Khadanga R.K.; Das D.; Panda S.; Mahapatrao S.R.; Kar M.K.; Al Mansur A.; Ustun T.S.; Kalam A.	A Novel Modified Gorilla Troops Optimizer Algorithm for Interline Power Flow Controller-Based Damping Controller Design	Energy Exploration and Exploitation	0	0	0	0	1.9	10.1177/01445987241307985
3744	Rao J.V.; Kalyani D.; Emani S.R.R.K.; Rao T.N.; Srinivas M.N.	Characterizations of Lattice Ordered Semigroups in Pre-A*_Algebras-A Math Technique in Communication Technology	Wireless Personal Communications	0	0	0	0	1.9	10.1007/s11277-024-11666-3
3745	Bathwar M.; Vijayaraghavan R.	Charge Separated ZnNb2O6/SnO2 Type-II Heterojunction Photocatalyst for Enhanced Degradation of Emerging Contaminants	ChemistrySelect	9	44	0	0	1.9	10.1002/slct.202403053
3746	Ramasamy D.; Asharani I., V; Dhakshanamurthy T.	Efficient Synthesis of Dihydropyrimidine Hybrids via Guanidine-Based Biginelli Reaction	ChemistrySelect	9	45	0	0	1.9	10.1002/slct.202404642
3747	Soni A.B.; Satishkumar G.; Man M.W.C.	Palladium Nanoparticles Stabilized in Ionic Liquid-Based Periodic Mesoporous Organosilica: An Efficient Heterogeneous Catalyst for Oxidative Acylation of Ketones	ChemistrySelect	9	44	0	0	1.9	10.1002/slct.202403464
3748	Sakthivel K.; Singh F.V.	Photophysical Properties and Metal-Free Synthesis of Thiophene-Based D??A Stilbenes with Enhanced Stokes Shift	ChemistrySelect	9	45	0	0	1.9	10.1002/slct.202403407

3749	Sundaram Sundararajan A.S.; Radhamani R.; Balakrishnan M.	Unveiling Heat Treatment Effects on Hardness and Dimensional Properties of Power Bed Fusion-LB/M/18Ni300 Turning Tool with Transpiration Cooling Channels	Steel Research International	0	0	0	0	1.9	10.1002/srin.202400687
3750	Bhattacharya B.; Bhattacharya S.; Khatun S.; Bhaktham N.A.; Maneesha M.; Subathra Devi C.	Wasp Venom: Future Breakthrough in Production of Antimicrobial Peptides	Protein Journal	0	0	0	0	1.9	10.1007/s10930-024-10242-9
3751	Srilekha R.; Parthiban V.; Dhanasekar S.	Controllability criteria for type-2 fuzzy fractional-order dynamical system via Mittag-Leffler matrix function using granular derivative	Iranian Journal of Fuzzy Systems	21	5	133	150	1.9	10.22111/ijfs.2024.47862.8422
3752	Renu K.; Gopalakrishnan A.V.; Madhyastha H.	Is periodontitis triggering an inflammatory response in the liver, and does this reaction entail oxidative stress?	Odontology	0	0	0	0	1.9	10.1007/s10266-024-01032-x
3753	Rajalakshmi R.; PramodKumar T.A.; Naziyagulnaaz A.S.; Anjana R.M.; Raman R.; Manikandan S.; Mohan V.	Leveraging Artificial Intelligence for Diabetic Retinopathy Screening and Management: History and Current Advances	Seminars in Ophthalmology	0	0	0	0	1.9	10.1080/08820538.2024.2432902
3754	Srivastava R.; Ahmad F.; Mishra B.N.; Mathkor D.M.; Singh V.; Haque S.	Terrein: isolation, chemical synthesis, bioactivity and future prospects of a potential therapeutic fungal metabolite	Natural Product Research	0	0	0	0	1.9	10.1080/14786419.2024.2436112

3755	S V., V K., J R., S S.B., M S.	Assessment of urban heat island using remote sensing and geospatial application: A case study in Sao Paulo city, Brazil, South America	Journal of South American Earth Sciences	134					1.8	10.1016/j.jsames.2023.104763
3756	Govind K.R.A., Mahapatra S., Mahapatro S.R.	A graphical tuning rule for higher-order systems with H_{∞} complementary sensitivity function framework	Transactions of the Institute of Measurement and Control						1.8	10.1177/01423312231216505
3757	Singh M., Singh D., Lal Pandey K., Verma D., Gupta S.	Investigating the Evolution of Amati Parameters with Redshift	Research in Astronomy and Astrophysics	24	1				1.8	10.1088/1674-4527/ad0fd5
3758	Rajan R., Vizhi R.E.	Enhanced Ferromagnetism in Nano-sized $\text{Sn}_{0.85}\text{Co}_{0.10}\text{Fe}_{0.03}\text{Mn}_{0.02}\text{O}_2$ Dilute Magnetic Semiconductor Synthesised by Sol-Gel Method	Journal of Superconductivity and Novel Magnetism						1.8	10.1007/s10948-024-06689-7
3759	Saha D., Sarkar M., Barman U.	Illustration of maiden frequency control scheme of combined cycle gas turbine and doubly fed induction generator integrated distributed energy resources based isolated power system	Electrical Engineering						1.8	10.1007/s00202-023-02184-9
3760	Vinoth Kumar P., Mohana Roopan S., Madhumitha G.	Recent advances on palladium incorporated clay-based heterogeneous catalyst for carbon-carbon coupling reactions	Monatshefte fur Chemie	155	1	1	15		1.8	10.1007/s00706-023-03148-2

3761	Shekhar S.K.	Brand and addiction: A network analysis of scientific literature	Australasian Psychiatry					1.8	10.1177/10398562241230903
3762	Arun V., Stonier A.A., Peter G.	A modified multilevel inverter with modified triangular carrier SPWM approach	Electrical Engineering					1.8	10.1007/s00202-024-02237-7
3763	Chacko P.J., Krishna S.M., Nuvvula R.S.S., Stonier A.A., Kumar P.P., Ogale J., Khan B.	Estimation of state of charge considering impact of vibrations on traction battery pack	Electrical Engineering					1.8	10.1007/s00202-023-02106-9
3764	Shakilanishi S., Shanthi C.	An overview on preparation of enzymes for industrial use	Biocatalysis and Biotransformation					1.8	10.1080/10242422.2024.2311098
3765	Liu J.-B., Arockiaraj M., Paul D., Clement J., Zhao X., Tigga S.	Degree Descriptors and Graph Entropy Quantities of Zeolite ACO	Current Organic Synthesis	21	3	263	273	1.8	10.2174/1570179421666230825151331
3766	Saranya K., Malathi M.	Analysis of stable, inorganic, lead-free cesium titanium iodide perovskite and solar cell simulation	Bulletin of Materials Science	47	2			1.8	10.1007/s12034-023-03126-8
3767	Shajan S., Thirunavukkarsu K., Chandrasekaran V., Thimmakonda V.S., Thirumoorthy K.	FeC ₄ H ₂₂ ⁺ Encompassing Planar Tetracoordinate Iron: Structure and Bonding Patterns	Atoms	12	2			1.8	10.3390/atoms12020011
3768	Cuce E., Shaik S., Roy A., Arumugam C., Afzal A., Cuce P.M., Ghosh A., Alam T., Shaik S.V.	Thermal Analysis of Building Roofs with Latent Heat Storage for Reduction in Energy Consumption and CO ₂ Emissions: An Experimental and Numerical Research	Advances in Civil Engineering	2024				1.8	10.1155/2024/6676188

3769	Dey S., Hui S.K., Roy S., Alkhaldi A.H.	Conformal v-Ricci-Bourguignon soliton in general relativistic spacetime	International Journal of Geometric Methods in Modern Physics					1.8	10.1142/S0219887824501482
3770	Nithya N.S., Thota S., Rathour L., Shanmugasundaram P.	A new multi-criteria decision making method for the selection of construction contractors using interval valued fuzzy set	BMC Research Notes	17	1			1.8	10.1186/s13104-024-06769-w
3771	Divya K., Indhira K.	Performance analysis and ANFIS computing of a Markovian queuing model with intermittently accessible server under a hybrid vacation policy	RAIRO - Operations Research	58	2	1257	1279	1.8	10.1051/ro/2024044
3772	Bagchi S., Chakraborty R., Bhowmik P., Das P.	Instantaneous power theory based an improved LVRT strategy for PV-PEMFC based hybrid micro-grid system	Electrical Engineering					1.8	10.1007/s00202-024-02354-3
3773	Saidani O., Abderrahim Y., Zitouni M., Sahoo G.S., Zouache R., Mohammad M.R., Alothman A.A., Mohammad S., Vimalan M., Toki G.F.I., Hossain M.K.	Numerical study of high-performance lead-free CsSnCl ₃ -based perovskite solar cells	Journal of Optics (India)					1.8	10.1007/s12596-024-01817-x

3774	Manigandan A., Narayana P.V.S.	Impact of chemical reaction on hybrid nanofluid (GO + MoS ₂) flow over an exponentially stretching sheet with Soret and Dufour effects	Asia-Pacific Journal of Chemical Engineering					1.8	10.1002/apj.3070
3775	Thungon L.C., Sahana S.C., Hussain I.	"A lightweight authentication scheme for 6LoWPAN-based Internet-of -things"	Information Security Journal					1.8	10.1080/19393555.2024.2332962
3776	Rekha K., Vizhi R.E.	Temperature Effects on the Structural, Morphological, and Magnetic Properties of Iron Oxide Nanoclusters Using Solvothermal Method	Journal of Superconductivity and Novel Magnetism					1.8	10.1007/s10948-024-06726-5
3777	Mohan Raja M., Vijayakumar V., Veluvolu K.C., Shukla A., Nisar K.S.	Existence and optimal control results for Caputo fractional delay Clark's subdifferential inclusions of order $r \in (1,2)$ with sectorial operators	Optimal Control Applications and Methods					1.8	10.1002/oca.3125
3778	Senthilraj K., Rajamurugan G.	Mechanical and tribological behaviour of Al ₂ TiO ₅ particle-reinforced AA5052 composite	Bulletin of Materials Science	47	2			1.8	10.1007/s12034-024-03186-4
3779	Amma N.G.N., Jayaraj T., Amma N.G.B.	Towards improving the security of wireless networks using secured session keys	Information Security Journal					1.8	10.1080/19393555.2024.2347682

3780	Simplica S.J.A., Afridha M.S.H.F., Roopan S.M., Arunachalapandi M., Aazath K., Vijayaganapathi A., Vaithilingam M., Khan M.M.R.	Cu ₃ TiO ₄ nanoparticles catalyzed synthesis of N-alkylated SpiroQuinazolines: Blue LED activation and bioactivity evaluation	Tetrahedron Letters	143				1.8	10.1016/j.tetlet.2024.155118
3781	Shunmuga Vembu P.R., Ammasi A.K.	Sustainable use of magnesite mine waste in self-compacting concrete and its study on strength, microstructure, cost and CO ₂ emission	Materials Research Express	11	6			1.8	10.1088/2053-1591/ad524f
3782	Narendra S., Vasugi V.	Development of red mud based sintered artificial aggregates with various industrial wastes	Materials Research Express	11	6			1.8	10.1088/2053-1591/ad4f55
3783	Hiremath V.S., Dhilipkumar T., Reddy D.M., Mutra R.R., Rajesh M.	Influence of different manufacturing techniques on GFRP flat-joggle-flat composite joints using multi-scale reinforcements for enhancing shear properties	Materials Research Express	11	5			1.8	10.1088/2053-1591/ad4e08
3784	Gajavalli S., Greeni A.B.	On strong geodeticity in the lexicographic product of graphs	AIMS Mathematics	9	8	20367	20389	1.8	10.3934/math.2024991

3785	Murali A., Muthunagai K.	Generation of Julia and Mandelbrot fractals for a generalized rational type mapping via viscosity approximation type iterative method extended with s-convexity	AIMS Mathematics	9	8	20221	20244	1.8	10.3934/math.2024985
3786	Taher H.S., Dash S.K.	Repdigits base η as sum or product of Perrin and Padovan numbers	AIMS Mathematics	9	8	20173	20192	1.8	10.3934/math.2024983
3787	Naz S., Renganathan T.	An exact asymptotic solution for a non-Newtonian fluid in a generalized Couette flow subject to an inclined magnetic field and a first-order chemical reaction	AIMS Mathematics	9	8	20245	20270	1.8	10.3934/math.2024986
3788	Rajesh M., Venkatesan R., Kesavan S., Murali A.P., Sasikumar R., Kim S.-C., Dhilipkumar T., Al-Asbahi B.A.	Influence of 3D printed adherend design on structural performance and vibrational behaviour of adhesively bonded joints	Journal of the Brazilian Society of Mechanical Sciences and Engineering	46	7			1.8	10.1007/s40430-024-04995-8
3789	Jyothish K., Santiago R., Govardhan S., Hayat S.	Structure-property modeling of physicochemical properties of fractal trigonal triphenylenoids by means of novel degree-based topological indices	European Physical Journal E	47	6			1.8	10.1140/epje/s10189-024-00438-3

3790	Kanapaakala G., Subramani V.	Predictive modeling for design of low elastic modulus and biocompatible β -Ti alloys: A comprehensive machine learning-data driven approach with XGBoost as the key predictor	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science					1.8	10.1177/09544062241253712
3791	Raja Chandrasekhar P., Arunkumar G.	Design, analysis, and implementation of a phase-shift controlled cascaded H-bridge and anti-interleaved zeta converter-based E-bike battery charging circuitry	International Journal of Circuit Theory and Applications					1.8	10.1002/cta.4113
3792	Senthilraj K., Rajamurugan G.	Importance of Al ₂ TiO ₅ particle on the mechanical and wear performance of stir cast AA6061 composite using Central Composite Design	Journal of the Australian Ceramic Society					1.8	10.1007/s41779-024-01042-6
3793	Kar A., Shoba S., Burra S., Goel P., Kumar S., Vasundhara, Mladenovic V., Sooraksa P.	Adaptive Tap-Length Based Sub-band Mean M-Estimate Filtering for Active Noise Cancellation	Circuits, Systems, and Signal Processing					1.8	10.1007/s00034-024-02731-0
3794	Yuvaaraj J.S., Deepakkumar R.	Advancement in experimental and computational approach for thermal performance investigation of single-tank packed bed thermal energy storage system	Journal of the Brazilian Society of Mechanical Sciences and Engineering	46	7			1.8	10.1007/s40430-024-05005-7

3795	Collin M.S., Sasikumar S.	A comprehensive investigation of strontium doped hydroxyapatite-merwinite composite: In-vitro biomineralization, mechanical testing, and cytotoxicity analysis	Advanced Composite Materials					1.8	10.1080/09243046.2024.2367278
3796	Saxena N., Kumar J., Mishra U., Sarkar B., Kumar K.	DETERIORATION AND AGE GOVERNED GREENHOUSE GAS EMISSIONS FROM THE PRODUCT ITSELF: AN OPTIMUM INVENTORY CONTROL PROBLEM	RAIRO - Operations Research	58	3	2591	2620	1.8	10.1051/ro/2023178
3797	Kumar R., Kumar A.	Investigation of slot parameters on the performance of Savonius hydrokinetic turbine: a CFD study	Journal of the Brazilian Society of Mechanical Sciences and Engineering	46	8			1.8	10.1007/s40430-024-05071-x
3798	Vaishnavi V., Braveen M., Muthukumaran N., Poonkodi P.	Premature Infant Cry Classification via Elephant Herding Optimized Convolutional Gated Recurrent Neural Network	Circuits, Systems, and Signal Processing					1.8	10.1007/s00034-024-02764-5

3799	Dhanasekaran S., Selvadoss P.P., Manoharan S.S., Jeyabalan S., Yaraguppi D.A., Choudhury A.A., Rajeswari V.D., Ramanathan G., Thamaraikani T., Sekar M., Subramaniyan V., Shing W.L.	Regulation of NS5B Polymerase Activity of Hepatitis C Virus by Target Specific Phytotherapeutics: An In-Silico Molecular Dynamics Approach	Cell Biochemistry and Biophysics					1.8	10.1007/s12013-024- 01359-w
3800	Ravikumar K., Dangate M.S.	Synthesis, Spectral and Electrochemical Properties, and Theoretical Studies of Highly Functionalized Fused Triazole-Isoindoline Derivatives as a Donor- Acceptor System	ECS Journal of Solid State Science and Technology	13	7			1.8	10.1149/2162- 8777/ad5fb9
3801	Vinothkumar B., Saadeh R., Poornima T., Qazza A., Sreenivasulu P., Subba Rao A., Khan U., Siddiqui M.I.H.	Two-phase numerical simulation of thermal and solulal transport exploration of a non-Newtonian nanomaterial flow past a stretching surface with chemical reaction	Open Physics	22	1			1.8	10.1515/phys-2024- 0036
3802	Anbarasu M., Dar M.A., Ganesh G.M., Kathiresan M.	Web crippling design of cold- formed ultra-high strength steel lipped channels under ITF loading: A numerical parametric investigation	Structural Design of Tall and Special Buildings					1.8	10.1002/tal.2166

3803	Shanmugam H., Rathinasamy S., Sundaram A., Ardashir M.	Composite State Tracking Control Protocol for Semi- Markovian Jump Systems with Time-Varying Delays	Circuits, Systems, and Signal Processing					1.8	10.1007/s00034-024- 02773-4
3804	Roy S., Pradhan A., Padhan S., Das A., Das S., Dhupal D.	Investigation on Surface Roughness and Power Consumption for Sustainability Assessment in Hard Turning of HSLA Steel With SPPP-ALTiSiN-Coated Carbide Tool Under Various Cooling-Lubrications	Lubrication Science					1.8	10.1002/lis.1717
3805	Arockiaraj M., Greeni A.B., Kalaam A.R.A., Aziz T., Alharbi M.	Mathematical modeling for prediction of physicochemical characteristics of cardiovascular drugs via modified reverse degree topological indices	European Physical Journal E	47	8			1.8	10.1140/epje/s1018 9-024-00446-3
3806	Karunanithi C., Natarajan S.	Mechanical and microstructural investigation of three-dimensionally printed PEEK polymer	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science					1.8	10.1177/095440622 41264950
3807	Ritesh A., Sigicharla I.K., Periwal C., Kothandaraman M., Darisini P.S.N., Tiwari S., Arora S.	Novel SEGAA: A Unified Approach to Predicting Age, Gender, and Emotion in Speech	Circuits, Systems, and Signal Processing					1.8	10.1007/s00034-024- 02817-9

3808	Sundarapandiyan S., Nandhini S.	Sensitivity analysis of a non-Markovian feedback retrial queue, reneging, delayed repair with working vacation subject to server breakdown	AIMS Mathematics	9	8	21025	21052	1.8	10.3934/MATH.2024 1022
3809	Naveen S., Parthiban V.	Variable-order Caputo derivative of LC and RC circuits system with numerical analysis	International Journal of Circuit Theory and Applications					1.8	10.1002/cta.4240
3810	Modrak V., Sudhakarapandian R., Balamurugan A., Soltysova Z.	A Review on Reinforcement Learning in Production Scheduling: An Inferential Perspective	Algorithms	17	8			1.8	10.3390/a17080343
3811	Dalave P.A., Joseph T., Patil D., Patadiya J., Naebe M., Kandasubramanian B.	Meta-structures for energy absorption: materials, designs, and applications in additive manufacturing and its future scope	Journal of the Brazilian Society of Mechanical Sciences and Engineering	46	8			1.8	10.1007/s40430-024- 05094-4
3812	Chandru M., Prabha T., Shanthi V., Ramos H.	An almost second order uniformly convergent method for a two-parameter singularly perturbed problem with a discontinuous convection coefficient and a source term	AIMS Mathematics	9	9	24998	25027	1.8	10.3934/math.2024 1219
3813	Prathap T., Rao R.N.	Fitted mesh methods based on non-polynomial splines for singularly perturbed boundary value problems with mixed shifts	AIMS Mathematics	9	10	26403	26434	1.8	10.3934/math.2024 1285

3814	Hassan N.M., Nagy M., Dutta S.	Statistical inference for the bathtub-shaped distribution using balanced and unbalanced sampling techniques	AIMS Mathematics	9	9	25049	25069	1.8	10.3934/math.2024-1221
3815	Das A., Raman R., Roy S., Gajrani K.K., Ghosh S., Das S.R.	Assessing the performance of ionic liquid-assisted minimum quantity lubrication during machining of biomedical-grade stainless steel with recently developed AlTiN/TiSiXN-coated carbide tool	Journal of the Brazilian Society of Mechanical Sciences and Engineering	46	9			1.8	10.1007/s40430-024-05169-2
3816	Vignesh R., George D.R., Ashok B., Thulasi V., Szpica D.	Assessing the potential and energy distribution calibration of ethanol-biodiesel based RCCI mode of compression ignition engine in a plugin parallel hybrid electric vehicle	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science					1.8	10.1177/09544062241277727
3817	Bose B., Siva Kumar S.	Dairy Farmers' Awareness of Vector-Borne Zoonotic Diseases: A Pilot Study	Vector-Borne and Zoonotic Diseases	24	9	597	599	1.8	10.1089/vbz.2023.0132
3818	Kirthiga R., Elavenil S.	Experimental and Analytical Study of Tensile and Bond Performances of Glass Fabric Reinforced Cementitious Matrix for Retrofit Applications on Concrete Surfaces	International Journal of Civil Engineering					1.8	10.1007/s40999-024-01035-3

3819	Kar A., Burra S., Shoba S., Vasundhara, Mladenovic V., Goel P., Kumar S., Sooraksa P.	Improved Active Noise Cancellation Using Variable Step-Size Combined Fx-LMS Algorithm	Circuits, Systems, and Signal Processing					1.8	10.1007/s00034-024-02848-2
3820	Ibrahim M.J., Nangia A., Das S., Verma T., Rajeswari V.D., Venkatraman G., Gnanasambandan R.	Exploring Holy Basil's Bioactive Compounds for T2DM Treatment: Docking and Molecular Dynamics Simulations with Human Omentin-1	Cell Biochemistry and Biophysics					1.8	10.1007/s12013-024-01511-6
3821	Hasan N., Singh A.K., Agarwal M.K., Kushwaha B.P.	Evaluating the role of microfinance institutions in enhancing the livelihood of urban poor	Journal of Economic and Administrative Sciences					1.8	10.1108/JEAS-09-2021-0175
3822	Premanand A., Shanmuga Priya M., Reena Rajkumari B.	Genetic variants in androgenetic alopecia: insights from scalp RNA sequencing data	Archives of Dermatological Research	316	8			1.8	10.1007/s00403-024-03351-z
3823	Kalaivaani P.C.D.; Sathyarajasekaran K.; Krishnamoorthy N.; Kumaravel T.	Hybrid HAN-CNN with aspect term extraction for sentiment analysis using product review	Computational Intelligence	40	5			1.8	10.1111/coin.12698
3824	Arunagirinathan S.; Lakshmanan S.; Lee T.H.	Secure Multiplicative Sampled-Data Control for T-S Fuzzy-Based Cyber-Physical Systems Subject to Deception Attacks	Circuits, Systems, and Signal Processing					1.8	10.1007/s00034-024-02899-5

3825	Dhanasekaran S.; Jeyabalan S.; Choudhury A.A.; Rajeswari V.D.; Ramanathan G.; Thamaraikani T.; Sekar M.; Subramaniyan V.; Shing W.L.	Harnessing Phytochemicals to Regulate Catalytic Residues of Alpha-Amylase and Alpha- Glucosidase in Type 2 Diabetes	Cell Biochemistry and Biophysics					1.8	10.1007/s12013-024- 01575-4
3826	Moni Varghese V.; Sundaram K.	Design of High-Performance Radix-Power-of-2 Butterfly Architectures for FFT Implementation by Cosine Coefficients Extraction	International Journal of Circuit Theory and Applications					1.8	10.1002/cta.4305
3827	Murugusundaramoort hy G.; Vijaya K.; Karthikeyan K.R.; El- Deeb S.M.; Ro J.-S.	Bi-univalent functions subordinated to a three leaf function induced by multiplicative calculus	AIMS Mathematics	9	10	26983	26999	1.8	10.3934/math.2024 1313
3828	Ma Y.-K.; Valliammal N.; Jothimani K.; Vijayakumar V.	Solvability and controllability of second-order non- autonomous impulsive neutral evolution hemivariational inequalities	AIMS Mathematics	9	10	26462	26482	1.8	10.3934/math.2024 1288
3829	Kumar M.; Upadhyay S.; Bansal L.; Verma R.	An experimental and analytical investigation to determine thermal conductivity of epoxy- filler composites for space applications	Cryogenics	144	0	0	0	1.8	10.1016/j.cryogenics.2 024.103973

3830	Ramki R.; Lakshminarayana P.	Electroosmotic peristaltic transport of magnetohydrodynamic Casson nanofluid in a non-uniform wavy porous asymmetric micro-channel	Modern Physics Letters B	0	0	0	0	1.8	10.1142/S0217984925500435
3831	Kumaran Selvaraj S.; Manoj A.L.; Mathew A.B.; Govind A.V.; Sundaramali G.; Chadha U.; Vajipeyajula B.; Patterson A.E.	Parameter Optimization for Dissimilar Aluminum Alloys Joined Using Friction Stir Additive Manufacturing: A Screening Study	Engineering Reports	0	0	0	0	1.8	10.1002/eng2.13039
3832	Vanangamudi A.; Punniyakoti S.	The anti-fouling activity of solvothermally synthesized Nb2O5-coated Fe ship strip on optimal interactions at the targeted interfaces of barnacle attachments -An Insilico study	Materials Research Express	11	11	0	0	1.8	10.1088/2053-1591/ad8eac
3833	Chandrashekar K.K.; Srirangan J.; Irudayaraj D.	Topological Properties on Neural Networks Using Graph Properties	Circuits, Systems, and Signal Processing	0	0	0	0	1.8	10.1007/s00034-024-02898-6
3834	Subramani V.; Tomer V.; Balamurali G.; Mansingh P.	Artificial neural network in optimization of bioactive compound extraction: recent trends and performance comparison with response surface methodology	Analytical Sciences	0	0	0	0	1.8	10.1007/s44211-024-00681-w
3835	Das S.; Rajeswari V.D.; Venkatraman G.; Ramanathan G.	Phytochemicals in Parkinson's Disease: a Pathway to Neuroprotection and Personalized Medicine	Cell Biochemistry and Biophysics	0	0	0	0	1.8	10.1007/s12013-024-01607-z

3836	Ishwarya V.S.; Kothandaraman M.	A Novel Feature-Fusion-Based Sparse Masked Attention Network for Acoustic Echo Cancellation Using Wavelet and STFT Synergies	Circuits, Systems, and Signal Processing	0	0	0	0	1.8	10.1007/s00034-024-02955-0
3837	Eswar N.; Jayagopal R.	An extension of locating-total domination problem and its complexity	RAIRO - Operations Research	58	6	4889	4904	1.8	10.1051/ro/2024123
3838	Nyangaresi V.O.; AlRababah A.A.; Yenurkar G.K.; Chinthaginjala R.; Yasir M.	Anonymous Authentication Scheme Based on Physically Unclonable Function and Biometrics for Smart Cities	Engineering Reports	0	0	0	0	1.8	10.1002/eng2.13079
3839	Rasheed H.S.; Nelapati R.P.	Design of Hybrid CMOS-Memristor Combinational Circuits: Maximizing Efficiency with Low Power, Area, and Delay	Circuits, Systems, and Signal Processing	0	0	0	0	1.8	10.1007/s00034-024-02935-4
3840	Pandiyan T.; Solaiyan E.	Development of sustainable geopolymer concrete by synergistic utilization of jarosite and GGBS	Materials Research Express	11	11	0	0	1.8	10.1088/2053-1591/ad95e0
3841	Umadevi S.; Penumaka P.; Ram C.K.; Devi T.K.	High Performance MAC Unit Design with Grouping and Decomposition Multiplier and 18?T Gate Diffusion Input-Transmission Gate Adder	Circuits, Systems, and Signal Processing	0	0	0	0	1.8	10.1007/s00034-024-02949-y
3842	Kar A.; Sivapatham S.; Reddy H.	Improved Monaural Speech Enhancement via Low-Complexity Fully Connected Neural Networks: A Performance Analysis	Circuits, Systems, and Signal Processing	0	0	0	0	1.8	10.1007/s00034-024-02958-x

3843	Dhanasekaran S.; Selvadoss P.P.; Manoharan S.S.; Jeyabalan S.; Muthu Laxmi V.; Choudhury A.A.; Rajeswari V.D.; Ramanathan G.; Thamaraikani T.; Subramaniyan V.; Sekar M.; Shing W.L.	Targeting Nudix Hydrolase 5 with Bioactive Flavonoids: Molecular Dynamics and Docking Studies for Breast Cancer Therapy	Cell Biochemistry and Biophysics	0	0	0	0	1.8	10.1007/s12013-024- 01609-x
3844	Pandey A.; Naveen Venkatesh S.; Anoop P.S.; Manju B.R.; Sugumar V.	Tire Pressure Monitoring System Using Feature Fusion and Family of Lazy Classifiers	Engineering Reports	0	0	0	0	1.8	10.1002/eng2.13057
3845	Evangeline T G.; Annamalai A R.	Densification of ceramics and ceramic-based composites using ultralow temperature sintering (cold sintering): A comprehensive review	International Journal of Applied Ceramic Technology	0	0	0	0	1.8	10.1111/ijac.14996
3846	Chandrababu M., Senthilkumar K.	Secure intrusion detection system for IOT sensor data using LR-ECC and FY-SFL- DLNN algorithm	Journal of Control and Decision					1.7	10.1080/23307706.2 023.2299857
3847	Balasubramanian S., Shobana M.K., Anabalagan D., Thanasekar P., Joel S., Chaudhary P.	Dosimetric and radiobiological comparison of IMRT, VMAT, and helical tomotherapy planning techniques in hippocampal sparing whole brain radiotherapy with simultaneous integrated boost for multiple brain metastases	Radiation and Environmental Biophysics					1.7	10.1007/s00411-023- 01052-1

3848	Bhattacharya K., Paradeshi S., Karthik M., Sakthiraja V.R., Bibin S., Edison G.	Analyzing the performance of a parabolic trough solar collector with advanced techniques adopted in the absorber- a review	Engineering Research Express	6	1			1.7	10.1088/2631- 8695/ad1c0b
3849	Srija R., Singh A.K., Awasthi M.K., Yadav D., Nair S.B.	Instability analysis of swirling cylindrical Rivlin-Ericksen viscoelastic fluid-viscous fluid interface with heat and mass transfer	International Journal of Modern Physics B					1.7	10.1142/S02179792 24504162
3850	Satish R., Raju B.T., Prasad P.D., Raju S.V.S.R., Raju C.S.K., Kumar M.D.	Dynamics of comparative analysis of Reynold's and Vogel's models (variable viscosity) in a wire coating process lled with magnetized porous	International Journal of Modern Physics B					1.7	10.1142/S02179792 24504174
3851	Jakeer S., Reddy P.B.A., Basha H.T., Reddy S.R.R.	Entropy minimization of the non-Newtonian bio-hybrid (Fe ₃ O ₄ -CuO/blood) nanofluid flow over a linear extending sheet by means of induced magnetic field	International Journal of Modern Physics B	38	10			1.7	10.1142/S02179792 2450142X
3852	Sugin Elankavi R., Dinakaran D., Doss A.S.A., Kuppan Chetty R.M., Ramya M.M.	Design of a wheeled-Type In- Pipe Inspection Robot to overcome motion singularity in curved pipes	Journal of Ambient Intelligence and Smart Environments	16	1	43	55	1.7	10.3233/AIS-220247
3853	Vidya Sagar P., Dadheech P., Rajyalaxmi M., Subbalakshmi A.V.V.S., Sengan S., Bommiseti R.K.	Utilizing stochastic differential equations and random forest for precision forecasting in stock market dynamics	Journal of Interdisciplinary Mathematics	27	2	285	298	1.7	10.47974/JIM-1822

3854	Sravani T., Ramani P.V., Anbu M.	Comparative analysis of cement-based bricks in India: a cradle-to-gate life cycle assessment	Engineering Research Express	6	1			1.7	10.1088/2631-8695/ad3401
3855	Manivannan R., Senthilkumar S., Kalaivani K., Prathap N.	Performance enhancement of cloud security with migration algorithm for choosing virtual machines in cloud computing	Engineering Research Express	6	1			1.7	10.1088/2631-8695/ad2ef9
3856	Dasgupta T., Manickam V.	Benzydamine hydrochloride ameliorates ethanol-induced inflammation in RAW 264.7 macrophages by stabilizing redox homeostasis	Asian Pacific Journal of Tropical Biomedicine	14	2	73	81	1.7	10.4103/apjtb.apjtb_823_23
3857	Rajamanickam G., Manju S.L.	Neuroprotective effects of chitosan nanoparticles loaded with niruriflavone in an aluminium chloride-induced Alzheimer's disease rat model	Toxicology and Environmental Health Sciences					1.7	10.1007/s13530-024-00207-x
3858	Panigrahy A.K., Hanumanthakari S., Devamane S.B., Choubey S.B., Prasad M., Somasundaram D., Kumaresan N., Vignesh N.A., Subramaniam G., Durga Prakash M., Swain R.	Analysis of GAA Junction Less NS FET Towards Analog and RF Applications at 30 nm Regime	IEEE Open Journal of Nanotechnology	5		1	8	1.7	10.1109/OJNANO.2024.3365173

