

SELECTED PUBLICATIONS LIST - UP TO AUGUST 2023

S. No.	Authors	Title	Source title	Volume	Issue	Page start	Page end	Impact Factor	DOI
1	Jayaraj R., Shetty S., Gothandam K.M., Suja S., Merchant Y.	HPV DNA and p16INK4a positivity in vulvar cancer and vulvar intraepithelial neoplasia	The Lancet Oncology	24	6	e236		54.433	10.1016/S1470-2045(23)00174-2
2	Ahmad M.G., Balamurali M.M., Chanda K.	Click-derived multifunctional metal complexes for diverse applications	Chemical Society Reviews					46.2	10.1039/d3cs00343d
3	Kar B., Das U., Roy N., Paira P.	Recent advances on organelle specific Ru(II)/Ir(III)/Re(I) based complexes for photodynamic therapy	Coordination Chemistry Reviews	474				24.833	10.1016/j.ccr.2022.214860
4	Sivaramakrishna A., Pete S., Mandar Mhaskar C., Ramann H., Venkata Ramanaiah D., Arbaaz M., Niyaz M., Janardan S., Suman P.	Role of hypercoordinated silicon(IV) complexes in activation of carbon–silicon bonds: An overview on utility in synthetic chemistry	Coordination Chemistry Reviews	485				24.833	10.1016/j.ccr.2023.215140
5	Prathima T.S., Choudhury B., Ahmad M.G., Chanda K., Balamurali M.M.	Recent developments on other platinum metal complexes as target-specific anticancer therapeutics	Coordination Chemistry Reviews	490				24.833	10.1016/j.ccr.2023.215231

6	Das S., Doss C G.P., Fletcher J., Kannangai R., Abraham P., Ramanathan G.	The impact of human papilloma virus on human reproductive health and the effect on male infertility: An updated review	Journal of Medical Virology	95	4			20.693	10.1002/jmv.28697
7	Chintala S., Dankoski M.A., Anbarasu A., Ramaiah S., Miryala S.K., Katzenellenbogen R.A.	NFX1-123: A potential therapeutic target in cervical cancer	Journal of Medical Virology	95	6			20.693	10.1002/jmv.28856
8	Iyer D.K., Shaji A., Singh S.P., Tripathi A., Hazra A., Mandal S., Ghosh P.	A review on rhodamine probes for metal ion recognition with a future on artificial intelligence and machine learning	Coordination Chemistry Reviews	495				20.6	10.1016/j.ccr.2023.215371
9	Shukla P.K., Bissell J.E., Kumar S., Pokhrel S., Palani S., Radmall K.S., Obidi O., Parnell T.J., Brasch J., Shrieve D.C., Chandrasekharan M.B.	Structure and functional determinants of Rad6-Bre1 subunits in the histone H2B ubiquitin-conjugating complex	Nucleic Acids Research	51	5	2117	2136	19.16	10.1093/nar/gkad012
10	Basith S.A., Chandrasekhar A.	COVID-19 clinical waste reuse: A triboelectric touch sensor for IoT-cloud supported smart hand sanitizer dispenser	Nano Energy	108				19.069	10.1016/j.nanoen.2023.108183

11	Muktar Ahmed R.F.S., Mohan S.B., Ankanathappa S.M., Shivanna M., Basith S.A., Chandrashekara Shastry M.H., Chandrasekhar A., Sannathammegowda K.	Sucrose assisted chemical- free synthesis of rGO for triboelectric nanogenerator: Green energy source for smart-water dispenser	Nano Energy	106				19.069	10.1016/j.nanoen.20 22.108085
12	Li G., Liu S., Chen Y., Zhao J., Xu H., Weng J., Yu F., Xiong A., Udduttula A., Wang D., Liu P., Chen Y., Zeng H.	An injectable liposome- anchored teriparatide incorporated gallic acid- grafted gelatin hydrogel for osteoarthritis treatment	Nature Communications	14	1			17.694	10.1038/s41467-023- 38597-0

13	<p>Cabral-Marques O., Moll G., Catar R., Preuß B., Bankamp L., Pecher A.-C., Henes J., Klein R., Kamalanathan A.S., Akbarzadeh R., van Oostveen W., Hohberger B., Endres M., Koolmoes B., Levarht N., Postma R., van Duinen V., van Zonneveld A.J., de Vries-Bouwstra J., Fehres C., Tran F., do Vale F.Y.N., da Silva Souza K.B., Filgueiras I.S., Schimke L.F., Baiocchi G.C., de Miranda G.C., da Fonseca D.L.M., Freire P.P., Hackel A.M., Grasshoff H., Stähle A., Müller A., Dechend R., Yu X., Petersen F., Sotzny F., Sakmar T.P.</p>	<p>Autoantibodies targeting G protein-coupled receptors: An evolving history in autoimmunity. Report of the 4th international symposium</p>	<p>Autoimmunity Reviews</p>	<p>22</p>	<p>5</p>			<p>17.390</p>	<p>10.1016/j.autrev.2023.103310</p>
14	<p>Afzal A., Buradi A., Jilte R., Shaik S., Kaladgi A.R., Arıcı M., Lee C.T., Nižetić S.</p>	<p>Optimizing the thermal performance of solar energy devices using meta-heuristic algorithms: A critical review</p>	<p>Renewable and Sustainable Energy Reviews</p>	<p>173</p>				<p>16.799</p>	<p>10.1016/j.rser.2022.112903</p>

15	Thirunavukkarasu M., Sawle Y., Lala H.	A comprehensive review on optimization of hybrid renewable energy systems using various optimization techniques	Renewable and Sustainable Energy Reviews	176				16.799	10.1016/j.rser.2023.113192
16	Pochont N.R., Sekhar Y R.	Recent trends in photovoltaic technologies for sustainable transportation in passenger vehicles – A review	Renewable and Sustainable Energy Reviews	181				16.799	10.1016/j.rser.2023.113317
17	Philip A., Ruban Kumar A.	Recent advancements and developments employing 2D-materials in enhancing the performance of electrochemical supercapacitors: A review	Renewable and Sustainable Energy Reviews	182				16.799	10.1016/j.rser.2023.113423
18	Gopalakrishnan M., Ganesan S., Nguyen M.T., Yonezawa T., Praserthdam S., Pornprasertsuk R., Kheawhom S.	Critical roles of metal–organic frameworks in improving the Zn anode in aqueous zinc-ion batteries	Chemical Engineering Journal	457				16.744	10.1016/j.cej.2023.141334
19	Ezhil Vilian A.T., Tiwari J.N., Alhammadi M., Bhaskaran G., Hwang S.-K., Kim S., Kumar K., Senthil Kumar A., Suk Huh Y., Han Y.-K.	Palladium nanoparticles anchored MoS ₂ -MXene composite modified electrode for rapid sensing of toxic bisphenol A in aqueous media	Chemical Engineering Journal	469				16.744	10.1016/j.cej.2023.144017
20	Gautam A., Khajone V.B., Bhagat P.R., Kumar S., Patle D.S.	Metal- and ionic liquid-based photocatalysts for biodiesel production: a review	Environmental Chemistry Letters					15.7	10.1007/s10311-023-01637-8

21	Dennyson Savariraj A., Justin Raj C., Kale A.M., Kim B.C.	Road Map for In Situ Grown Binder-Free MOFs and Their Derivatives as Freestanding Electrodes for Supercapacitors	Small					15.153	10.1002/smll.202207713
22	Srinivasan P., Madhu D.K., Pedugu Sivaraman S., Nagarajan S., Rao C.V.S.B., K Chinaraga P., Mohan A.M., Deivasigamani P.	Chromoionophoric probe imbued porous polymer monolith as a Three-in-One Solid-state Naked-eye sensor for the selective sensing and recovery of Ultra-trace Lead, Mercury, and cadmium ions from Industrial/Environmental samples	Chemical Engineering Journal	471				15.1	10.1016/j.cej.2023.144627
23	Ezhil Vilian A.T., Mohammadi A., Han S., Tiwari J.N., Kumar K., Senthil Kumar A., Saravanan A., Huh Y.S., Han Y.-K.	Gold nanoclusters supported Molybdenum diselenide-porous carbon composite as an efficient electrocatalyst for selective ultrafast probing of chlorpyrifos-pesticide	Chemical Engineering Journal	472				15.1	10.1016/j.cej.2023.145048
24	P V A., Deivasigamani P.	Structurally engineered ion-receptor probe immobilized porous polymer platform as reusable solid-state chromogenic sensor for the ultra-trace sensing and recovery of mercury ions	Journal of Hazardous Materials	454				14.224	10.1016/j.jhazmat.2023.131431
25	Zimmermann N., Noga A., Obbineni J.M., Ishikawa T.	ATP-induced conformational change of axonemal outer dynein arms revealed by cryo-electron tomography	EMBO Journal	42	12			14.012	10.15252/embj.2022112466