3859	Thirunavukkarasu M., Selvaraj K., Chiranjeevi C., Rathinavelu V., Maguluri L.P., Obaid S.A., Alharbi S.A., Kalam M.A., Yokeswaran R.	ENHANCEMENT AND EXPERIMENTAL STUDY ON THERMAL BEHAVIOUR OF HEAT PIPE BASED SOLAR ABSORBER BY USING CuO NANOFLUID	Thermal Science	28	1	241	247	1.7	10.2298/TSCI230311274T
3860	RAJESWARAN S.S., GOVINDASAMY K., PANDIARAJ S., RAJARAM K.	EXPERIMENTAL STUDY ON HEAT TRANSFER CHARACTERISTICS OF DIMPLED SURFACE THERMOSYPHON WITH Al ₂ O ₃ NANOFLUID	Thermal Science	28	1A	347	356	1.7	10.2298/TSCI230816267R
3861	Aarthy P., Rufus E.	Synthesis of conductive yarn to develop wearable electronic device	Journal of the Textile Institute					1.7	10.1080/00405000.2024.2320052
3862	Elumalai S., Senthilkumar S., Srikanth M., Nishtala V.B., Thenmozhi K.	Characterization of Elvitegravir and Its Related Impurities Using ESI–LC–MS, NMR Techniques, Method Development and Validation of Its Related Substances by HPLC Method	Chromatographia					1.7	10.1007/s10337-024-04314-2
3863	Krishnasamy P., Rajamurugan G., Belaadi A., Sasikumar R.	Dynamic mechanical characteristics of natural fiber hybrid composites, bio composites and nano composites -a review	Engineering Research Express	6	1			1.7	10.1088/2631-8695/ad2f86

3864	Moulika G., Palanisamy P.	Optimizing extreme manufacturing framework: a secure and efficient 3D printing integration framework	Engineering Research Express	6	2			1.7	10.1088/2631-8695/ad32b2
3865	Divya R., Ramesh S., Karunanithi K., Raja S.P.	Measurement of State of Charge of Lithium-Nickel Manganese Cobalt Battery using Artificial Neural Network and NARX Algorithm	International Journal of Electrical and Computer Engineering Systems	15	4	305	311	1.7	10.32985/ijeces.15.4.1
3866	Vivek S., Vijayakumar V.	An analysis on time optimal feedback control for Caputo fractional neutral systems with delay	Journal of Control and Decision					1.7	10.1080/23307706.2024.2343312
3867	Pradeesh J., Vijayakumar V.	Approximate controllability for Hilfer fractional stochastic differential systems of order $1 < \mu < 2$	Journal of Control and Decision					1.7	10.1080/23307706.2024.2337113
3868	Biswas R., Banerjee P., Sudesh K.S.	Molecular dynamics studies on interfacial interactions between imidazolium-based ionic liquids and carbon nanotubes	Structural Chemistry					1.7	10.1007/s11224-024-02323-3
3869	R S.D., Perumandla S., Bhattacharyya S.S.	Integrating rational and irrational factors towards explicating investment satisfaction and reinvestment intentions: a study in the context of direct residential real estate	International Journal of Housing Markets and Analysis					1.7	10.1108/IJHMA-01-2024-0004

3870	Sateesha D., Chinnam S., Ananthnag G.S., Pushpavathi I., Vinitha G., Serrao F.J., Raghavendra S.	Crystal structure, third-order nonlinear optical property relationship, density functional theory, and in silico bio activity of organic non-centrosymmetric crystal (E)-1-(thiophen-2-yl)-3-(p-tolyl)prop-2-en-1-one	Structural Chemistry					1.7	10.1007/s11224-024-02308-2
3871	Abraham A.M., Venkatesan S.	A critical review on biomaterials using powder metallurgy method	Engineering Research Express	6	1			1.7	10.1088/2631-8695/ad35a6
3872	Bhuvanashankar P., Sathishkumar S., Vinod V., Pandikumar G., Radha R., Gobinath N.	Thermo-structural analysis of a dump nozzle for conducting hot liquid sodium	Nuclear Engineering and Design	424				1.7	10.1016/j.nucengdes.2024.113299
3873	Vasan V., Sridharan N.V., Sugumaran V., Jeyavadhanam Balasundaram R.	Hot rolled steel surface defect detection and classification using an automatic ensemble approach	Engineering Research Express	6	2			1.7	10.1088/2631-8695/ad4a26
3874	Balan G.S., Aravind Raj S.	Tribological performance of functional coated fiber reinforced additively manufactured polymer composite	Engineering Research Express	6	2			1.7	10.1088/2631-8695/ad48d8
3875	Chouhan G., Bidare P., Murali G.B.	Comparative study on tensile and morphological properties of resin and rice husk reinforced polymer composite gyroid lattice structures	Engineering Research Express	6	2			1.7	10.1088/2631-8695/ad4aec

3876	Madhankumar A., Anthony Xavier M.	Material characterization of graphene and boron nitride for composites reinforcement	Engineering Research Express	6	2			1.7	10.1088/2631-8695/ad443a
3877	Rakshaskar R., Kannan C.	Enhancing surface integrity and performance of EDM with sustainable dielectrics and electrode modifications	Engineering Research Express	6	2			1.7	10.1088/2631-8695/ad4439
3878	Buddha D., Jena B., Pandey C.K., Nanda U., Hsu C.-C.	Self-cascode and self-biased Dickson charge pump for fast locking wide lock range PLL with reduced phase noise	Engineering Research Express	6	2			1.7	10.1088/2631-8695/ad3f74
3879	Venkatachalam G., Jeevalknat D., Sanjog M., Loganathan T.G., Vignesh P., Aravindh S.	Impact Strength of Coir Fiber/Boron Nitride/Fly Ash Fortified Epoxy Composite	Mechanics of Composite Materials	60	2	353	362	1.7	10.1007/s11029-024-10191-5
3880	Karthick M., Kumar S.S., Vivek D., Viswanathan A.	Ep-Satty-MCDM based business decision-making model using behaviour and review data	Intelligent Data Analysis	28	2	573	590	1.7	10.3233/IDA-227446
3881	Venkatasachandranth P., Iyapparaja M.	A survey on pest detection and classification in field crops using artificial intelligence techniques	International Journal of Intelligent Robotics and Applications					1.7	10.1007/s41315-024-00347-w
3882	Ganesh Kumar R., Palani Rajan T.	Characterization of polyvinyl alcohol and vitex negundo blended bio nanofilm for wound healing scaffold	Journal of the Textile Institute					1.7	10.1080/00405000.2024.2350832

3883	Vivek S., Vijayakumar V.	Discussion on optimal feedback control for stochastic fractional differential system by hemivariational inequalities	Journal of Control and Decision					1.7	10.1080/23307706.2024.2349635
3884	Ramachandran R., Sankarganesh D., Suriyakalaa U., Aathmanathan V.S., Angayarkanni J., Achiraman S.	Interplay of hormones and metabolite excretion with fern pattern prove saliva as a potent indicator of male reproductive status in Kangayam breed cattle	Tropical Animal Health and Production	56	4			1.7	10.1007/s11250-024-03990-4
3885	Chinnaiya D., Mudhana G.	Assessment of stereotactic high-resolution detectors for stereotactic body radiotherapy: comparative analysis between myQA [®] SRS and Gafchromic EBT-XD films	Radiation and Environmental Biophysics	63	2	203	214	1.7	10.1007/s00411-024-01071-6
3886	Sreenivasulu P., Poornima T., Souayeh B.	Gyrotactic bio-magneto-convective combined impacts on magnetorheological hybrid nanoflow: Microbial life on surfaces' application	International Journal of Modern Physics B					1.7	10.1142/S0217979225500560
3887	Lingam D., Ananthanarayanan R., Jeevanantham A.K., Seenivasagam D.R.	Optimization methods in powder metallurgy for enhancing the mechanical properties: a systematic literature review	Engineering Research Express	6	2			1.7	10.1088/2631-8695/ad4a23
3888	Madhankumar M.A., Anthony Xavier A.X.	Graphene reinforced ceramic matrix composite (GRCMC) - state of the art	Engineering Research Express	6	2			1.7	10.1088/2631-8695/ad476a

3889	M A., De P., Awan A.U., Alzubadi H.	Mathematical modeling of cross diffusion effect on bioconvective Casson nanofluid over multi slips porous stretching surface	Numerical Heat Transfer, Part B: Fundamentals					1.7	10.1080/10407790.2024.2365901
3890	Beula A.A.S., Peter G., Alexander Stonier A., Vignesh K.E., Ganji V.	Behaviour Analysis of Modeling and Model Evaluating Methods in System Identification for a Multiprocess Station	Complexity	2024				1.7	10.1155/2024/7741473
3891	Tiwari R.S., Lakshmi D., Das T.K., Tripathy A.K., Li K.-C.	A lightweight optimized intrusion detection system using machine learning for edge-based IIoT security	Telecommunication Systems					1.7	10.1007/s11235-024-01200-y
3892	Hikkimath G.K., Patel D.K.	A Numerical Investigation on Turbulent CH ₄ -air Combustion Flames of a Multi-Regime Burner	Combustion Science and Technology					1.7	10.1080/00102202.2024.2367254
3893	Krishnasamy B., Palani S.K., Neelakandan R.P., Uma S.	Aggregate-attention network optimised and graph sample with arithmetic optimisation algorithm fostered IoT device type identification for enhancing IoT security	International Journal of Bio-Inspired Computation	24	1	22	31	1.7	10.1504/IJBIC.2024.140139
3894	Priyanka T.M.C., Gowrisankar A., Prasad M.G.P., Liang Y., Cao J.	Caputo fractional derivative of α -fractal spline	Numerical Algorithms					1.7	10.1007/s11075-024-01875-z

3895	Katta P., Karunanithi K., Raja S.P., Ramesh S., Prakash S.V.J., Joseph D.	Optimized Deep Belief Network for Efficient Fault Detection in Induction Motor	Advances in Distributed Computing and Artificial Intelligence Journal	13					1.7	10.14201/adcaij.31616
3896	Sylvia J., Ghosh S.	Solution of chemical reaction model using Haar wavelet method with Caputo derivative	Journal of Mathematical Chemistry						1.7	10.1007/s10910-024-01654-0
3897	A M.N., Sathyarajasekaran K.	SwinVNETR: Swin V-net Transformer with non-local block for volumetric MRI Brain Tumor Segmentation	Automatika	65	4	1350	1363		1.7	10.1080/00051144.2024.2374179
3898	Masilamani A., Krishnan S., Singh B., Chellatamilan T.	Tangent sine search optimization enabled energy prediction and SWIPT-based power transfer for energy-aware communication in WSN	International Journal of Communication Systems						1.7	10.1002/dac.5867
3899	Yadav D., Awasthi M.K., Singh A.K., Ravi R., Bhattacharyya K., Mahabaleswar U.S.	Thermal boundary conditions and rotation effects on the onset of casson fluid convection in a permeable layer produced by purely interior heating	Numerical Heat Transfer, Part B: Fundamentals						1.7	10.1080/10407790.2024.2374060
3900	Patil S.M., Venkatesan R.	A compact circularly polarized (CP) substrate integrated waveguide (SIW) cavity-backed antenna with controlled axial ratio	International Journal of Communication Systems						1.7	10.1002/dac.5951

3901	Das T.K., Dwivedy B., Behera S.K.	A modified Koch-snowflake monopole antenna for short-range radio frequency identification reader and C band applications	International Journal of Communication Systems					1.7	10.1002/dac.5940
3902	Menon U V., Selvaprabhu P.	A novel unified interference management scheme for multicellular MIMO communication with instantaneous relay	International Journal of Communication Systems					1.7	10.1002/dac.5923
3903	Manimaran R.	Comparative evaluation of floating OWC and BBDB wave energy converters by regular and irregular waves using numerical approach	Ships and Offshore Structures					1.7	10.1080/17445302.2024.2387520
3904	Udayakumar P., Subhashini R.	Connectome-based schizophrenia prediction using structural connectivity - Deep Graph Neural Network(sc-DGNN)	Journal of X-Ray Science and Technology	32	4	1041	1059	1.7	10.3233/XST-230426
3905	Anuradha A, Sailaxmi S.S.	Growth hacking business analytical tools for small and medium enterprises	Journal of Business Analytics					1.7	10.1080/2573234X.2024.2387560
3906	Ilango P., Ravichandran A., Sivarajan N., Aiyappan A.	Hierarchical Taylor quantized kernel least mean square filter for data aggregation in wireless sensor network	International Journal of Communication Systems					1.7	10.1002/dac.5952

3907	Deepa S., Singh C., Renjith P.N.	Optimized deep learning-based channel estimation for pilot contamination in a massive multiple-input-multiple-output-non-orthogonal multiple access system	International Journal of Communication Systems					1.7	10.1002/dac.5942
3908	Karthikeyan N.K., Elavenil S.	Developing Integral Hydrophobic Cement Mortar Composite Using Sustainable Carbon Nanomaterial: Wettability and Surface Energy	Iranian Journal of Science and Technology - Transactions of Civil Engineering					1.7	10.1007/s40996-024-01603-6
3909	Hoo D.S., Chua K.H., Lim Y.S., Wang L., Rajasekar N.	Dynamic Harmonic Distortion Analysis and Mitigation Strategies for DC Third Rail Systems	Urban Rail Transit					1.7	10.1007/s40864-024-00230-8
3910	Madhavi S., Praveen R., Jagatheswari S., Nivitha K.	Hybrid ELECTRE and bipolar fuzzy PROMOTHEE-based packet dropping malicious node mitigation technique for improving QoS in WSNs	International Journal of Communication Systems					1.7	10.1002/dac.5974
3911	Somasundaram A., SureshKumar T.R., Sidén J., Alex Z.C.	Wearable dual-band dual-polarized screen-printed fabric antenna enabled with electromagnetic bandgap structure for ISM and WLAN communications	International Journal of Communication Systems					1.7	10.1002/dac.6001

3912	Durgam Muralidharan N., Subramanian J.	An experimental investigation on the influence of pore foaming agent particle size on cell morphology, hydrophobicity, and acoustic performance of open cell poly (vinylidene fluoride) polymeric foams	Journal of Polymer Engineering					1.7	10.1515/polyeng-2024-0124
3913	Bakhaidar M., Harinathan B., Devaraj K.B., Degroot A., Yoganandan N., Shabani S.	Comparative Biomechanical Analysis of Anterior Lumbar Interbody Fusion and Bilateral Expandable Transforaminal Lumbar Interbody Fusion Cages: A Finite Element Analysis Study	International Journal of Spine Surgery	18	4	441	447	1.7	10.14444/8630
3914	Parate A.P.; Iyer A.A.; Gupta K.; Porwal H.; Kishoreraja P.C.; Sivakumar R.; Soangra R.	Review of Data Bias in Healthcare Applications	International journal of online and biomedical engineering	20	12	124	136	1.7	10.3991/ijoe.v20i12.49997
3915	Poreddy S.; Gundluru M.; Sarva S.; Pothuraju S.; Bellala P.; Konidala K.K.; Yeguvapalli S.; Cirandur S.R.	Eco-friendly synthesis, antimicrobial activity, molecular docking and ADMET studies of novel α -aminophosphonates	Organic Communications	17	3	144	165	1.7	10.25135/acg.oc.172.24.07.3269
3916	Chidambaram S.; Nallagonda S.; Choukiker Y.; Bhowmick A.	Performance Analysis of a CR-Enabled Energy-Efficient Device-to-Device Network With Ambient Backscattering and NOMA	International Journal of Communication Systems					1.7	10.1002/dac.6005

3917	Bakshi K.; Kumar R.; Setia H.; Vinila Jinny S.	Advancements in Heart Disease Diagnosis: Harnessing Predictive Modeling Techniques for Cardiovascular Health Management	Advances in Public Health	2024					1.7	10.1155/2024/5300908
3918	Jayanandan T.; Alex Z.	A Miniaturized Embedded Frequency Selective Surface-Based EMI Shield for Microwave Ovens	International Journal of Communication Systems	0	0	0	0		1.7	10.1002/dac.6062
3919	Sivasankar S.; Markkandan S.	A Review on Intelligent Reflecting Surfaces: Challenges and Opportunities Towards Secured Communications	International Journal of Communication Systems	0	0	0	0		1.7	10.1002/dac.6024
3920	Verma A.K.; Saurabh P.; Shah D.M.; Inturi V.; Sudha R.; Rajasekharan S.G.; Soundrapandiyam R.	A wavelet and local binary pattern-based feature descriptor for the detection of chronic infection through thoracic X-ray images	Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine	238	45973	1133	1145		1.7	10.1177/09544119241293007
3921	Premanand V.; Arulalan V.; Kumar D.	Multiple moving object classification and tracking using DenCNN classifier	Journal of Intelligent and Fuzzy Systems	46	45783	11311	11329		1.7	10.3233/JIFS-234840
3922	Rajesh R.; Bagubali A.	Performance Analysis of Reflective Intelligent Surface Assisted Bidirectional Full-Duplex Communication Systems Over Nakagami-m Fading Channels	International Journal of Communication Systems	0	0	0	0		1.7	10.1002/dac.6058

3923	Chatterjee N.; Gupta A.K.; Tiwari S.K.; Mohan K.; Sharma K.	Quantification of Post-monsoon CO2 Degassing Flux from the Headwaters of the Ganga River: Emphasis on Weathering Pattern of the Basin	Aquatic Geochemistry	30	4	287	315	1.7	10.1007/s10498-024-09434-7
3924	Augustine N.; Jose A.; Chinnu V.S.; Rachana R.R.	Unveiling Thrips (Thysanoptera) as Nature's Unsung Pollinators: A Survey From Obligatory Thripophily to Thrips as Supplementary Pollinators	Journal of Applied Entomology	0	0	0	0	1.7	10.1111/jen.13374
3925	Ahmad M.G.; Balamurali M.M.; Chanda K.	A Resilient and Reusable Ion-Tagged Cu(II) Catalyst for the Microwave-Assisted Synthesis of 2-(N-Arylamino)benzothiazoles	Synlett	0	0	0	0	1.7	10.1055/a-2463-4827
3926	Priyanka T.M.C.; Gowrisankar A.; Liang Y.; Cao J.	Dimension analysis for Caputo-fractional derivative of spline fractal interpolation function	International Journal of Computer Mathematics	0	0	0	0	1.7	10.1080/00207160.2024.2435014
3927	Rayan R.A.; Suruliandi A.; Raja S.P.	Modified mutual information feature selection algorithm to predict COVID-19 using clinical data	Computer Methods in Biomechanics and Biomedical Engineering	0	0	0	0	1.7	10.1080/10255842.2024.2429012
3928	Hemnath N.; Saha S.; Bhushan A.	The non-autonomous perturbed potential Kadomtsev-Petviashvili equation: its integrability, kinky-quasiperiodic, kink-like breather, lump-kink solutions with mixed backgrounds	International Journal of Computer Mathematics	0	0	0	0	1.7	10.1080/00207160.2024.2435017

3929	Thomas A., Rufus E.	Should active hand movements be included when using a single cell sliding braille display?	Sadhana - Academy Proceedings in Engineering Sciences	49	1			1.6	10.1007/s12046-023-02374-y
3930	Sekaran P.D., Marimuthu R.	An Extensive Analysis of Dye-Sensitized Solar Cell (DSSC)	Brazilian Journal of Physics	54	1			1.6	10.1007/s13538-023-01375-w
3931	Patel M.S., Besekar A., Annamalai S., Kumar M.S., Jain R., Immanuel R.J.	Role of Nickel Particulate Reinforcement on Microstructure and Mechanical Performance of AZ31 Magnesium Composite	Transactions of the Indian Institute of Metals					1.6	10.1007/s12666-023-03192-w
3932	Rajagopal Reddy N., Sharief Basha S., Ramesh O., Tarakaramu N., Ahmad H., Askar S., Sivajothi R.	An assessment of fertilizer spraying drones based on hesitancy fuzzy similarity measures for sustainable green development	AIP Advances	14	1			1.6	10.1063/5.0177649
3933	Niyogi S., Sen Gupta B.	Effect of Cyclic Pure Shear on the Structural Transformation and Pore Size Redistribution of Athermal Porous Glasses	Journal of Statistical Physics	191	1			1.6	10.1007/s10955-023-03219-y
3934	Krishnan M.P.A., Momeen M.U.	Verifying institutionally developed hybrid 3D-printed coaxial cylindrical phantom for patient-specific quality assurance in stereotactic body radiation therapy of hepatocellular carcinoma	Radiological Physics and Technology					1.6	10.1007/s12194-023-00769-4

3935	Saha S., Bora S.N.	Analysis of Wave Force and Run-Up Acting on an Impermeable Vertical Circular Cylinder Surrounded by Multiple Thick Porous Layers	Journal of Offshore Mechanics and Arctic Engineering	146	3			1.6	10.1115/1.4063497
3936	Indulal C.R., Sruthy S., Binoy L., Ravikumar R., Gani W.	Lanthanum Oxide-Barium Oxide Nanofluid with Enhanced Thermal Engineering Application	Brazilian Journal of Physics	54	2			1.6	10.1007/s13538-024-01422-0
3937	Mahalakshmi N., Meera S.R., Vinitha G., Parthasarathy M.	Synthesis, Growth, Photoluminescence, Thermal, and Third-Order Nonlinear Optical Properties of Glycine Methyl Ester Hydrochloride Single Crystal for Opto-Electronic Applications	Brazilian Journal of Physics	54	2			1.6	10.1007/s13538-024-01420-2
3938	Pichandi R., Gupta N.S., Rajendran C.	CoCAT: a new similarity coefficient for solving the machine-part cell formation problem	Sadhana - Academy Proceedings in Engineering Sciences	49	1			1.6	10.1007/s12046-023-02369-9
3939	Geethika E., Ravikanth G., Siva R.	Impacts of climate change on the distribution of Phyllanthus emblica Linn across Southeast Asia: identifying critical variables that determine the distribution of a medicinally important tree	Tropical Ecology					1.6	10.1007/s42965-024-00331-2

3940	Janaki S., Prabakar S.	Examining socioeconomic factors influencing maternal health in pregnancy	Journal of Human Behavior in the Social Environment					1.6	10.1080/10911359.2024.2310272
3941	Musthafa B., Asokan M.A.	Influence of Fuel Filterability, Performance, and Emission Characteristics of Dual Biodiesel Mixture with Diesel Blends in Compression Ignition Engine	International Journal of Automotive Technology					1.6	10.1007/s12239-024-00040-8
3942	Senthilraj K., Rajamurugan G.	Effect of Al ₂ TiO ₅ Particle on the Temperature Distribution of Friction Stir Welded Dissimilar Aluminium Composites Using Response Surface Methodology	Transactions of the Indian Institute of Metals					1.6	10.1007/s12666-023-03255-y
3943	Mummadi R.S.R., Shaik K.	Structural, Optical, and Electrical Properties of Cu-Doped ZnS Nanoparticles Prepared by Solid-State Reaction	Brazilian Journal of Physics	54	3			1.6	10.1007/s13538-024-01457-3
3944	Nikhil U.V., Stamenkovic Z., Raja S.P.	A study of elliptic curve cryptography and its applications	International Journal of Image and Graphics					1.6	10.1142/S0219467825500627
3945	Shankar S., Srinivasan C., Sathiavelu M.	Anti-diabetic activity of Calathea anulque	Bangladesh Journal of Pharmacology	19	1	39	41	1.6	10.3329/bjp.v19i1.70296

3946	Wan S., Ma P., Yang H., Zhang N., Fang Y., Jia Y., Prashanth K.G.	Research Progress on Composition Design of Multicomponent Eutectic High Entropy Alloys	Transactions of the Indian Institute of Metals					1.6	10.1007/s12666-023-03247-y
3947	Chakraborty S., Paul U., Banerjee S., Saha D., Banerjee S.	An integrated approach to understand the regulatory role of miR-27 family in breast cancer metastasis	BioSystems	238				1.6	10.1016/j.biosystems.2024.105200
3948	Devadason J.R., Hepsiba P.S., Solomon D.G.	Case studies on the applications of the artificial bee colony algorithm	Sadhana - Academy Proceedings in Engineering Sciences	49	2			1.6	10.1007/s12046-024-02498-9
3949	Fusic S J., Sugumari T., Giri J., Makki E., Sitharthan R., Murugesan S., Bhowmik A.	Momordica charantia leaf disease detection and treatment using agricultural mobile robot	AIP Advances	14	4			1.6	10.1063/5.0190928
3950	Sabnam S., Rajagopal S.	Application of generative adversarial networks in image, face reconstruction and medical imaging: challenges and the current progress	Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization	12	1			1.6	10.1080/21681163.2024.2330524
3951	Ghosh S.	A study on the fractional Black–Scholes option pricing model of the financial market via the Yang-Abdel-Aty-Cattani operator	Engineering Computations (Swansea, Wales)					1.6	10.1108/EC-08-2023-0452

3952	Balamurugan M., Balamurugan R.	Double attention Res-U-Net-based Deep Neural Network Model for Automatic Detection of Tuberculosis in Human Lungs	International Journal of Image and Graphics					1.6	10.1142/S0219467825500731
3953	Sreeram A., Kathirvelan J.	Design and development of ethylene gas sensor for non-destructive analysis of food quality: an updated review	Sensor Review					1.6	10.1108/SR-09-2023-0401
3954	Vivek J., Venkatesh S N., Mahanta T.K., V S., Amarnath M., Ramteke S.M., Marian M.	Wear particle image analysis: feature extraction, selection and classification by deep and machine learning	Industrial Lubrication and Tribology					1.6	10.1108/ILT-12-2023-0414
3955	Kanekal D., Sabhapandit E., Jindal S.K., Patil H.Y.	Formulation analysis and follow-up study of multi-turn configuration for performance enhancement of MEMS piezoresistive pressure sensor utilized for low-pressure measurement applications	Sensor Review					1.6	10.1108/SR-02-2024-0115
3956	Shah R., Venkatesh N.S., Balaji P.A., Sugumaran V.	Weightless Neural Network-Based Fault Diagnosis in Suspension System [ДИЈАГНОСТИКА КВАРОВА ЗАСНОВАНА НА БЕСТЕЖИНСКОЈ НЕУРОНСКОЈ МРЕЖИ У СИСТЕМУ ВЕШАЊА]	FME Transactions	52	1	115	127	1.6	10.5937/fme2401115S

3957	Dhanushkodi K., Vinayagasundaram P., Anbalagan V., Subbaraj S., Sethuraman R.	TriKSV-LG: a robust approach to disease prediction in healthcare systems using AI and Levy Gazelle optimization	Computer Methods in Biomechanics and Biomedical Engineering					1.6	10.1080/10255842.2 024.2339479
3958	Shootha D., Tripathi D., Singh M., Rawat P., Srivastava P., Kumar D.	Comparative study of phytochemicals and pharmacological properties of different parts of Berberis sikkimensis (C. K. Schneid.) Ahrendt	Biochemical Systematics and Ecology	115				1.6	10.1016/j.bse.2024. 104850
3959	Jacily J.S., Brintha T.A.	Curvelet transform based myelin quantification from real time clinical data	Sadhana - Academy Proceedings in Engineering Sciences	49	2			1.6	10.1007/s12046-024- 02469-0
3960	Haq A., Sukavanam N.	Controllability of nonlinear fractional integrodifferential systems involving multiple delays in control	International Journal of Optimization and Control: Theories and Applications	14	1	1	11	1.6	10.11121/ijocta.142 8
3961	ShunmugaSundaram P., Shanmugam R., Elangovan A., Chandrasekhar L.B., Gurushankar K., Arivazhagan G.	Structural and Optical Studies on Cr-Doped ZnS Nanoparticles Prepared by Flat Co-precipitation Method	Brazilian Journal of Physics	54	4			1.6	10.1007/s13538-024- 01465-3

3962	Atheequ A M., Basha S.S., Pratyusha N., Reddy C.R., Alam M.N., Ahmad H., Tarakaramu N., Sreenivasulu K.	The application of cosine similarity measures with Laplacian energy to q-rung orthopair fuzzy graphs in decision-making problems	AIP Advances	14	5			1.6	10.1063/5.0202907
3963	Rout S., Das S.	A robust modified adaptive extended Kalman filter for state- of-charge estimation of rechargeable battery under dynamic operating condition	Electrical Engineering					1.6	10.1007/s00202-024-02523-4
3964	Sasithradevi A., Challa R.T., Saketh S., Chakka S., Perumal D.A., Prakash P.	Deep dual domain joint discriminant feature framework for emotion based music player	International Journal of System Assurance Engineering and Management					1.6	10.1007/s13198-024-02382-z
3965	Arularasan A., Venkataramani K., Venkatachalam Rajarajan B., Jeyaraman S., Kumar A., Kannan R.	Simulation performance of inkjet-printed polyaniline–graphene oxide nanocomposite based gas sensor	Microsystem Technologies					1.6	10.1007/s00542-024-05661-8
3966	Arun V., Stonier A.A., Peter G., Vignesh K.E., Shahila D.F.D.	9–Level switched capacitor–high-voltage gain boosting inverter (SC-HVGBI) topology with reduced voltage stress	Electrical Engineering					1.6	10.1007/s00202-024-02491-9
3967	Kannan K., Asish A., Jena B.	An insight into the design of a graded channel gate-all-around (GAA) MOSFET for biosensing applications	Microsystem Technologies					1.6	10.1007/s00542-024-05642-x

3968	Sudharsan J.B., Punithavelan N., Thamanna Begum K., Chandrasekhar D., Karthikeyan R.	Cobalt based new ferromagnetic quaternary Heusler alloys for spintronic applications: an ab-initio study	Indian Journal of Physics					1.6	10.1007/s12648-024- 03279-0
3969	Bhowmik P., Saha S., Bagchi S., Sarker K., Rout P.K., Guerrero J.M.	A novel dual-layer cascaded torque control mechanism for the improved drivetrain performance for electric vehicles	Electrical Engineering					1.6	10.1007/s00202-024- 02570-x
3970	Ibrar Jahan M.A., Honungar R.V., Nandhini V.L., Malini V.L., Vohra H., Balaji V.R., Royc S.K.	Deciphering the sensory landscape: a comparative analysis of fiber Bragg grating and strain gauge systems in structural health monitoring	Journal of Optics (India)					1.6	10.1007/s12596-024- 02001-x
3971	Kanna P.R., Satheesh A., Arumugam S.K., Öztop H.F., Devi N.R.	Double-Diffusive Natural Convection in L-Shaped Cavity by Lattice Boltzmann Method: Numerical Study	Heat Transfer Engineering					1.6	10.1080/01457632.2 024.2378561
3972	Bagchi S., Chakraborty R., Bhowmik P., Das P.	Instantaneous power theory- fuzzy intelligent controller (IPT-FIC) based improved low voltage ride-through strategy for grid connected photovoltaic system	Microsystem Technologies					1.6	10.1007/s00542-024- 05715-x

3973	Harini R., Indhira K.	Meta heuristic optimization of a batch arrival retrial queue with optional re-service and M-optional vacations	International Journal of System Assurance Engineering and Management					1.6	10.1007/s13198-024-02418-4
3974	Sah M., Ascoli A., Tetzlaff R., Rajamani V., Budhathoki R.K.	Modeling Excitable Cells with Memristors	Journal of Low Power Electronics and Applications	14	2			1.6	10.3390/jlpea14020031
3975	Nivethitha V., Sivasubramanian A.	Performance analysis of photonic crystal ring resonator demultiplexer in DWDM system	Journal of Optics (India)					1.6	10.1007/s12596-024-01961-4
3976	Kumar T.S., Hazarika A., Srinivas P.S.T.N., Tiwari P.K., Kumar A.	A machine learning approach to accelerate reliability prediction in nanowire FETs from self-heating perspective	Microelectronics Reliability	161				1.6	10.1016/j.microrel.2024.115484
3977	Saraswathi P., Madeswaran S., Subhavenkadesh S., Vizhi R.E., Babu D.R.	Enhancement of Coercivity in α -Mn(Al) Magnetic Nanopowders Processed by High-Energy Ball Milling	Journal of Superconductivity and Novel Magnetism					1.6	10.1007/s10948-024-06816-4
3978	Shanmugapriya R.S., Vijayakumar V.	On the approximate controllability of second-order stochastic differential systems with hemivariational inequalities with damping	Optimization					1.6	10.1080/02331934.2024.2385647
3979	Sreedhar R., Karunanithi K., Ramesh S., Raja S.P., Pasham N.K.	Optimizing grid connected photovoltaic systems using elementary LUO converter and GWO-RBFNN based MPPT	Electrical Engineering					1.6	10.1007/s00202-024-02637-9

3980	Sah M., Rajamani V., Budhathoki R.K., Somasundaram D., Chowdhury S.M.	The Simplest Memristor Oscillator is blessed with an Edge of Chaos Kernel	Journal of Electrical Engineering and Technology					1.6	10.1007/s42835-024- 02011-6
3981	Prasshanth C.V., Venkatesh S.N., Mahanta T.K., Sakthivel N.R., Sugumaran V.	Deep learning for fault diagnosis of monoblock centrifugal pumps: a Hilbert–Huang transform approach	International Journal of System Assurance Engineering and Management					1.6	10.1007/s13198-024- 02447-z
3982	Kumar M.P., Raju N.V.S., Kumar M.V.S., Gupta G.	Risk assessment and prioritization using fuzzy FMECA: a case study of dumper breakdowns	International Journal of System Assurance Engineering and Management					1.6	10.1007/s13198-024- 02506-5
3983	Sahoo S., Lingaraj V., Vimalraj S.L.S., Pralalathan G., Krishnamoorthi V., Leon M.L., Gopalan A., Upadhyay A., Rashed A.N.Z.	A novel doped broad band solar cell configuration for the optimization of photovoltaic performance for optimum conversion efficiency and fill factor	Journal of Optics (India)					1.6	10.1007/s12596-024- 02255-5
3984	Sasikumar R., Vijayakumar V.	Approximate controllability of damped second-order neutral differential equations with state-dependent delay	International Journal of Control					1.6	10.1080/00207179.2 024.2395316
3985	Ravisankar N.K., Koppolu U.M.K., M M.R., Rajasabai S.P.	High-Temperature Magnetocaloric Properties of Off-Stoichiometric Fe ₃ Al Alloys	Journal of Superconductivity and Novel Magnetism					1.6	10.1007/s10948-024- 06828-0

3986	Jaxline J.B., Dhas D.A., Joe I.H., Vinitha G.	Spectroscopic, quantum chemical calculation and NLO properties of 1,4- benzenedimethanol and its water complexes	Journal of Optics (India)					1.6	10.1007/s12596-024- 02225-x
3987	Rachel J., Devarasan E., Razzaque A., Selvakumar S.	Enhancing biometric system selection: A hybrid AHP- neutrosophic fuzzy TOPSIS approach	BMC Research Notes	17	1			1.6	10.1186/s13104-024- 06903-8
3988	Kalpanapriya D., Shobana Devi N., Mubashir Unnissa M., Fathima D.	Statistical fractal analysis in testing the Hypotheses with imprecise data	MethodsX	13				1.6	10.1016/j.mex.2024. 102945
3989	Varthini S.; Rathnasabapathy M.	Psychometric properties of the Death Reflection Scale - Indian version	MethodsX	13				1.6	10.1016/j.mex.2024. 102970
3990	Kavya L.; Karuna Y.; Saritha S.; Prakash A.J.; Patro K.K.; Sahoo S.P.; Tadeusiewicz R.; Pławiak P.	A REVIEW OF SHOCKABLE ARRHYTHMIA DETECTION OF ECG SIGNALS USING MACHINE AND DEEP LEARNING TECHNIQUES	International Journal of Applied Mathematics and Computer Science	34	3	485	511	1.6	10.61822/amcs- 2024-0034
3991	Kumar B.P.; Vinod A.; Jena B.; Arivarasi A.; Bahadur J.	Analytical modeling of STFET biosensor using modulated dielectric for ultrasensitive detection of biomolecules	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	37	5			1.6	10.1002/jnm.3291

3992	Jha A.; Ray D.; Sarkar D.U.; Prakash T.; Dewangan N.K.	Bidirectional long-short-term memory-based fractional power system stabilizer: Design, simulation, and real-time validation	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	37	5			1.6	10.1002/jnm.3300
3993	Gajula R.B.; Jindal S.K.	Optimal design parameter estimation and analytical investigation of MEMS quadruple touch mode capacitive pressure sensor	Sensor Review					1.6	10.1108/SR-06-2024-0534
3994	Kumar C.R.; Kanna P.R.; Boopalan V.; Jose J.; Arumugam S.K.; Taler D.; Sobota T.; Taler J.	Numerical Study of Sputter Deposited Ultra-Low Loaded Effective Platinum Electrocatalyst Utilization in Proton Exchange Membrane Fuel Cell	Heat Transfer Engineering					1.6	10.1080/01457632.2024.2416282
3995	Vaishnavi S.; Prabhakar V.	Spline-fitted measured spectrum as input for the evaluation of nonlinear energy transfer rate and its validation through accurate estimation of wave energy flux	Journal of Ocean Engineering and Marine Energy					1.6	10.1007/s40722-024-00348-8
3996	Rekha S.; Sreeja V.G.; Vinitha G.; Anila E.I.	A Comparative Study of the Nonlinear Optical Properties of CaO Nanoparticles and rGO-CaO Nanocomposites	Indian Journal of Physics					1.6	10.1007/s12648-024-03443-6

3997	Sasikumar R.; Vijayakumar V.	A note on the approximate controllability of damped second-order differential inclusions with state-dependent delay	Optimization					1.6	10.1080/02331934.2024.2413012
3998	Kumar M.S.; Hussain D.M.; Rohini M.; Manoj S.O.	Advanced Hybrid Optimization Algorithms for Energy Efficient Cloud Resource Allocation	Radio Science	59	11	0	0	1.6	10.1029/2024RS008012
3999	Jayakumar N.; Varghese J.; Biju A.; Italiya G.; Sivakumar N.; Subramanian S.	Antimony and arsenic detection: review on electrochemical biosensors and their applications	Water Practice and Technology	19	10	4062	4090	1.6	10.2166/wpt.2024.246
4000	Gothawal D.B.; Nagaraj S.V.	Hybrid secure routing and monitoring mechanisms in IoT-based wireless sensor networks using Egret-Harris optimization	Information Security Journal	34	1	88	113	1.6	10.1080/19393555.2024.2419124
4001	Chakraborty A.; Mishra A.; Singh I.; Ahmad S.; Khan M.J.; Sharma D.; Alkhayyat A.; Gupta S.	Optimal Design of Smart Antenna Arrays for Beamforming, Direction Finding, and Null Placement Using the Soft Computing Method	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	37	6	0	0	1.6	10.1002/jnm.3302
4002	Rout A.K.; D S.; S N.; Ponnada S.	Segmentation and classification of brain tumor using Taylor fire hawk optimization enabled deep learning approach	Electromagnetic Biology and Medicine	43	4	337	358	1.6	10.1080/15368378.2024.2421202
4003	Parveen A.; Radhakrishnan V.	Sign, Signifier and Signified in Schrödinger's box	MethodsX	13	0	0	0	1.6	10.1016/j.mex.2024.103047
4004	Seenivasan R.; Paul P.	Turing patterns in exploited predator-prey systems with habitat loss	European Physical Journal B	97	11	0	0	1.6	10.1140/epjb/s10051-024-00815-z

4005	Beyanagari S.R.; Sivalingam A.; Kandasamy J.; Katiyar J.K.	Influence of 2D solid lubricants on mechanical and tribological behaviour of Al 7XXX series metal matrix composites: A comprehensive review	Tribology - Materials, Surfaces and Interfaces	18	3	145	170	1.6	10.1177/17515831241 265341
4006	Vijiyakumar N.; Prince S.E.	A comprehensive review of cadmium-induced toxicity, signalling pathways, and potential mitigation strategies	Toxicology and Environmental Health Sciences	0	0	0	0	1.6	10.1007/s13530-024- 00243-7
4007	Mokesh Rayalu G.; Radhika K.S.R.; Anitha Kumari D.; Botta V.K.R.; Padmaja G.; Hussain M.A.	ADAPT: an AI-Driven approach for arrhythmia detection in diabetic patients	International Journal of System Assurance Engineering and Management	0	0	0	0	1.6	10.1007/s13198-024- 02619-x
4008	Mukkamala Y.; Dirker J.	New Two-Phase Multiplier Model for Phase-Change Flows in Plate Heat Exchangers	Heat Transfer Engineering	0	0	0	0	1.6	10.1080/01457632.20 24.2427314
4009	Elarmathi S.; Rishabavarthani P.; Sindhuja M.; Elayaraja P.; Murugesan M.; Kumarganesh S.; Sagayam K.M.; Pandey B.K.; Pandey D.	Novel manufacturing systems for cancer diagnosis using ultra- sensitive photonic crystal fiber biosensor with dual- functionalized aptamer- nanocavity	Microsystem Technologies	0	0	0	0	1.6	10.1007/s00542-024- 05820-x
4010	Swaminathan A.; Rathnasabapathy M.	Role of intuition on problem solving style? Mediating effect of mindfulness	MethodsX	13	0	0	0	1.6	10.1016/j.mex.2024.1 03067

4011	Kari V.; Amalanathan G.M.	Targeted prevention of risky deals for improper granular data with deep learning	International Journal of System Assurance Engineering and Management	0	0	0	0	1.6	10.1007/s13198-024-02646-8
4012	Ishtiyag Nadeem V., Waheed K., Fathima M.S A.	Financial inclusion of Muslim minority in Vellore, Tamil Nadu	Economic Notes	53	1			1.5	10.1111/ecno.12232
4013	Mohanasundaram P., Sankaran S., Mathivanan D., Kamaraj C., Mary Saral A.	Hydroalcoholic extract: A potential source from Azadirachta indica a Juss flower for DNA and BSA binding, scavenging, fungicidal, and larvicidal activities	Journal of Phytopathology	172	1			1.5	10.1111/jph.13269
4014	Thulasiraman J., Alex Z.C.	Ultrathin and conformal frequency selective surfaces bandpass filter to eliminate the 5G bands on radio altimeters	Microwave and Optical Technology Letters	66	1			1.5	10.1002/mop.34001
4015	Vinayagam K., Natarajan R.	Design of multiband frequency reconfigurable antenna with switchable polarization states	Microwave and Optical Technology Letters	66	2			1.5	10.1002/mop.34057
4016	Inbarani J., Manikandan E.	Comparative analysis of X-band FSS fabricated by inkjet printing and conventional etching technique	Microwave and Optical Technology Letters	66	2			1.5	10.1002/mop.34080

4017	Asaithambi R., Kumar R.	Design and Implementation of Novel H -Shaped Self-Diplexing SIW Rectangular Cavity-Backed Antenna with Harmonic Suppression for Terrestrial Communications	International Journal of Antennas and Propagation	2024					1.5	10.1155/2024/6618202
4018	Chitra B., Kumar S.S., Subbulekshmi D.	Prediction Models Applying Convolutional Neural Network based Deep Learning to Cervical Cancer Outcomes	IETE Journal of Research						1.5	10.1080/03772063.2024.2305831
4019	Gayathri S.V., Subbulekshmi D.	An Extensive Review of MR Sensors with Design and Characteristic Evaluation of Three-layered TMR Sensor	Current Nanoscience	20	4	447	458		1.5	10.2174/1573413719666230511145554
4020	Natarajan R., Sivasamy R., Gunasekar A.	A compact polarization independent stop band frequency-selective surface for WLAN shielding	Microwave and Optical Technology Letters	66	3				1.5	10.1002/mop.34097
4021	Munusami C., Venkatesan R.	Isolation enhancement of distinct element dual polarized compact MIMO antenna for 5G/WLAN application	Microwave and Optical Technology Letters	66	3				1.5	10.1002/mop.34088
4022	Anusha K., Ajay P., Ramesh M., Muthukumaran N., Rajeshkumar C., Sangeetha K., Rajeshkumar G., Ahilan A.	HOEEACR: Hybrid Optimized Energy-Efficient Adaptive Clustered Routing for WSN	IETE Journal of Research						1.5	10.1080/03772063.2023.2298510

4023	Suganya A., Natarajan R.	Design of miniaturized 2.5D frequency selective surface for X- and Ku-band applications	Microwave and Optical Technology Letters	66	4			1.5	10.1002/mop.34129
4024	Thaiparambil N.A., Raja B., Radhakrishnan V., Raja S., K R., U-taynapun K., Chirapongsatonkul N.	Exploring the impact of formulated bacterial consortia on the growth of Solanum lycopersicum; towards sustainable biofertilizer development	Biologia					1.5	10.1007/s11756-024-01663-z
4025	Chithra T.V., Karthikeyan K., Mansoor Hussain D., Muthukumaran N.	Energy Aware Reliable Sleep Wakeup based Clustering Scheme in WSN	IETE Journal of Research					1.5	10.1080/03772063.2024.2310114
4026	Karimullah T.B., Shobana Priyanka D., Srinivasan M., Punithavelan N.	Investigation of the Structural, Mechanical, Electronic, Magnetic, and Thermoelectric Properties of Half Heusler Alloys ZrMnX (X = As, Sb, Te): A DFT-Based Simulation	Crystal Research and Technology					1.5	10.1002/crat.202300166
4027	Natarajan K., Sricharan R., Thriambak M., Banu A.J., Prathiba A., Kanchana Bhaaskaran V.S.	Power Attack Vulnerability Assessment of Circuit-Level PRESENT Encryption IP Using Artificial Intelligence Mechanisms	Journal of Circuits, Systems and Computers					1.5	10.1142/S0218126624502451
4028	Sony P., Siva Shanmugam G., Nagarajan S.	Enhancement of Semantic Interoperability in Healthcare Systems Using IFClOT Architecture	KSII Transactions on Internet and Information Systems	18	4	881	902	1.5	10.3837/tiis.2024.04.004

4029	Jeyaraj P.R., Albert B.K., Jothimani G., Chellachi Kathiresan A., Subramaniam S.K.	Data-Driven SiC MOSFET Active Gate Driving for 380V/3A LVDC System Protection Employing Recurrent Deep Neural Network	Electric Power Components and Systems					1.5	10.1080/15325008.2024.2356045
4030	Rathish C.R., Manojkumar B., Thanga Mariappan L., Ashok P., Arun Kumar U., Balan K.	Enhanced channel prediction in large-scale 5G MIMO-OFDM systems using pyramidal dilation attention convolutional neural network	Internet Technology Letters					1.5	10.1002/itl2.532
4031	Siva K., Visuvasam J.	An Optimally Designed Cold-Formed Steel Beam Thickness Selection for Reducing Web-Crippling Smartly	International Journal of Steel Structures					1.5	10.1007/s13296-024-00833-8
4032	Dar K.H., Raina S.H., Ahmad M.	Evaluating the Efficiency in MGNREGA During COVID-19 Pandemic: An Interstate Analysis Using Data Envelopment Analysis	Indian Journal of Labour Economics					1.5	10.1007/s41027-024-00485-6
4033	Sai S A., Sridharan N.V., Chakrapani G., Sugumaran V.	Deep learning based fault detection of automobile dry clutch system using spectrogram plots	Engineering Research Express	6	2			1.5	10.1088/2631-8695/ad4771
4034	Maiti M., Priyaadharshini M.	Evaluation of the experiences of learners and facilitators with ICT within the realm of higher education	Cogent Education	11	1			1.5	10.1080/2331186X.2024.2355377

4035	Navin K.S., Khanna Nehemiah K., Jane N.Y., Arputharaj K.	Clinical Dataset Classification Using Feature Ranking And Satin Bower Bird Optimized SVMs	Computer Journal	67	5	1993	2006	1.5	10.1093/comjnl/bxad118
4036	John R.A.B., Vijayan K., Joshi H.	An in-Depth Analysis on the Cumulative Effect of Co and Sintering Temperatures on the Formaldehyde Sensing Attributes of NiO	Sensing and Imaging	25	1			1.5	10.1007/s11220-024-00483-4
4037	Saravanan K., Albert J.R., Albert Alexander S.	Enhancing energy efficiency in power looms: utilizing regression machine learning for electrokinetic energy assessment	Journal of the Textile Institute					1.5	10.1080/00405000.2024.2365753
4038	Yesodha K., Viswanathan S., Krishnamurthy M., Kannan A.	Multi-lingual encryption technique using Unicode and Riemann zeta function and elliptic curve cryptography for secured routing in wireless sensor networks	Concurrency and Computation: Practice and Experience					1.5	10.1002/cpe.8159
4039	Gupta A., Singh A., Ranganayakulu S.V., Sharma A., Dutt S., Sundramoorthy A.K., Arya S.	Vanadium(IV) Oxide Nanoparticle-Based Modified Conductive Fabric for Efficient Electrochemical Sensing of Hydrogen Peroxide	Brazilian Journal of Physics	54	5			1.5	10.1007/s13538-024-01525-8

4040	Geethika E., Ramamoorthy S., Ravikanth G.	Does long-term harvesting impact genetic diversity and population genetic structure? A study of Indian gooseberry (Phyllanthus emblica) in the Central Western Ghats region in India	Plant Systematics and Evolution	310	4			1.5	10.1007/s00606-024-01906-1
4041	Raman M., Jeedigunta N.V.R., Krishnan G., Karpurapu S., Jain K.	Green intellectual capital and entrepreneurial orientation enabling environmental performance: mediating role of innovation capability in Indian manufacturing SMEs	International Journal of Learning and Intellectual Capital	21	3	306	332	1.5	10.1504/IJLIC.2024.138686
4042	Praveen S.M., Rammohan A.	Active and passive cooling techniques of graphical processing units in automotive applications - a review	Engineering Research Express	6	2			1.5	10.1088/2631-8695/ad513b
4043	Sethia P., Nandhini D., Amutha S.	Effects of marine microplastic on marine life and the food webs – A detailed review	Marine Ecology					1.5	10.1111/maec.12819
4044	Ghosh K., Mani V.N.	A Review on the Zone Refining Process Technology toward Ultra-Purification of Gallium for GaAs/GaN-based Optoelectronic Device Applications	Crystal Research and Technology					1.5	10.1002/crat.202300347

4045	Pal S., Upadhyaya B.K., Majumder T., Das N., Bhattacharjee A.	A novel high-performance TG- based SRAM cell with 5 nm FinFET technology	Engineering Research Express	6	2			1.5	10.1088/2631- 8695/ad5812
4046	Gulzar Ahmad M., MM B., Chanda K.	A sustainable approach to microwave assisted synthesis of 2-(het)/arylquinazolin- 4(3H)-ones via ionic liquid supported Cu(II) catalyst	Tetrahedron Letters	146				1.5	10.1016/j.tetlet.202 4.155182
4047	Shanmugapriya R.S., Kavitha Williams W., Panda S.K., Vijayakumar V., Thilagavathi K.	Approximate controllability results for second-order non- local neutral impulsive differential inclusions with damping	Journal of Control and Decision					1.5	10.1080/23307706.2 024.2370877
4048	Biswas R., Swetha R.G., Basu S., Roy A., Ramaiah S., Anbarasu A.	Designing multi-epitope vaccine against human cytomegalovirus integrating pan-genome and reverse vaccinology pipelines	Biologicals	87				1.5	10.1016/j.biologicals .2024.101782
4049	Sravani T., Ramani P.V., Anbu M.	Developing a low carbon brick for residential building construction	Proceedings of the Institution of Civil Engineers: Engineering Sustainability					1.5	10.1680/jensu.23.00 065
4050	Priya S., Priyadarshini N., Ilayaraja P.	Diglycolamic acid coated TiO ₂ microspheres for efficient uptake of uranium (VI) from aqueous solutions	Journal of Radioanalytical and Nuclear Chemistry					1.5	10.1007/s10967-024- 09622-3

4051	Shayf A.A.A., Abdullah M., Tabash M.I., Saleem S., Chaudhary A., Ali A., Shamsi M.A.	Evaluating the financial reporting quality under changes in accounting standards of the Indian textile sector	Research Journal of Textile and Apparel					1.5	10.1108/RJTA-12-2023-0130
4052	Arun Prakash S., Gokul Kumar K.	Failure evaluation on tailor made aerospace aluminum alloys via underwater friction stir welding employing predictive machine learning technologies	Engineering Research Express	6	3			1.5	10.1088/2631-8695/ad5f05
4053	Tile P.S., Thomas B.	Influence of Graphene/h-BN and SiC/h-BN reinforcing particles on microstructural, mechanical and tribological characteristics of Al7075-based hybrid nanocomposites	Engineering Research Express	6	2			1.5	10.1088/2631-8695/ad594c
4054	Pitchumani S.V., Suthenthiraveerappa V., Gopalan V., Loganathan T.G., Narasingamurthi K., Sampath A.	Mechanical and vibration characteristics of hybrid natural fibre-reinforced composite using taguchi grey relational analysis	Engineering Research Express	6	2			1.5	10.1088/2631-8695/ad5640
4055	Bag K., Mundra M.P., Sadashiv P.S., Sudarshan B.S., Arunkumar G.	Modeling, design and validation of DC-DC landsman converter for low-power electric vehicle battery charging applications	Engineering Research Express	6	3			1.5	10.1088/2631-8695/ad5e35

4056	Fahira Haseen S., Lakshmi P., Elumalai V.K.	Novel HCOB3C Optimization Based Fuzzy Logic Controller Design for Experimental Active Suspension System	Iranian Journal of Science and Technology - Transactions of Electrical Engineering					1.5	10.1007/s40998-024- 00746-6
4057	Geetha G., Geethanjali P.	Pattern classification of bearing faults in PMSM based on time domain feature ensembles	Engineering Research Express	6	3			1.5	10.1088/2631- 8695/ad5f06
4058	Jacob C., Masilamani U.S.	Performance evaluation of different machine learning algorithms for prediction of nitrate in groundwater in Thiruvannamalai District	Clean - Soil, Air, Water					1.5	10.1002/clen.20240 0060
4059	S P., Ghosh G., Gupta P.K., Kumar V., Paramasivam P.	The effect of openings in URM infills on the seismic resilience of a reinforced concrete building	Journal of Asian Architecture and Building Engineering					1.5	10.1080/13467581.2 024.2378002
4060	Joseph Gnanaraj S., Vasugi K.	A comprehensive review of hydrophobic concrete: surface and bulk modifications for enhancing corrosion resistance	Engineering Research Express	6	3			1.5	10.1088/2631- 8695/ad5d55
4061	Krithika L.B., Vishnu S., Kotei E., Gadde A., Kothamasu G.A., Nallabantu S.C., Guruprakash J.	AI and the next medical revolution: deep learning's uncharted healthcare promise	Engineering Research Express	6	2			1.5	10.1088/2631- 8695/ad56fc

4062	Kiran Kolluri S.S., Ananiah Durai S.	Wearable micro-electro-mechanical systems pressure sensors in health care: Advancements and trends—A review	IET Wireless Sensor Systems					1.5	10.1049/wss2.12084
4063	Balachandran K.P., Bhuvaneshwari M.	'I may have to give up on my career.' Breadwinners or caregivers? Exploring the complexities of work-family conflict among parents of children with neurodevelopmental disabilities	International Journal of Developmental Disabilities					1.5	10.1080/20473869.2024.2394733
4064	Kumar C.V., Rajyalakshmi G.	Corrosion resistance of hybrid plasma electrolytic oxidation coatings on AZ31B magnesium alloy in simulated body fluid	Corrosion Engineering Science and Technology	59	3	205	219	1.5	10.1177/1478422X241240369
4065	Rishvanth S.K., Sailesh M., Jain S., Ghosh A., Dutta C., Arulalan K.V., Selvakumar K., Prasanth N.	Device to Measure Respiratory Rate in Children, in Resource Poor Settings	Sensing and Imaging	25	1			1.5	10.1007/s11220-024-00499-w
4066	Vineeth V.K., Patel D.K.	Dynamic wake behavior and aerodynamic characteristics of a custom airfoil under combined pitching and heaving motion	International Journal of Modern Physics C					1.5	10.1142/S0129183124501791

4067	Krishnasamy P., Goudilyan M., Kannan C., Rajamurugan G., Ahamed M A., Krishna R., Vishwas R.	Effect of hybrid conductive fillers coating on woven jute fiber and its characterization	Engineering Research Express	6	3			1.5	10.1088/2631- 8695/ad68ca
4068	Jesbin Jebarshia J., Ashokan S., Senthil K.	Enhanced Electron-accepting Properties in Polyaniline, Tungsten, and Polymer Nanocomposites	Brazilian Journal of Physics	54	5			1.5	10.1007/s13538-024- 01557-0
4069	Pavithra E., Kannadasan S., Shanmugam P.	I2/CAN as an efficient reagent for the direct oxidation of tertiary Csp ³ -H to Csp ³ -OH: Synthesis of bis(N-methyl-7- azaindol-3-yl) (phenyl) methanol from 3,3'-(phenyl methylene)-bis(N-methyl-7- azaindole)	Tetrahedron Letters	148				1.5	10.1016/j.tetlet.202 4.155239
4070	Om Kumar C.U., Marappan S., Murugesan B., Beulah P.	Intrusion Detection for Blockchain-Based Internet of Things Using Gaussian Mixture–Fully Convolutional Variational Autoencoder Model	International Journal of Network Management					1.5	10.1002/nem.2295
4071	Dar K.H., Raina S.H.	Public healthcare efficiency in India: Estimates and determinants using two stage DEA approach	Evaluation and Program Planning	106				1.5	10.1016/j.evalprogpl an.2024.102472

4072	Mehaney A., El-Sherbeeny A.M., Aly A.H., Nayak C., Suthar B., Al Zoubi W., Abukhadra M.R., Elsayed H.A.	The One-Dimensional Gyroidal Superconductor Photonic Crystals Based Cutoff Frequency Tunability for THz Applications	Brazilian Journal of Physics	54	5			1.5	10.1007/s13538-024-01577-w
4073	Suresh S., Nawaz Khan F.R.	Urea-based DES as an amine source to access nitrogen-containing heterocycles	Tetrahedron Letters	148				1.5	10.1016/j.tetlet.2024.155224
4074	Joseph A., Jose T.P.	Coping with Distress and Building Resilience among Emergency Nurses: A Systematic Review of Mindfulness-based Interventions	Indian Journal of Critical Care Medicine	28	8	785	791	1.5	10.5005/jp-journals-10071-24761
4075	Dasari H.A., Rammohan A.	Evaluating fault detection strategies for lithium-ion batteries in electric vehicles	Engineering Research Express	6	3			1.5	10.1088/2631-8695/ad68c7
4076	Rajamurugan G., Rithvik Athithya S., Krishnasamy P., Nadeem A., Kavinkumar L., Elayaraja R.	Mechanical and tribological performance of ramie composite reinforced with perforated Al/Cu foils	Engineering Research Express	6	3			1.5	10.1088/2631-8695/ad6beb
4077	Shekinah Archita S., Ravi V.	Review of memristor based neuromorphic computation: opportunities, challenges and applications	Engineering Research Express	6	3			1.5	10.1088/2631-8695/ad6662

4078	Mohanan A., Chidambaram K.	Synergistic thermal management of lithium-ion batteries in electric two-wheelers: Critical analysis and ranking of multifaceted strategies and numerical validation	Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering					1.5	10.1177/09544070241272767
4079	Siddharth M., Rammohan A.	Development and functional testing of battery management system algorithm for an electric bicycle using hardware in the loop testbench	Engineering Research Express	6	3			1.5	10.1088/2631-8695/ad7559
4080	Thanumoorthy R.S., Jadhav S.V., Oyyaravelu R., Bontha S., Balan A.A.S.	Effect of surface remelting on the characteristics of IN718 components fabricated using laser powder directed energy deposition	Engineering Research Express	6	3			1.5	10.1088/2631-8695/ad7196
4081	Raghavulu K.V., Mahidhar Reddy V., Govindha Rasu N., Jani S.P., Sudhakar U., Godara S.S., Kumar A., Bhadauria A., Kaur K., Revathi V.	Optimization and tribological behavior of carbon nano tubes blended with POE oil	Engineering Research Express	6	3			1.5	10.1088/2631-8695/ad7229
4082	Jeyavim Sherin R.C., Parkavi K.	An innovative model for an enhanced dual intrusion detection system using LZ-JC-DBSCAN, EPRC-RPOA and EG-GELU-GRU	IET Communications					1.5	10.1049/cmu2.12831

4083	Priyadharshini A., Vijayakumar V.	Discussion on the existence and controllability of Hilfer fractional stochastic differential equation with non-dense domain	Journal of Control and Decision					1.5	10.1080/23307706.2024.2398533
4084	Gokul G., Udhayakumar R.	Existence and approximate controllability for the Hilfer fractional neutral stochastic hemivariational inequality with Rosenblatt process	Journal of Control and Decision					1.5	10.1080/23307706.2024.2403492
4085	Vinothkumar C., Rajyalakshmi G.	An Analytical Review on the Degradation Mechanisms and Magnesium Alloy Protective Coatings in Biomedical Applications	Transactions of the Indian Institute of Metals					1.5	10.1007/s12666-024-03424-7
4086	Kumaresh D.; Venkatesan S.	The effects of tool rotational speed and post-weld heat treatment of friction stir welded AZ31-B magnesium alloy	Engineering Research Express	6	4			1.5	10.1088/2631-8695/ad80fb
4087	Aharonu M.; Lokesh Kumar R.	Lung cancer classification model using convolutional neural network with feature ranking process	Engineering Research Express	6	4			1.5	10.1088/2631-8695/ad7b9c
4088	Katal N.; Verma P.; Mahapatro S.R.	Optimal and simultaneous synthesis of fractional order QFT controllers and prefilters for non-minimum phase hydro power systems	Engineering Research Express	6	4			1.5	10.1088/2631-8695/ad84a2

4089	Dinesh Kumar P.K.; Darius Gnanaraj S.	Comparative tribological study of the material intended for a lightweight HAMNC brake rotor sliding against NAO brake pad material	Engineering Research Express	6	4			1.5	10.1088/2631-8695/ad82a6
4090	Rout S.; Samal S.K.; Mahapatro S.R.	Estimation of SOC for Li-ion battery-powered three-wheeled electric vehicle using machine learning methods	Engineering Research Express	6	4			1.5	10.1088/2631-8695/ad8063
4091	Parthasarathi N.L.; Jose B.; Davinci M.A.; Arivazhagan N.; Vasudevan M.	Effect of nitrogen on high temperature dry sliding wear of 316L (N) stainless steel	Journal of Mechanical Science and Technology	38	10	5449	5458	1.5	10.1007/s12206-024-0918-y
4092	Dasari H.A.; Rammohan A.	A novel image recognition based fault diagnostics of customized EV battery pack using optimized GoogLeNet	Engineering Research Express	6	3			1.5	10.1088/2631-8695/ad7937
4093	Kumar P.V.; Murugan J.N.	Reduction of the separation bubble size using the pressure feedback channel in supersonic flow across a forward-facing step	International Journal of Modern Physics C					1.5	10.1142/S0129183124502280
4094	Radhakrishnan M.; Premkumar V.J.; Praladhan V.B.; Mukesh B.; Nithish P.	Convolution neural network based multi-class classification of rehabilitation exercises for diastasis recti abdominis using wearable EMG-IMU sensors	Engineering Computations (Swansea, Wales)					1.5	10.1108/EC-02-2024-0114

4095	Manickavasagam S.; Koppolu U.M.K.	First-Principle Investigation of zb-TiGe: A Promising Narrow Bandgap Semiconductor	Physica Status Solidi (B) Basic Research					1.5	10.1002/pssb.20240 0475
4096	Dhanasekaran A.; Perumal I.	Adsorption of aqueous uranium(VI) species on graphitic carbon nitride adsorbent (g- CNA): kinetic, isotherm and thermodynamic studies	Journal of Radioanalytical and Nuclear Chemistry	0	0	0	0	1.5	10.1007/s10967-024- 09869-w
4097	Selvan K.; Balakrishnan S.	Characteristics, implementation, and applications of special perfect entanglers	European Physical Journal D	78	11	0	0	1.5	10.1140/epjd/s10053- 024-00925-4
4098	Vignesh A.R.; Oyyaravelu R.	Effect of high pressure-low plasticity burnishing on the mechanical and microstructural behaviour of copper foil interlayered FSW aluminium alloys	Engineering Research Express	6	4	0	0	1.5	10.1088/2631- 8695/ad8724
4099	Vignesh G.; Oyyaravelu R.	Enhancing surface integrity of additively manufactured Inconel 718 through numerical modeling of hydrostatic ball burnishing parameters using TOPSIS and ANOVA	Engineering Research Express	6	4	0	0	1.5	10.1088/2631- 8695/ad88d9
4100	Dadhich S.; Upadhyaya V.; Mathur G.; Dwivedi A.D.D.	Fabrication, compact & device modeling of 4H-21DNTT organic thin film transistor	Engineering Research Express	6	4	0	0	1.5	10.1088/2631- 8695/ad8721
4101	Gajula R.B.; Mahata S.; Pingali A.; Jindal S.K.	MEMS capacitive pressure sensor: analysis, theoretical modeling, simulation and performance comparison of the effect of a conical notch	Engineering Research Express	6	4	0	0	1.5	10.1088/2631- 8695/ad8c9e

4102	Geetha G.; Shanthini C.; Geethanjali P.	Non-conventional feature-based LSTM model for prediction of bearing performance degradation	Engineering Research Express	6	4	0	0	1.5	10.1088/2631-8695/ad8d33
4103	Vinutha A.S.; Rajasekaran R.	Unlocking the Potential of Antimicrobial Maximin Peptides From <i>Bombina maxima</i> Against <i>Staphylococcus aureus</i> : Deciphering Their Mode of Action Through a Mimetic Bacterial Membrane Environment	Peptide Science	0	0	0	0	1.5	10.1002/pep2.24384
4104	Ramachandran A.; Sendhil Kumar K.S.	An efficient deep learning model for paddy growth stage classification using neural network pruning on UAV images	Engineering Research Express	6	4	0	0	1.5	10.1088/2631-8695/ad9afe
4105	Karamarathodi N.; Manjusha Binukumar S.; Das S.; Sundararajan S.; Karunakaran K.; Muniyan R.	Computational screening, docking and simulation analysis of phytochemicals from <i>Senna auriculata</i> against multiple targets of <i>Mycobacterium tuberculosis</i>	Indian Journal of Biochemistry and Biophysics	61	11	688	703	1.5	10.56042/ijbb.v61i11.9377
4106	Pradeesh J.; Panda S.K.; Vijayakumar V.; Radhika T.; Chandrasekar A.	Controllability results for Sobolev-type analytic resolvent nonlocal neutral functional integrodifferential inclusions with impulses	Journal of Control and Decision	0	0	0	0	1.5	10.1080/23307706.2024.2445073
4107	Rao M.R.; Sundar S.	Enhanced LoRaWAN performance through advanced spread factor allocation empowered by machine learning	Engineering Research Express	6	4	0	0	1.5	10.1088/2631-8695/ad98e3

4108	Ma Y.-K.; Panda S.K.; Vijayakumar V.	Existence and controllability results for second-order non-autonomous neutral evolution system with hemivariational inequalities	Journal of Control and Decision	0	0	0	0	1.5	10.1080/23307706.2024.2438779
4109	Muniyappan S.; Krishnaiah R.	Experimental and artificial neural network (ANN) study on the impact of three different metal oxide nanoparticle combustion enhancers enriched on mahua biodiesel-diesel fuelled CI engine	Engineering Research Express	6	4	0	0	1.5	10.1088/2631-8695/ad9984
4110	Awasthi T.; Bharti M.S.; Agrawal A.; Gupta G.	Experimental study of physical, mechanical and tribological behaviour of polyester/kota stone dust composite	Engineering Research Express	6	4	0	0	1.5	10.1088/2631-8695/ad9b6e
4111	Ayeswarya S.; John Singh K.	FacekeyID: an adaptive weighted sum score-based fusion framework for continuous user authentication	Engineering Research Express	6	4	0	0	1.5	10.1088/2631-8695/ad85c2
4112	Ramadevi B.; Zafirah N.D.; Bingi K.; Omar M.; Rajanarayan Prusty B.	Fractional-order long short-term memory network for forecasting of solar irradiance	Engineering Research Express	6	4	0	0	1.5	10.1088/2631-8695/ad979e
4113	Boopalan V.; Jishnu Chandran R.; Arumugam S.K.; Rajesh Kanna P.	Investigation of burnout effect in turbine blade tip leakage at transonic conditions: a numerical study	Engineering Research Express	6	4	0	0	1.5	10.1088/2631-8695/ad923a