26	Wierzbicki S., Douglin J.C., Singh R.K., Dekel D.R., Kruczała K.	Operando EPR Study of Radical Formation in Anion-Exchange Membrane Fuel Cells	ACS Catalysis	13	4	2744	2750	13.700	10.1021/acscatal.2c05843
27	Das N., Maity C.	Chemical Transformations in Supramolecular Hydrogels	ACS Catalysis			5544	5570	13.7	10.1021/acscatal.3c00411
28	Pedugu Sivaraman S., Krishna Kumar S., Srinivasan P., Madhu D.K., Kancharlapalli Chinara P., Nagarajan S., C.V.S. Rao B., Deivasigamani P., Mohan A.M.	Fabrication of reusable probe impregnated polymer monolithic sensor for the visual detection of Cd ²⁺ in natural waters and cigarette samples	Journal of Hazardous Materials	459				13.6	10.1016/j.jhazmat.2023.132248
29	Malik S., Bora J., Dhasmana A., Kishore S., Nag S., Preetam S., Uniyal P., Slama P., Mukherjee N., Haque S., Swed S.	An update on current understanding of the epidemiology and management of the re-emerging endemic Lassa fever outbreaks	International journal of surgery (London, England)	109	3	584	586	13.4	10.1097/JS9.000000000000178
30	Mandal D., Bhattacharya B., Dhar R., Nag S., Devi A., Singh P., Jha S.K.	Monkeypox and extracellular vesicles interlink: an unexplored chapter	International journal of surgery (London, England)	109	3	509	510	13.4	10.1097/JS9.000000000000069
31	Patil D.R., Lee S., Thakre A., Kumar A., Jeong D.-Y., Ryu J.	Obtaining a broadband magneto-mechano-electric generator with large power for IoT operation	Journal of Materials Chemistry A					11.9	10.1039/d3ta01587d

32	Venkateshalu S., Shariq M., Kim B., Patel M., Mahabari K.S., Choi S.-I., Chaudhari N.K., Grace A.N., Lee K.	Recent advances in MXenes: beyond Ti-only systems	Journal of Materials Chemistry A	11	25	13107	13132	11.9	10.1039/d3ta01590d
33	Venkateshalu S., Tomboc G.M., Nagalingam S.P., Kim J., Sawaira T., Sehar K., Pollet B.G., Kim J.Y., Nirmala Grace A., Lee K.	Synergistic MXene/LDH heterostructures with extensive interfacing as emerging energy conversion and storage materials	Journal of Materials Chemistry A					11.9	10.1039/d3ta01992f
34	Shanmugam L., Palanimuthu K., Joo Y.H.	Decentralized Sampled-Data Control for Stochastic Disturbance in Interconnected Power Systems With PMSG-Based Wind Turbines	IEEE Transactions on Cybernetics			1	10	11.8	10.1109/TCYB.2023.3302294
35	Chakraborty P., Dey A., Gopalakrishnan A.V., Swati K., Ojha S., Prakash A., Kumar D., Ambasta R.K., Jha N.K., Jha S.K., Dewanjee S.	Glutamatergic neurotransmission: A potential pharmacotherapeutic target for the treatment of cognitive disorders	Ageing Research Reviews	85				11.788	10.1016/j.arr.2022.101838
36	Elangovan A., Babu H.W.S., Iyer M., Gopalakrishnan A.V., Vellingiri B.	Untangle the mystery behind DS-associated AD – Is APP the main protagonist?	Ageing Research Reviews	87				11.788	10.1016/j.arr.2023.101930
37	Venkadavarahan M., Joji M.S., Marisamynathan S.	Development of spatial econometric models for estimating the bicycle sharing trip activity	Sustainable Cities and Society	98				11.7	10.1016/j.scs.2023.104861

38	Hossain M.A., Illescas-Lopez S., Nair R., Cuerva J.M., Álvarez De Cienfuegos L., Pramanik S.	Transverse magnetoconductance in two-Terminal chiral spin-selective devices	Nanoscale Horizons					11.684	10.1039/d2nh00502f
39	Sakthi Priya M., Sakthivadivel D.	Experimental investigation on the thermal performance of a novel thermosyphon heat pipe with truncated cone for heat recovery systems	Energy Conversion and Management	276				11.533	10.1016/j.enconman.2022.116522
40	Vignesh R., Ashok B.	Intelligent energy management through neuro-fuzzy based adaptive ECMS approach for an optimal battery utilization in plugin parallel hybrid electric vehicle	Energy Conversion and Management	280				11.533	10.1016/j.enconman.2023.116792
41	Kontoleon K.J., Saboor S., Mazzeo D., Ahmad J., Cuce E.	Thermal sensitivity and potential cooling-related energy saving of masonry walls through the lens of solar heat-rejecting paints at varying orientations	Applied Energy	329				11.446	10.1016/j.apenergy.2022.120264
42	Pietrykowski K., Kasianantham N., Ravi D., Jan Gęca M., Ramakrishnan P., Wendeker M.	Sustainable energy development technique of vertical axis wind turbine with variable swept area – An experimental investigation	Applied Energy	329				11.446	10.1016/j.apenergy.2022.120262

43	Mohan V., Mariappan V.K., Pazhamalai P., Krishnamoorthy K., Kim S.-J.	Unravelling the impact of carbon allotropes in flexible polydimethylsiloxane film towards self-powered triboelectric humidity sensor	Carbon	205		328	335	11.307	10.1016/j.carbon.2023.01.022
44	Akenroye T.O., Oyedijo A., Rajan V.C., Zsidisin G.A., Mkansi M., Baz J.E.	Connecting the dots: uncovering the relationships between challenges confronting Africa's organ transplant supply chain systems	Supply Chain Management	28	7	43	61	11.263	10.1108/SCM-12-2022-0457
45	Dsilva Winfred Rufuss D., Hosseinipour E., Arulvel S., Davies P.A.	Complete parametric investigation of a forward osmosis process using sodium chloride draw solution	Desalination	547				11.211	10.1016/j.desal.2022.116218
46	Ray S.S., Verma R.K., Singh A., Ganesapillai M., Kwon Y.-N.	A holistic review on how artificial intelligence has redefined water treatment and seawater desalination processes	Desalination	546				11.211	10.1016/j.desal.2022.116221
47	Venkadavarahan M., Marisamynathan S.	Development of freight trip generation model using observed and unobserved information of supply chain characteristics for a sustainable urban transformation	Journal of Cleaner Production	421				11.1	10.1016/j.jclepro.2023.138500

48	Dauda A.K., Panda A., Mishra U.	Synergistic effect of complementary cleaner energy sources on controllable emission from hybrid power systems in optimal power flow framework	Journal of Cleaner Production	419				11.1	10.1016/j.jclepro.2023.138290
49	Aravind Kumar N., Aradhana S., Harleen, Vishnuraj M.R.	SARS-CoV-2 in digital era: Diagnostic techniques and importance of nucleic acid quantification with digital PCRs	Reviews in Medical Virology					11.1	10.1002/rmv.2471
50	Nayak A.K., Sasmal A.	Recent advance on fundamental properties and synthesis of barium zirconate for proton conducting ceramic fuel cell	Journal of Cleaner Production	386				11.072	10.1016/j.jclepro.2022.135827
51	Malladi R.C., Selvaraj T.	Sustainable production of nanolime using plant extracts by fermentation: A traditional approach towards conservation of heritage structures	Journal of Cleaner Production	397				11.072	10.1016/j.jclepro.2023.136580
52	Peter John E., Mishra U.	A sustainable three-layer circular economic model with controllable waste, emission, and wastewater from the textile and fashion industry	Journal of Cleaner Production	388				11.072	10.1016/j.jclepro.2022.135642
53	Panda A., Mishra U.	An environmental optimal power flow framework of hybrid power systems with pumped hydro storage	Journal of Cleaner Production	391				11.072	10.1016/j.jclepro.2023.136087