4114	Rajamurugan G.; Raja P.; Ramakrishnan; Krishna P.; Raj J.; Elayaraja R.	Mechanical and dynamic response of epoxy based pineapple/flax fiber composites reinforced with steel and nylon wire meshes	Engineering Research Express	6	4	0	0	1.5	10.1088/2631-8695/ad9433
4115	Syed Sadiq Nawaz I.; Asokan M.A.	Optimization and experimental investigation of compression ignition diesel engine performance and emission characteristics with gulmohar biodiesel/diesel blends using response surface methodology	Engineering Research Express	6	4	0	0	1.5	10.1088/2631-8695/ad9a3f
4116	Kavitha J.C.; Subitha D.; Nagarajan D.	Self - adaptive canny edge detection with reinforcement learning and dominant texture color patterns for melanoma segmentation and classification in dermoscopic images	Engineering Research Express	6	4	0	0	1.5	10.1088/2631-8695/ad9b00
4117	Pain R.; Dalui S.; Sardar S.; Bandyopadhyay A.	Small amplitude ion-acoustic waves in electron-ion dusty plasma: Landau damping effects of combined Kappa?Cairns distributed electrons	European Physical Journal D	78	12	0	0	1.5	10.1140/epjd/s10053-024-00941-4
4118	Balaji S.; Anbarasu S.; Ramaiah S.; Anbarasu A.	Targeting IKZF1 via HDAC1: Combating Acute Myeloid Leukemia	Integrative Biology	16	0	0	0	1.5	10.1093/intbio/zyae022

4119	Rajasozhaperumal G.; Kannan C.	Towards sustainable machining: an experimental study of eco- friendly MQL and its impact on machinability and future opportunities	Engineering Research Express	6	4	0	0	1.5	10.1088/2631- 8695/ad9889
4120	Durgha Devi L.; Arumugam T.	When brands show a human side, hearts open a wide! Enhancing prosocial behavior through anthropomorphized brand messaging in cause related marketing	Frontiers in Communication	9	0	0	0	1.5	10.3389/fcomm.2024. 1495247
4121	Gokul G., Udhayakumar R.	Approximate Controllability for Hilfer Fractional Stochastic Non-instantaneous Impulsive Differential System with Rosenblatt Process and Poisson Jumps	Qualitative Theory of Dynamical Systems	23	2			1.4	10.1007/s12346-023- 00912-x
4122	Pradeesh J., Vijayakumar V.	Investigating the Existence Results for Hilfer Fractional Stochastic Evolution Inclusions of Order $1 < \mu < 2$	Qualitative Theory of Dynamical Systems	23	1			1.4	10.1007/s12346-023- 00899-5
4123	Williams W.K., Vijayakumar V.	Existence and Approximate Controllability Results for the Second-Order Abstract Neutral Differential System with Damping	Qualitative Theory of Dynamical Systems	23	1			1.4	10.1007/s12346-023- 00898-6

4124	Vivek S., Vijayakumar V.	An Investigation on Existence and Optimal Feedback Control for Fractional Neutral Stochastic Evolution Hemivariational Inequalities	Qualitative Theory of Dynamical Systems	23	1			1.4	10.1007/s12346-023-00881-1
4125	Kostina A., Zhelnin M., Vedernikova A., Bartolomei M., Swaroop S.	Finite-element simulation of residual stresses induced by laser shock peening in TC4 samples structurally similar to a turbine blade	Frattura ed Integrita Strutturale	18	67	1	11	1.4	10.3221/IGF-ESIS.67.01
4126	KalavathiDevi T., Renuka Devi K.S., Umadevi S., Sakthivel P., Ko S.	Low power adders using asynchronous pipelined modified low voltage MCML for signal processing and communication applications	Analog Integrated Circuits and Signal Processing					1.4	10.1007/s10470-023-02241-0
4127	Suganya A., Aarth S.L.	Application of Deep Learning in the Diagnosis of Alzheimer's and Parkinson's Disease: A Review	Current Medical Imaging	20				1.4	10.2174/1573405620666230328113721
4128	Gayathri S.V., Subbulekshmi D.	Comprehensive Introspection of Magnetoresistive Sensors Applied in Biomedical Diagnostics	Current Medical Imaging	20				1.4	10.2174/1573405620666230825113444

4129	Patel S., Thanikaiselvan V., Rearajan A.	Secured Quantum Image Communication Using New Two Dimensional Chaotic Map Based Encryption Methods	International Journal of Theoretical Physics	63	2			1.4	10.1007/s10773-024- 05548-4
4130	Darvenkumar T., Christopher Rajasekaran W.	Disorder and rehabilitation: The paradox of digital games and vulnerabilities	Journal of Education and Health Promotion	13	1	64		1.4	10.4103/jehp.jehp_9 23_23
4131	Pradeesh J., Vijayakumar V.	A New Approach on the Approximate Controllability Results for Hilfer Fractional Stochastic Hemivariational Inequalities of Order $1 < \mu < 2$	Qualitative Theory of Dynamical Systems	23	4			1.4	10.1007/s12346-024- 01012-0
4132	Pradeesh J., Vijayakumar V.	On the Asymptotic Stability of Hilfer Fractional Neutral Stochastic Differential Systems with Infinite Delay	Qualitative Theory of Dynamical Systems	23	4			1.4	10.1007/s12346-024- 01007-x
4133	Vats R.K., Dhawan K., Vijayakumar V.	Analyzing Single and Multi- valued Nonlinear Caputo Two- Term Fractional Differential Equation With Integral Boundary Conditions	Qualitative Theory of Dynamical Systems	23	4			1.4	10.1007/s12346-024- 01026-8
4134	Julian A., Mary G.I., Selvi S., Rele M., Vaithianathan M.	Blockchain based solutions for privacy-preserving authentication and authorization in networks	Journal of Discrete Mathematical Sciences and Cryptography	27	2	797	808	1.4	10.47974/JDMSC- 1956
4135	Sekar D., Bhuvaneshwari M.	Exploring the link between intelligence and drug abuse among juvenile felons in India	Journal of Forensic Psychiatry and Psychology					1.4	10.1080/14789949.2 024.2353645

4136	Sivaraj V., Sekar D., Ansar Z.A., Karunakaran K., Muniyan R.	Computational strategies for identifying high-risk SNP of PTEN in prostate cancer: A Mutational profiling study	Indian Journal of Biochemistry and Biophysics	61	5	279	289	1.4	10.56042/ijbb.v61i5.6227
4137	Gopi S., Mohapatra P.	A modified grey wolf optimization algorithm to solve global optimization problems	OPSEARCH					1.4	10.1007/s12597-024-00785-x
4138	Islam M.R., Sarker B.C., Ditta A., Alam M.A., Akhter M.M., Soufan W., Rajendran K., El Sabagh A., Ratnasekera D., Ogbaga C.C., Shaddam M.O., Islam M.S.	Discrimination of Mung Bean (Vigna Radiata L.) Genotypes Exposed to PEG-Induced Water Deficit Reveals the Selection Criteria for Improved Breeding from Germination to Seedling Development	Polish Journal of Environmental Studies	33	5	4611	4622	1.4	10.15244/pjoes/177181
4139	Dharani M.K., Balamurugan J.	The psychosocial impact on single mothers' well-being - A literature review	Journal of Education and Health Promotion	13	1	148		1.4	10.4103/jehp.jehp_1045_23
4140	Abhishek R., Balamurugan J.	Impact of social factors responsible for Juvenile delinquency – A literature review	Journal of Education and Health Promotion	13	1			1.4	10.4103/jehp.jehp_786_23
4141	Julius Fusic S., Sugumari T., Giri J., Sitharthan R., Badawy A.S., Ahmad N., Sathish T.	A compact smiley shaped flexible patch antenna for ISM band applications	AIP Advances	14	6			1.4	10.1063/5.0202950

4142	Sajid M., Munir H., Rauf S., Rasul F., Ibtahaj I., Ditta A., Al- Ashkar I., Rajendran K., Ratnasekera D., El Sabagh A.	Exploring the Adaptability of Exotic Safflower (<i>Carthamus tinctorius</i> L.) as a Viable Oilseed for Oil Scarcity	Polish Journal of Environmental Studies	33	5	5843	5856	1.4	10.15244/pjoes/183 566
4143	Kavitha C., Gowrisankar A.	Fractional integral approach on nonlinear fractal function and its application	Mathematical Modelling and Control	4	3	230	245	1.4	10.3934/mmc.20240 19
4144	Dutta S., Ng H.K.T., Kayal S.	Inference for Kumaraswamy- G family of distributions under unified progressive hybrid censoring with partially observed competing risks data	Statistica Neerlandica					1.4	10.1111/stan.12357
4145	M.S I., Pallavarapu L.	Melting heat transfer and entropy analysis of MHD Casson nanofluid flow through a stretchy surface with Joule heating and complete slip	World Journal of Engineering					1.4	10.1108/WJE-01- 2024-0016
4146	Paul S., Alphonse A.S., Gupta P., Xiang Y., Rahul A.K., Singh M.K., Modi P.	An improved KAZE algorithm for SAR image matching	Remote Sensing Letters	15	8	773	783	1.4	10.1080/2150704X.2 024.2379514
4147	Chandran V., Mohapatra P.	An improved tunicate swarm algorithm with random opposition based learning for global optimization problems	OPSEARCH					1.4	10.1007/s12597-024- 00828-3

4148	Ramalakshmi K., Srinivasa Raghavan V., Kaliappan J., Srinivasan K.	Edge-Preserved Tversky Indexive Hellinger with Deep Perceptive Czekanowski- Based Image Classification	Journal of Sensors	2024				1.4	10.1155/2024/4024 107
4149	Sunny A., Thamankar R.	Emulating Ebbinghaus forgetting behavior in a neuromorphic device based on low dimensional h-BN	AIP Advances	14	8			1.4	10.1063/5.0203002
4150	Singh M.K., Anusha K., Dwivedi A.D.D.	Enhancing device characteristics of pentacene- based organic transistors through graphene integration: A simulation study and performance analysis	AIP Advances	14	8			1.4	10.1063/5.0218617
4151	Arockiasamy F.S., Logesh K., Rajan J.A., Ramesh M., Kannan S., Giri J., Alarfaj A.A.	Exploring the strength and durability of hemp fiber reinforced moringa bioresin composites for skateboard applications	AIP Advances	14	8			1.4	10.1063/5.0220726
4152	Gayathridevi K., Ray A.	Mechanical Characterization of Soil–Rock Mixture Under Varying Block Parameters, Matrix Properties and Matrix Water Content Using Destructive and Non- Destructive Testing	Indian Geotechnical Journal					1.4	10.1007/s40098-024- 01054-w

4153	V G., Avula Golla V.K.	The effects of an inclined plate on a two-dimensional magneto hydrodynamic hybrid Cu-Fe ₃ O ₄ /EG nanofluid flow subject to an oblique magnetic flux	World Journal of Engineering					1.4	10.1108/WJE-03-2024-0140
4154	Rudra E.S.C.K., Pradhan B.B., Rai R., Ray A.	Numerical study of the effect of overburden pressure on the stability of mine dump slope	Sadhana - Academy Proceedings in Engineering Sciences	49	3			1.4	10.1007/s12046-024-02594-w
4155	Rammoorthi R., Mohanavel D.	Numerical investigation and sensitivity analysis of MHD ternary nanofluid flow between perforated squeezed Riga plates under the surveillance of microcantilever sensor	AIP Advances	14	9			1.4	10.1063/5.0218608
4156	N.M L.; Avula Golla V.K.	Significance of magnetic field and Darcy–Forchheimer law on dynamics of non-Newtonian hybrid nanofluid flow over a spinning disc with Arrhenius activation energy and shape factor	World Journal of Engineering					1.4	10.1108/WJE-07-2024-0378
4157	Jyothi N.; Avula Golla V.K.	Entropy generation of Williamson hydromagnetic non-linear radiative nanofluid flow near a stagnation point over a porous stretching sheet	World Journal of Engineering					1.4	10.1108/WJE-02-2024-0062

4158	Radhakrishnan M.; Ramamurthy K.; Shanmugam S.; Prasanna G.; Vignesh S.; Surya Y.; Won D.	A hybrid model for the classification of Autism Spectrum Disorder using Mu rhythm in EEG	Technology and Health Care	32	6	4485	4503	1.4	10.3233/THC-240644
4159	Surendran G.; Jose T.P.	Cognitive reserve as a protective factor against cognitive impairment in chronic fatigue syndrome	Applied Neuropsychology: Adult	0	0	0	0	1.4	10.1080/23279095.2024.2434557
4160	Bhargavi N.; Sreenivasulu P.; Poornima T.	Comparative analysis on single- and multi-walled carbon nanotubes suspended for enhanced thermal energy transfer past stretching surfaces	AIP Advances	14	11	0	0	1.4	10.1063/5.0232829
4161	Aruna J.; Niranjan H.	Effects of electric field, MHD micropolar hybrid nanofluid flow with mixed convection and thermal radiation across a flat surface	Journal of Thermal Engineering	10	6	1607	1620	1.4	10.14744/thermal.0000851
4162	Sundaramoorthy D.; Chandrasekaran A.	Evaluation of the dose rate and energy dependence of Gafchromic TM EBT3 film for the application of total body irradiation and total skin electron therapy dosimetry	Journal of Cancer Research and Therapeutics	20	6	1835	1839	1.4	10.4103/jcrt.jcrt_1830_23
4163	Khatri J.; Phaneendra T.	Exact l1 exponential penalty approach for interval-valued mathematical problems	OPSEARCH	0	0	0	0	1.4	10.1007/s12597-024-00883-w
4164	Gopichand G.; Sarath T.; Devi V.L.; Srivastava V.; Lonial I.; Acharya R.; Thakur A.K.	Flight Delay Prediction Based on Delay Time Using Predictive Analytics	International Journal of Aeronautical and Space Sciences	0	0	0	0	1.4	10.1007/s42405-024-00855-w

4165	Sowmiya C.; Rushi Kumar B.	HYDROMAGNETIC CASSON FLUID FLOW ACROSS AN INCLINED VERTICAL SURFACE IN POROUS CHANNEL WITH BUOYANCY AND THERMODIFFUSION EFFECTS	Special Topics and Reviews in Porous Media	15	6	77	92	1.4	10.1615/SpecialTopics RevPorousMedia.2024 047485
4166	Balachandran K.P.; Bhuvaneswari M.	Caregiver-centric interventions for family carers of children with neurodevelopmental disorders in India ? A scoping review	Journal of Education and Health Promotion	13	1	0	0	1.4	10.4103/jehp.jehp_20 29_23
4167	Gautam P., Shukla A., Johnson M., Vijayakumar V.	Approximate controllability of third order dispersion systems	Bulletin des Sciences Mathematiques	191				1.3	10.1016/j.bulsci.202 4.103394
4168	Reddy S.R.R., Jakeer S., Rupa M.L., Sekhar K.R.	Two-phase analysis on radiative solar pump applications using MHD Eyring–Powell hybrid nanofluid flow with the non-Fourier heat flux model	Journal of Engineering Mathematics	144	1			1.3	10.1007/s10665-023- 10306-2
4169	Gomathi N., De P.	IMPACT OF HALL CURRENTS AND ION SLIP ON MIXED CONVECTIVE CASSON WILLIAMSON NANOFLUID FLOW WITH VISCOUS DISSIPATION THROUGH POROUS MEDIUM	Nanoscience and Technology	15	1	65	86	1.3	10.1615/NanoSciTec hnollntJ.2023047611
4170	Balaji V., Xavior A.M.	Effects Of High Entropy Alloys Coating (HEAC) And Their Property Evaluation	Journal of Applied Science and Engineering (Taiwan)	27	11	3485	3498	1.3	10.6180/jase.20241 1_27(11).0012

4171	Thukkaram S., Kumar A.A.	Data-driven approach for sustainable geopolymers mortar production with treated sewage sludge	Australian Journal of Civil Engineering					1.3	10.1080/14488353.2024.2313294
4172	Valarmathy A.S., Mahalingam P.	High gain interleaved DC-DC converter with ripple-free input current and low device stress	International Journal of Electronics					1.3	10.1080/00207217.2024.2312569
4173	Grover V., Anbarasi A., Fuladi S., Nallakaruppan M.K.	Decision Tree Based Crowd Funding for Kickstarter Projects	EAI Endorsed Transactions on Scalable Information Systems	11	2	1	6	1.3	10.4108/eetsis.4639
4174	Abasaheb S.A., Subashini R.	Enhancing HR Efficiency Through the Integration of Artificial Intelligence and Internet of Things: A Study on AI Implementation in Human Resource Management	EAI Endorsed Transactions on Scalable Information Systems	11	2	1	11	1.3	10.4108/eetsis.4208
4175	Reddy A.S., Srinivas S., Jagadeshkumar K., Madhu V., Nallaiah M., Shobanadevi N.	HYDROMAGNETIC PULSATING FLOW OF A BLOOD- Al ₂ O ₃ +CuO HYBRID NANOFLUID IN A POROUS CHANNEL WITH THERMAL RADIATION	Nanoscience and Technology	15	2	1	19	1.3	10.1615/NanoSciTechnolIntJ.2023045603
4176	Senthur Prabu S., Muthu S.M., Sujai S., Devendranath Ramkumar K., Arunkumar D.T., Beemkumar N.	Effect of Cr on the high-temperature corrosion of dissimilar AISI 904L and Inconel 625 joints employed in the coal-fired thermal power plant tubes	Materials at High Temperatures					1.3	10.1080/09603409.2024.2327156

4177	Belshiasheela I.R., Ghosh M.	The role of zooplankton in the growth of algal bloom: a mathematical study	Stochastic Analysis and Applications					1.3	10.1080/07362994.2024.2323535
4178	Mahapatra R.K., Kaliyath Y., Shet N.S.V., Mahapatro S.R., Satapathi G.S., Prusty S.B., Patro B.S.	A survey on wireless sensor network (applications and architecture)	International Journal of Communication Networks and Distributed Systems	30	2	136	201	1.3	10.1504/IJCND.2024.137085
4179	Pradeesh J., Vijayakumar V.	An investigation on the partial approximate controllability results for nonlocal neutral fractional differential systems via approximation method	Bulletin des Sciences Mathematiques	192				1.3	10.1016/j.bulsci.2024.103416
4180	Ramanujam P., Ponnusamy M.	Design of dual circular polarized stacked patch antenna for BeiDou navigation satellite systems	Journal of Electromagnetic Waves and Applications	38	7	766	777	1.3	10.1080/09205071.2024.2333336
4181	Kavimuhil P., Bhuvaneshwari G.	Redefining "Connection" on Par with Far-Fetched Scientific Inventions: What is Linked and Who Remains Attached?	Human Arenas					1.3	10.1007/s42087-024-00411-8
4182	Vinothraj U.T., Xavier M.A.	Wear And Frictional Behaviour Of Additive Manufactured SS 316L Through Powder Bed Fusion	Journal of Applied Science and Engineering (Taiwan)	27	12	3601	3612	1.3	10.6180/jase.202412_27(12).0001

4183	Divya B., Kavitha K.	Dynamical Behavior Of Three Species Model With Holling Type Functional Response In The Presence Of Logistic Growth	Journal of Applied Science and Engineering (Taiwan)	28	1	101	108	1.3	10.6180/jase.202501_28(1).0010
4184	Tamma M.R., Vijayakumar V., Sarveswari S.	Synthesis of novel 7-substituted pyrido[3,2-b]pyrazin-3(4H)-one derivatives via Suzuki-Miyaura cross-coupling reaction	Journal of the Indian Chemical Society	101	7			1.3	10.1016/j.jics.2024.101168
4185	Dhanasekaran A., Sumithra P., Kommuri U.K., Kannadassan D., Velmurugan V.	Microwave characterization of nanomaterials using planar slot resonator	Journal of Instrumentation	19	6			1.3	10.1088/1748-0221/19/06/P06022
4186	Ramalakshmi K., Srinivasa Raghavan V., Rajagopal S., Krishna Kumari L., Theivanathan G., Kulkarni M.B., Poddar H.	An extensive analysis of artificial intelligence and segmentation methods transforming cancer recognition in medical imaging	Biomedical Physics and Engineering Express	10	4			1.3	10.1088/2057-1976/ad555b

4187	Kumaresh D., Venkatesan S.	Mechanical and microstructural characterisation on the effect of increasing tool rotational speed of friction stir welded AZ31-B magnesium alloy [Caractérisation mécanique et microstructurale de l'effet de l'augmentation de la vitesse rotationnelle de l'outil de l'alliage de magnésium AZ31-B soudé par friction-malaxage]	Canadian Metallurgical Quarterly						1.3	10.1080/00084433.2024.2367178
4188	Dwivedi M.K., Jayapragash R.	An Improved Single-Switch Bridgeless SEPIC PFC Converter for Battery Charging Applications	IETE Journal of Research						1.3	10.1080/03772063.2024.2359017
4189	Karthick S., Kanthalakshmi S., Vinodh Kumar E., Joshi Kumar V., Ezhil Kumaran A.	Experimental Validation of Adaptive Augmented LQI Control for a 2 DoF Helicopter	IETE Journal of Research	70	1	584	596		1.3	10.1080/03772063.2022.2138578
4190	Alhouiti N., Roy S., Dey S., Mofarreh F., Ali A., Li Y.	Geometric Classifications of Perfect Fluid Space-Time Admit Conformal Ricci-Bourguignon Solitons	Journal of Mathematics	2024					1.3	10.1155/2024/6674726
4191	Vinothkumar R., Srinivasan N.	Assessment of Degree of Sensitization of Cryo-rolled Standard Duplex Stainless Steel 2205	Metallography, Microstructure, and Analysis						1.3	10.1007/s13632-024-01102-0

4192	Haq A., Ahmad B.	MILD SOLUTION AND FINITE-APPROXIMATE CONTROLLABILITY OF HIGHER-ORDER FRACTIONAL INTEGRODIFFERENTIAL EQUATIONS WITH NONLOCAL CONDITIONS	Evolution Equations and Control Theory	13	5	1386	1400	1.3	10.3934/eect.2024032
4193	Pandey A.K., Roy S.S.	CANBLWO: A Novel Hybrid Approach for Semantic Text Generation	International Arab Journal of Information Technology	21	4	690	710	1.3	10.34028/iajit/21/4/11
4194	Roshan T., Ghosh S., Kumar S.	Dynamical Behaviour of a Fractional-order SEIB Model	International Journal of Theoretical Physics	63	8			1.3	10.1007/s10773-024-05724-6
4195	Radhika T., Chandrasekar A., Vijayakumar V.	Finite-time H^∞ synchronization of semi-Markov jump neural networks with two delay components with stochastic sampled-data control	Bulletin des Sciences Mathematiques	195				1.3	10.1016/j.bulsci.2024.103482
4196	Mishra R., Gosika M., Gidituri H., Pothukuchi H.	Flow structure around a microswimmer at fluid-fluid interface	Fluid Dynamics Research	56	4			1.3	10.1088/1873-7005/ad6804
4197	Banerjee M., Rajeswari D., V	Green synthesis and anti-biofilm effect on Drosophila melanogaster of selenium nanoparticles from Vitis vinifera for photocatalytic degradation and different biological applications	Vietnam Journal of Chemistry					1.3	10.1002/vjch.202300376

4198	Sathiya Priya R., Rahamathunnisa U.	Hybridized Clustering Algorithm and Ensemble Learning for Monitoring Paddy Crop Growth Analysis	International Arab Journal of Information Technology	21	4	675	689	1.3	10.34028/iajit/21/4/ 10
4199	Dash L., Sreekantan Thampy A.	MIMO Detection using Optimized Neural Network model for 5G Communication	IETE Journal of Research					1.3	10.1080/03772063.2 024.2383356
4200	Hegde D., Balaji G.N.	P-CNN: Percept-CNN for semantic segmentation	Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization	12	1			1.3	10.1080/21681163.2 024.2387458
4201	Sambath M., Chandrasekaran S.S., Maithani S., Ganapathy G.P.	Probabilistic seismic hazard analysis of the Coimbatore region, Tamil Nadu using a logic-tree approach	Journal of Earth System Science	133	3			1.3	10.1007/s12040-024- 02356-6
4202	Manikandan R., Mutra R.R.	A comprehensive review on crack detection schemes and modelling techniques in high- speed rotor systems	Australian Journal of Mechanical Engineering					1.3	10.1080/14484846.2 024.2401243
4203	Rupa M.L., Aruna K., Raghavendar K.	Insights into the time Fractional Belousov- Zhabotinsky System Arises in Thermodynamics	International Journal of Theoretical Physics	63	9			1.3	10.1007/s10773-024- 05770-0
4204	Chintala V.D., Kondamuri S.R., Suddapalli S.R., Sundru A.	An enhanced companding algorithm for universal filtered multicarrier system	ETRI Journal					1.3	10.4218/etrij.2023- 0516

4205	Hemanth C., Sangeetha R.G., Kademani S., Shahbaz Ali M.	Low Power Multiplier Using Approximate Adder for Error Tolerant Applications	IETE Journal of Research					1.3	10.1080/03772063.2 024.2400265
4206	Alphonse M.; Thiagarajan K.; Navapara R.; Doshi R.; Sabade N.; Abdi G.; Singh S.; Fulzele D.P.; Pillay M.; Ramamoorthy S.; Chandrasekaran R.	Elicitation of gentiopicoside in Gentiana kurroo Royle shoot cultures with endophytic fungus	Egyptian Journal of Botany	64	4 Special Issue	120	126	1.3	10.21608/ejbo.2024. 240513.2582
4207	Nancy A.; Balakrishnan S.	Entanglement versus Mixedness: A Study using the Output States of Quantum Deleting Machines	International Journal of Theoretical Physics	63	10			1.3	10.1007/s10773-024- 05789-3
4208	Devi S.; Talukdar J.; Laskar N.M.; Choudhury S.	Exploring the Potential of Tunnel Field-Effect Transistors in Biomedical Devices: A Comprehensive Survey	IETE Journal of Research					1.3	10.1080/03772063.2 024.2412790
4209	Anandharaman K.; Rangaswamy G.	Motivating and achievement factors of married female entrepreneurs in india: Unveiling the keys to success	Journal of Developmental Entrepreneurship					1.3	10.1142/S10849467 24500213
4210	Venkatesan K.; Devendiran S.; Murali T.; Arunkumar E.; Hyder H.; Roshin M.F.; Thazim A.	Investigation of machining performance in SS904L alloy under hybrid cooling conditions	Canadian Metallurgical Quarterly					1.3	10.1080/00084433.2 024.2413242

4211	Achu Govind K.R.; Mahapatra S.; Mahapatro S.R.	Kharitonov-Hurwitz analysis-based robust decentralised PID controller for benchmarking industrial processes using nonlinear constraint optimisation	International Journal of Automation and Control	18	6	605	635	1.3	10.1504/IJAAC.2024.142047
4212	Kumari R.; Ramachandran P.	Deep CNN for Parkinson's Disease Classification Using Line Spectral Frequency Images of Sustained Speech Phonation	IETE Journal of Research					1.3	10.1080/03772063.2024.2409677
4213	Shiny Irene D.; Indra Priyadharshini S.; Ponnuviji N.P.; Kalaivani A.	Technological Advancements in Menstrual Health: The Role of Generative Pre-Trained Transformer and Bees Algorithm	IETE Journal of Research					1.3	10.1080/03772063.2024.2377771
4214	K S.N.; Prakash M M.; P V.; KB A.	Integrated VANETS and FANETS Driven Multimodal Smart Transportation System for Delivery	IETE Journal of Research	0	0	0	0	1.3	10.1080/03772063.2024.2420741
4215	Radha R.	Predicting corrosion current density in magnesium alloy battery anodes: machine learning approach using rapid miner	Canadian Metallurgical Quarterly	0	0	0	0	1.3	10.1080/00084433.2024.2425497
4216	Joshi S.K.; Kothari D.P.	Synchronization Analysis of Coupled Fitzhugh Nagumo Dynamical Systems	IETE Journal of Research	0	0	0	0	1.3	10.1080/03772063.2024.2424931

4217	Anusha K.; Ahilan A.; Muthukumaran N.; Muneeswari G.; Bhuvanesh A.; Maria Jesi P.	Trust and Affinity Based Clustering for Deterministic Multicast Routing Using Honey Badger Algorithm	IETE Journal of Research	0	0	0	0	1.3	10.1080/03772063.2024.2353336
4218	Prawin Babu L.; Radha R.	Advancements in magnesium-based alloys for orthopedic implants: balancing corrosion, mechanical properties, and biological effects (part 1)?a review	Canadian Metallurgical Quarterly	0	0	0	0	1.3	10.1080/00084433.2024.2427455
4219	Subitha D.	Adaptive Multi-Layer Contrastive Graph Neural Network for Massive MIMO Under Imperfect CSIT	IETE Journal of Research	0	0	0	0	1.3	10.1080/03772063.2024.2423006
4220	Roshan T.; Ghosh S.; Kumar S.	Comparison Study of Dynamical System Using Different Kinds of Fractional Operators	International Journal of Theoretical Physics	63	12	0	0	1.3	10.1007/s10773-024-05859-6
4221	Meganathan A.; Debnath S.	Dispersion of solute in a packed cylindrical tube with wall reaction	Fluid Dynamics Research	56	5	0	0	1.3	10.1088/1873-7005/ad8262
4222	Kannan T.D.; Sivaraj P.; Sonar T.	Effect of Forging Pressure on Evolution of Microstructure and Tensile Properties of Rotary Friction-Welded Shaft-to-Plate Joints of Dissimilar Low-Carbon-Grade C22 and C15 Steels	Metallography, Microstructure, and Analysis	0	0	0	0	1.3	10.1007/s13632-024-01160-4
4223	Gopinathan R.L.; Ibrahim M.M.	Hydrogen driven HCCI engine combustion and performance indices: a numerical investigation	Australian Journal of Mechanical Engineering	0	0	0	0	1.3	10.1080/14484846.2024.2436257

4224	Ravichandra Rao N.; Kasture J.	Sectoral insights into corporate insolvency: a comprehensive analysis of Corporate Insolvency Resolution Process (CIRP) outcomes in India	International Journal of Law and Management	0	0	0	0	1.3	10.1108/IJLMA-08-2024-0291
4225	Palani M.; Rajagopal S.; Chintanpalli A.K.	A systematic review on feature extraction methods and deep learning models for detection of cancerous lung nodules at an early stage -the recent trends and challenges	Biomedical physics & engineering express	11	1	0	0	1.3	10.1088/2057-1976/ad9154
4226	Revathi A., Kaladevi R., Vimaladevi M., Hariharan S., Cherukuri A.K., Sujatha R.	Correlation between Vaccination and Child Mortality Rate Using Multivariate Linear Regression Model	Journal of Information and Knowledge Management					1.2	10.1142/S0219649224500278
4227	Harshavardhana N., Sivam S.P.S.S., Savio R.R., Honymon A., Apramayan V., Kumar G., Saxena A.K.	Effect of Heat Treatment on Wire + Arc Additive Manufactured Aluminum 5356 Alloy: Mechanical Properties and Microstructure Correlation	Physics of Metals and Metallography					1.2	10.1134/S0031918X22601846
4228	Roy S., Momeen M.U.	A geometry dependent directivity analysis of an optical structure based on NV center in diamond	Journal of Physics Communications	8	1			1.2	10.1088/2399-6528/ad1dc9
4229	Nagarajan S.M., Jerlin M.A., Devarajan G.G., Sivakami R., Tiwari R.S.	Efficiency Improvisation of Large-Scale Knowledge Systems in Feature Determination using Proposed HVGAN Architecture	Journal of Information and Knowledge Management					1.2	10.1142/S0219649224500060

4230	Tripathi M., Cherukuri A.K., Bhasin A., Jammalamadaka S.	Exploring Quantum Computing Paradigm: From Conceptualisation, Initial Adoption to Development	Journal of Information and Knowledge Management					1.2	10.1142/S0219649224500291
4231	Sunny G., Lalkrishna S., James J., Suprasannan S.	A critical review of personal protective equipments in relation to pandemics	International Journal of Clothing Science and Technology	36	1	168	186	1.2	10.1108/IJCST-08-2022-0116
4232	AT B., Velayudham R.	Assessing dosimetric advancements in spatially fractionated radiotherapy: From grids to lattices	Medical Dosimetry					1.2	10.1016/j.meddos.2023.12.003
4233	Sunny G., Palani Rajan T.	Influence of blend ratio of cotton and Arecanut fibers on yarn properties	International Journal of Clothing Science and Technology					1.2	10.1108/IJCST-10-2023-0154
4234	Tyagi A.K., Kukreja S., Richa, Sivakumar P.	Role of Blockchain Technology in Smart Era: A Review on Possible Smart Applications	Journal of Information and Knowledge Management					1.2	10.1142/S0219649224500321
4235	Jayabalan J., Jeyanthi N.	A Review on State-of-Art Blockchain Schemes for Electronic Health Records Management	Cybernetics and Information Technologies	24	1	35	63	1.2	10.2478/cait-2024-0003
4236	Sangeetha T., Dineshkumar P., Shanmugam R., Elangovan A., Arivazhagan G.	Hydrogen bond complexation of ethanol with chlorobenzene: FTIR studies	Physics and Chemistry of Liquids					1.2	10.1080/00319104.2024.2344165