54	Chakraborty S., Ramasubbu K., Banerjee M., Balaji M.P., Vinayagam Y., Devi Rajeswari V.	A systematic review on the molecular and clinical association between Human Papillomavirus and Human Immunodeficiency Virus co- infection in Head, Neck and Oral squamous cell carcinoma	Reviews in Medical Virology					11.043	10.1002/rmv.2462
55	Vuppaladadiyam A.K., Vuppaladadiyam S.S.V., Sahoo A., Murugavelh S., Anthony E., Bhashkar T., Zheng Y., Zhao M., Duan H., Zhao Y., Antunes E., Sarmah A.K., Leu S.-Y.	Bio-oil and biochar from the pyrolytic conversion of biomass: A current and future perspective on the trade-off between economic, environmental, and technical indicators	Science of the Total Environment	857				10.753	10.1016/j.scitotenv. 2022.159155
56	Sivagami K., Sharma P., Karim A.V., Mohanakrishna G., Karthika S., Divyapriya G., Saravanathamizhan R., Kumar A.N.	Electrochemical-based approaches for the treatment of forever chemicals: Removal of perfluoroalkyl and polyfluoroalkyl substances (PFAS) from wastewater	Science of the Total Environment	861				10.753	10.1016/j.scitotenv. 2022.160440

57	Iyer M., Anand U., Thiruvencataswamy S., Babu H.W.S., Narayanasamy A., Prajapati V.K., Tiwari C.K., Gopalakrishnan A.V., Bontempi E., Sonne C., Barceló D., Vellingiri B.	A review of chromium (Cr) epigenetic toxicity and health hazards	Science of the Total Environment	882				10.753	10.1016/j.scitotenv.2023.163483
58	Farooq M., Nisa F.U., Manzoor Z., Tripathi S., Thulasiraman A.V., Khan M.I., Khan M.Y.A., Gani K.M.	Abundance and characteristics of microplastics in a freshwater river in northwestern Himalayas, India - Scenario of riverbank solid waste disposal sites	Science of the Total Environment	886				10.753	10.1016/j.scitotenv.2023.164027
59	Gundupalli M.P., Cheenkachorn K., Chuetor S., Kirdponpattara S., Gundupalli S.P., Show P.-L., Sriariyanun M.	Assessment of pure, mixed and diluted deep eutectic solvents on Napier grass (<i>Cenchrus purpureus</i>): Compositional and characterization studies of cellulose, hemicellulose and lignin	Carbohydrate polymers	306		120599		10.723	10.1016/j.carbpol.2023.120599
60	Paul J., Ahankari S.S.	Nanocellulose-based aerogels for water purification: A review	Carbohydrate Polymers	309				10.723	10.1016/j.carbpol.2023.120677
61	Kavya M., Mathew A., Shekar P.R., P S.	Short term water demand forecast modelling using artificial intelligence for smart water management	Sustainable Cities and Society	95				10.696	10.1016/j.scs.2023.104610

62	Nandy S., Adhikari M., Ray A., Rai R., Singh T.N.	Edge-centric Intelligent Early Warning System for Residual Soil Stability Prediction in Slope	IEEE Internet of Things Journal			1	1	10.6	10.1109/JIOT.2023.3293126
63	Bashir A.K., Victor N., Bhattacharya S., Huynh-The T., Chengoden R., Yenduri G., Maddikunta P.K.R., Pham Q., Gadekallu T.R., Liyanage M.	Federated Learning for the Healthcare Metaverse: Concepts, Applications, Challenges, and Future Directions	IEEE Internet of Things Journal			1	1	10.6	10.1109/JIOT.2023.3304790
64	Karunanithy K., Velusamy B., Krishnakumar S., V J.S.	Energy Efficient Data Routing in Land-Slide Prone Area using Wireless Sensor Networks with Drone	IEEE Internet of Things Journal			1	1	10.6	10.1109/JIOT.2023.3301955
65	Manikandan R., Raj C.J., Goli N., Oh J.-M., Kim B.C., Periyasamy S., Lee J.	Interconnected Vanadyl Pyrophosphate Nanonetworks as a Flexible Electrode for High-Voltage and Long-Life Li-Ion Supercapacitors	ACS Applied Materials and Interfaces					10.383	10.1021/acsami.3c00024
66	Chen H., Kosiba K., Lu T., Yao N., Liu Y., Wang Y., Prashanth K.G., Suryanarayana C.	Hierarchical microstructures and strengthening mechanisms of nano-TiC reinforced CoCrFeMnNi high-entropy alloy composites prepared by laser powder bed fusion	Journal of Materials Science and Technology	136		245	259	10.319	10.1016/j.jmst.2022.06.053

67	Manikandan R., Savariraj A.D., Nagaraju G., Kale A.M., Puigdollers J., Park H., Kim H.-S., Oh J.-M., Raj C.J., Kim B.C.	Mixed-phase composites derived from cobalt terephthalate as efficient battery-type electrodes for high-performance supercapattery	Journal of Materials Science and Technology	157		220	233	10.319	10.1016/j.jmst.2023. 02.019
68	Velayutham R., Raj C.J., Jang H.M., Cho W. J., Palanisamy K., Kaya C., Kim B.C.	Surface-oriented heterostructure of iron metal organic framework confined molybdenum disulfides as an efficient bifunctional electrocatalyst for overall water splitting	Materials Today Nano	24				10.3	10.1016/j.mtnano.2 023.100387
69	Vijayan V., Mohapatra A., Singh S.N., Dewangan C.L.	An Efficient Modular Optimization Scheme for Unbalanced Active Distribution Networks with uncertain EV and PV Penetrations	IEEE Transactions on Smart Grid			1	1	10.275	10.1109/TSG.2023.3 234551
70	Balasundaram A., Routray S., Prabu A.V., Krishnan P., Malla P.P., Maiti M.	Internet of things (IoT) based Smart Healthcare System for Efficient Diagnostics of Health Parameters of Patients in Emergency Care	IEEE Internet of Things Journal			1	1	10.238	10.1109/JIOT.2023.3 246065
71	Raja G., Saravanan G., Prathiba S.B., Akhtar Z., Khowaja S.A., Dev K.	Smart Navigation and Energy Management Framework for Autonomous Electric Vehicles in Complex Environments	IEEE Internet of Things Journal			1	1	10.238	10.1109/JIOT.2023.3 244854

72	Ahmed S.T., Kumar V., Kim J.	AITel: eHealth Augmented Intelligence based Telemedicine Resource Recommendation Framework for IoT devices in Smart cities	IEEE Internet of Things Journal			1	1	10.238	10.1109/JIOT.2023.3243784
73	S V., N.G. B.A., Baik N.	Detection of DoS Attacks in Smart City Networks with Feature Distance Maps: A Statistical Approach	IEEE Internet of Things Journal			1	1	10.238	10.1109/JIOT.2023.3264670
74	Sankaran K.S., Kim T., P.N.Renjith	An Improved AI based Secure M-Trust Privacy Protocol for Medical Internet of Things in Smart Healthcare System	IEEE Internet of Things Journal			1	1	10.238	10.1109/JIOT.2023.3280592
75	Velvizhi G., Nair R., Goswami C., Arumugam S.K., Shetti N.P., Aminabhavi T.M.	Carbon credit reduction: A techno-economic analysis of "drop-in" fuel production	Environmental Pollution	316				9.988	10.1016/j.envpol.2022.120507
76	Naha A., Antony S., Nath S., Sharma D., Mishra A., Biju D.T., Madhavan A., Binod P., Varjani S., Sindhu R.	A hypothetical model of multi-layered cost-effective wastewater treatment plant integrating microbial fuel cell and nanofiltration technology: A comprehensive review on wastewater treatment and sustainable remediation	Environmental Pollution	323				9.988	10.1016/j.envpol.2023.121274
77	Kiruthika R., Krishnasamy R., Lakshmanan S., Prakash M., Manivannan A.	Non-fragile sampled-data control for synchronization of chaotic fractional-order delayed neural networks via LMI approach	Chaos, Solitons and Fractals	169				9.922	10.1016/j.chaos.2023.113252

78	Madhusudanan V., Srinivas M.N., Murthy B.S.N., Ansari K.J., Zeb A., Althobaiti A., Sabbar Y.	The influence of time delay and Gaussian white noise on the dynamics of tobacco smoking model	Chaos, Solitons and Fractals	173				9.922	10.1016/j.chaos.2023.113616
79	Dong Y., Wang D., Li Q., Luo X., Zhang J., Prashanth K.G., Wang P., Eckert J., Mädler L., Okulov I.V., Yan M.	Strong and ductile titanium via additive manufacturing under a reactive atmosphere	Materials Today Advances	17				9.918	10.1016/j.mtadv.2023.100347
80	Swaminathan R., Pazhamalai P., Mohan V., Krishnamoorthy K., Kim S.-J.	Topochemically prepared tungsten disulfide nanostructures as a novel pseudocapacitive electrode for high performance supercapacitor	Journal of Colloid and Interface Science	652		845	855	9.9	10.1016/j.jcis.2023.07.143
81	G H., G S., R.S. R., R D., R P., R R.	Early detection of emerging persistent perfluorinated alkyl substances (PFAS) along the east coast of India	Science of the Total Environment	902				9.8	10.1016/j.scitotenv.2023.166155
82	Dhanith P.R.J., Prabha K.S.S.	A critical empirical evaluation of deep learning models for solving aspect based sentiment analysis	Artificial Intelligence Review					9.588	10.1007/s10462-023-10460-0

83	Sundaram N., Meena S.D.	Integrated animal monitoring system with animal detection and classification capabilities: a review on image modality, techniques, applications, and challenges	Artificial Intelligence Review					9.588	10.1007/s10462-023-10534-z
84	Ramana K., Srivastava G., Kumar M.R., Gadekallu T.R., Lin J.C., Alazab M., Iwendi C.	A Vision Transformer Approach for Traffic Congestion Prediction in Urban Areas	IEEE Transactions on Intelligent Transportation Systems			1	13	9.551	10.1109/TITS.2022.3233801
85	Anbalagan S., Raja G., Gurumoorthy S., Suresh R.D., Dev K.	IIDS: Intelligent Intrusion Detection System for Sustainable Development in Autonomous Vehicles	IEEE Transactions on Intelligent Transportation Systems			1	10	9.551	10.1109/TITS.2023.3271768
86	Pazhani A., Venkatraman M., Anthony Xavier M., Moganraj A., Batako A., Paulsamy J., Jayaseelan J., Anbalagan A., Shanthi Bavan J.	Synthesis and characterisation of graphene-reinforced AA 2014 MMC using squeeze casting method for lightweight aerospace structural applications	Materials and Design	230				9.417	10.1016/j.matdes.2023.111990
87	Vengadesan E., Dhinakaran V., Senthil S., Renugadevi P., Senthil R.	Performance augmentation of solar air heater using absorber with multi-functional encapsulated PCM tubes	Journal of Energy Storage	72				9.4	10.1016/j.est.2023.108296

88	I A.S., B R.B., Chandan M.R., Mohandas M.	Tapping the supercapacitive properties of porous activated carbon from expired white chickpeas	Journal of Energy Storage	71				9.4	10.1016/j.est.2023.108150
89	Reddy B.D., Rahul S.V.S., Harish R.	Impact of fin number and nanoparticle size on molten salt NanoPCM melting in finned annular space	Journal of Energy Storage	72				9.4	10.1016/j.est.2023.108705
90	Lokhande I.K., Tiwari N.	Enhancing lithium-ion battery cooling efficiency using composite phase change material packed mini-chambers: A numerical study	Journal of Energy Storage	72				9.4	10.1016/j.est.2023.108749
91	Sarigamala K.K., Lin Y.-H., Pan K.R., Chen H.-Y.	Life span enhancement of low cost soluble-lead-redox-flow battery using high performance meso-graphite spherules/AC anode	Journal of Energy Storage	70				9.4	10.1016/j.est.2023.107957
92	Kewate O.J., Punniyakoti S.	Ti ₃ AlC ₂ MAX phase and Ti ₃ C ₂ TX MXene-based composites towards supercapacitor applications: A comprehensive review of synthesis, recent progress, and challenges	Journal of Energy Storage	72				9.4	10.1016/j.est.2023.108501
93	Ahmad F., Saha P., Singh V., Wahid M., Mandal R.K., Nath Mishra B., Fagoonee S., Haque S.	Diet as a modifiable factor in tumorigenesis: Focus on microbiome-derived bile acid metabolites and short-chain fatty acids	Food Chemistry	410				9.231	10.1016/j.foodchem.2022.135320

94	Harathi J., Kumar R.S., Kumar S.K.A., Saravanakumar D., Senthilkumar S., Thenmozhi K.	Terpyridine-Zn(II) based water-soluble fluorescent probes for selective detection of pyrophosphate ions in aqueous medium and its bioimaging application in living cells	Sensors and Actuators B: Chemical	390				9.221	10.1016/j.snb.2023.133967
95	Savariraj A.D., Raj C.J., Velayutham R., Jang H.M., Sivakumar P., Cho W.-J., Kim B.C.	Experimental and theoretical exploration of nickel ion-implanted metal-organic frameworks (ZIF-67) as free-standing electrodes for hybrid supercapacitors	Journal of Power Sources	580				9.2	10.1016/j.jpowsour.2023.233467
96	Puliparambil Thilakan A., Hsu W.-H., Yang Y.-W., Wang Y.-T., Yabushita A., Luo C.-W., Chen M.-H.	Investigations of Carrier Transport Mechanisms in Perovskite Solar Cells with Different Types of ZnO Layer	Solar RRL					9.173	10.1002/solr.202300314
97	Chellapandi T., Madhumitha G., Roopan S.M., Manjupriya R., Arunachalapandi M., Pouthika K., Elamathi M.	Facile synthesis route for visible active g-C ₃ N ₅ /MK30 nanocomposite and its computationally guided photocatalytic degradation of organic pollutants	Separation and Purification Technology	307				9.136	10.1016/j.seppur.2022.122865
98	Kaushik S., Ahmad F., Choudhary S., Mathkor D.M., Mishra B.N., Singh V., Haque S.	Critical appraisal and systematic review of genes linked with cocaine addiction, depression and anxiety	Neuroscience and Biobehavioral Reviews	152				9.052	10.1016/j.neubiorev.2023.105270

99	Sathish Kumar T., Ashok B., Saravanan B.	Calibration of flex-fuel operating parameters using grey relational analysis to enhance the output characteristics of ethanol powered direct injection SI engine	Energy	281				9	10.1016/j.energy.2023.128340
100	Dewangan C.L., Vijayan V., Shukla D., Chakrabarti S., Singh S.N., Sharma A., Hossain M.A.	An improved decentralized scheme for incentive-based demand response from residential customers	Energy	284				9	10.1016/j.energy.2023.128568
101	Aravind M.K., Vignesh N.S., Gayathri S., Anjitha N., Athira K.M., Gunaseelan S., Arunkumar M., Sanjaykumar A., Karthikumar S., Ganesh Moorthy I.M., Ashokkumar B., Pugazhendhi A., Varalakshmi P.	Review on rewiring of microalgal strategies for the heavy metal remediation - A metal specific logistics and tactics	Chemosphere	313				8.943	10.1016/j.chemosphere.2022.137310
102	Pugazhenthiran N., Sathishkumar P., Albormani O., Murugesan S., Kandasamy M., Selvaraj M., Suresh S., Kumar S.K., Contreras D., Váldez H., Mangalaraja R.V.	Silver nanoparticles modified ZnO nanocatalysts for effective degradation of ceftiofur sodium under UV-vis light illumination	Chemosphere	313				8.943	10.1016/j.chemosphere.2022.137515

103	Nivetha N., Srivarshine B., Sowmya B., Rajendiran M., Saravanan P., Rajeshkannan R., Rajasimman M., Pham T.H.T., Shanmugam V., Dragoi E.-N.	A comprehensive review on bio-stimulation and bio- enhancement towards remediation of heavy metals degeneration	Chemosphere	312		137099	8.943	10.1016/j.chemosphere.2022.137099
104	Preethi P.S., Vickram S., Das R., Hariharan N.M., Rameshpathy M., Subbaiya R., Karmegam N., Kim W., Govarthanan M.	Bioprospecting of novel peroxidase from Streptomyces coelicolor strain SPR7 for carcinogenic azo dyes decolorization	Chemosphere	310			8.943	10.1016/j.chemosphere.2022.136836
105	Dash D.M., Osborne W.J.	A systematic review on the implementation of advanced and evolutionary biotechnological tools for efficient bioremediation of organophosphorus pesticides	Chemosphere	313			8.943	10.1016/j.chemosphere.2022.137506
106	Yamini V., Rajeswari V.D.	Metabolic capacity to alter polycyclic aromatic hydrocarbons and its microbe- mediated remediation	Chemosphere	329			8.943	10.1016/j.chemosphere.2023.138707