4237	Saiteja P., Ashok B.	Suitability Study of Biofuel Blend for Light Commercial Vehicle Application under Real-World Transient Operating Conditions	SAE International Journal of Engines	17	7			1.2	10.4271/03-17-07-0050
4238	Jonnalagadda A., Mohanty D., Zakee A., Kamalov F.	Modelling Data Poisoning Attacks Against Convolutional Neural Networks	Journal of Information and Knowledge Management	23	2			1.2	10.1142/S0219649224500229
4239	Lakshminarayanan K., Shah R., Ramu V., Madathil D., Yao Y., Wang I., Brahmi B., Rahman M.H.	Motor Imagery Performance through Embodied Digital Twins in a Virtual Reality-Enabled Brain-Computer Interface Environment	Journal of Visualized Experiments	2024	207			1.2	10.3791/66859
4240	Nallapareddy R.R., Shaik S.B.	DECISION MAKING APPROACH FOR BEST MOBILE PHONE SERVICE PROVIDER SELECTION USING LAPLACIAN ENERGY AND COSINE SIMILARITY MEASURES OF HESITANCY FUZZY GRAPH	International Journal of Industrial Engineering : Theory Applications and Practice	31	3	524	541	1.2	10.23055/ijietap.2024.31.3.8205
4241	Vignesh N.J., Shenbaga Velu P., Rajesh Jesudoss Hynes N., Subramanian S.K., Sreedharan M., Tamilzharasan C., Venkatachalam G.	ENHANCING AA5083/MgAZ31B PROPERTIES VIA FRICTION STIR WELDING	Surface Review and Letters					1.2	10.1142/S0218625X24501282

4242	M S.P., Benny N., D T.K., C G.P.D., Murthy P.S.	Molecular Docking and ADMET Profiling of Pimenta Dioica Bioactives: Targeting Carboxylesterase 1	Journal of Herbs, Spices and Medicinal Plants					1.2	10.1080/10496475.2024.2361427
4243	Manoj K., Iyapparaja M.	A Comprehensive Approach for Tamil Handwritten Character Recognition with Feature Selection and Ensemble Learning	KSII Transactions on Internet and Information Systems	18	6	1540	1561	1.2	10.3837/tiis.2024.06.007
4244	Balachandran M., Vali Mohamad N.M.	Joint Design of Antenna Selection and Resource Allocation in Massive MIMO-Based Ultra Dense Heterogeneous Networks	Journal of Electrical and Computer Engineering	2024				1.2	10.1155/2024/3809470
4245	Jose J., Suryawanshi A., Behera N.	Prediction of coefficient of friction of solid powder lubricants under high pressure conditions using machine learning algorithms [Vorhersage des Reibungskoeffizienten von Festpulverschmierstoffen unter Hochdruckbedingungen mit Hilfe von Algorithmen des maschinellen Lernens]	Materialwissenschaft und Werkstofftechnik	55	7	936	946	1.2	10.1002/mawe.202300277
4246	Jandhyala S., Kumar N.	Striking the balance: Assertiveness training for constructive workplace conversations in India	Journal of Human Behavior in the Social Environment					1.2	10.1080/10911359.2024.2371416

4247	Indhumathi S., Clement C.J., Sriharipriya K.C.	Automatic Surgery in Transcatheter Aortic Valve Replacement Using Augmented Reality	Journal of visualized experiments : JoVE		210				1.2	10.3791/67096
4248	Merlin I.J., Prabakar S.	Development and initial validation of social interaction questionnaire	Journal of Human Behavior in the Social Environment						1.2	10.1080/10911359.2 024.2394205
4249	Sakthivel V., Prakash P., Lee J.-W., Prabu P.	Enhancing Transparency and Trust in Agrifood Supply Chains through Novel Blockchain-based Architecture	KSII Transactions on Internet and Information Systems	18	7	1968	1985		1.2	10.3837/tiis.2024.07 .013
4250	Saini D.S., Barik D.K.	Simulation of the Hydraulic Model HEC-RAS Coupled with GIS and Remote Sensing to Study the Effect of River Cross- section Width in Detecting Flood-prone Areas	Journal of the Geological Society of India	100	3	367	376		1.2	10.17491/jgsi/2024/ 173843
4251	Vasudevan S.R., Bhuvaneshwari M.	Childbearing beyond 40: Exploring the psychological state of expectant women through qualitative research	Journal of Human Behavior in the Social Environment						1.2	10.1080/10911359.2 024.2395396
4252	Radhakrishnan M., Govindan V., Ramamurthy K., Saranya S.	Graphical attention networks for autism spectrum disorder classification	Proceedings of the Indian National Science Academy						1.2	10.1007/s43538-024- 00344-4

4253	Ajith A.V., Barik D.K.	Impact of land use and land cover changes on runoff generation in the Kidangoor watershed, Kerala	Journal of Water Management Modeling	32					1.2	10.14796/JWMM.H522
4254	Verezhak M., Vshivkov A., Bartolomei M., Gachegova E., Mayer A., Swaroop S.	Application of deep learning for technological parameter optimization of laser shock peening of Ti-6Al-4V alloy	Frattura ed Integrita Strutturale	18	70	121	132		1.2	10.3221/IGF-ESIS.70.07
4255	Kaspar K.; Kaliyaperumal P.	NEUTROSOPHIC OPTIMIZATION IN TRANSPORTATION NETWORKS: NAVIGATING TRANSPORTATION CHALLENGES WITH AND WITHOUT WAREHOUSES	International Journal of Industrial Engineering : Theory Applications and Practice	31	5	1002	1020		1.2	10.23055/ijietap.2024.31.5.9983
4256	Venkatesan K.; Prabakar S.	Adolescents social capital and academic performance: A comprehensive study on the mediating effect of social belongingness and connectedness	Journal of Human Behavior in the Social Environment						1.2	10.1080/10911359.2024.2418479
4257	Punitha S.; Preetha K.S.	Enhanced Light-Gradient Boosting Machine (GBM)-Based Artificial Intelligence-Blockchain-Based Telesurgery in Sixth Generation Communication Using Optimization Concept	Journal of Electrical and Computer Engineering	2024					1.2	10.1155/2024/3214572

4258	Aishwarya K.; Lakshmi B.	Study on Single Event Upset and Mitigation Technique in JLTFET-Based 6T SRAM Cell	Journal of Electrical and Computer Engineering	2024					1.2	10.1155/2024/9212078
4259	Krishnan G.; J.N.V R.	Exploring diabetic patients' intention to switch POCT self-monitoring glucose devices: investigating influence of perceived usefulness and perceived ease of use	International Journal of Pharmaceutical and Healthcare Marketing						1.2	10.1108/IJPHM-06-2023-0044
4260	Valarmathi R.; Thangaraj C.; Easwaramoorthy D.; Selmi B.; Jebali H.; Ananth C.	Multifractal Analysis in Age-Based Classification for COVID-19 Patients' CT-Scan Images with Different Noise Levels	Fluctuation and Noise Letters						1.2	10.1142/S0219477524400558
4261	Padma Sri Lekha P.; Abdul Azeez E.P.	Association of psychosocial factors with sleep quality among aging adults in India: Moderating role of functional limitations and negative feelings	Journal of Human Behavior in the Social Environment						1.2	10.1080/10911359.2024.2407914
4262	Vinothini P.; Kavitha K.	A Stage Structure Prey Predator Model Using Pentagonal Fuzzy Numbers and Functional Response; [????? ???? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ??????]	Baghdad Science Journal	21	10	3234	3247		1.2	10.21123/bsj.2024.9945

4268	Gupta G.; Purohit A.; Kumar S.S.; Ray S.; Mohanty C.P.; Pati P.R.	Parametric appraisal and wear prediction of red brick dust filled epoxy composites using finite element method; [Parametrische Bewertung und Verschlei?vorhersage von mit rotem Ziegelstaub gef?llten Epoxidverbundwerkstoffen mit Hilfe der Finite-Elemente-Methode]	Materialwissensch aft und Werkstofftechnik	#VALUE!	#VALUE!	#VALUE!	#####	1.2	10.1002/mawe.20240 0161
4269	Sundarasamy A.; Kumarasamy C.P.; Ramasamy S.S.; Muthukaliannan G.K.; Thangaraj S.	Phytochemical Investigations and ?-Glucosidase Inhibitory Activity of Adenanthera Pavonina Seeds	Journal of Herbs, Spices and Medicinal Plants	0	0	0	0	1.2	10.1080/10496475.20 24.2443624
4270	Sekar D.; Bhuvanewari M.	The intricate dynamics of personality, emotional intelligence, and family in adolescent tendencies towards delinquent-prone behavior	Journal of Human Behavior in the Social Environment	0	0	0	0	1.2	10.1080/10911359.20 24.2441291
4271	Valathoor M.N.; Venugopal S.	Therapeutic Potential of Colchicum luteum Against Flagellin (FlIC) in Salmonella typhimurium: An In silico Approach	Letters in Drug Design and Discovery	0	0	0	0	1.2	10.2174/01157018083 34616240822055800
4272	Prem Kumar M.; Manikandan M.	AN ASSESSMENT OF PHASE CHANGE MATERIAL, PREPARATION TECHNIQUES AND CONTAINMENT MATERIAL WITH DIFFERENT MOLTEN SALTS FOR THERMAL ENERGY STORAGE SYSTEM	Surface Review and Letters	0	0	0	0	1.2	10.1142/S0218625X25 300072

4273	Murugusundaramoorthy G., Cho N.E., Vijaya K.	A class of ϑ -bi-pseudo-starlike functions with respect to symmetric points associated with Telephone numbers	Afrika Matematika	35	1			1.1	10.1007/s13370-023-01159-0
4274	Prasad M.A., Narayanan C.S., Varatharajulu M., Pandivelan C.	IMPROVEMENT OF FORMABILITY AND SURFACE FINISH OF CUPRO-NICKEL (70/30) ALLOY DURING SINGLE POINT INCREMENTAL FORMING PROCESS USING CHROME STEEL LASER ABLATED BALL	Surface Review and Letters					1.1	10.1142/S0218625X24500616
4275	Thangam E., Manikandan B.V., Kannan S., Raja S.P.	Low-cost and flexible generation expansion planning with localization of power plants in a test bus system	Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A	47	2	226	242	1.1	10.1080/02533839.2023.2298990
4276	M D.S., Inabathini S.R.	Quasi-elliptic band pass filter using resonators based on coupling theory for ultra-wide band applications	Microelectronics International					1.1	10.1108/MI-07-2023-0106
4277	Singh A.K., Shukla P., Awasthi M.K., Shukla A.K., Agarwal S.	STABILITY ANALYSIS OF RIVLIN-ERICKSEN FLUID FILM WITH HEAT TRANSFER THROUGH AN ANNULAR POROUS MEDIUM	Special Topics and Reviews in Porous Media	15	1	25	39	1.1	10.1615/SpecialTopicsRevPorousMedia.2023046399

4278	Manivannan V.R., Anandam V.	A perturbed averaging operator on finite graphs	Linear Algebra and Its Applications	680		208	219	1.1	10.1016/j.laa.2023.09.029
4279	Immanuel P., Greeni A.B.	On linear layout of bicube and construction of optimal incomplete bicube	Discrete Applied Mathematics	349		44	52	1.1	10.1016/j.dam.2024.01.036
4280	Chilakapati P.K., Pulimi M.	Transport of alumina nanoparticles in natural waters and water saturated porous media-an analysis of the effect of various environmental parameters	Global Nest Journal	26	1			1.1	10.30955/gnj.005180
4281	Jadhav B.N., Azeez E.P.A.	Biographical Renewal and its Facilitators in Cancer Survivorship: A Conceptual Paper	Indian Journal of Palliative Care	30	1	16	20	1.1	10.25259/IJPC_332_2023
4282	Murugadoss R., Nesamani S.L., Banushri A., Monica K.M., Vairavel M., Rajini S.N.S., Gopi P.	A review of using deep learning from an ecology perspective to address climate change and air pollution	Global Nest Journal	26	2			1.1	10.30955/gnj.005697
4283	Kumar V.V., Padmavathi U., Ranjith C.P., Balaji J., Kumar C.N.S.V.	AN ELIXIR FOR BLOCKCHAIN SCALABILITY WITH CHANNEL BASED CLUSTERED SHARDING	Scalable Computing	25	2	997	1004	1.1	10.12694/scpe.v25i2.2441
4284	Nisha S.S., De P.	HALL CURRENTS AND ION SLIP EFFECT ON SSKO NANOFLUID FLOW FEATURING CHEMICAL REACTION OVER POROUS MEDIUM-A STATISTICAL APPROACH	Special Topics and Reviews in Porous Media	15	2	79	93	1.1	10.1615/SpecialTopicsRevPorousMedia.2023048627

4285	Venugopal R., Veeramani C., Das A.	INTEGRATED NEUTROSOPHIC DEMATEL, TOPSIS, AND GRA APPROACH FOR FINANCIAL RATIO PERFORMANCE EVALUATION OF NASDAQ EXCHANGE	International Journal of Industrial Engineering : Theory Applications and Practice	31	1	1	24	1.1	10.23055/ijietap.202 4.31.1.8523
4286	Balaji G.N., Mary S.A.S.A., Mantravadi N., Shajin F.H.	Graph CNN-ResNet-CSOA Transfer Learning Archtype for an Enhanced Skin Cancer Detection and Classification Scheme in Medical Image Processing	International Journal on Artificial Intelligence Tools	33	2			1.1	10.1142/S02182130 2350063X
4287	Fernau H., Kuppusamy L., Raman I.	On the computational completeness of generalized forbidding matrix grammars	Theoretical Computer Science	999				1.1	10.1016/j.tcs.2024.1 14539
4288	Pandiyan T., Solaiyan E.	Effect of zinc industrial waste on the mechanical and microstssructural properties of the ternary blended concrete	Global Nest Journal	26	3			1.1	10.30955/gnj.00555 5
4289	Rohit B., Muktinutalapati N.R.	Modelling the Overaging Kinetics of 18Ni250 Maraging Steel	Materials Performance and Characterization	13	1	60	71	1.1	10.1520/MPC20230 053
4290	Subbiah S.S., Paramasivan S.K., Thangavel M.	Prediction of particulate matter PM2.5 using bidirectional gated recurrent unit with feature selection	Global Nest Journal	26	3			1.1	10.30955/gnj.00563 1

4291	Muruganandam L., ALSharyani A.K.	Use of zinc oxide nanorods in the photocatalytic degradation activity of tricosane hydrocarbon from produced water under visible light irradiations	Desalination and Water Treatment	317					1.1	10.1016/j.dwt.2024.100288
4292	Thulasi R., Kumar N.	Systematic literature review on comprehensive sexuality education intervention	Sexual and Relationship Therapy						1.1	10.1080/14681994.2024.2331439
4293	Jyothi N., Golla V.K.A.	ACTIVATION ENERGY EFFECT ON MHD CONVECTIVE MAXWELL NANOFUID FLOW WITH CATTANEO-CHRISTOVE HEAT FLUX OVER A POROUS STRETCHING SHEET	Special Topics and Reviews in Porous Media	15	4	75	98		1.1	10.1615/SPECIALTOPICSREVPOROUSMEDIA.2023050008
4294	Edward J.L., Kaliyaperumal P.	A NEW BI-OBJECTIVE MODEL TO OPTIMIZE SOLID TRANSPORTATION UNDER UNCERTAINTY TO FACILITATE CATASTROPHE VICTIMS: A CASE STUDY	International Journal of Industrial Engineering : Theory Applications and Practice	31	2	298	316		1.1	10.23055/ijietap.2024.31.2.9765
4295	Senthil Kumaran V.N., Guttula R., Reddy G.N.	Hybrid Optimized LMMSE-Based Channel Estimation with Low Power Trellis Coded Modulation	Cybernetics and Systems						1.1	10.1080/01969722.2024.2343989

4296	Rathinam R., Sivakumar P., Sigamani S., Kothandaraman I.	SJFO: Sail Jelly Fish Optimization enabled VM migration with DRNN-based prediction for load balancing in cloud computing	Network: Computation in Neural Systems					1.1	10.1080/0954898X.2 024.2359609
4297	Kaliyaperumal S., Desikan K.	$\Delta\alpha$ -spectrum of subdivision join of graphs	Ricerche di Matematica					1.1	10.1007/s11587-024- 00874-5
4298	Vijayamurugan N., Prabaharan V., Akhas P.K.	Effect of Lip Depth on the Flexural Capacity of Cold- Formed Steel Section	International Journal of Steel Structures					1.1	10.1007/s13296-024- 00867-y
4299	Usuff R., Kothandapani S., Rangan R., Dhatchnamurthy S.	Enhancing radiographic image interpretation: WARES-PRS model for knee bone tumour detection	Network: Computation in Neural Systems					1.1	10.1080/0954898X.2 024.2357660
4300	Chintala V.D., Joseph R.D.B., Suddapalli S.R.	Joint channel estimation with an enhanced companding PAPR reduction transform for ACO-OFDM system	Optical Engineering	63	5	58104		1.1	10.1117/1.OE.63.5.0 58104
4301	Kamalakkannan K.	Characterization of the generalized Hausdorff and quasi Hausdorff operators on weighted integrable spaces	Research in Mathematics	11	1			1.1	10.1080/27684830.2 024.2384694
4302	Mouleeswaran S.K., Ramesh K., Manikandan K., Anbalagan V.	Dynamic Smartcard Protection and SSELUR-GRU- Based Attack Stage Identification in Industrial IoT	Journal of Electronic Testing: Theory and Applications (JETTA)					1.1	10.1007/s10836-024- 06129-3

4303	Jayasree K., Kumar Hota M., Dwivedi A.K., Ranjan H., Srivastava V.K.	Identification of exon regions in eukaryotes using fine-tuned variational mode decomposition based on kurtosis and short-time discrete Fourier transform	Nucleosides, Nucleotides and Nucleic Acids					1.1	10.1080/15257770.2024.2388785
4304	Sankaramurthy P., Palaniswamy R., Sellamuthu S., Chelladurai F., Murugadhas A.	Lung disease prediction based on CT images using REInf-net and world cup optimization based BI-LSTM classification	Network: Computation in Neural Systems					1.1	10.1080/0954898X.2024.2392782
4305	Pavithra S.; Manimaran A.	Matrix representation of z-fuzzy soft β -covering based multigranulation fuzzy rough sets	Journal of Interdisciplinary Mathematics	27	5	1185	1191	1.1	10.47974/JIM-1951
4306	Mohan I.; Venkataraman M.; Thilagavathi K.	Investigating utilizations of harmonic univalent functions employing the Prabhakar fractional operator within specific categories	Journal of Interdisciplinary Mathematics	27	5	1099	1108	1.1	10.47974/JIM-1936
4307	George R.; Sunitha V.	Navigating the Ecological Self: A Deep Ecological Analysis of Self Realization in the Film AVATAR.	Human Arenas					1.1	10.1007/s42087-024-00446-x
4308	Vadivel S.; Subramaniyam R.U.; Pathipooranam P.; Thangamuthu G.S.	Optimising the exergy efficiency of microgrid system with integration of hybrid renewable energy sources	International Journal of Exergy	45	01-Feb	71	93	1.1	10.1504/IJEX.2024.141690

4309	Manogaran G.; Anbalagan S.	INVESTIGATION OF TURBULENCE CHARACTERISTICS AND ITS INFLUENTIAL PARAMETRIC OPTIMIZATION OF A DOUBLE- SIDED LID-DRIVEN CAVITY USING TAGUCHI AND ANOVA METHODS	Thermal Science	28	4	3219	3233	1.1	10.2298/TSCI230910 056M
4310	Narayanan L.; Suseem S.R.	Exploring the Antibacterial Activity of Ipomoea staphylina Extracts Against H. pylori: A Pharmacognostic Investigation of Whole Plant and Matured Stem with Emphasis on Quercetin Isolation	Tropical Life Sciences Research	35	3	215	242	1.1	10.21315/TLSR2024.3 5.3.10
4311	Manimaran S.; Priya D.U.	PPSSDHE: privacy preservation in smartphone sensors data using ElGamal homomorphic encryption	International Journal of Sensor Networks	46	4	218	229	1.1	10.1504/IJSNET.2024. 142718
4312	J D.; R. L. N R.	Transcending heroic archetypes beyond sword and shield in Brandon Sanderson's the stormlight archive series	Cogent Arts and Humanities	11	1	0	0	1.1	10.1080/23311983.20 24.2429919
4313	Rymzhina A.R.; Sharma P.; Podlipnov V.V.; Artemyev D.N.; Tukmakov K.N.; Pavelyev V.S.; Platonov V.I.; Mishra P.; Tripathi N.	Ultra-fast highly sensitive flexible infrared detector	Computer Optics	48	3	363	370	1.1	10.18287/2412-6179- CO-1325
4314	Sreenivasulu T.; Rayalu G.M.	Enhanced PM2.5 prediction in Delhi using a novel optimized STL CNN-BILSTM-AM hybrid model	Asian Journal of Atmospheric Environment	18	1	0	0	1.1	10.1007/s44273-024- 00048-7

4315	Thabrez M.; Parimalarenganayaki S.	Fuzzy Synthetic Evaluation for classifying Groundwater quality for irrigation in the parts of Tumkur district, Karnataka: Insights of uncertainty management at class boundary condition	Pollution	11	1	1	14	1.1	10.22059/poll.2024.373995.2285
4316	Arumugam S.; Bhargavi R.	Generative AI and Online Learning Based Road Rage and Aggressive Driving Detection	International Journal of Intelligent Transportation Systems Research	0	0	0	0	1.1	10.1007/s13177-024-00450-z
4317	A S.J.; M S.	Upending the norms: the representation of Theyyam in Kerala's popular culture	Cogent Arts and Humanities	11	1	0	0	1.1	10.1080/23311983.2024.2438488
4318	Manochkumar J., Ramamoorthy S.	Artificial intelligence in the 21st century: the treasure hunt for systematic mining of natural products	Current Science	126	1	19	35	1	10.18520/cs/v126/i1/19-35
4319	Arulmurugan S., Kumar T.R.S., Alex Z.C.	Screen Printed High Gain EBG-Based Wearable Textile Antenna for Wireless Medical Band Applications	Progress In Electromagnetics Research M	123		137	144	1	10.2528/PIERM24010504
4320	K K.N., D H.B., S H.R., P V S.N.	Magneto-Stefan blow enhanced heat and mass transfer flow in non-Newtonian ternary hybrid nanofluid across the nonlinear elongated surface	Numerical Heat Transfer, Part B: Fundamentals					1	10.1080/10407790.2024.2314133

4321	Babu G.V., Patel D.K.	Effect of Semi-elliptical Outer Blade-surface on the Savonius Hydrokinetic Turbine Performance: A Numerical Investigation	Journal of Applied Fluid Mechanics	17	4	828	843	1	10.47176/jafm.17.4.2235
4322	Vijatha M., Bala Anki Reddy P.	Second law analysis on magnetohydrodynamics flow of Eyring-Powell hybrid nanofluid over a cylinder/plate with non-linear thermal radiation and Cattaneo-Christov heat flux: Numerical and semi-analytical simulations	Numerical Heat Transfer, Part B: Fundamentals					1	10.1080/10407790.2024.2310719
4323	Shantha Sheela J., David Maxim Gururaj A.	Analysis of heat, mass transfer, and microorganism density rates in bioconvection nanofluid flow under the influence of thermal radiation using response surface methodology	Numerical Heat Transfer, Part B: Fundamentals					1	10.1080/10407790.2024.2308581
4324	Gu X., Wang Q., Ji S., Zhou D., Raj R.S.P.	Trajectory Method for Defense Human Motion Posture Based on Nano-Sensor	Brazilian Archives of Biology and Technology	67				1	10.1590/1678-4324-2024230247
4325	Behera B.N., Hotta T.K.	Experimental studies on performance and emission measures of a 4-stroke compression ignition engine using palm bio-diesel blended with N-butanol	Journal of Engineering Research (Kuwait)					1	10.1016/j.jer.2023.07.010

4326	Sanjay V., Swarnalatha P.	Development of hybrid deep CNN with denoising MLP for accurate prediction of Alzheimer's disease	Intelligent Decision Technologies	18	1	427	440	1	10.3233/IDT-230479
4327	Muthumanikandan V., George T.T., Harendra R.K.	Enhanced model-driven web application development with code generation using deep learning technique	Intelligent Decision Technologies	18	1	75	90	1	10.3233/IDT-220319
4328	Pradeepa S., Gaspar N., Shanmuganathan V., Subbulakshmi P., Alkhayyat A., Kaliappan M.	Classifying promoters by interpreting the hidden information of DNA sequences for disease prediction in clinical laboratories using Gaussian decision boundary estimation	Intelligent Decision Technologies	18	1	613	631	1	10.3233/IDT-230283
4329	Edison M., Jeeva J.B., Singh M.	Analysis of morphological changes in erythrocytes in malaria by shape descriptors prior to and after antimalarial drugs	Current Science	126	5	555	561	1	10.18520/cs/v126/i5/555-561
4330	Immaculate S., Rajendran P.	Analysis of the Economic Cost of Coxian-2 Service with Encouraged Arrival and Balking	International Journal of Analysis and Applications	22				1	10.28924/2291-8639-22-2024-41
4331	R. P., P. K., A. S.A.	Predicting academic performance of learners with the three domains of learning data using neuro-fuzzy model and machine learning algorithms	Journal of Engineering Research (Kuwait)					1	10.1016/j.jer.2023.09.006

4332	Subashini M., Sumathi V.	Smart algorithms for power prediction in smart EV charging stations	Journal of Engineering Research (Kuwait)					1	10.1016/j.jer.2023.11.028
4333	Karanjgaokar V., Rahatgaonkar S., Rathour L., Mishra L.N., Mishra V.N.	Approximation of Periodic Functions by Wavelet Fourier Series	International Journal of Analysis and Applications	22				1	10.28924/2291-8639-22-2024-61
4334	Sudhakar M.V., Rajini G.K.	Effect of the Fiber Bragg Grating Based Dispersion Control on the Transmission Length of Pico Second Optical Pulses in a Single Mode Fiber Link	Nonlinear Optics Quantum Optics	59	03-Apr	263	271	1	
4335	Rajagopal D.	Laminar flow and convective heat transfer characteristics of plain and wavy wall cross confined circular cylinder	Numerical Heat Transfer, Part B: Fundamentals					1	10.1080/10407790.2024.2344064
4336	Reddy S.R.R., Sekhar K.R., Charupalli S.K., Jakeer S., Lakshmi Rupa M., Manikandan K., Mahesh Kumar T.	Impact of Arrhenius activation energy on magnetic nanofluid flow over a slendering stretchable sheet with nonlinear radiative heat transfer: A machine learning algorithm	Numerical Heat Transfer, Part B: Fundamentals					1	10.1080/10407790.2024.2333942
4337	Reddappa B., Geetha R., Kumar B.R., Akermi M., Khan M.I., Khan I.	Nonlinear coupled ODEs for nanofluid flow and heat transfer with varying thickness: A comparative study	Numerical Heat Transfer, Part B: Fundamentals					1	10.1080/10407790.2024.2333013

4338	Aarathi T., Reddy A.S.	Numerical investigations on the entropy generation and heat transfer of an unsteady micropolar hybrid nanofluid flow over an inclined stretching surface	Numerical Heat Transfer, Part B: Fundamentals					1	10.1080/10407790.2024.2333029
4339	Harikumar Y., Muthumeenakshi M.	An Innovative Study on Stock Price Prediction for Investment Decision Through ARIMA and LSTM with Recurrent Neural Network	New Mathematics and Natural Computation					1	10.1142/S179300572550036X
4340	Mahitha O., Golla V.K.A., Akgül A., Bangalore R.K.	New YAC time-fractional derivative approach for water-based hydromagnetic chemically reacting radiative flow of nanofluid with copper nanoparticles past an upright plate	Numerical Heat Transfer, Part B: Fundamentals					1	10.1080/10407790.2024.2345703
4341	A A., B M.	The politics of fat positivity and fat acceptance: Exploring select post-millennial, South Indian "fat films"	Fat Studies					1	10.1080/21604851.2024.2354635
4342	Jagadesh V., Sreenadh S., Ajithkumar M., Sucharitha G., Lakshminarayana P.	Convective peristaltic pumping of MHD Ree-Eyring nanofluid in a chemically reacting flexible divergent channel with activation energy and radiation	Radiation Effects and Defects in Solids					1	10.1080/10420150.2024.2332207

4343	S.S.J., S.S.G.	Artificial intelligence approach for diagnosing banana crop diseases through image processing framework: an insightful survey journey from farmers field to digital cloud	Archives of Phytopathology and Plant Protection	57	3	163	199	1	10.1080/03235408.2024.2347966
4344	Ravi H.K., Natesan Chokkalingam L.	New Steady State Current Error Limiters for PMSM Drives	Gazi University Journal of Science	37	2	718	743	1	10.35378/gujs.1253423
4345	Raghavendra B., Dhanushkumar T., Selvam P.K., Gopikrishnan M., George Priya Doss. C., Vasudevan K.	Computational design of a multi-epitope-based vaccine targeting the BF.7 Omicron variant of SARS-CoV-2	Gene Reports	36				1	10.1016/j.genrep.2024.101943
4346	Prabhu T.N., Ranjeethkumar C., Mohankumar B., Rajaram A.	Deep Reinforcement Learning-Based Detection Framework for False Data Injection Attacks in Power Systems	International Journal of Renewable Energy Research	14	2	311	323	1	10.20508/ijrer.v14i2.14554.g8892
4347	Jain N., Sharma S., Thakur V., Nutakki M., Mandava S.	Prediction and Analysis of Household Energy Consumption Integrated with Renewable Energy Sources using Machine Learning Algorithms in Energy Management	International Journal of Renewable Energy Research	14	2	354	362	1	10.20508/ijrer.v14i2.14301.g8895
4348	Velayudhan J., Subramanian S.	Selenium-Doped Biochar for Removal of Anionic Acid Red and Cationic Crystal Violet Dye	Nano					1	10.1142/S1793292024500322

4349	Sunny G., Palani Rajan T.	An effect of retting process and extraction methods on physical and mechanical properties of areca nut fibers	International Journal of Clothing Science and Technology					1	10.1108/IJCST-09-2023-0133
4350	Sreedharan R., Balachandar S.R., Udhayakumar R., Etemad S., Avci İ., Rezapour S.	On the fractional perturbed neutral integro-differential systems via deformable derivatives: an existence study	Boundary Value Problems	2024	1			1	10.1186/s13661-024-01879-7
4351	Karthikeyan N.K., Elavenil S.	Enhancing the interface of cement-paste composite by dispersing sustainable nano-carbon pyrolytic char with silica fume: a sustainable and effective approach	Global Nest Journal	26	4			1	10.30955/gnj.005662
4352	A S., S S., J P., Prakash P., Sneha A.	Thermal image dataset for okra maturity analysis	Data in Brief	55				1	10.1016/j.dib.2024.110645
4353	Rayer C.J., Jeyaraj R.S.	Computation of Some Graph Energies of the Zero-Divisor Graph Associated with the Commutative Ring (Formula presented)	Iranian Journal of Mathematical Chemistry	15	2	79	90	1	10.22052/IJMC.2023.252990.1723
4354	Nair S., Hrishikesh M.V., Sudeep S.M., Augustine A., Abraham J.	Degradation of High-density Polyethylene Mediated by Fungus Talaromyces liani JA2HS	Applied Biochemistry and Microbiology					1	10.1134/S0003683823602159
4355	Shanmuganathan N., Senthil Pandian M., Deepa Nivethika S., Thulasirajan K., Karthikeyan K.	Eco-friendly road construction: Harnessing fly ash and waste marble powder for sustainable road construction using a fuzzy logic assessment	Global Nest Journal	26	4			1	10.30955/gnj.005601

4356	Rukshana Bi G., Kumar Jindal S.	Novel Design of Double Touch Plano-Convex MEMS Capacitive Pressure Sensor: Robust Design, Theoretical Modeling, Numerical Simulation and Performance Comparison	Nano					1	10.1142/S1793292024500863
4357	Katoch A., Razak F.A., Suresh A., Bibin B.S., Farina A.R., Cirillo L., Mystkowski A., Smierciew K., Dudar A., Gundabattini E.	Performance Estimation of Blended Nano-Refrigerants' Thermodynamic Characteristics and Refrigeration Efficacy	Acta Mechanica et Automatica	18	2	282	290	1	10.2478/ama-2024-0031
4358	Fasogbon I.V., Ondari E.N., Tsubira D., Ogonnia E.C., Ashley J., Sasikumar S., Aja P.M.	A critical review of the limitations of current diagnostic techniques for schistosomiasis	All Life	17	1			1	10.1080/26895293.2024.2379305
4359	Sivadas B.N., Ullas J., Paul S.	A change detection algorithm for the SAR images based on DWT and DE optimization	Journal of Spatial Science					1	10.1080/14498596.2024.2384636
4360	Chithambaramani R., Jayashree K., Krishna B.V., Mohan P.	An Efficient Ontology-Based Semantic Interoperability Using MSGO-RNN in Cloud Computing	Journal of Optimization	2024	1			1	10.1155/2024/4974938