107	Abilaji S., Sathishkumar K., Narenkumar J., Alsalhi M.S., Devanesan S., Parthipan P., Muthuraj B., Rajasekar A.	Sequential photo electro oxidation and biodegradation of textile effluent: Elucidation of degradation mechanism and bacterial diversity	Chemosphere	331				8.943	10.1016/j.chemosph ere.2023.138816
108	Roy N., Kannabiran K., Mukherjee A.	Integrated adsorption and photocatalytic degradation based removal of ciprofloxacin and sulfamethoxazole antibiotics using Fc@rGO-ZnO nanocomposite in aqueous systems	Chemosphere	333				8.943	10.1016/j.chemosph ere.2023.138912
109	S R., Sabumon P.C.	A critical review on slaughterhouse waste management and framing sustainable practices in managing slaughterhouse waste in India	Journal of Environmental Management	327				8.910	10.1016/j.jenvman.2 022.116823
110	Saira G.C., Shanthakumar S.	Zero waste discharge in tannery industries – An achievable reality? A recent review	Journal of Environmental Management	335				8.91	10.1016/j.jenvman.2 023.117508
111	Sasmal A., Nayak A.K.	Morphology-dependent solvothermal synthesis of spinel NiCo ₂ O ₄ nanostructures for enhanced energy storage device application	Journal of Energy Storage	58				8.907	10.1016/j.est.2022.1 06342

112	Patil S.R., Lokavarapu B.R., Thaliyanvedu H.K.	Optimization of battery cooling system used in electric vehicles	Journal of Energy Storage	58				8.907	10.1016/j.est.2022.106299
113	Yadav V.V., Saravanan B.	Multimachine stability improvement with hybrid renewable energy systems using a superconducting magnetic energy storage in power systems	Journal of Energy Storage	57				8.907	10.1016/j.est.2022.106255
114	Mathew A.A., Thangavel V., Mandhare N.A., Nukulwar M.R.	Latent and sensible heat thermal storage in a heat pipe-based evacuated tube solar dryer: A comparative performance analysis	Journal of Energy Storage	57				8.907	10.1016/j.est.2022.106305
115	Singirikonda S., Yeddula Pedda O.	Investigation on performance evaluation of electric vehicle batteries under different drive cycles	Journal of Energy Storage	63				8.907	10.1016/j.est.2023.106966
116	Harish R.	Magnetoconvection driven melting of nanoenriched paraffin wax in cubical enclosure	Journal of Energy Storage	63				8.907	10.1016/j.est.2023.107014
117	Rajaguru V., Annapoorani K.I.	Virtual synchronous generator based superconducting magnetic energy storage unit for load frequency control of micro-grid using African vulture optimization algorithm	Journal of Energy Storage	65				8.907	10.1016/j.est.2023.107343
118	Shruti M.S., Khilari S., Samuel E.J.J., Han H., Nayak A.K.	Recent trends in graphene assisted vanadium based nanocomposites for supercapacitor applications	Journal of Energy Storage	63				8.907	10.1016/j.est.2023.107006

119	Arjunan A., Ramasamy S., Kim J., Kim S.-K.	Co3O4 nanoparticles-embedded nitrogen-doped porous carbon spheres for high-energy hybrid supercapacitor electrodes	Journal of Energy Storage	68				8.907	10.1016/j.est.2023.107758
120	Manohar A., Vijayakanth V., Vattikuti S.V.P., Reddy G.R., Kim K.H.	A brief review on Zn - based materials and nanocomposites for supercapacitor applications	Journal of Energy Storage	68				8.907	10.1016/j.est.2023.107674
121	Sivakumar P., Raj C.J., Jung H., Park H.S.	2D/2D nanoarchitecture of Ni/NiCo2O4 deposited onto reduced graphene oxide for high-performance hybrid supercapacitor applications	Journal of Energy Storage	69				8.907	10.1016/j.est.2023.107946
122	Praveen Kumar G., Ayou D.S., Narendran C., Saravanan R., Maiya M.P., Coronas A.	Renewable heat powered polygeneration system based on an advanced absorption cycle for rural communities	Energy	262				8.857	10.1016/j.energy.2022.125300
123	G N.R., Ravikumar C.V.	Developing novel channel estimation and hybrid precoding in millimeter-wave communication system using heuristic-based deep learning	Energy	268				8.857	10.1016/j.energy.2022.126600
124	Sathish T., Surakasi R., Kishore T L., Rathinasamy S., Ağbulut Ü., Shaik S., Park S.G., Afzal A.	Waste to fuel: Pyrolysis of waste transformer oil and its evaluation as alternative fuel along with different nanoparticles in CI engine with exhaust gas recirculation	Energy	267				8.857	10.1016/j.energy.2022.126595

125	Tamilvanan A., Mohanraj T., Ashok B., Santhoshkumar A.	Enhancement of energy conversion and emission reduction of Calophyllum inophyllum biodiesel in diesel engine using reactivity controlled compression ignition strategy and TOPSIS optimization	Energy	264				8.857	10.1016/j.energy.2022.126168
126	N S., Afzal A., V S.H., Ağbulut Ü., Alahmadi A.A., Gowda A.C., Alwetaishi M., Shaik S., Hoang A.T.	Poultry fat biodiesel as a fuel substitute in diesel-ethanol blends for DI-CI engine: Experimental, modeling and optimization	Energy	270				8.857	10.1016/j.energy.2023.126826
127	Jeyaseelan T., El Samad T., Rajkumar S., Chatterjee A., Al-Zaili J.	A techno-economic assessment of waste oil biodiesel blends for automotive applications in urban areas: Case of India	Energy	271				8.857	10.1016/j.energy.2023.127021
128	Dewangan A., Mallick A., Yadav A.K., Islam S., Saleel C.A., Shaik S., Ağbulut Ü.	Production of oxy-hydrogen gas and the impact of its usability on CI engine combustion, performance, and emission behaviors	Energy	278				8.857	10.1016/j.energy.2023.127937
129	Chen Z., Joseph Raj A.N., Rajangam V., Li W., Mahesh V.G.V., Zhuang Z.	Twofold dynamic attention guided deep network and noise-aware mechanism for image denoising	Journal of King Saud University - Computer and Information Sciences	35	3	87	102	8.839	10.1016/j.jksuci.2023.02.003

130	Fathima Begum M., Narayan S.	A pattern mixture model with long short-term memory network for acute kidney injury prediction	Journal of King Saud University - Computer and Information Sciences	35	4	172	182	8.839	10.1016/j.jksuci.2023.03.007
131	Om Kumar C.U., Gajendran S., Bhavadharini R.M., Suguna M., Krithiga R.	EHR privacy preservation using federated learning with DQRE-Scnet for healthcare application domains	Knowledge-Based Systems	275				8.8	10.1016/j.knosys.2023.110638
132	Kumar M., Selvasekaran P., Chidambaram R., Zhang B., Hasan M., Prakash Gupta O., Rais N., Sharma K., Sharma A., Lorenzo J.M., Parameswari E., Deshmukh V.P., Elkelish A., Abdel-Wahab B.A., Chandran D., Dey A., Senapathy M., Singh S., Pandiselvam R., Sampathrajan V., Dhumal S., Amarowicz R.	Tea (<i>Camellia sinensis</i> (L.) Kuntze) as an emerging source of protein and bioactive peptides: A narrative review	Food Chemistry	428				8.8	10.1016/j.foodchem.2023.136783
133	Barathi S., J G., Rathinasamy G., Sabapathi N., Aruljothi K.N., Lee J., Kandasamy S.	Recent trends in polycyclic aromatic hydrocarbons pollution distribution and counteracting bio-remediation strategies	Chemosphere	337				8.8	10.1016/j.chemosphere.2023.139396

134	Balakrishnan B., Kulkarni U.P., Pai A.A., Illangeswaran R.S.S., Mohanan E., Mathews V., George B., Balasubramanian P.	Biomarkers for early complications post hematopoietic cell transplantation: Insights and challenges	Frontiers in Immunology	14				8.786	10.3389/fimmu.202 3.1100306
135	Gangadaran P., Madhyastha H., Madhyastha R., Rajendran R.L., Nakajima Y., Watanabe N., Velikkakath A.K.G., Hong C.M., Gopi R.V., Muthukalianan G.K., Valsala Gopalakrishnan A., Jeyaraman M., Ahn B.- C.	The emerging role of exosomes in innate immunity, diagnosis and therapy	Frontiers in Immunology	13				8.786	10.3389/fimmu.202 2.1085057
136	Velvizhi G., Jacqueline P.J., Shetti N.P., K L., Mohanakrishna G., Aminabhavi T.M.	Emerging trends and advances in valorization of lignocellulosic biomass to biofuels	Journal of Environmental Management	345				8.7	10.1016/j.jenvman.2 023.118527
137	Mosur Nagarajan A., Subramanian A., Prasad Gobinathan K., Mohanakrishna G., Sivagami K.	Electrochemical-based approaches for the treatment of pharmaceuticals and personal care products in wastewater	Journal of Environmental Management	344				8.7	10.1016/j.jenvman.2 023.118385

138	Ricky R., Shanthakumar S.	A pilot-scale study on the removal of binary mixture (ciprofloxacin and norfloxacin) by <i>Scenedesmus obliquus</i> : Optimization, biotransformation, and biofuel profile	Journal of Environmental Management	344				8.7	10.1016/j.jenvman.2023.118388
139	Devi N.C.	Paradoxical leadership and employee creativity: knowledge sharing and hiding as mediators	Journal of Knowledge Management					8.689	10.1108/JKM-10-2022-0779
140	Mahapatro A., Dhal P.R., Parhi D.R., Muni M.K., Sahu C., Patra S.K.	Towards stabilization and navigational analysis of humanoids in complex arena using a hybridized fuzzy embedded PID controller approach	Expert Systems with Applications	213				8.665	10.1016/j.eswa.2022.119251
141	Priyanka S., Oliva D., Mallikarjuna K., Sudhakar M.S.	L-shaped geometry-based pattern descriptor serving shape retrieval	Expert Systems with Applications	213				8.665	10.1016/j.eswa.2022.119260
142	Harkat H., Nascimento J.M.P., Bernardino A., Ahmed H.F.T.	Fire images classification based on a handcraft approach	Expert Systems with Applications	212				8.665	10.1016/j.eswa.2022.118594
143	Saida S.J., Sahoo S.P., Ari S.	Deep convolution neural network based semantic segmentation for ocean eddy detection	Expert Systems with Applications	219				8.665	10.1016/j.eswa.2023.119646

144	Kathirvelu K., Yesudhas A.V.P., Ramanathan S.	Spectral unmixing based random forest classifier for detecting surface water changes in multitemporal pansharpened Landsat image	Expert Systems with Applications	224				8.665	10.1016/j.eswa.2023 .120072
145	Sabireen H., Venkataraman N.	A Hybrid and Light Weight Metaheuristic Approach with Clustering for Multi-Objective Resource Scheduling and Application Placement in Fog Environment	Expert Systems with Applications	223				8.665	10.1016/j.eswa.2023 .119895
146	K V., S J., Karuppiah S.V.	HO-DQLN: Hybrid optimization-based deep Q- learning network for optimizing QoS requirements in service oriented model	Expert Systems with Applications	227				8.665	10.1016/j.eswa.2023 .120188
147	Rahman H.F., Janardhanan M.N., Ponnambalam S.G.	Energy aware semi-automatic assembly line balancing problem considering ergonomic risk and uncertain processing time	Expert Systems with Applications	231				8.665	10.1016/j.eswa.2023 .120737
148	Usharani N., Naha A., Anbarasu A., Ramaiah S., Kanth S.V., Natarajan S.	Green synthesis and characterization of water soluble nanocarnosine: A prospective drug delivery system	Applied Materials Today	32				8.663	10.1016/j.apmt.202 3.101812

149	Chakraborty S., Haldkar A.K., Manoj Kumar N.	Analysis of the hail impacts on the performance of commercially available photovoltaic modules of varying front glass thickness	Renewable Energy	203		345	356	8.634	10.1016/j.renene.20 22.12.061
150	Santosh R., Kumaresan G., Pon Pavithiran C.K., Mathu P., Velraj R.	Effect of geometric variation and solar flux distribution on performance enhancement of absorber tube thermal characteristics for compound parabolic collectors	Renewable Energy	210		671	686	8.634	10.1016/j.renene.20 23.04.053
151	Patil D.R., Lee S., Thakre A., Kumar A., Song H., Jeong D.-Y., Ryu J.	Boosting the energy harvesting performance of cantilever structured magneto- mechano-electric generator by controlling magnetic flux intensity on magnet proof mass	Journal of Materiomics					8.589	10.1016/j.jmat.2023. 02.001
152	Hezam I.M., Almshnanah A., Mubarak A.A., Das A., Foul A., Alrasheedi A.F.	COVID-19 and Rumors: A Dynamic Nested Optimal Control Model	Pattern Recognition	135				8.518	10.1016/j.patcog.20 22.109186
153	Shunmuga Perumal P., Wang Y., Sujasree M., Tulshain S., Bhutani S., Suriyah M.K., Kumar Raju V.U.	LaneScanNET: A deep- learning approach for simultaneous detection of obstacle-lane states for autonomous driving systems	Expert Systems with Applications	233				8.5	10.1016/j.eswa.2023 .120970

154	Subudhi P., Punetha D.	Progress, challenges, and perspectives on polymer substrates for emerging flexible solar cells: A holistic panoramic review	Progress in Photovoltaics: Research and Applications					8.49	10.1002/pip.3703
155	Gigi G., Mohan A.M.	Probe-impregnated monolithic polymer as a robust solid-state colorimetric chemosensor for selective sensing of Hg ²⁺ in environmental water and cigarette samples	Environmental Research	220				8.431	10.1016/j.envres.2023.115210
156	Chellapandi T., Roopan S.M., Madhumitha G.	Interfacial charge transfer of Carrisa edulis fruit extract capped Co ₃ O ₄ nanoparticles on the surface of MK30: An efficient photocatalytic removal of methylthioninium chloride and tetracycline organic pollutants	Environmental Research	219				8.431	10.1016/j.envres.2022.115052
157	Negi B.B., Aliveli M., Behera S.K., Das R., Sinharoy A., Rene E.R., Pakshirajan K.	Predictive modelling and optimization of an airlift bioreactor for selenite removal from wastewater using artificial neural networks and particle swarm optimization	Environmental Research	219				8.431	10.1016/j.envres.2022.115073

158	Saravanan K., Shanthi B., Ravichandran C., Venkatachalapathy B., Sathiyarayanan K.I., Rajendran S., Karthikeyan N.S., Suresh R.	Transformation of used aluminium foil food container into AlOOH nanoflakes with high catalytic activity in anionic azo dye reduction	Environmental Research	218				8.431	10.1016/j.envres.2022.114985
159	Balasubramanian S., Kanagarathinam S., Cingaram R., Bakthavachalam V., Kulathu Iyer S., Rajendran S., Natesan Sundaramurthy K., Ranganathan S.	Waste toner-derived porous iron oxide pigments with enhanced catalytic degradation property	Environmental Research	216				8.431	10.1016/j.envres.2022.114695
160	Sengani M., Chakraborty S., Balaji M.P., Govindasamy R., Alahmadi T.A., Al Obaid S., Karuppusamy I., Lan Chi N.T., Brindhadevi K., V D.R.	Anti-diabetic efficacy and selective inhibition of methyl glyoxal, intervention with biogenic Zinc oxide nanoparticle	Environmental Research	216				8.431	10.1016/j.envres.2022.114475

161	Mathivanan D., Kamaraj C., Suseem S.R., Gandhi P.R., Malafaia G.	Seaweed <i>Sargassum wightii</i> mediated preparation of TiO ₂ nanoparticles, larvicidal activity against malaria and filariasis vectors, and its effect on non-target organisms	Environmental Research	225				8.431	10.1016/j.envres.2023.115569
162	Gitanjali J., Dinesh Ram D.S., R K., Amalan V., Alahmadi T.A., Alharbi S.A., Kandasamy S., Shanmuganthan R., Vijayakumar N.	Antimicrobial, antioxidant, anticancer, and antithrombotic, competency of saponins from the root of <i>Decalepis hamiltonii</i>	Environmental Research	231				8.431	10.1016/j.envres.2023.116096
163	Chen C.-M., Li Z., Kumari S., Srivastava G., Lakshmana K., Gadekallu T.R.	A provably secure key transfer protocol for the fog-enabled Social Internet of Vehicles based on a confidential computing environment	Vehicular Communications	39				8.373	10.1016/j.vehcom.2022.100567
164	Hakak S., Gadekallu T.R., Maddikunta P.K.R., Ramu S.P., M P., De Alwis C., Liyanage M.	Autonomous vehicles in 5G and beyond: A survey	Vehicular Communications	39				8.373	10.1016/j.vehcom.2022.100551
165	Shanmuganathan R., Hoang Le Q., Devanesan S., R M Sayed S., Rajeswari V.D., Liu X., Jhanani G.K.	Mint leaves (<i>Mentha arvensis</i>) mediated CaO nanoparticles in dye degradation and their role in anti-inflammatory, anti-cancer properties	Environmental Research	236				8.3	10.1016/j.envres.2023.116718