4361	Attia M.E.H., Hussein A.K., Vaithilingam S., Shaik S., Younis O.	Experimental Study on Thermo, Water Quality and Economic Analysis of Hemispherical Solar Still Using Different Basin Materials with and without Internal Reflector	Iranian Journal of Chemistry and Chemical Engineering	43	3	1267	1278	1	10.30492/ijcce.2023.2000114.5970
4362	Alluhaidan A.S., Prabu P., Basheer S., Aziz R., Prakash P.	Integrated hybrid membrane system for enhanced water treatment and desalination for environmental preservation	Desalination and Water Treatment	320				1	10.1016/j.dwt.2024.100722
4363	Akshaykumar N., Durairaj S.	LSSVML Hammerstein Identification and Nonlinear Model-Based Controller Paradigms for a Real-Time pH Neutralization Process	Iranian Journal of Chemistry and Chemical Engineering	43	1	395	417	1	10.30492/ijcce.2023.1987608.5819
4364	Vaegae N.K., Annepu V., Bagadi K., Dahan F.	Multisensor Fuzzy Logic Approach for Enhanced Fire Detection in Smart Cities	Journal of Optimization	2024	1			1	10.1155/2024/8511649
4365	Bibin B.S., Bhramara P., Mystkowski A., Gundabattini E.	Predictive Analysis on the Influence of Al ₂ O ₃ and CuO Nanoparticles on the Thermal Conductivity of R1234yf-Based Refrigerants	Acta Mechanica et Automatica	18	3	474	482	1	10.2478/ama-2024-0050

4366	Sheeba M.J., Christopher B.P.	The role of psychological empowerment dimensions in promoting innovative work behaviours via creative self-efficacy in the Indian automobile industry: an empirical investigation using PLS-SEM and IPMA	International Journal of Innovation and Learning	36	2	179	212	1	10.1504/IJIL.2024.140261
4367	Shunmuga Vembu P.R., Ammasi A.K.	Magnesite mine waste as a sustainable binder for low-fines self-compacting concrete: engineering property and ecological impact	Global Nest Journal	26	6			1	10.30955/gnj.06124
4368	Jenani R., Karishmaa S., Babu Ponnusami A., Senthil Kumar P., Rangasamy G.	A recent development of low-cost membranes for microbial fuel cell applications	Desalination and Water Treatment	320				1	10.1016/j.dwt.2024.100698
4369	Muthukrishnan M., Andavar S., Raj R.S.P.	A Fused Feature Selection Technique for Enhanced Sentiment Analysis Using Deep Learning	Brazilian Archives of Biology and Technology	67		1	16	1	10.1590/1678-4324-2024240183
4370	Selvi S., Alshammari A., Alzaidi M.S.A., Karthika S.K.	Enhancing Text Summarization with Linguistic Prompting and Reinforcement Learning: A Human-Centered Approach	Tehnicki Vjesnik	31	5	1431	1437	1	10.17559/TV-20231213001202

4371	Afjal M., Nagarajan C.D., Sanan P., Birau R., Pai V.T., Nioata R.-M., Nioata A.	Navigating the complexity of sustainable transition in the textile and apparel industry: a comprehensive analysis across disciplines, geographies and stakeholders [Navigarea prin complexitatea tranziției sustenabile în industria textilă și de îmbrăcăminte: o analiză exhaustivă între discipline, zone geografice și actori implicați]	Industria Textila	75	4	514	532	1	10.35530/IT.075.04.2023108
4372	Loumachi L., Yousfi A., Saidani O., Alsubaie A.S., Abed O., Amiri S., Sahoo G.S., Islam M.R.	STRENGTHEN THE POWER CONVERSION EFFICIENCY OF SOLAR CELL BASED RbGeI3: NUMERICAL APPROACH1	East European Journal of Physics	2024-September	3	416	424	1	10.26565/2312-4334-2024-3-50
4373	Sahu D., Dhurandher B.K., Jain S., Gupta A., Kumar S.	Experimental and Numerical Investigation of Fire Dynamics Inside the Closed Enclosure	Iranian Journal of Chemistry and Chemical Engineering	43	4	1810	1823	1	10.30492/ijcce.2023.2000469.5978
4374	Attia M.E.H., Murshitha Shajahan M.S., Vembu S., Kabeel A.E., Abdelgaied M., Saboor S.	Improving the Evaporation Rate of Hemispherical Solar Still Yield Using Micro/Nano-Particles of Copper Oxide: Energy, Exergy, and Cost-Effective Analysis	Iranian Journal of Chemistry and Chemical Engineering	43	4	1731	1747	1	10.30492/ijcce.2024.2004145.6063

4375	Babu T.N., Shyam S., Prabha D.R., Kaul S., Kalsara N.	Investigation of the Mechanical Properties of Hybrid E-Glass and Mohair Fiber Reinforced Epoxy Composites	International Journal of Automotive and Mechanical Engineering	21	3	11606	11615	1	10.15282/ijame.21.3.2024.12.0895
4376	Roobankumar R., Senthilpandian M.	Physical and mechanical properties of lightweight concrete with the incorporation of waste disposal polyurethane foam as coarse aggregate	Global Nest Journal	26	7			1	10.30955/gnj.05845
4377	Venkatesh S., Vijayalakshmi S.	Reviewing Biopolymers: Pioneering Sustainable Alternatives to Traditional Plastics Using Algae	Global Nest Journal	26	6			1	10.30955/gnj.06032
4378	Karthikeyan S.P., Thomas P.	Optimization Strategies for Electric Vehicle Charging and Routing: A Comprehensive Review	Gazi University Journal of Science	37	3	1256	1285	1	10.35378/gujs.1321572
4379	Vishnu D., Dhandapani B., Vijayasimhan S., Karthick P.	A comprehensive review of advances in pollutant removal and synthesizing of valorised products from industrial wastewater using bacterial consortia	Desalination and Water Treatment	320				1	10.1016/j.dwt.2024.100741
4380	Arun D.R.; Columbus C.C.; Bhuvanesh A.; Sumithra A.S.	SMART CROWD MONITORING SYSTEM USING IOT-BASED YOLO-GHOST	Revue Roumaine des Sciences Techniques Serie Electrotechnique et Energetique	69	3	345	350	1	10.59277/RRST-EE.2024.69.3.15

4381	Rambola A.R.; Andavar S.; Raj R.S.P.	COVID-19 Severity Prediction Using Combined Machine Learning and Transfer Learning Approaches	Brazilian Archives of Biology and Technology	67				1	10.1590/1678-4324-2024240297
4382	M V.; A S.	A comprehensive annotated image dataset for real-time fish detection in pond settings	Data in Brief	57				1	10.1016/j.dib.2024.111007
4383	Saruk B.S.; Rayalu G.M.	Integrating Machine Learning for Enhanced Agricultural Productivity: A Focus on Bananas and Arecanut in the Context of India's Economic Growth	Journal of Statistical Theory and Applications	23	4	408	426	1	10.1007/s44199-024-00090-y
4384	Sandhiya V.; Nalliah M.C.	Local Total Antimagic Chromatic Number for the Disjoint Union of Star Graphs	European Journal of Pure and Applied Mathematics	17	4	2828	2842	1	10.29020/nybg.ejpam.v17i4.5383
4385	Baskara F.X.R.; Vasudevan A.; Sain Z.H.; Tee M.; Arumugam V.; Parahakaran S.; Balakrishnan R.	Redefining educational paradigms: Integrating generative AI into society 5.0 for sustainable learning outcomes	Journal of Infrastructure, Policy and Development	8	12	0	0	1	10.24294/jipd.v8i12.6385
4386	Manickam M.; Desikan K.	Relationship Between the Second Largest Adjacency and Signless Laplacian Eigenvalues of Graphs and Properties of Planar Graphs	European Journal of Pure and Applied Mathematics	17	4	3004	3021	1	10.29020/nybg.ejpam.v17i4.5364
4387	Anilkumar R.; Vinayak A.K.; Kiran B.; Gurumoorthy A.V.P.	Study of municipal solid waste treatment using plasma gasification by application of Aspen Plus	Chemical Product and Process Modeling	0	0	0	0	1	10.1515/cppm-2024-0053

4388	Vanmathi M.; Priya A.; Tahir M.S.; Sahir; Razakh M.S.; Kumar M.S.; Indrajit R.; Elango V.; Senguttuvan G.; Mangalaraja R.V.	Synthesis and characterization of Sn-doped TiO ₂ thin films for biosensor application	Digest Journal of Nanomaterials and Biostructures	19	3	1345	1352	1	10.15251/DJNB.2024. 193.1345
4389	Baskar A.; Parthiban V.	A finite element approach to the Keller-Segel Chemotaxis system with impact of nonlocal diffusion	Boundary Value Problems	2024	1	0	0	1	10.1186/s13661-024- 01976-7
4390	Kasinathan P.; Jayachandran J.; Chitra R.J.; Egambaram M.; Manivel S.; Palraj K.	Evaluating Water Quality through Macroinvertebrate Diversity and Physicochemical Parameters in the Thamirabarani River Basin	Global Nest Journal	26	10	0	0	1	10.30955/gnj.06044
4391	Deepajothi S.; Umamaheswari. M.; Viswanathan A.; Juliana R.	Exploring Gene Expression Biclustering with Integrated PSO- SA-Fuzzy Logic Methodology and its Application to Air Pollution Analysis	Global Nest Journal	26	9	0	0	1	10.30955/gnj.06170
4392	Koduri S.C.; Napoleon A.A.	Mathematical Model Application for In Vitro Release Kinetics of Ranolazine Extended-Release Tablets	Dissolution Technologies	31	4	182	188	1	10.14227/DT310424P 182
4393	Vivek K.; Nageshwar Rao R.	Numerical algorithms based on splines for singularly perturbed parabolic partial differential equations with mixed shifts	Boundary Value Problems	2024	1	0	0	1	10.1186/s13661-024- 01971-y

4394	Nirmalan R.; Puyalnithi T.; Karkuzhali S.; Satish C.J.	Real Time Monitoring of Air Pollution using AI based IoT and novel SARIMA technique in Sivakasi-Tamil Nadu	Global Nest Journal	26	9	0	0	1	10.30955/gnj.06153
4395	Murugusundaramoorthy G.; Bulboac? T.	SUFFICIENT CONDITIONS OF SUBCLASSES OF SPIRAL-LIKE FUNCTIONS ASSOCIATED WITH MITTAG-LEFFLER FUNCTIONS	Kragujevac Journal of Mathematics	48	6	921	934	1	10.46793/KgJMat2406.921M
4396	Nadeem M.; Betrico N.H.H.; Devarajalu R.P.; Gopalan V.; Prakasam V.; Degalahal M.R.; Pitchumani S.V.	Virtual Fatigue Life Prediction of Cellulose Microfibrils Reinforced Polymer Composite	Brazilian Archives of Biology and Technology	67	0	0	0	1	10.1590/1678-4324-2024240029
4397	Haratyan F.	An ode to poets	Journal of Poetry Therapy	0	0	0	0	1	10.1080/08893675.2024.2430673
4398	Rashid M.H.; Singha S.; Arshad F.; Sen P.	Exploring the Potential Long-term Impact of SARS-CoV-2 on Protein Misfolding and Amyloid-related Conditions	Protein and peptide letters	31	8	602	610	1	10.2174/0109298665333817240821111641
4399	Patwari A., Kunchala P.	Novel Sparse Linear Array Based on a New Suboptimal Number Sequence with a Hole-Free Difference Co-Array	Progress in Electromagnetics Research Letters	116		23	30	0.9	10.2528/PIERL23102706
4400	Osei R.S., Lopez D.	Experience Replay Optimization via ESMM for Stable Deep Reinforcement Learning	International Journal of Advanced Computer Science and Applications	15	1	715	723	0.9	10.14569/IJACSA.2024.0150171

4401	Udhayanan S., Shambavi K.	Compact Single Notch UWB Bandpass Filter with Metamaterial and SIW Technique	Progress in Electromagnetics Research Letters	117		41	46	0.9	10.2528/PIERL23113004
4402	Cholavendan M., Rajeshkumar V.	Dual-Feed Orthogonally Polarized Compact 8-Element MIMO Antenna Using Metallic Stub and Decoupling Unit for Isolation Enhancement of Sub-6 GHz 5G Application	Progress in Electromagnetics Research Letters	116		105	111	0.9	10.2528/PIERL23121104
4403	Abirami L., Karthikeyan J.	Review on Improved Machine Learning Techniques for Predicting Chronic Diseases	Optical Memory and Neural Networks (Information Optics)	33	1	28	46	0.9	10.3103/S1060992X24010028
4404	Santhakumari S., Kamalakannan J.	A Review on Applications of Electroencephalogram: Includes Imagined Speech	International Journal of Advanced Computer Science and Applications	15	2	390	398	0.9	10.14569/IJACSA.2024.0150242
4405	Gayathri P., Geetha N., Sridhar M., Kuchipudi R., Suresh Babu K., Maguluri L.P., Kiran Bala B.	Deep Learning Augmented with SMOTE for Timely Alzheimer's Disease Detection in MRI Images	International Journal of Advanced Computer Science and Applications	15	2	499	508	0.9	10.14569/IJACSA.2024.0150253
4406	Kaladevi A.C., Kumar V.V., Velmurugan A.K., Gunasekaran K., Swapna B., Kumar V.D.	Realization and Prediction of IoT-based Dynamic Social Interactions for the Future Recommendations	Ad-Hoc and Sensor Wireless Networks	58	03-Apr	243	271	0.9	10.32908/ahswv58.10871

4407	Iyer V.M., Nair S.R., Ganesh S.K., Mohanasrinivasan V.S.D.C.	PRODUCTION, OPTIMIZATION AND PARTIAL PURIFICATION OF NATTOKINASE FROM BACILLUS CEREUS; A STRAIN ISOLATED FROM GRAPE WINE	Journal of Microbiology, Biotechnology and Food Sciences	13	5			0.9	10.55251/jmbfs.103 55
4408	Kandasamy K., Samuel E.J.J.	Dosimetric Evaluation of Semiflex Three-dimensional Chamber under Unflatten Beam in Comparison among Different Detectors	Journal of Medical Physics	49	1	84	94	0.9	10.4103/jmp.jmp_11 5_23
4409	Singh B.M., Jaisankar N.	Secure Sharing of Patient Controlled e-Health Record using an Enhanced Access Control Model with Encryption Based on User Identity	International Journal of Advanced Computer Science and Applications	15	3	1267	1276	0.9	10.14569/IJACSA.20 24.01503124
4410	Anghel L.C., Zwak- Cantoriu M.-C., Obreja C., Afjal M.	The Impact of "Black Swan" Events on Oil and the European Capital Markets	Economic Computation and Economic Cybernetics Studies and Research	58	1	153	168	0.9	10.24818/18423264 /58.1.24.10
4411	Saran Raj S., Surendiran B., Raja S.P.	Designing a deep hybridized residual and SE model for MRI image-based brain tumor prediction	Journal of Clinical Ultrasound					0.9	10.1002/jcu.23679

4412	Gondhalekar R., Chattamvelli R.	A Comprehensive Review of Dimensionality Reduction Techniques for Real-time Network Intrusion Detection with Applications in Cybersecurity	Defence Science Journal	74		246	255	0.9	10.14429/dsj.74.18953
4413	Abdullah A.B., Jawahar M., Manogaran N., Subbiah G., Seeranagan K., Balusamy B., Saravanan A.C.	Leather Image Quality Classification and Defect Detection System using Mask Region-based Convolution Neural Network Model	International Journal of Advanced Computer Science and Applications	15	4	526	536	0.9	10.14569/IJACSA.2024.0150455
4414	Nithyanandam V., Sampath V.	Design of 1.4 GHz WMTS Band Implantable Antenna and Performance Measurement for Bio-Telemetric Applications	Progress in Electromagnetics Research Letters	119		67	72	0.9	10.2528/PIERL24011401
4415	Raviteja T., Kumar M.N., Sirisha J.	ONWARD AND AUTONOMOUSLY: EXPANDING THE HORIZON OF IMAGE SEGMENTATION FOR SELF-DRIVING CARS THROUGH MACHINE LEARNING	Scalable Computing	25	4	3163	3171	0.9	10.12694/scpe.v25i4.2869
4416	Sahaaya Arul Mary S.A., Anwar Basha H., Mohanraj G., Kiruthikaa R., Saranya N.	Leveraging 5G and cloud computing for outlier detection in IoT environments: A KNN approach	Internet Technology Letters					0.9	10.1002/itl2.550

4417	Thummaluru S.R., Kumar R., Chaudhary R.K.	Frequency-Tunable SIW Band- Reject Filter with Increased Fundamental Mode Bandwidth for Spectrum Underlay Cognitive Radio	International Journal of RF and Microwave Computer-Aided Engineering	2024					0.9	10.1155/2024/4303 470
4418	Yuvasri R., Manimaran A.	A key exchange protocol and a cryptosystem based on the generalized decomposition problem	International Journal of Computer Mathematics: Computer Systems Theory						0.9	10.1080/23799927.2 024.2357324
4419	Rathi K., Gomathi V., Raja S.P.	A novel approach of visual image reconstruction from fMRI using Kohonen Network Information Maximizing Generative Adversarial Network	International Journal of Wavelets, Multiresolution and Information Processing						0.9	10.1142/S02196913 24500322
4420	Thakur A., Mahesh T.R., Khan S.B., Palaiahnakote S., Vinoth Kumar V., Almusharraf A., Mashat A.	An Adaptive Xception Model for Classification of Brain Tumors	International Journal of Pattern Recognition and Artificial Intelligence	38	8				0.9	10.1142/S02180014 24560056
4421	Sheriff I.M., Sakthivel R.	Generalized Bio-Plausible Neuron Model with Refractoriness, Frequency Adaptation and Dynamic Threshold	Journal of Circuits, Systems and Computers						0.9	10.1142/S02181266 2450292X

4422	Deenadayalan T., Shantharajah S.P.	Improved performance for Alzheimer's disease earlier detection and diagnosis using deep learning algorithms	International Journal of Engineering Systems Modelling and Simulation	15	4	174	180	0.9	10.1504/IJESMS.2024.139541
4423	Islam S.S., Ousro F.K., Kadir M.M., Moonmoon S., Azam M.G., Khomphet T., Hasan A.K., Soufan W., Rajendran K., Abdelhamid M., Sabagh A.E.	INVESTIGATING THE EFFECTS OF GENOTYPE AND ENVIRONMENT INTERACTION (GEI) AND STABILITY ANALYSIS ON SHORT-DURATION RAPESEED YIELD AND OIL CONTENT UNDER DIFFERENT ENVIRONMENTAL CONDITIONS	Pakistan Journal of Botany	56	5	1749	1760	0.9	10.30848/PJB2024-5(12)
4424	Kubendiran I., Ramaiah M.	Modeling, Mapping and Analysis of Floods Using Optical, Lidar and SAR Datasets—a Review	Water Resources	51	4	438	448	0.9	10.1134/S0097807823600614
4425	Singh H., Mittal A.K., Balyan L.K.	Pseudospectral analysis for multidimensional fractional Burgers equation based on Caputo fractional derivative	Arabian Journal of Mathematics					0.9	10.1007/s40065-024-00465-0
4426	Nagarjun A.V., Rajkumar S.	Exploring the Potential of Deep Learning and Blockchain for Intrusion Detection Systems: A Comprehensive Review	Journal of Circuits, Systems and Computers					0.9	10.1142/S0218126624300071

4427	Rameshbabu J., Swaminathan U.	Consumer Awareness and Contemporary Policy Regulations on Artificial Food Colourants Safety in India	Current Research in Nutrition and Food Science	12	2	908	922	0.9	10.12944/CRNFSJ.12.2.33
4428	Timbang A., Reddy Prasad D.M., Azri M.H., Raja Sekhar Y.	Empowering women in process safety: addressing challenges and promoting opportunities in Brunei	Indian Chemical Engineer					0.9	10.1080/00194506.2024.2402453
4429	Sriharipriya K.C., Clement J.C., Mary G.I., Natraj C., Tharun Kumar R., Gokul R.	Enhanced synthetic generation of channel state information for millimeter-wave networks in 5G communication systems	Internet Technology Letters					0.9	10.1002/itl2.577
4430	Avinash J.; Vijaya Chamundeeswari S.P.	Synthesis and Characterization of Cu ₂ O Nanoplates and Photocatalytic Degradation of Organic Pollutant under Visible Light	High Energy Chemistry	58	5	536	542	0.9	10.1134/S0018143924700401
4431	Sharma S.; Kumar J.; Singh N.K.; Kumar A.	District-level Study of Uttar Pradesh Based on the MCDM Approach	Journal of Reliability and Statistical Studies	17	1	191	222	0.9	10.13052/jrss0974-8024.1718
4432	Prabadevi B.; Deepa N.; Sudhagara Rajan S.; Srivastava G.	Blockchain for Edge Computing in Smart Environments: Use Cases, Issues, and Challenges	Journal of Circuits, Systems and Computers					0.9	10.1142/S0218126624300095
4433	Gopalan V.; Narayanaswamy H.B.; Mallikarjuna M.; Pragasam V.; Subramanian J.; Sampath A.	Design and analysis of gear made from natural fiber reinforced polymer matrix composite	Advances in Computational Design	9	4	269	283	0.9	10.12989/acd.2024.9.4.269

4434	Nagendhiran N.; Kuppusamy L.	Detection of Novel Classes in Dynamic Data Streams	International Journal of Pattern Recognition and Artificial Intelligence	38	14	0	0	0.9	10.1142/S0218001424 500216
4435	Basha S.A.K.; Durai Raj Vincent P.M.	DHERF: A Deep Learning Ensemble Feature Extraction Framework for Emotion Recognition Using Enhanced- CNN	Journal of Advances in Information Technology	15	7	853	861	0.9	10.12720/jait.15.7.853- 861
4436	Solomon Arockiadass S.A.M.; Thangavel N.; Prakash A.J.F.; Raja V.; Dhaigude R.	Enhanced 6G MIMO Signal Detection With Dynamic Sparse Region-Based Convolutional Neural Network With White Shark Optimization	Internet Technology Letters	0	0	0	0	0.9	10.1002/itl2.616
4437	Sekaran S.S.; Subaji M.	Optimized YOLO and Semi- Supervised Fuzzy Graph Convolutional Network (SSFGCN) For Surface Defect Recognition	Journal of Advances in Information Technology	15	12	1355	1365	0.9	10.12720/jait.15.12.13 55-1365
4438	Das Jennifer P., Porchelvan P.	Finite Element Analysis of Seismic Hazard in Post-mining Environments of Closed Underground Hard Rock Mines	Journal of Mining and Environment	15	1	73	96	0.8	10.22044/jme.2023. 13445.2481
4439	Raghavan S., Jayaraman G.	Inhibition of Bungarus caeruleus snake venom toxicity by Citrus reticulata methanolic extract and in- silico analysis of possible binding modes	Indian Journal of Traditional Knowledge	23	1	67	76	0.8	10.56042/ijtk.v23i1. 8147
4440	Wani S.A., Alam P., Nahid T.	Construction of hybrid form of Δh -Appell polynomials	Journal of Analysis					0.8	10.1007/s41478-023- 00717-w

4441	Ravi S., Rangasami S.R.S., Vadivel N., Kumar T.P., Harishankar K., Shankar S.V., Vigneshwaran R.	Productivity and Econometric Analysis of Leguminous Monkey-nut (<i>Arachis hypogaea</i> L.) as Influenced by Growth Retardant	Legume Research	47	1	52	58	0.8	10.18805/LR-5253
4442	Latha P., Nisha R.	An exploratory research on resilience and emotional intelligence among teaching professionals in the educational sector	International Journal of Innovation and Learning	35	2	177	198	0.8	10.1504/IJIL.2024.136472
4443	Parthasarathy M., Seenivasan V., Nithiyandam S., Katturajan R., Bhasakarmurthy D.H., Ganesan R., Gopalakrishnan A.V., Ahmad S.F., Prince S.E.	Protective Effect of Green Chiretta (<i>Andrographis paniculata</i>) against Methotrexate-induced Cardio and Spleen Toxicity: In-vitro and In-vivo	Natural Products Journal	14	3	68	77	0.8	10.2174/0122103155276658230928094402
4444	Rani P., Deshmukh K., Pandey M., Thangamani G., NambiRaj N.A., Murthy V.R.K., Pasha S.K.K.	Dielectric and impedance spectroscopy analysis of nano-zirconia encapsulated Poly(vinylidene fluoride-hexafluoropropylene) nanocomposites	Ferroelectrics	618	2	548	560	0.8	10.1080/00150193.2023.2273731
4445	Majumder T., Bhattacharjee A.	Synthesis of Graphene Quantum Dots: A Comprehensive Review	International Journal of Nanoscience	23	1			0.8	10.1142/S0219581X23300092
4446	Jagannathan B., Sivasubramaniam N.	Bulk arrival queue with unreliable server, balking and modified Bernoulli vacation	Hacettepe Journal of Mathematics and Statistics	53	1	289	304	0.8	10.15672/hujms.1181711

4447	Roy S., Dey S., Alkhalidi A.H., Ali A., Bhattacharyya A.	*-Ricci-Yamabe soliton on Kenmotsu manifold with torsion forming potential vector field	Filomat	38	8	2707	2719	0.8	10.2298/FIL2408707R
4448	Padma Sri Lekha P., Abdul Azeez E.P., O'Donnell R.R.	Non-communicable diseases and the prospects of integrated behavioral health in India: current status and future directions	Journal of Integrated Care					0.8	10.1108/JICA-11-2023-0083
4449	Viswanathan A., Kumar V.S., Umamaheswari M., Janarthanan V., Jaganathan M.	Semantic segmentation based on enhanced gated pyramid network with lightweight attention module	AI Communications	37	1	97	114	0.8	10.3233/AIC-220254
4450	Malathi A.C.J., Reddy B.V.K., Phanindra K.R.	A Decoupling method using Split Ring Resonator (SRR) for Tri-band MIMO Antenna for WLAN LTE Band and 5G applications	Advanced Electromagnetics	13	1	19	24	0.8	10.7716/aem.v13i1.2272
4451	Narayan S.S., Bhattacharjee A., Saha S., Puneeth V., Singhal A., Abdullaeva B.S.	THE ANALYSIS OF THE FLOW OF BLOOD IN A STENOSED ARTERY THROUGH SIMULATION: A COMPARISON AMONG VARIOUS NON-NEWTONIAN MODELS	Journal of Mechanics in Medicine and Biology					0.8	10.1142/S0219519424500106
4452	Mittal A.K.	Pseudospectral quadrature simulation technique for spatio-temporally parabolic multi-dimensional nonlinear fractional evolution equation	Journal of Analysis					0.8	10.1007/s41478-024-00750-3

4453	Raamkhumar M.H., Swamy T.	Bibliometric Cartography on Personality Traits and Stress: In Quest of Panaceas for Contemporary Workplace Challenges	Journal of Scientometric Research	13	1	298	316	0.8	10.5530/jscires.13.1. 25
4454	Varatharaj K., Tamizharasi R.	Non-linear thermal radiation and heat transfer effect on MHD flow of a micropolar fluid through a porous medium	Journal of Analysis					0.8	10.1007/s41478-024- 00777-6
4455	Natarajan G., Palani Rajan T.	Mechanical Properties of Cotton and High-Performance Fiber Blended Denim Fabrics for Motorcycle Protective Clothing	Journal of Testing and Evaluation	52	4			0.8	10.1520/JTE2023059 8
4456	Sivasubramani D.N.	Additively Manufactured Stress-strain Dependant Frequency Reconfigurable Antenna for Pressure Sensor Applications	Medziagotyra	30	2	143	148	0.8	10.5755/j02.ms.348 79
4457	Jagadha S., Rao B.M., Durgaprasad P., Gopal D., Prakash P., Kishan N., Muthunagai K.	Darcy Forchheimer two- dimensional thin flow of Jeffrey nanofluid with heat generation/absorption and thermal radiation over a stretchable flat sheet	Archives of Thermodynamics	45	2	247	259	0.8	10.24425/ather.202 4.150869
4458	Muthukrishnan K., Ramesh Kumar C.	Study on the effect of tab cooling on the lithium-ion battery pack life cycle	Archives of Thermodynamics	45	2	291	299	0.8	10.24425/ather.202 4.150873

4459	Bibin B.S., Chereches E.I., Mystkowski A., Smierciew K., Dudar A., Gundabattini E.	Thermo-physical properties, heat transfer characteristics and performance of nano-enhanced refrigerants: A review	Archives of Thermodynamics	45	2	311	322	0.8	10.24425/ather.2024.150875
4460	Patchipala S.B., Sharda S., Manna S.K., Pallapati R.K., Kolla J.N., Varala R., Golkonda M.R., Bollikolla H.B.	Synthesis, In vitro anticancer activity and molecular docking studies on some new phenylmorpholine linked aminotetrazoles and aryl tetrazoles	Arkivoc	2024	7			0.8	10.24820/ark.5550190.p012.189
4461	Antony J.M., Natarajan S.	Neural network and machine learning use cases: Indian bond market predictions	Economics and Finance Letters	11	1	57	79	0.8	10.18488/29.V1111.3667
4462	Vanamamalai V., Panneerselvam P.	Flame stabilization and combustion enhancement in a scramjet combustor by varying strut injection angles	Archives of Thermodynamics	45	3	167	178	0.8	10.24425/ather.2024.151227
4463	Jain S., Johari S., Delhibabu R.	The Future of Cryptocurrency Market Analysis: Social Media Data and User Meta-Data	Lobachevskii Journal of Mathematics	45	3	1160	1174	0.8	10.1134/S1995080224600717
4464	Ragavi S.P., Asharani I.V.	A Concise Review of the Synthesis and Applications of Acridine-1,8-dione Derivatives	Russian Journal of Organic Chemistry	60	5	876	902	0.8	10.1134/S1070428024050117

4465	Visalini K., Alagarsamy S., Raja S.P.	Detecting Epileptic Seizures Using Symplectic Geometry Decomposition-Based Features and Gaussian Deep Boltzmann Machines	International Journal of Image and Graphics	24	4			0.8	10.1142/S021946782450044X
4466	Ramu V., Lakshminarayanan K.	Effect of multi-digit tactile imagery training on reaction time	Biomedical Human Kinetics	16	1	210	218	0.8	10.2478/bhk-2024-0022
4467	Nawaz I.S.S., Musthafa B., Srinivasan S.A., Asokan M.A.	Influence of Nano Fuel Additives on Filter Blocking Characteristics Blended with Biodiesel-Bioethanol-Diesel Blends	Solid Fuel Chemistry	58	4	280	284	0.8	10.3103/S0361521924700162
4468	Chakraborty P., Majumder T., Dhar S., Mondal S.P.	Nonenzymatic Hydrogen Peroxide and Glucose Sensing Using TiO ₂ /CuO Hierarchical Heterojunction Nanostructure	Nano LIFE					0.8	10.1142/S1793984424500168
4469	Lakshmi Devi G., Niranjana H.	Stagnation point flow of a nanofluid over a stretching sheet in the presence of a melting point and a chemical reaction	Latin American Applied Research	54	3	417	424	0.8	10.52292/j.laar.2024.3304
4470	Majumder T., Dhar S., Chakraborty P., Mondal S.P.	Zinc Oxide Nanorods/Reduced Graphene Oxide for Schottky Junction Ultraviolet Photodetector Application	Nano LIFE					0.8	10.1142/S1793984424500193

4471	Ravi S., Rangasami S.R.S., Sathiya K., Rajanbabu V., Fanish S.A., Murugaragavan R., Yazhini G., Kumar T.P.	Numerical Variables Analysis and Improving Phosphorus Use Efficiency in Groundnut with Microbial Cultures in Coastal Zone of Puducherry	Legume Research	47	8	1366	1371	0.8	10.18805/LR-5351
4472	Khayyam T., Ponnambalam S.G., Janardhanan M.N., Nielsen I.E.	BEHAVIOUR-DEFINED NAVIGATION FRAMEWORK FOR DYNAMICAL OBSTACLE AVOIDANCE IN MULTI-ROBOT SYSTEMS CONSISTING OF HOLONOMIC ROBOTS	International Journal of Robotics and Automation	39	5	379	390	0.8	10.2316/J.2024.206-1055
4473	Settu N., Kesavan G.K., Subramanian A., Ramasamy M., Praveenkumar V., Shankar K.V., Bezawada S.	Feasibility of autogenous welding simulation for enhancement of residual stress	MRS Advances					0.8	10.1557/s43580-024-00931-z
4474	Kingston D., Shekhar S.K.	Moderating effects of gender and place of residence on the relationship between loneliness and smartphone addiction	Mental Health and Social Inclusion					0.8	10.1108/MHSI-08-2024-0132
4475	Kumar B.K.; Balaji S.; Sethukumarasamy K.; Krishnan R.N.; Sankar R.	Transient Analysis of a Finite-Source Computer Queueing Network: An Analytical Approach	Journal of the Indian Society for Probability and Statistics	25	2	869	894	0.8	10.1007/s41096-024-00211-x

4476	Anusha D.S.K.; Sankar D.P.	Plant Bioactive Compounds: Crucial Pharmacological Properties and Role of Elicitors in Enhancing Production	Indian Journal of Pharmaceutical Education and Research	58	4	1034	1044	0.8	10.5530/ijper.58.4.115
4477	Padma Sri Lekha P.; Abdul Azeez E.P.; Sharma J.; John N.K.	The role of religious and financial factors in eudaimonic well-being among Indian adults	Mental Health and Social Inclusion					0.8	10.1108/MHSI-08-2024-0147
4478	Nivetha S.; Das P.; Ghosh M.	A comparison of stochastic and deterministic dynamics of tuberculosis model	Stochastic Analysis and Applications	42	6	1085	1109	0.8	10.1080/07362994.2024.2413632
4479	Thilagavathi A.; Prasad V.R.	Natural convection magneto hydrodynamic filled with TiO ₂ nanofluid with a right-angled triangle obstacle within square cavity	Latin American Applied Research	54	4	575	584	0.8	10.52292/J.LAAR.2024.3416
4480	Bhandari P.; Sharma V.; Ranakoti L.; Bisht V.S.; Lila M.K.; Kaushik S.; Kanojia N.; Srivastava A.; Kumar B.; Kumar S.R.; Kumar M.; Paul A.R.	Numerical Investigation of Increasing-Decreasing Stepped Micro Pin Fin Heat Sink Having Various Arrangements	Archives of Thermodynamics	45	4	37	44	0.8	10.24425/ather.2024.151995
4481	Nenavath D.N.; Perumal B.	On-Tree Mango Fruit Count Using Live Video-Split Image Dataset to Predict Better Yield at Pre-Harvesting Stage	International Journal of Electrical and Computer Engineering Systems	15	9	771	782	0.8	10.32985/ijeces.15.9.5
4482	Edward J.L.; Chanda A.; Nashine H.K.	Solutions of Riesz-Caputo fractional derivative problems involving anti-periodic boundary conditions	Filomat	38	17	6177	6192	0.8	10.2298/FIL2417177E