166	Kasirajan P., Karunamoorthy S., Velluchamy M., Subramaniam K., Park C.M., Sundaram G.B.	Fabrication of copper molybdate nanoflower combined polymeric graphitic carbon nitride heterojunction for water depollution: Synergistic photocatalytic performance and mechanism insight	Environmental Research	233				8.3	10.1016/j.envres.20 23.116428
167	Thakur A., Venu S., Gurusamy M.	An extensive review on agricultural robots with a focus on their perception systems	Computers and Electronics in Agriculture	212				8.3	10.1016/j.compag.2 023.108146
168	Yamini V., Shanmugam V., Rameshpathy M., Venkatraman G., AL Ramanathan G., AL Garalleh H., Hashmi A., Brindhadevi K., Devi Rajeswari V.	Environmental effects and interaction of nanoparticles on beneficial soil and aquatic microorganisms	Environmental Research	236				8.3	10.1016/j.envres.20 23.116776
169	Md A.Q., Kapoor S., A.V. C.J., Sivaraman A.K., Tee K.F., Sabireen H., Janakiraman N.	Novel optimization approach for stock price forecasting using multi-layered sequential LSTM	Applied Soft Computing	134				8.263	10.1016/j.asoc.2022. 109830
170	Madhu C., Sudhakar M.S.	Adaptive Bezier Curve-based Membership Function formulation scheme for Interpretable Edge Detection	Applied Soft Computing	133				8.263	10.1016/j.asoc.2022. 109968

171	Manna T., A. A.	Precipitation prediction by integrating Rough Set on Fuzzy Approximation Space with Deep Learning techniques[Formula presented]	Applied Soft Computing	139				8.263	10.1016/j.asoc.2023.110253
172	Dey A., Kumar B.R., Das B., Ghoshal A.K.	Outlier detection in social networks leveraging community structure	Information Sciences	634		578	586	8.233	10.1016/j.ins.2023.03.120
173	Alajingi R., R M.	Novel classification of energy sources, with implications for carbon emissions	Energy Strategy Reviews	49				8.2	10.1016/j.esr.2023.101146
174	Sharma Y., Shankar V.	Technologies for the fabrication of crosslinked polysaccharide-based hydrogels and its role in microbial three-dimensional bioprinting – A review	International Journal of Biological Macromolecules	250				8.2	10.1016/j.ijbiomac.2023.126194
175	Ahmed R., Rangaiah G.P., Mahadzir S., Mirjalili S., Hassan M.H., Kamel S.	Memory, evolutionary operator, and local search based improved Grey Wolf Optimizer with linear population size reduction technique	Knowledge-Based Systems	264				8.139	10.1016/j.knosys.2023.110297
176	Mohapatra S., Mohapatra P.	Fast random opposition-based learning Golden Jackal Optimization algorithm	Knowledge-Based Systems	275				8.139	10.1016/j.knosys.2023.110679

177	Kumar T.S., Ashok B.	Corrosion behaviour analysis of SI engine components for ethanol-gasoline blends in flex fuel vehicular application	Fuel Processing Technology	240				8.129	10.1016/j.fuproc.2022.107574
178	Chinnadurai K., Kasianantham N.	Impact on combustion stability, fuel economy and emission compliance with butanol enleanment strategy in gasoline engine – A drop-in fuel approach	Fuel Processing Technology	246				8.129	10.1016/j.fuproc.2023.107756
179	Nanda M., Jaiswal K.K., Negi J., de Farias Neves F., Ranjitha J., Vlaskin M.S., Grigorenko A.V., Chauhan P.K., Kumar V.	A sustainable approach to produce yeast lipid by utilizing marine macroalgae biomass	Fuel	338				8.035	10.1016/j.fuel.2022.127214
180	Thangavel V., Subramanian B., Ponnusamy V.K.	Investigations on the effect of H ₂ and HHO gas induction on brake thermal efficiency of dual-fuel CI engine	Fuel	337				8.035	10.1016/j.fuel.2022.126888
181	Thangaraja J., Zigan L., Rajkumar S.	A machine learning framework for evaluating the biodiesel properties for accurate modeling of spray and combustion processes	Fuel	334				8.035	10.1016/j.fuel.2022.126573

182	Angelaalincy M., Nishtha P., Ajithkumar V., Ashokkumar B., Muthu Ganesh Moorthy I., Brindhadevi K., Thuy Lan Chi N., Pugazhendhi A., Varalakshmi P.	Phycoremediation of Arsenic and biodiesel production using green microalgae Coelastrella sp. M60 – an integrated approach	Fuel	333				8.035	10.1016/j.fuel.2022. 126427
183	Rambabu K., Bharath G., Sivarajasekar N., Velu S., Sudha P.N., Wongsakulphasatch S., Banat F.	Sustainable production of bio- jet fuel and green gasoline from date palm seed oil via hydroprocessing over tantalum phosphate	Fuel	331				8.035	10.1016/j.fuel.2022. 125688
184	Sathish T., Ağbulut Ü., Muthukumar K., Saravanan R., Alwetaishi M., Shaik S., Saleel C.A.	Pore size variation of nano- porous material fixer on the engine bowl and its combined effects on hybrid nano-fuelled CI engine characteristics	Fuel	345				8.035	10.1016/j.fuel.2023. 128149

185	Kumar M., Hasan M., Sharma A., Suhag R., Maheshwari C., Radha, Chandran D., Sharma K., Dhumal S., Senapathy M., Natarajan K., Punniyamoorthy S., Mohankumar P., Dey A., Deshmukh V., Anitha T., Balamurugan V., Pandiselvam R., Lorenzo J.M., Kennedy J.F.	Tinospora cordifolia (Willd.) Hook.f. & Thomson polysaccharides: A review on extraction, characterization, and bioactivities	International Journal of Biological Macromolecules	229		463	475	8.025	10.1016/j.ijbiomac.2022.12.181
186	Kumar Pal S., Kumar S.	LpxC (UDP-3-O-(R-3-hydroxymyristoyl)-N-acetylglucosamine deacetylase) inhibitors: A long path explored for potent drug design	International Journal of Biological Macromolecules	234				8.025	10.1016/j.ijbiomac.2022.12.179
187	Aswathy S.H., NarendraKumar U., Manjubala I.	The influence of molecular weight of cellulose on the properties of carboxylic acid crosslinked cellulose hydrogels for biomedical and environmental applications	International Journal of Biological Macromolecules	239				8.025	10.1016/j.ijbiomac.2023.124282
188	Sen P., Karn R., Kanake D.W., Emerson I A., Khan J.M., Ahmad A.	Picloram binds to the h1 and h4 helices of HSA domain IIIA at drug binding site 2	International Journal of Biological Macromolecules	242				8.025	10.1016/j.ijbiomac.2023.124836

189	T D., Kamaraj B., Vasudevan K., Gopikrishnan M., K R D., Rambabu M., C G.P.D.	Structural immunoinformatics approach for rational design of a multi-epitope vaccine against triple negative breast cancer	International Journal of Biological Macromolecules	243				8.025	10.1016/j.ijbiomac.2023.125209
190	Jayakodi S., Senthilnathan R., Swaminathan A., Shanmugam V.K., Shanmugam R., Krishnan A., Ponnusamy V.K., Tsai P.-C., Lin Y.-C., Chen Y. H.	Bio-inspired nanoparticles mediated from plant extract biomolecules and their therapeutic application in cardiovascular diseases: A review	International Journal of Biological Macromolecules	242				8.025	10.1016/j.ijbiomac.2023.125025
191	Sarkar D.U., Prakash T.	Recurrent neural network based design of fractional order power system stabilizer for effective damping of power oscillations in multimachine system	Engineering Applications of Artificial Intelligence	126				8	10.1016/j.engappai.2023.106922
192	Vignesh R., Ashok B., Senthil Kumar M., Szpica D., Harikrishnan A., Josh H.	Adaptive neuro fuzzy inference system-based energy management controller for optimal battery charge sustaining in biofuel powered non-plugin hybrid electric vehicle	Sustainable Energy Technologies and Assessments	59				8	10.1016/j.seta.2023.103379

193	Damodhar T.S.B., Anandan P., Nalini C., Jerlin M.A., Victor A., Anusha K., Jothilakshmi R.	A mutual certificate-based data privacy scheme for ubiquitous and sustainable computing system users	Sustainable Energy Technologies and Assessments	58				8	10.1016/j.seta.2023. 103356
194	Kataray T., Nitesh B., Yarram B., Sinha S., Cuce E., Shaik S., Vigneshwaran P., Roy A.	Integration of smart grid with renewable energy sources: Opportunities and challenges – A comprehensive review	Sustainable Energy Technologies and Assessments	58				8	10.1016/j.seta.2023. 103363
195	Ganesan S., Dangrit S., Janjaroen D.	Long-term arsenate removal by an iron-amended biosand filter: Modes of operation according to groundwater composition	Journal of Environmental Chemical Engineering	11	3			7.968	10.1016/j.jece.2023. 109814
196	Ricky R., Shanthakumar S.	Removal of ciprofloxacin from aqueous media by Chlorella pyrenoidosa, Scenedesmus obliquus, and isolated Stichococcus bacillaris: A comparative study on toxicity, removal mechanism and biochemical composition	Journal of Environmental Chemical Engineering	11	3			7.968	10.1016/j.jece.2023. 109990
197	Kuppusamy S., Jagadeesan D., Mohan A.M., Pavor Veedu A., Jiji A.E., John A.M., Deivasigamani P.	NH ₂ -MIL-125 MOF integrated translucent mesoporous polymer monolith as dual- light responsive new- generation photocatalyst for the expeditious decontamination of perennial pharmaceuticals	Journal of Environmental Chemical Engineering	11	5			7.968	10.1016/j.jece.2023. 110355