4483	A A.	Irugapatru and the Stigma of Post-Marital Weight Gain	Fat Studies	#N/A	#N/A	#N/A	#N/A	0.8	10.1080/21604851.2024.2411915
4484	Ghildyal A.; Bisht V.S.; Bhandari P.; Thapliyal S.; Kaushik S.; Ranakoti L.; Bangari R.S.; Srivastav A.; Kanojia N.; Paul A.R.	A comparative numerical evaluation of solar air heater performance having W-contoured, taper-contoured and reverse taper-contoured turbulators	Archives of Thermodynamics	45	4	189	196	0.8	10.24425/ather.2024.152008
4485	Karuppusamy Y.; Lingeshwaran S.; Jeyaraj M.	SOLVABILITY OF AN ATTRACTION-REPULSION CHEMOTAXIS NAVIER-STOKES SYSTEM WITH ARBITRARY POROUS MEDIUM DIFFUSION	Electronic Journal of Differential Equations	2024	0	0	0	0.8	10.58997/ejde.2024.75
4486	Fathi A.; Sahaya Vijay J.; Husin M.N.; Augustine T.	Valency-Based Molecular Descriptor on Structural Property Relationship of Ni Tetrathiafulvalene Tetrathionate	Malaysian Journal of Fundamental and Applied Sciences	20	6	1398	1409	0.8	10.11113/mjfas.v20n6.3831
4487	Anuranj C.K., Sircar A.	Indian cricket, popular culture and “national Thing”: Reflections from sport-induced nationalism	International Journal of Applied Psychoanalytic Studies					0.7	10.1002/aps.1860
4488	Shermila J.P., Victor A., Manoj S.O., Devi E.A.	Automatic detection and classification of disease in citrus fruit and leaves using a customized CNN based model [Detección y clasificación automática de enfermedades en frutas y hojas de cítricos utilizando un modelo basado en CNN personalizado]	Boletín Latinoamericano y del Caribe de Plantas Medicinales y Aromaticas	23	2	180	198	0.7	10.37360/blacpma.24.23.2.13

4489	Kaliyaperumal S., Desikan K.	Universal Distance Spectra of Join of Graphs	European Journal of Pure and Applied Mathematics	17	1	462	476	0.7	10.29020/nybg.ejpa m.v17i1.5019
4490	Taher H.S., Dash S.K.	Common Terms of k-Pell and Tribonacci Numbers	European Journal of Pure and Applied Mathematics	17	1	135	146	0.7	10.29020/nybg.ejpa m.v17i1.4989
4491	Sarkar A., Philip A.M., Thakker D.P., Bhaskara Rao K.V.	Extraction and Characterization of Beta- glucan Methyl Esters Derived From UV-mutated Marine Yeast and their Applications in Cosmetics	Thalassas					0.7	10.1007/s41208-024- 00661-x
4492	Athique Ahmed A., Kurian A., Abima S., Sumathi S.	Effect of CeO ₂ Coupling on the Structural, Optical and Photocatalytic Performance of CePO ₄ Nanoparticles	High Energy Chemistry	58	2	217	229	0.7	10.1134/S00181439 24020024
4493	Avinash J., Vijaya Chamundeeswari S.P.	Synthesis and Properties of Cu ₂ O Particles and Methylene Blue Degradation in Blue LED	High Energy Chemistry	58	1	65	71	0.7	10.1134/S00181439 24010028

4494	Acaroz U., Kurek-Gorecka A., Olczyk P., Tas N., Ali A., Paramanya A., Balyan P., Noor A., Kamaraj S., Malekifard F., Hosseini A., Istanbulgil F.R., Arslan-Acaroz D., Asma S.T., Segueni N., Ceylan A.B., Jin X.	The Role of Bee Products in the Control of Antimicrobial Resistance and Biofilm Formation	Kafkas Universitesi Veteriner Fakultesi Dergisi	30	2	131	153	0.7	10.9775/kvfd.2023.30966
4495	Manavalan S., Shankarlal B., Prakash V.R., Eswaramoorthy S., Rajmohan M.	Polarization Agile Reconfigurable Rectangular Patch Antenna for Biomedical Applications	Applied Computational Electromagnetics Society Journal	39	1	57	63	0.7	10.13052/2024.ACES.J.390108
4496	Bhavana P., Priya D.K.	The Stochastic Transportation Problem with Imprecise Data Using Lomax Distribution	European Journal of Pure and Applied Mathematics	17	2	1228	1243	0.7	10.29020/nybg.ejpa m.v17i2.5162
4497	Shalini V., Rajasingh I.	Inverse Domination in X-Trees and Sibling Trees	European Journal of Pure and Applied Mathematics	17	2	1082	1093	0.7	10.29020/nybg.ejpa m.v17i2.5038
4498	Manickam M., Desikan K.	Eigenvalue Interlacing of Bipartite Graphs and Construction of Expander Code using Vertex-split of a Bipartite Graph	European Journal of Pure and Applied Mathematics	17	2	772	789	0.7	10.29020/nybg.ejpa m.v17i2.5057

4499	Udhayanan S., Shambavi K.	Metamaterial-Based Compact UWB Bandpass Filter Using Substrate Integrated Waveguide	Progress in Electromagnetics Research Letters	120				0.7	10.2528/PIERL24031107
4500	Vinoth Kumar B., Poornima T.	Numerical investigation on Williamson nanoflow past a cylinder imbedded in an absorbent media with energy source/sink: Keller Box simulation	Indian Journal of Engineering and Materials Sciences	31	2	182	192	0.7	10.56042/ijems.v31i2.6841
4501	Dadhich S., Mathur G., Dwivedi A.D.D.	Numerical Simulation, Electrostatic and Physical Compact Modeling of C8-BTBT-C8 Organic Thin Film Transistor	International Journal of Nanoelectronics and Materials	17	2	222	236	0.7	10.58915/ijneam.v17i2.693
4502	Jayaraman S., Mahendran A.	An Improved Facial Expression Recognition using CNN-BiLSTM with Attention Mechanism	International Journal of Advanced Computer Science and Applications	15	5	1307	1315	0.7	10.14569/IJACSA.2024.01505132
4503	Sonam, Bhardwaj R., Mal J., Konar P., Sumalai P.	Fixed point results in soft probabilistic metric spaces	Journal of Analysis					0.7	10.1007/s41478-024-00800-w
4504	Kannabiran K.	A review on bioprospecting of actinomycetes isolated from marine soil samples of India concerning their antimicrobial secondary metabolites	Indian Journal of Natural Products and Resources	15	1	13	20	0.7	10.56042/ijnpr.v15i1.7313

4505	Khan S.R., Haque S., Fagoonee S., Ahmad F., Raza A.	Precision oncology, cutting the edge: a need for developing cost-based global guidelines for circulating tumor DNA testing in the climate/era of economic uncertainty	Minerva Biotechnology and Biomolecular Research	36	2	103	104	0.7	10.23736/S2724-542X.24.03136-5
4506	Chatterjee D., Sivashanmugam K.	Insights on MDR Mechanism of Pseudomonas aeruginosa with Emphasis on Diabetic Foot Ulcer in the Indian Subcontinent	Journal of Pure and Applied Microbiology	18	2	837	852	0.7	10.22207/JPAM.18.2.08
4507	Ajithkumar M., Ravi Kumar N., Nath J.M., Reddy M.V., Das T.K.	A Numerical Simulation of the Magneto-Micropolar Nanofluid Flow Configured by the Stimulus Energies and Chemical Interaction	Journal of Computational and Theoretical Transport					0.7	10.1080/23324309.2024.2379798
4508	Sai M.N., Sakthivel V., Prakash P., Vishnukumar K., Min D.	Advanced Diagnosis of Polycystic Ovarian Syndrome using Machine Learning and Multimodal Data Integration	International Journal of Advanced Computer Science and Applications	15	6	1204	1213	0.7	10.14569/IJACSA.2024.01506122
4509	Sudarsa D., Nagaraja Rao A., Sivakumar A.P.	Data Security Optimization at Cloud Storage using Confidentiality-based Data Classification	International Journal of Advanced Computer Science and Applications	15	5	699	709	0.7	10.14569/IJACSA.2024.0150570

4510	Tenepalli D., Navamani T.M.	Design and Development of an Efficient Explainable AI Framework for Heart Disease Prediction	International Journal of Advanced Computer Science and Applications	15	6	1494	1503	0.7	10.14569/IJACSA.20 24.01506149
4511	Timothy D.P., Santra A.K.	Detecting Digital Image Forgeries with Copy-Move and Splicing Image Analysis using Deep Learning Techniques	International Journal of Advanced Computer Science and Applications	15	5	1299	1306	0.7	10.14569/IJACSA.20 24.01505131
4512	Rani K.R., Yogesh N., Chitra K.	Gradient Indexed Porous Core Photonic Crystal Fiber for Sub- Wavelength Confinement in Terahertz Regime	Progress In Electromagnetics Research M	127		141	149	0.7	10.2528/PIERM2404 1306
4513	Muthu S.M., Arivarasu M., Jithesh K., Vignesh M., Dhinakaran V., Kumar P.S.	HOT CORROSION STUDIES ON HVOF COATED ALLOY A-286 IN MOLTEN SALT ENVIRONMENT	Archives of Metallurgy and Materials	69	2	613	623	0.7	10.24425/amm.2024 .149790
4514	Shiu W.C., Lau G.-C., Nalliah M.	Local distance antimagic chromatic number of join product of graphs with cycles or paths	Hacettepe Journal of Mathematics and Statistics	53	3	788	802	0.7	10.15672/hujms.126 6085
4515	Jothimani K., Valliammal N., Vijayakumar V.	Numerical and analytical approach of nonlinear fractional pantograph nonlocal differential systems with non-singular kernel	Journal of Analysis					0.7	10.1007/s41478-024- 00813-5

4516	Varshini G.V., Sakthivel V., Prakash P., Hussain M.D., Lee J.W.	Sleep Apnea and Rapid Eye Movement Detection using ResNet-50 and Gradient Boost	International Journal of Advanced Computer Science and Applications	15	6	1194	1203	0.7	10.14569/IJACSA.20 24.01506121
4517	Ahmed M.E., Arif M., Rahmani M.K.I., Nafis M.T., Ali J.	Smart Parking: An Efficient System for Parking and Payment	International Journal of Advanced Computer Science and Applications	15	6	1285	1295	0.7	10.14569/IJACSA.20 24.01506130
4518	Poovaraghan R.J., Prabhavathy P.	Advanced Active Player Tracking System in Handball Videos Using Multi-Deep Sort Algorithm with GAN Approach	International Journal of Advanced Computer Science and Applications	15	7	1191	1202	0.7	10.14569/IJACSA.20 24.01507116
4519	Meka N., Shambavi K.	Conformal Angularly Stable Quadband Frequency Selective Surface for EMI Shielding	Progress in Electromagnetics Research Letters	122		29	35	0.7	10.2528/PIERL24061 601
4520	Dinesh P., Lakshmanan R.	Deep Learning-Driven Citrus Disease Detection: A Novel Approach with DeepOverlay L- UNet and VGG-RefineNet: Deep Learning-Driven Citrus Disease Detection	International Journal of Advanced Computer Science and Applications	15	7	1023	1041	0.7	10.14569/IJACSA.20 24.01507100

4521	Pavihaa Lakshmi B., Vidhya S.	Exploring Effective Diagnostic and Therapeutic Strategies for Deep Vein Thrombosis in High-Risk Patients: A Study	International Journal of Advanced Computer Science and Applications	15	7	1400	1414	0.7	10.14569/IJACSA.2024.01507136
4522	Sukanya G., Priyadarshini J.	Hybrid CNN: An Empirical Analysis of Machine Learning Models for Predicting Legal Judgments	International Journal of Advanced Computer Science and Applications	15	7	1279	1289	0.7	10.14569/IJACSA.2024.01507124
4523	Mohan I., Venkataraman M.	Majorization in Analytic Functions Among Distinct Classes Defined by Modified Tremblay Fractional Operator	International Journal of Analysis and Applications	22				0.7	10.28924/2291-8639-22-2024-119
4524	Indira P., Jayalakshmi M.	Prediction of Stochastic Transportation Problem with Fixed Charge in Multi-Objective Rough Interval Environment	International Journal of Analysis and Applications	22				0.7	10.28924/2291-8639-22-2024-117
4525	Kotti J., Banu J.M.S., Lakshmanan R.	Recurrent Shephard convolutional neural network for heart disease prediction in spark framework	International Journal of Ad Hoc and Ubiquitous Computing	46	4	216	230	0.7	10.1504/IJAHUC.2024.140443
4526	Pavithra P., Raagavi T., Gayathri G.R.R., Sabitha R., Srividya R., Banu U.T., Banumathy S.	Study on Indian traditional art –Karuppur Kalamkari	Indian Journal of Traditional Knowledge	23	7	702	709	0.7	10.56042/ijtk.v23i7.3631

4527	Swarnambigai P., Nathiya N., Kalaivani K., Abodayeh K.	Classification of Random Walks and Green's Theorem on Infinite Homogeneous Trees	International Journal of Analysis and Applications	22				0.7	10.28924/2291-8639- 22-2024-137
4528	Priya K.D., Thilagavathi K.	Geometric Properties of Harmonic Function Affiliated With Fractional Operator	International Journal of Analysis and Applications	22				0.7	10.28924/2291-8639- 22-2024-133
4529	Jun G.X., Batumalay M., Batumalai C., Prabadevi B.	Enhancing Safety for High Ceiling Emergency Light Monitoring	International Journal of Advanced Computer Science and Applications	15	8	494	499	0.7	10.14569/IJACSA.20 24.0150849
4530	Megala G., Swarnalatha P.	Optimized Retrieval and Secured Cloud Storage for Medical Surgery Videos Using Deep Learning	International Journal of Advanced Computer Science and Applications	15	8	1186	1195	0.7	10.14569/IJACSA.20 24.01508115
4531	Leena V.S., Vijayalakshmi V.	Knowledge and attitude of adolescents towards sexual health and reproductive health technologies	African Journal of Reproductive Health	28	8	57	66	0.7	10.29063/ajrh2024/ v28i8.6
4532	Kumar V.C., Gajjela R.	Morphological studies of a composite coating comprising anatase TiO ₂ , CeO ₂ and HAp on magnesium alloy AZ31B using the plasma electrolytic oxidation method for orthopaedic implants	International Journal of Materials Research	115	9	709	721	0.7	10.1515/ijmr-2023- 0309

4533	Yuvaraj B.R.; Masilamani V.; Saravanan M.S.; Karthikeyan H.; Moses F.; Abraham A.; Kumar R.P.; Manjula K.	Assessing the impact of climate change on reproductive health: A content analysis of climate journalism coverage	African journal of reproductive health	28	9	136	144	0.7	10.29063/ajrh2024/ v28i9.12
4534	Kumar D.A.S.; Parasurama D.S.	Quantification and comparison of major secondary metabolites and antioxidant efficacy in Gardenia jasminoides mother plant, callus and suspension culture: an exploratory study to enhance bioactive compounds	Pakistan Journal of Pharmaceutical Sciences	37	3	583	590	0.7	10.36721/PJPS.2024. 37.3.REG.583-590.1
4535	Durga N.; George R.K.	A numerical approach of trajectory controllability for nonlinear stochastic systems with an application	Journal of Analysis	0	0	0	0	0.7	10.1007/s41478-024- 00857-7
4536	Dineshkumar P.; Shanmugam R.; Latha S.; Sangeetha T.; Ramya K.; Elangovan A.; Arivazhagan G.	Acetylacetone?2- methoxyethanol solutions: Fourier transform infrared spectral studies	Molecular Crystals and Liquid Crystals	0	0	0	0	0.7	10.1080/15421406.20 24.2426285
4537	Ilango M.S.; Lakshminarayana P.; Sucharitha G.; Vinodkumar Reddy M.; Vajravelu K.	Analysis of Entropy Optimization in MHD Flow of Non-Newtonian Nanofluids with Chemical Reaction and Thermal Energies	Journal of Computational and Theoretical Transport	0	0	0	0	0.7	10.1080/23324309.20 24.2419008
4538	Hamzat J.O.; Murugusundaramoorthy G.; Oluwayemi M.O.	Brief Study On A New Family of Analytic Functions	Sahand Communications in Mathematical Analysis	21	4	109	122	0.7	10.22130/scma.2024.2 011065.1457

4539	Lakshmi B.N.; Prasad S.K.; Nargund A.L.; Rathour L.; Mishra L.N.; Mishra V.N.	Numerical Simulation of MHD Oldroyd-B Fluid with Thermal Radiation and Chemical Reactions Using Chebyshev Wavelets	New Mathematics and Natural Computation	0	0	0	0	0.7	10.1142/S1793005726500201
4540	Naz S.; R T.	The Impact of a Non-Uniform and Transient Magnetic Field on Natural Convective Jeffrey Fluid Flowing over a Heated Porous Plate: A Comparative Study	Journal of Computational and Theoretical Transport	0	0	0	0	0.7	10.1080/23324309.2024.2419001
4541	Chakrabarti S.; Vasagam S.N.; Ananthakrishnan B.; Sornam M.	Artificial Intelligence techniques enabled insights into Leather Defects	Indian Journal of Engineering and Materials Sciences	31	4	487	504	0.7	10.56042/ijems.v31i4.8853
4542	Bhagyalakshmi A.T.; Ramasubramanian V.	Impact of Number and Placement of High-dose Vertices on Equivalent Uniform Dose and Peak-to-valley Ratio for Lattice Radiotherapy	Journal of Medical Physics	49	4	493	501	0.7	10.4103/jmp.jmp_97_24
4543	Reena R.J.; Raj N.A.N.	Multifaceted Characterization and Therapeutic Evaluation of Co-precipitated Cobalt Ferrite Nanoparticles for Magnetic Hyperthermia Cancer Therapy	Journal of Medical Physics	49	4	510	518	0.7	10.4103/jmp.jmp_57_24
4544	Balaji S., Tulshain S., Modi M., Dalei A., Sumathi D.	SURVEY ON TECHNICAL ADVANCEMENTS AND RENOVATIONS IN FEDERATED LEARNING	Malaysian Journal of Computer Science	37	1			0.6	10.22452/mjcs.vol37no1.1

4545	Lal N., Gopinathan A.	Revisiting the phylogenetic status of a field crab (Decapoda, Brachyura) from Chelari, Malappuram district (Kerala, India): An integrative approach through morphological and molecular taxonomy	Crustaceana	97	01-Feb	21	53	0.6	10.1163/15685403-bja10356
4546	Taher H.S., Dash S.K.	On the square of Fibonacci and Lucas numbers of the form $(22s - 1)x + (2s+1)y$	International Journal of Mathematics and Computer Science	19	3	553	560	0.6	
4547	Sivasankar S., Udhayakumar R., Muthukumaran V., Gokul G., Al-Omari S.	Existence of Hilfer fractional neutral stochastic differential systems with infinite delay [Шексіз кешіргі бар бөлшек-нейтралды стохастикалық Хильфер дифференциалдық жүйелерінің болуы] [Существование дробно-нейтральных стохастических дифференциальных систем Хильфера с бесконечным запаздыванием]	Bulletin of the Karaganda University. Mathematics Series	113	1	174	193	0.6	10.31489/2024M1/174-193
4548	Nataraj N.B., Raja S.	A REVIEW ON PROTEIN PRODUCTION AND SECRETION IN EUKARYOYTES	Journal of Microbiology, Biotechnology and Food Sciences	13	6			0.6	10.55251/jmbfs.10555

4549	Vinothkumar B., Poornima T.	Study on Thermal Transport and Flow Characterization of TiO ₂ -SiO ₂ Mixture Slippery Nanoflow Under Energy Generation: Keller Box Simulation	Indian Journal of Pure and Applied Physics	62	5	372	387	0.6	10.56042/ijpap.v62i5.6177
4550	Indumathi P., Karthikeyan K.	ANFIS-Enhanced M/M/2 Queueing Model Investigation in Heterogeneous Server Systems with Catastrophe and Restoration	Contemporary Mathematics (Singapore)	5	2	2482	2502	0.6	10.37256/cm.5220243977
4551	Kanchana M., Kavitha K.	Heuristic Incident Edge Path Algorithm for Interval-Valued Neutrosophic Transportation Network	Contemporary Mathematics (Singapore)	5	2	2381	2401	0.6	10.37256/cm.5220244152
4552	Velmurugan S., Arun Kumar S., Udhayakumar R.	Analysis of Fuzzy Membership Function on Greenhouse Gas Emission Estimation by Triangular and Trapezoidal Membership Functions in Indian Smart Cities	Contemporary Mathematics (Singapore)	5	2	2419	2441	0.6	10.37256/cm.5220243968
4553	Rani R., Indhira K.	Metaheuristic Cost Optimization of MX/G1, G2/1 Queue with Service Disruption, Working Breakdown, Balking, Catastrophe and Extended Server Vacation with Bernoulli Schedule	Contemporary Mathematics (Singapore)	5	2	2281	2309	0.6	10.37256/cm.5220244022

4554	Yuvasri R., Manimaran A.	A Secure Key Exchange Protocol and a Public Key Cryptosystem for Healthcare Systems	Contemporary Mathematics (Singapore)	5	2	2402	2418	0.6	10.37256/cm.5220243942
4555	Ajikumar M., Sircar A.	Female celebrities in digital age: the changing notions of stardom in Malayalam cinema	Celebrity Studies					0.6	10.1080/19392397.2024.2359458
4556	Jayanthi S., Niranjan H.	A Vertical Surface Flow Analysis of MHD Nanofluids Influenced by Radiation, Viscous Dissipation, and Joule Heating with Soret and Dufour Effects	Contemporary Mathematics (Singapore)	5	2	5	23	0.6	10.37256/cm.5220244318
4557	Sanjay V., Swarnalatha P.	An effectual recommendation model using hybrid learning models for early detection of Alzheimer's disease	Intelligent Decision Technologies	18	2	1541	1556	0.6	10.3233/IDT-230635
4558	Subramani S., Borah R.R.	Gender Vulnerability and Resistance in Selected Malayalam Movies The Great Indian Kitchen and Jaya Jaya Jaya Jaya Hey	Pertanika Journal of Social Sciences and Humanities	32	2	519	533	0.6	10.47836/pjssh.32.2.08
4559	Arif M., Alam P.	SH-Wave Interaction with MTI Strip Coated with Newtonian Viscous Liquid Laid over Self-Weighted Heterogeneous Half-Space: a Comparative Study	Mechanics of Solids					0.6	10.1134/S0025654423602379

4560	Vanitha K., Saradha M., Antline Nisha B., Udhayakumar R.	An Approach to Solve Gas Dynamic Equation by Fuzzy Hilfer Fractional Differential Equation	Contemporary Mathematics (Singapore)	5	3	2709	2723	0.6	10.37256/cm.5320245035
4561	Sumathi M., Kamakshi S., Sailendra K., Deepak T., Khatri G., Raja S.P.	Blockchain-based health insurance claim processing and management system	Multiagent and Grid Systems	20	2	185	201	0.6	10.3233/MGS-240101
4562	Priya H., Sruthakeerthi B.	Digital Image Processing Using Coefficients of Sakaguchi Kind Function Defined in Limacon Shaped Domain with Power Law Transformation	Contemporary Mathematics (Singapore)	5	3	2680	2692	0.6	10.37256/cm.5320244489
4563	Krishnamurthy B., Kannabiran K.	ISOLATION AND IDENTIFICATION OF ANTI-MRSA COMPOUND FROM TERRESTRIAL ACTINOMYCETES SPECIES VITBKA3	Journal of Microbiology, Biotechnology and Food Sciences	14	1			0.6	10.55251/jmbfs.6060
4564	Monesh S., Senthilkumar N.C.	Review on scene graph generation methods	Multiagent and Grid Systems	20	2	129	160	0.6	10.3233/MGS-230132
4565	Priyadharshini S., Deepa G.	Time Cost Trade-Off Problem Using Intuitionistic Fuzzy with Real Time Application in the Field of Construction	Contemporary Mathematics (Singapore)	5	3	2961	2982	0.6	10.37256/cm.5320243727
4566	Singamaneni K.K., Mahesh T.R., Vinoth K.V., Amandeep S.K., Balajee J., Mohan E.	Unleashing the Power of a Novel Lightweight Lattice-based CP-ABE for Robust IoT Data Transmission	Ad-Hoc and Sensor Wireless Networks	59	03-Apr	181	212	0.6	10.32908/ahswv.59.11431

4567	Padmanaban H., Rajarajan G., Nagarajan S.	Xception Taylor Cascade Neuro Network based infection level identification of tuberculosis using sputum images	Intelligent Decision Technologies	18	2	799	824	0.6	10.3233/IDT-240395
4568	Karthika D., Karthikeyan K.	Analysis of Rainfall Prediction Using Parallel Hybrid Algorithm	Contemporary Mathematics (Singapore)	5	3	3652	3669	0.6	10.37256/cm.53202 44981
4569	Hariharan R., Udhayakumar R.	Approximate Controllability for Fuzzy Fractional Evolution Equations of Order $\ell \in (1, 2)$	Contemporary Mathematics (Singapore)	5	3	3287	3312	0.6	10.37256/cm.53202 45162
4570	Priyadharshini S., Deepa G.	Building Renovation by Using Maximum Edge Distance Method	Contemporary Mathematics (Singapore)	5	3	3535	3550	0.6	10.37256/cm.53202 44119
4571	Bhavana P., Priya D.K.	Comparison of Various Ranking Methods with Pareto Distribution Methods in Imprecise Data	Contemporary Mathematics (Singapore)	5	3	3360	3373	0.6	10.37256/cm.53202 43975
4572	Agarwal P., Jain R., Loganathan K., Udhayakumar R.	Heat and Mass Transfer Analysis of Chemically Reactive Powell-Eyring Nanofluid Flow Over a Wedge: A Numerical Approach	Contemporary Mathematics (Singapore)	5	3	3330	3344	0.6	10.37256/cm.53202 44826
4573	Sandhiya S., Dhanapal A.	Solving Neutrosophic Multi- Dimensional Fixed Charge Transportation Problem	Contemporary Mathematics (Singapore)	5	3	3601	3624	0.6	10.37256/cm.53202 44927

4574	Joram A., Singh K.R., Mishra L.N., Rathour L., Vanav Kumar A.	Tracing roots and linkages: Harnessing graph theory and social network analysis in genealogical research, based on the kin naming system	Discrete Mathematics, Algorithms and Applications					0.6	10.1142/S1793830924500678
4575	Maanvizhi M.; Prakash C.; Babu V.R.	Influence of sewing thread fineness and seam type on thermal properties of seams	Indian Journal of Fibre and Textile Research	49	3	330	336	0.6	10.56042/ijftr.v49i3.12500
4576	Pillai R.S.; Sreenivasulu Y.	The Advent of Beauty Mannequins: Strategic Appropriation of Feminine Beauty in Bhattacharjya's Mannequins	3L: Language, Linguistics, Literature	30	3	162	176	0.6	10.17576/3L-2024-3003-12
4577	Maanvizhi M.; Prakash C.; Babu V.R.	Effects of sewing thread filament fineness on moisture management properties of seams	Indian Journal of Fibre and Textile Research	49	3	385	392	0.6	10.56042/ijftr.v49i3.12521
4578	Pavithra R.; Arivudainambi D.; Afizudeen S.; Poorani T.S.	Coverage optimization for IoT-based network using Monarch Butterfly Optimization with greedy strategy and self-adaptive crossover operator	International Journal of Parallel, Emergent and Distributed Systems					0.6	10.1080/17445760.2024.2417870
4579	Immanuel P.; Greeni A.B.	Optimal embedding of hypercube into exchanged hypercube and optical multi-mesh hypercube	International Journal of Parallel, Emergent and Distributed Systems					0.6	10.1080/17445760.2024.2417871

4580	Lau G.-C.; Shiu W.C.; Nalliah M.; Zhang R.; Premalatha K.	COMPLETE CHARACTERIZATION OF BRIDGE GRAPHS WITH LOCAL ANTIMAGIC CHROMATIC NUMBER 2; [Полная характеризация мостовых графов с локальным антимагическим хроматическим числом 2]	Vestnik Udmurtskogo Universiteta: Matematika, Mekhanika, Komp'yuternye Nauki	34	3	375	396	0.6	10.35634/vm240305
4581	Singh A.; Gopi V.P.; Thomas A.	WAVELET-POOLING-BASED MULTI-SCALE CNN for COVID- 19 DETECTION from CT IMAGES	Biomedical Engineering - Applications, Basis and Communications					0.6	10.4015/S10162372 24500352
4582	Singh S.; Kumar S.; Dhanasingh I.	IN-SILICOIDENTIFICATION OF FLAVONOIDS BASED INHIBITORS AGAINST SORTASE-A FROM ENTEROCOCCUS FAECALIS (Ef)	Journal of Microbiology, Biotechnology and Food Sciences	14	2			0.6	10.55251/jmbfs.112 56
4583	Elumalai P.; Parthiban A.	On Equitable Colorings of Windmill Graphs	Contemporary Mathematics (Singapore)	5	3	4064	4078	0.6	10.37256/cm.53202 45130
4584	Srivastava S.; Maury S.C.; Singh R.	Pathconnectedness of Wavelet Sets in Reducing Subspaces	Kyungpook Mathematical Journal	64	3	479	485	0.6	10.5666/KMJ.2024.6 4.3.479
4585	Baskar A.; Saravananarajan M.C.	Analyzing an M/G/1 Double Orbit Retrial Queue with the Implementation of a Working Vacation Policy	Contemporary Mathematics (Singapore)	5	3	3929	3952	0.6	10.37256/cm.53202 45276

4586	Vennila S.; Karthikeyan K.	An EOQ Model for Circularity Index with Waste Minimization and Reduced Emission in Electrical and Electronic Equipment	Contemporary Mathematics (Singapore)	5	3	3002	3037	0.6	10.37256/cm.5320244381
4587	Subramani P.; Dhakshnamoorthy K.	Spatial Aspects of Acute Respiratory Disease Syndrome: An Application of Scan Statistics Using SaTScan in Identification and Analysis of Hotspot in India	Contemporary Mathematics (Singapore)	5	3	3804	3821	0.6	10.37256/cm.5320244880
4588	Thanga Rajeswari K.; Manimaran A.	The Sombor Indices of Banana Tree Graph and Fractal Tree Type Dendrimer	Contemporary Mathematics (Singapore)	5	3	4079	4094	0.6	10.37256/cm.5320245112
4589	Vijayan G.; Ramalingam B.; Babu L.G.; Masilamany Santha A.	A New Two-Phase Design Process for a Compliant Mechanism Gripper	Mechanika	30	5	458	465	0.6	10.5755/j02.mech.33592
4590	Chaudhary A.; Mittal K.; Tejpal B.; Thakur K.; Varughese D.A.; Sridevi S.	Enhancing Cnn Performance With Right-Neighbor Deviation (Rnd) Pooling: A Focus On Multi-Class Brain Tumor Classification In Mri Images	Biomedical Engineering - Applications, Basis and Communications	0	0	0	0	0.6	10.4015/S1016237224500467
4591	Sivaranjani S.; Kavitha A.	Peristaltic Transport of a Jeffrey Nanofluid in a Vertical Layer with Suction and Injection: Effect of Velocity No-Slip, Temperature and Concentration with Application	Contemporary Mathematics (Singapore)	5	4	4344	4366	0.6	10.37256/cm.5420245254

4592	Kumar E.; Dhanapal A.	Solving Multi-objective Bi-item Capacitated Transportation Problem with Fermatean Fuzzy Multi-Choice Stochastic Mixed Constraints Involving Normal Distribution	Contemporary Mathematics (Singapore)	5	4	4776	4804	0.6	10.37256/cm.5420245217
4593	Shankaraiah P.; Mokesh Rayalu G.	A Multi-Model Survival Analysis of Lung Cancer Using Parametric Techniques	Contemporary Mathematics (Singapore)	5	4	5454	5472	0.6	10.37256/cm.5420245879
4594	Swathi M.; Regunathan R.	A novel approach to classify pharyngitis using potential features based on doctor?s perspective	Intelligent Decision Technologies	18	3	2227	2240	0.6	10.3233/IDT-240495
4595	Muthumanickavel G.; Nalliah M.	Airport Flight-Gate Allocation Assignment Using Local Antimagic Vertex Coloring	Contemporary Mathematics (Singapore)	5	4	5847	5862	0.6	10.37256/cm.5420245242
4596	Baskar A.; Saravananarajan M.C.	Analyzing Feedback M/G/1 Double Retrial Orbit with Two-Phase Optional Service and Repair under Working Vacation Policy	Contemporary Mathematics (Singapore)	5	4	5795	5827	0.6	10.37256/cm.5420245813
4597	Raghavendar K.; Pavani K.; Aruna K.; Okposo N.I.; Inc M.	Application of Natural Transform Decomposition Method for Solution of Fractional Richards Equation	Contemporary Mathematics (Singapore)	5	4	5881	5900	0.6	10.37256/cm.5420245314
4598	Saravanan S.; Monica C.	Dynamic Analysis of Extinction and Stationary Distribution of a Stochastic Dual-Strain SEIR Epidemic Model with Double Saturated Incidence Rates	Contemporary Mathematics (Singapore)	5	4	6130	6164	0.6	10.37256/cm.5420245594

4599	Umapathy K.; Palanivelu B.; Dhandapani P.B.; Ramalingam U.	Essential Analysis of New SEVIR Model: A Five Case Epidemic Model	Contemporary Mathematics (Singapore)	5	4	5763	5776	0.6	10.37256/cm.5420245746
4600	Jalisraj A.; Udhayakumar R.	Existence Results and Trajectory Controllability of Conformable Hilfer Fractional Neutral Stochastic Integro-differential Equations	Contemporary Mathematics (Singapore)	5	4	5496	5517	0.6	10.37256/cm.5420245431
4601	Thangaraj C.; Valarmathi R.; Easwaramoorthy D.; Kumar D.R.; Chamola B.P.	Generation of Fractal Attractor for Controlled Metric Based Dynamical Systems	Contemporary Mathematics (Singapore)	5	4	6165	6188	0.6	10.37256/cm.5420245323
4602	Divya Priya K.; Thilagavathi K.	Geometric Features of a Multivalent Function Pertaining to Fractional Operators	Contemporary Mathematics (Singapore)	5	4	5434	5453	0.6	10.37256/cm.5420245227
4603	Muthumanickavel G.; Nalliah M.	Optimizing Factory Workers Work Shifts Scheduling Using Local Anti-magic Vertex Coloring	Contemporary Mathematics (Singapore)	5	4	5621	5640	0.6	10.37256/cm.5420245635
4604	Bhavana P.; Priya D.K.	Optimizing Stochastic Transportation Networks with Mixed Constraints Using Pareto Distribution	Contemporary Mathematics (Singapore)	5	4	6021	6037	0.6	10.37256/cm.5420245535
4605	Khatri S.; Singamsetty P.	Study of Multiobjective Fractional Variational Formulation Using η -Approximated Method	Contemporary Mathematics (Singapore)	5	4	5178	5212	0.6	10.37256/cm.5420245031
4606	Samuel I.; Paramasivam R.	The Control Policy M/M/c/N Interrelated Queue with Manageable Incoming Rates, Reverse Balking and Impatient Customers	Contemporary Mathematics (Singapore)	5	4	5482	5495	0.6	10.37256/cm.5420245480

4607	Dixit M., Pawar S., Saket S.	Obstructive Sleep Apnea Hypopnea Syndrome among Obese Patients Visiting the Outpatient Department of a Tertiary Care Centre	Journal of the Nepal Medical Association	62	269	37	39	0.5	10.31729/jnma.8395
4608	Kumar S.V., Srinivas A.N.S.	Peristaltic Pumping of Two-Layered System in a Channel with full Slip and Temperature Jump Conditions	Journal of Applied Nonlinear Dynamics	13	2	417	430	0.5	10.5890/JAND.2024.06.015
4609	Madiha Takreem K., Satya Narayana P.V.	Impact of Cattaneo-Christov heat flux on mixed convection flow of a ternary hybrid (Cu-Al ₂ O ₃ -TiO ₂ /H ₂ O) nanofluid over an elongated sheet: A comparative analysis	Indian Journal of Chemical Technology	31	1	57	69	0.5	10.56042/ijct.v31i1.3263
4610	Jyothi N., Vijayakumar A.G.	Exact solutions on magnetohydrodynamic Casson nanofluid EG-GO and EG-MWCNT over a vertical plate with shape factors: Caputo fractional derivative	Indian Journal of Chemical Technology	31	2	197	212	0.5	10.56042/ijct.v31i2.4738
4611	Reddy A.S., Challa K.K., Srinivas S., Ramamohan T.R., Vajravelu K.	Influence of Ohmic heating and thermal radiation on chemically reactive pulsatile flow of Casson nanofluid in a vertical porous channel embedded in non-Darcy porous medium	Indian Journal of Chemical Technology	31	2	186	196	0.5	10.56042/ijct.v31i2.5482

4612	Nivethika S.D.	A SIMPLE STRUCTURED MULTIBAND TERAHERTZ METAMATERIAL ABSORBER WITH A HIGH Q FACTOR [ENOSTAVNO STRUKTURIRANI VE^ PASOVNI TERAHER^NI METAMATERIAL ZA ABSORBERJE Z VISOKIM Q FAKTORJEM]	Materiali in Tehnologije	58	2	225	230	0.5	10.17222/mit.2023.1040
4613	Ramadoss R., Sangeetha R.G., Krithika S., Shahil Kumar S., Naveen Kumar G., Rajashree P., Krishnan R.	Biomechanical behavior of three-dimensional bioactive composite constructs on extraction socket remodeling	Oral Science International					0.5	10.1002/osi2.1244
4614	Srilakshmi R., Manikandan T., Nivethika S.D., Pandian M.S.	Deployable reconfigurable antenna with intrinsic strain sensing capabilities for stretchable soft robotic applications	Journal of Optoelectronics and Advanced Materials	26	01-Feb	18	27	0.5	
4615	Kumar V.K., Kowsalya M., Ra I.-H., Samanvita N., Singh A., Kumar V.P.	An Analysis of Positive Switching Impulse Voltage and negative streamer growth in point-sphere gap towards Valve Hall	Przegląd Elektrotechniczny	5		190	193	0.5	10.15199/48.2024.05.35
4616	Vinothkumar B., Poornima T.	Non-uniform energy source / sink influence on magneto-convective CdTe and C/H2O suspended Williamson fluid model: Computational approach	Indian Journal of Chemical Technology	31	3	394	410	0.5	10.56042/ijct.v31i3.6451

4617	Lavanya B., Rajkumar A.D.	Paradigm shift in the digital transformation of the banking sector: A bibliometric analysis	International Journal of Advanced and Applied Sciences	11	3	115	126	0.5	10.21833/ijaas.2024.03.013
4618	Anbarasu A., Bhuvaneshwari M.	Effect of positive psychology intervention on stress among tribal adolescents in Jawadhu Hills, India	International Journal of Advanced and Applied Sciences	11	3	137	148	0.5	10.21833/ijaas.2024.03.015
4619	Prasanna Kumaar S., Sivasubramanian A.	Design of polymer BenzoCycloButene (BCB) based silicon photonic MZI waveguide for label-free biosensing	Optoelectronics and Advanced Materials, Rapid Communications	18	03-Apr	93	102	0.5	
4620	Senbagaraja P., De P.	DUAL SOLUTION OF EMHD TANGENT HYPERBOLIC NANOFUID WITH VISCOUS DISSIPATION AND SUCTION	International Journal of Fluid Mechanics Research	51	4	17	41	0.5	10.1615/INTERJFLUIDMECHRES.2024052375
4621	Atrey J., Regunathan R., Rajasekaran R.	Real-world application of face mask detection system using YOLOv6	International Journal of Critical Infrastructures	20	3	216	240	0.5	10.1504/IJCIS.2024.138785
4622	Latchoumanane V., Varadhan M.	Antimagicness of tensor product for some wheel related graphs with star	Asian-European Journal of Mathematics					0.5	10.1142/S1793557124500499
4623	Khairwa A., Thangavelu A.	Moving object detection for surveillance video frames using two stage multi-scale residual convolution neural networks	International Journal of Grid and Utility Computing	15	03-Apr	253	262	0.5	10.1504/IJGUC.2024.140124

4624	Shrila Banerjee, Abul Kalam Azad Mandal	Role of MicroRNA Modulated Wnt Pathway in Breast Cancer and Its Therapeutic Use	Cytology and Genetics	58	4	326	342	0.5	10.3103/S0095452724040108
4625	Kumar A.G.	The BJP's expansionist strategies in Tamil Nadu (2014–present)	Contemporary South Asia					0.5	10.1080/09584935.2024.2371788
4626	Shijo J.S., Behera N.	APPLICATION OF MACHINE LEARNING FOR PREDICTING PRESSURE DROP IN FLUIDIZED DENSE PHASE PNEUMATIC CONVEYING	International Journal of Fluid Mechanics Research	51	5	1	5	0.5	10.1615/InterJFluidMechRes.2024051796
4627	Naidu K.K., Babu D.H., Narayana P.V.S., Reddy S.H., Rashad A.M.	Computational analysis for magnetized radiative Jeffrey nanofluid (Au/ C ₂ H ₆ O ₂) flow in a rotating system with activation energy	Indian Journal of Chemical Technology	31	4	593	603	0.5	10.56042/ijct.v31i4.7530
4628	Asha K.N., Rajkumar R.	Cross domain and adversarial learning based deep learning approach for web recommendation	International Journal of Critical Infrastructures	20	4	341	355	0.5	10.1504/IJCIS.2024.140556
4629	Alankrita B., Meenu B.	Delineating Dalit trauma: (re)contextualizing cultural trauma, survivor's guilt and partial privilege in post millennial Dalit women's memoirs	Contemporary South Asia	32	3	316	328	0.5	10.1080/09584935.2024.2378443
4630	Palanivel R.	HYERS-ULAM STABILITY OF BABBAGE EQUATION	Communications of the Korean Mathematical Society	39	3	731	737	0.5	10.4134/CKMS.c230338

4631	Joshi S., Priscila S.S., Rajest S.S., Srivastava K., Surendhar S.P.A., Rajasekaran R.	Nonlinear control-based class-D amplifier for audio intelligent infrastructure applications	International Journal of Critical Infrastructures	20	4	309	328	0.5	10.1504/IJCIS.2024.140554
4632	Ammar A., Veeramani S.	A Note on the Mapping Theorem for Essential Pseudospectra in a Banach Space	Ukrainian Mathematical Journal	76	3	379	392	0.5	10.1007/s11253-024-02326-7
4633	Ranjan H., Gudipalli A.	IoT enabled industrial fault monitoring and prediction	International Journal on Smart Sensing and Intelligent Systems	17	1			0.5	10.2478/ijssis-2024-0031
4634	Rahul A.K., Singh M.K., Sivaya O.N., Maury S.C., Tiwari R., Biswas R.	LOAD-CARRYING CAPACITY OF PIVOTED CURVED SLIDER BEARINGS SUBJECT TO SURFACE ROUGHNESS PATTERN AND NON-NEWTONIAN FLUID FLOW BEHAVIOR	Journal of the Serbian Society for Computational Mechanics	18	1	110	123	0.5	10.24874/jsscm.2024.18.01.08
4635	Manimaran R.	NUMERICAL INVESTIGATION OF LIQUID-CARRYING AXIAL AND SWIRL FLOW IN A BENT PIPE	International Journal of Fluid Mechanics Research	51	5	17	31	0.5	10.1615/InterJFluidMechRes.2024052342
4636	Janani T.; Yal??n S.	COEFFICIENT BOUNDS USING FABER POLYNOMIAL FOR A NEW SUBCLASS OF MEROMORPHIC BI-UNIVALENT FUNCTIONS	Communications of the Korean Mathematical Society	39	4	851	858	0.5	10.4134/CKMS.c230270
4637	Tamilselvan R.; Selwynraj A.I.	Visible light driven g-C3N4 photocatalytic pretreatment of rice straw for enhanced biogas production	Indian Journal of Chemical Technology	31	5	762	769	0.5	10.56042/ijct.v31i5.5886

4638	Vellapandi V.; Muthusamy S.	Influence of metasteatite on strength and porosity of magnesium oxychloride cement: An experimental and image processing approach	Revista Materia	29	4	0	0	0.5	10.1590/1517-7076-RMAT-2024-0634
4639	Manimaran A., Muthukumaran V., Vijaykrishnaraj R., Silambarasan I.	ALGEBRAIC SUM AND ALGEBRAIC PRODUCT OF SPHERICAL NEUTROSOPHIC SETS	Turkish World Mathematical Society Journal of Applied and Engineering Mathematics	14	2	787	800	0.4	
4640	Pirw A.A., Parthiban A., Singh K.	2-ODD LABELING OF GRAPHS USING SOME GRAPH OPERATIONS	Turkish World Mathematical Society Journal of Applied and Engineering Mathematics	14	2	719	729	0.4	
4641	Parveen S.T., Balamurugan B.J.	INDEPENDENT DOMINATION NUMBER OF GRAPHS THROUGH VERTEX SWITCHING	Turkish World Mathematical Society Journal of Applied and Engineering Mathematics	14	2	508	519	0.4	
4642	GREENI A.B., GAJAVALLI S.	GEODETIC PARAMETERS IN TREE DERIVED ARCHITECTURES	Turkish World Mathematical Society Journal of Applied and Engineering Mathematics	14	2	730	737	0.4	

4643	Paul S.K., Mishra L.N.	APPROXIMATION OF SOLUTIONS THROUGH THE FIBONACCI WAVELETS AND MEASURE OF NONCOMPACTNESS TO NONLINEAR VOLTERRA-FREDHOLM FRACTIONAL INTEGRAL EQUATIONS	Korean Journal of Mathematics	32	1	137	162	0.4	10.11568/kjm.2024.32.1.137
4644	Parveen S.S., Reddy A.V.	Unravelling the concept of innovative work behavior: A critical review [Концепция инновационного трудового поведения: критический обзор]	Organizatsionnaya Psikhologiya	14	1	109	119	0.4	10.17323/2312-5942-2024-14-1-109-119
4645	Amreen M., Venkateswarlu B.	A NEW WAY FOR SOLVING TRANSPORTATION ISSUES BASED ON THE EXPONENTIAL DISTRIBUTION AND THE CONTRAHARMONIC MEAN	Journal of Applied Mathematics and Informatics	42	3	647	661	0.4	10.14317/jami.2024.647
4646	Veeramani S., Ganesh J.	Some remarks on the stability of approximate pseudospectrum	Indian Journal of Pure and Applied Mathematics					0.4	10.1007/s13226-024-00623-2
4647	Pichaimani N.K., Devaraj R.K.	Effectualness of the fixed point results on the nonlinear matrix equations $X=L1+\sum_{i=1}^m M_i * S(X) M_i$ and $X=L2+\sum_{i=1}^m M_i * T(X) M_i$	Indian Journal of Pure and Applied Mathematics					0.4	10.1007/s13226-024-00606-3
4648	Kalaivanan K., Vellingiri J.	A Grey Wolf Optimized-Stacked Ensemble Approach for Nitrate Contamination Prediction in Cauvery Delta	Economic and Environmental Geology	57	3	329	342	0.4	10.9719/EEG.2024.57.3.329

4649	Anitha G., Vanchinathan P.	Construction of permutation polynomials with specific cycle structure over finite fields	Indian Journal of Pure and Applied Mathematics					0.4	10.1007/s13226-024-00668-3
4650	Mohanraj V., Senthilkumar J., Suresh Y., Valaramathi B., Sivanantham S.	Prediction of Preliminary Tests for Cervical Cancer using Artificial Intelligence Models [Przewidywanie wstępnych testów na raka szyjki macicy przy użyciu modeli sztucznej inteligencji]	Przegląd Elektrotechniczny		7	89	95	0.4	10.15199/48.2024.07.19
4651	Karthikeyan K.R., Murugusundaramoorthy G., Cho N.E.	A FAMILY OF HOLOMORPHIC FUNCTIONS ASSOCIATED WITH MUTUALLY ADJOINT FUNCTIONS†	Journal of Applied Mathematics and Informatics	42	4	997	1006	0.4	10.14317/jami.2024.997
4652	Sreenivasulu K., Pasha M.J., Vasavi N., Rajagopal R.N., Basha S.S.	DOMINATING ENERGY AND DOMINATING LAPLACIAN ENERGY OF HESITANCY FUZZY GRAPH	Journal of Applied Mathematics and Informatics	42	4	725	737	0.4	10.14317/jami.2024.725
4653	Subramani N.K., Venugopal S.	Molecular Docking and Dynamic Simulation Studies of Bioactive Compounds from Traditional Medicinal Compounds Against Exfoliative Toxin B from Staphylococcus aureus	Journal of Pharmacology and Pharmacotherapeutics					0.4	10.1177/0976500X241266072
4654	Sandhiya S., Dhanapal A.	SOLVING BI-OBJECTIVE TRANSPORTATION PROBLEM UNDER NEUTROSOPHIC ENVIRONMENT	Journal of Applied Mathematics and Informatics	42	4	831	854	0.4	10.14317/jami.2024.831

4655	Maindola S., Gairola A.R., Rathour L., Mishra L.N.	Some Approximation Properties Of A Certain Summation Integral Type Operator*	Applied Mathematics E - Notes	24		325	338	0.4	
4656	Singh K.; Singh T.; Mishra L.N.; Dubey R.; Rathour L.	A BRIEF REVIEW OF PREDATOR-PREY MODELS FOR AN ECOLOGICAL SYSTEM WITH A DIFFERENT TYPE OF BEHAVIORS	Korean Journal of Mathematics	32	3	381	406	0.4	10.11568/kjm.2024.32.3.381
4657	Wangwe L.; Rathour L.; Mishra L.N.; Mishra V.N.	Fixed point theorems for extended interpolative Kanann-Ćirić-Reich-Rus non-self type mapping in hyperbolic complex-valued metric space	Advanced Studies: Euro-Tbilisi Mathematical Journal	17	2	1	21	0.4	10.32513/asetmj/1932200824017
4658	Kevisam B.; Vanchinathan P.	Permutation polynomials over finite fields providing involutions	Indian Journal of Pure and Applied Mathematics					0.4	10.1007/s13226-024-00705-1
4659	Hemalatha K.; Venkateswarlu B.	NEW RANKING AND NEW ALGORITHM FOR SOLVING DUAL HESITANT FUZZY TRANSPORTATION PROBLEM	Journal of Applied Mathematics and Informatics	42	5	1077	1090	0.4	10.14317/jami.2024.1077
4660	Amreen M.; Venkateswarlu B.	A STATISTICAL TECHNIQUE: MORMAL DISTRIBUTION AND INVERSE ROOT MEAN SQUARE FOR SOLVING TRANSPORTATION PROBLEM	Journal of Applied Mathematics and Informatics	42	5	1195	1210	0.4	10.14317/jami.2024.1195

4661	Joy D.; Dinesh Kumar S.	SINGULAR PERTURBATIONS AND SMALL DELAYS THROUGH LIOUVILLE'S GREEN TRANSFORMATION	Journal of Applied Mathematics and Informatics	42	5	1211	1225	0.4	10.14317/jami.2024.1211
4662	Sahani R.K.; Anand M.; Tagore A.B.; Mehrotra S.; Tabassum R.; Raja S.P.	Android malware analysis using multiple machine learning algorithms	International Journal of Electronic Security and Digital Forensics	16	6	752	774	0.4	10.1504/IJESDF.2024.142013
4663	Sarkarai D.; Desikan K.	Computational analysis of diameter eccentricity based and hyper diameter eccentricity based indices for linear saturated monocarboxylic acids	Journal of the National Science Foundation of Sri Lanka	52	3	311	320	0.4	10.4038/jnsfsr.v52i3.11835
4664	Varma R.S.	Narrating the Desert: The Sublime and Desert Experiences in V. Muzafer Ahamed's Camels in the Sky	English	73	280-281	83	93	0.4	10.1093/english/efae014
4665	Das Nag S.; Rakshit P.; Sarkar N.; De S.; Banerjee S.; Banerjee S.; Ashok Kumar S.K.	Advancement in Mechanistic Alteration of IGFs Family of Receptors to Target Prostate and Cervical Cancer: An Updated Review	Current Cancer Therapy Reviews	0	0	0	0	0.4	10.2174/0115733947302362240807105327
4666	Shakila C.V.; Khadar Babu S.	AN EFFICIENT ADVANCED TIME SERIES MODEL METHODOLOGY FOR PREDICTION OF PADDY PRODUCTION IN TAMIL NADU, INDIA	Journal of Applied Mathematics and Informatics	42	6	1261	1273	0.4	10.14317/jami.2024.1261
4667	Gopalakrishnan B.; Borah R.R.; Lakshmi M.S.	Exploring in Disney Film ?Tangled? and Indian Film ?Yashoda?: A Feminist Film Analysis	Galactica Media: Journal of Media Studies	6	4	314	330	0.4	10.46539/gmd.v6i4.503

4668	Anthonymsamy V.; Khadar Babu S.	IMPROVING REGRESSION ANALYSIS WITH BOX-COX TRANSFORMATION IN A BAYESIAN FRAMEWORK	Journal of Applied Mathematics and Informatics	42	6	1293	1306	0.4	10.14317/jami.2024.1293
4669	Pushpanathan D.; Devarasan E.	MORPHISM PROPERTIES ON ROUGH FUZZY IDEALS IN \mathbb{Z} -RINGS	Missouri Journal of Mathematical Sciences	36	2	136	143	0.4	10.35834/2024/3602136
4670	Budhi S.; Sajja V.S.; Lanka S.; Velusamy K.; Mani M.A.	RESULTS OF CONFORMABLE FRACTIONAL WEIGHTED NEUTRAL INTEGRO-DIFFERENTIAL EQUATIONS	Journal of Applied Mathematics and Informatics	42	6	1389	1399	0.4	10.14317/jami.2024.1389
4671	Srilekha R., Parthiban V.	Simulink Methods to Simulate the COVID-19 Outbreak Using Fractional Order Models	Contemporary Mathematics (Singapore)	5	1	157	174	0.3	10.37256/cm.5120242591
4672	Varun Bose C.S., Udhayakumar R., Muthukumar V., Al-Omari S.	A Study on Approximate Controllability of Ψ -Caputo Fractional Differential Equations with Impulsive Effects	Contemporary Mathematics (Singapore)	5	1	175	198	0.3	10.37256/cm.5120243539
4673	Jeyachandhiran R., Rajendran P.	Analysis of a Single Server Retrial Queueing System with Finite Capacity, F-Policy, Balking, Reneging and Server Maintenance	Contemporary Mathematics (Singapore)	5	1	506	518	0.3	10.37256/cm.5120243745
4674	Gangadharaiah Y.H., Manjunatha N., Nagarathnamma H., Udhayakumar R.	Impact of Local Thermal Non-Equilibrium and Gravity Fluctuations on the Onset of a Darcy-Brinkman Porous Convection	Contemporary Mathematics (Singapore)	5	1	1120	1131	0.3	10.37256/cm.5120244240
4675	Regal A.M., Dinesh Kumar S.	Singular Perturbations and Large Time Delays Through Accelerated Spline-Based Compression Technique	Contemporary Mathematics (Singapore)	5	1	1072	1092	0.3	10.37256/cm.5120244269

4676	Bhargavi N., Poornima T.	Radiative Impact on Jeffery Trihybrid Convective Nanoflow over an Extensible Riga Plate: Multiple Linear Regression Analysis	Contemporary Mathematics (Singapore)	5	1	1036	1053	0.3	10.37256/cm.5120244058
4677	Nandhaprasadh K., Udhayakumar R.	Hilfer Fractional Neutral Stochastic Differential Inclusions with Clarke's Subdifferential Type and fBm: Approximate Boundary Controllability	Contemporary Mathematics (Singapore)	5	1	1013	1035	0.3	10.37256/cm.5120243580
4678	Vinothkumar B., Poornima T.	Computational Approach on Convective-Magneto Trihybrid Nanoflow with Space Dependent Energy Source/Sink: Drug Delivery	Contemporary Mathematics (Singapore)	5	1	978	1012	0.3	10.37256/cm.5120244056
4679	Pavani K., Raghavendar K., Aruna K.	An Efficient Technique to Study Time Fractional Extended Fisher-Kolmogorov Equation	Contemporary Mathematics (Singapore)	5	2	1200	1215	0.3	10.37256/cm.5220242433
4680	Jaiswal S., Chandra Mohan B.	Deep learning-based path tracking control using lane detection and traffic sign detection for autonomous driving	Web Intelligence	22	2	185	207	0.3	10.3233/WEB-230011
4681	Bose C.S.V., Sesum-Cavic V., Udhayakumarudhayar am.v@gmail.com R., Nisha B.A., Al-Omari S., Kishor M.H.	A NOTE ON THE NONLOCAL CONTROLLABILITY OF HILFER FRACTIONAL DIFFERENTIAL EQUATIONS VIA MEASURE OF NONCOMPACTNESS	Journal of Applied Mathematics and Informatics	42	2	399	415	0.3	10.14317/jami.2024.399

4682	Sundarapandiyan S., Nandhini S.	Non-Markovian Feedback Retrial Queue with Two Types of Customers and Delayed Repair Under Bernoulli Working Vacation	Contemporary Mathematics (Singapore)	5	2	2093	2122	0.3	10.37256/cm.52202 43940
4683	Gayathiri V., Manimaran A.	Computing Certain Topological Indices of Silicate Triangle Fractal Network Modeled by the Sierpiński Triangle Network	Contemporary Mathematics (Singapore)	5	2	2150	2164	0.3	10.37256/cm.52202 44062
4684	Revathi R., Poornima T.	Enhanced Energy Transfer Performance in an Inclined Magneto-Convective Sutterby Ternary Hybrid Nanoflow: Application for Nano Diesel	Contemporary Mathematics (Singapore)	5	2	1707	1737	0.3	10.37256/cm.52202 43998
4685	R T., Kumar N.	A Pilot Study on Sexuality Education Using Mindfulness Activities	Sexual Health and Compulsivity					0.3	10.1080/26929953.2 024.2355525
4686	Sarathy R., Ravi Sankar J.	Normalized Laplacian Energy and Distance Based Energy for Cross Monic Zero Divisor Graphs Associated with Commutative Ring	Contemporary Mathematics (Singapore)	5	2	2027	2044	0.3	10.37256/cm.52202 44030
4687	Sethupathi S., Manimaran A.	Cryptographic Signature Scheme for Mobile Edge Computing Using DLFP Over Semiring	Contemporary Mathematics (Singapore)	5	2	1823	1845	0.3	10.37256/cm.52202 44061
4688	Giri M.K., Raghavendar K.	Inclusion Results on Hypergeometric Functions in a Class of Analytic Functions Associated with Linear Operators	Contemporary Mathematics (Singapore)	5	2	1738	1757	0.3	10.37256/cm.52202 44039

4689	Sathya N., Gayathiri R.	Behavioral Biases in Investment Decisions: An Extensive Literature Review and Pathways for Future Research	Journal of Information and Organizational Sciences	48	1	117	131	0.3	10.31341/jios.48.1.6
4690	Pavithra S., Manimaran A.	A LATTICE STRUCTURE OF Z-SOFT COVERING BASED ROUGH SET AND ITS APPLICATION	Turkish World Mathematical Society Journal of Applied and Engineering Mathematics	14	3	1002	1014	0.3	
4691	Sharma V., Parthiban A.	AVERAGE EVEN DIVISOR CORDIAL LABELING: A NEW VARIANT OF DIVISOR CORDIAL LABELING	Turkish World Mathematical Society Journal of Applied and Engineering Mathematics	14	3	1038	1047	0.3	
4692	Deva N., Felix A.	BIPOLAR INTUITIONISTIC FUZZY MATRICES AND ITS DETERMINANT	Turkish World Mathematical Society Journal of Applied and Engineering Mathematics	14	3	1085	1098	0.3	
4693	Shrigan M.G., Murugusundaramoorthy G., Bulboaca T.	CLASSES OF ANALYTIC FUNCTIONS ASSOCIATED WITH THE (p, q) -DERIVATIVE OPERATOR FOR GENERALIZED DISTRIBUTION SATISFYING SUBORDINATE CONDITION	Turkish World Mathematical Society Journal of Applied and Engineering Mathematics	14	3	1311	1327	0.3	

4694	Laavanya D., Devi Yamini S.	GRACEFUL COLORING OF LADDER GRAPHS	Turkish World Mathematical Society Journal of Applied and Engineering Mathematics	14	3	991	1001	0.3	
4695	Krithika M., Vanchinathan P.	An elementary problem in Galois theory about the roots of irreducible polynomials	Proceedings of the Indian Academy of Sciences: Mathematical Sciences	134	2			0.3	10.1007/s12044-024-00799-x
4696	Suresh P.; Lekha Priya K.; Yeturu N.; Bhargavi N.; Mathew M.	Temporal Analysis of Tomato Prices and Arrivals in Karnataka: Insights from SARIMA Model	Indian Journal of Economics and Development	20	3	440	448	0.3	10.35716/IJED-23462
4697	Monika A.; Devi M.N.; Karthikeyan C.; Premavathi R.; Selvanayaki S.; Selvi R.G.; Tayang W.; Mansingh J.P.	Value Chain Dynamics in Farmer Producer Organizations: A Review	Indian Journal of Economics and Development	20	3	578	588	0.3	10.35716/IJED-24102
4698	Seraph Christan C.; Lukose M.; Vijayan K.; John R.A.B.; Vijayachamundeeswari S.P.	Amorphous vs. crystalline Al ₂ O ₃ nanoparticles: a comparative study in photocatalytic dye degradation	Nanomaterials and Energy					0.3	10.1680/jnaen.23.00106
4699	Nithiyanandham E.K.; Keerthi B.S.	PROPERTIES ON SUBCLASS OF SAKAGUCHI TYPE FUNCTIONS USING A MITTAG-LEFFLER TYPE POISSON DISTRIBUTION SERIES	Mathematica Bohemica	149	4	455	470	0.3	10.21136/MB.2023.0061-23

4700	Venkatasachandranth P., Iyapparaja M.	GROUNDNUT CROP PEST DETECTION AND CLASSIFICATION USING COMPREHENSIVE DEEPLARNING MODELS	Suranaree Journal of Science and Technology	31	1	(1	17)	0.2	10.55766/SUJST-2024-01-E02544
4701	Suthenthiraveerappa V., Pitchumani S.V., Gopalan V., Gunasegeran M., Venugopal A., Subramonia A.	MULTI-OBJECTIVE OPTIMIZATION OF THE PROCESS PARAMETERS USING HYBRID TAGUCHI-GREY RELATIONAL ANALYSIS OF BASALT/JUTE FIBER-REINFORCED COMPOSITES	Composites: Mechanics, Computations, Applications			87	101	0.2	10.1615/COMPMECHCOMPUTAPPLINTJ.2024050053
4702	Nandini R.K.H., Ramanathan K.	Implementation of machine learning models for invasive Breast cancer classification – towards early diagnosis	Research Journal of Biotechnology	19	7	95	102	0.2	10.25303/1907rjbt950102
4703	Saranyadevi S., Shanthi V.	A molecular modeling study to identify novel anticancer phytocompounds against the Tankyrase 1 protein	Research Journal of Biotechnology	19	7	18	34	0.2	10.25303/1907rjbt018034
4704	Joel A., Muthuprakash Siva K.M., Jayanthi A.	Characterisation and toxins analysis of symbiotic bacteria Photorhabdus luminescens isolated from Heterorhabditis indica ICRI-18 strain	Research Journal of Biotechnology	19	6	56	62	0.2	10.25303/1906rjbt056062

4705	Mathew J.E.J.E., Ramamoorthy S.	Biophysical profiling and in vitro study of apocarotenoids with calf thymus DNA to explore their efficacy in adjuvant cancer therapy	Research Journal of Biotechnology	19	6	19	27	0.2	10.25303/1906rjbt019027
4706	Swapna P., Phaneendra T., Shekhar M.N.R.	Common fixed point for compatible self-maps in an orbitally complete b-metric space	Italian Journal of Pure and Applied Mathematics		51	452	460	0.2	
4707	Saranya S.R., Sudhakaran R.	A mini review of Tilapia Lake Virus (TiLV): Disease pathogenesis and host immune response against virus	Research Journal of Biotechnology	19	8	105	111	0.2	10.25303/1908rjbt1050111
4708	Salim P., Mandal A.K.A.	Development of theaflavins-loaded albumin nanoparticles and in silico analysis of theaflavins: BSA interaction	Research Journal of Biotechnology	19	9	72	79	0.2	10.25303/1909rjbt072079
4709	Ethakoti R., Arunachalam S.	Role of Quaternary Aminoacid Derivatives and Ion Homeostasis in Amelioration of Salinity Stress	Research Journal of Biotechnology	19	9	124	131	0.2	10.25303/1909rjbt1240131
4710	Praveena V., Mythili S.	Biosorption of Cr ions from tannery effluent using microalgae proteins through metal docking with the prediction of significant protein metal interaction	Research Journal of Biotechnology	19	10	168	181	0.2	10.25303/1910rjbt1680181

4711	Jyothi M.; Vuppu S.	Characteristics of the luminous Photobacterium leiognathi from the Andaman and Nicobar Islands seawater as a source of eco-friendly biopolymers and a tool for toxicity analysis	Research Journal of Biotechnology	19	10	13	30	0.2	10.25303/1910rjbt013030
4712	Abdullah F.; Jishnu J.R.	Legal Perspective of Genetically Modified Crops and Drowsy Stance of International Actors	Biotechnology Law Report					0.2	10.1089/blr.2024.69387.fa
4713	Galeeva E.V.; Galeev R.R.; Sharma P.; Khokhlov A.L.; Somov D.V.; Semanov D.A.; Aryslanov I.R.; Lezhnina N.?.; Platonov V.; Tripathi N.	Development and validation of a portable gas chromatograph method for quantitative determination of oxygen and toxic gas impurities in medical oxygen using planar microchromatographic columns and detectors	Analytical Science and Technology	37	5	261	270	0.2	10.5806/AST.2024.37.5.261
4714	Sushant G.	Examining the access to higher education in chile from an equity perspective	Journal of Education Finance	49	3	367	386	0.2	10.1353/jef.2024.a937827
4715	Ramakrishnegowda A.; Suresh S.; Elumalai R.; Ravi H.; Ramanathan G.	Association of AT1R (A1166C) gene polymorphisms and hypertension: A study in south Indian population and meta-analysis	Journal of Renal Injury Prevention	13	4	0	0	0.2	10.34172/jrip.2024.32197
4716	Payas S.; Azad M.A.K.	Theaflavins loaded niosomes: characterization and in vivo biodistribution in Wistar albino rats	Research Journal of Biotechnology	19	12	40	47	0.2	10.25303/1912rjbt040047

4717	Young J.R.	Tea Leaves and Travesties: J.K. Rowling's Fourth Drama	Children's Literature Association Quarterly	49	1	34	50	0.1	10.1353/chq.2024.a938005
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