198	Ray S.S., Sharma T.S.K., Singh R., Ratley A., Choi W.M., Ahn Y.-H., Sangeetha D., Kwon Y.-N.	Towards the next generation improved throughput MXene-based membrane for environmental applications: A holistic review	Journal of Environmental Chemical Engineering	11	3			7.968	10.1016/j.jece.2023.110243
199	Karthick C., Kasianantham N.	Experimental assessment of biobutanol degradation exposed to automotive components: A material compatibility approach	Process Safety and Environmental Protection	170		215	228	7.926	10.1016/j.psep.2022.12.009
200	De Poures M.V., Dillikannan D., Kaliyaperumal G., Thanikodi S., Ağbulut Ü., Hoang A.T., Mahmoud Z., Shaik S., Saleel C.A., Afzal A.	Collective influence and optimization of 1-hexanol, fuel injection timing, and EGR to control toxic emissions from a light-duty agricultural diesel engine fueled with diesel/waste cooking oil methyl ester blends	Process Safety and Environmental Protection	172		738	752	7.926	10.1016/j.psep.2023.02.054
201	Muthuraman V.S., Kasianantham N.	Valorization opportunities and adaptability assessment of algae based biofuels for futuristic sustainability-A review	Process Safety and Environmental Protection	174		694	721	7.926	10.1016/j.psep.2023.04.043
202	Nutakki M., Mandava S.	Review on optimization techniques and role of Artificial Intelligence in home energy management systems	Engineering Applications of Artificial Intelligence	119				7.802	10.1016/j.engappai.2022.105721

203	Philip A.O., Saravanaguru R.A.K.	Multisource traffic incident reporting and evidence management in Internet of Vehicles using machine learning and blockchain	Engineering Applications of Artificial Intelligence	117				7.802	10.1016/j.engappai.2022.105630
204	Chakrapani G., Sugumaran V.	Transfer learning based fault diagnosis of automobile dry clutch system	Engineering Applications of Artificial Intelligence	117				7.802	10.1016/j.engappai.2022.105522
205	Priya S., Ilaiyaraja P., Priyadarshini N., Subalekha N.	Effective removal of uranium (VI) using magnetic acid functionalized Fe ₃ O ₄ @TiO ₂ nanocomposite from aqueous solutions	Process Safety and Environmental Protection	178		480	493	7.8	10.1016/j.psep.2023.08.034
206	Ganesan B., Annamalai M.	Anti-synchronization analysis of chaotic neural networks using delay product type looped-Lyapunov functional	Chaos, Solitons and Fractals	174				7.8	10.1016/j.chaos.2023.113898
207	Agathiyan A., Gowrisankar A., Fataf N.A.A., Cao J.	Remarks on the integral transform of non-linear fractal interpolation functions	Chaos, Solitons and Fractals	173				7.8	10.1016/j.chaos.2023.113749
208	Krishnamoorthy S., Paulraj S., Selvaraj N.P., Ragupathy B., Arumugam S.	A novel approach for neural networks based diagnosis and grading of stroke in tumor-affected brain MRIs	Network: Computation in Neural Systems	34	3	190	220	7.8	10.1080/0954898X.2023.2225601
209	Karmakar A., Daftari T., Sivagami K., Chandan M.R., Shaik A.H., Kiran B., Chakraborty S.	A comprehensive insight into Waste to Energy conversion strategies in India and its associated air pollution hazard	Environmental Technology and Innovation	29				7.758	10.1016/j.eti.2023.103017

210	Somasundaram M., NarendraKumar U., Annamalai A.R.	The oxidation behavior of stir-cast and heat-treated EV31A at high temperatures in an air atmosphere	Corrosion Science	211				7.720	10.1016/j.corsci.2022.110894
211	Ahmad F., Ramamorthy S., Areshi M.Y., Ashraf G.M., Haque S.	Isolated Mitochondrial Preparations and In organello Assays: A Powerful and Relevant Ex vivo Tool for Assessment of Brain (Patho)physiology	Current neuropharmacology	21	6	1433	1449	7.708	10.2174/1570159X21666230303123555
212	Belarmin Xavier C.S., Abdul Rahim A.	Optimization and characterization of the ternary blended iron rich natural binder concrete system	Construction and Building Materials	363				7.693	10.1016/j.conbuildmat.2022.129838
213	Srinivasan R., Han H.-S., Subramanian P., Mageswari A., Kim S.-H., Tirumani S., Maurya V.K., Muthukaliannan G.K., Ramya M.	Lipid ROS- and Iron-Dependent Ferroptotic Cell Death in Unicellular Algae Chlamydomonas reinhardtii	Cells	12	4			7.666	10.3390/cells12040553
214	Afzal A., Roy R.G., Koshy C.P., Y A., Abbas M., Cuce E., Razak RK A., Shaik S., Saleel C.A.	Characterization of biodiesel based on plastic pyrolysis oil (PPO) and coconut oil: Performance and emission analysis using RSM-ANN approach	Sustainable Energy Technologies and Assessments	56				7.632	10.1016/j.seta.2023.103046

215	Pandya S., Srivastava G., Jhaveri R., Babu M.R., Bhattacharya S., Maddikunta P.K.R., Mastorakis S., Piran M.J., Gadekallu T.R.	Federated learning for smart cities: A comprehensive survey	Sustainable Energy Technologies and Assessments	55				7.632	10.1016/j.seta.2022.102987
216	Das P., Chandramohan V.P.	A review on recent advances in hybrid solar updraft tower plants: Challenges and future aspects	Sustainable Energy Technologies and Assessments	55				7.632	10.1016/j.seta.2022.102978
217	Senthilkumar A., Prabhu L., Sathish T., Saravanan R., Casmir Jeyaseelan G.A., Ağbulut Ü., Mahmoud Z., Shaik S., Ahamed Saleel C.	Enhancement of R600a vapour compression refrigeration system with MWCNT/TiO2 hybrid nano lubricants for net zero emissions building	Sustainable Energy Technologies and Assessments	56				7.632	10.1016/j.seta.2023.103055
218	Saravanan V., Sreelatha P., Rao Atyam N., Madijagan M., Saravanan D., Ananth kumar T., Parveen Sultana H.	Design of deep learning model for radio resource allocation in 5G for massive iot device	Sustainable Energy Technologies and Assessments	56				7.632	10.1016/j.seta.2023.103054
219	Amulani A., Nandanwar T., Baskaran K., Prakash R., Mohan C.G.	Characterization of tamarind biomass to substantiate the feasibility towards alternative fuel	Sustainable Energy Technologies and Assessments	56				7.632	10.1016/j.seta.2023.103056

220	Wongchai A., Aoudni Y., Yesubabu M., Ahmad Reegu F., Vasantha Gowri N., Vijayakumar P.	Sustainable electric vehicles fault detection based on monitoring by deep Learning Architectures in feature extraction and classification	Sustainable Energy Technologies and Assessments	57				7.632	10.1016/j.seta.2023.103178
221	Srinivasa Sudharsan G., Natarajan K., Rahul S.G., Kumar A.	Active power control in horizontal axis wind turbine considering the fatigue structural load parameter using psuedo adaptive- model predictive control scheme	Sustainable Energy Technologies and Assessments	57				7.632	10.1016/j.seta.2023.103166
222	Khan R., Surya J., Roy M., Swathi Priya M.N., Mohan S., Raman S., Raman A., Vyas A., Raman R.	Use of artificial intelligence algorithms to predict systemic diseases from retinal images	Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery					7.558	10.1002/widm.1506
223	Chakraborty C., Bhattacharya M., Saha A., Alshammari A., Alharbi M., Saikumar G., Pal S., Dhama K., Lee S.-S.	Revealing the structural and molecular interaction landscape of the favipiravir-RTP and SARS-CoV-2 RdRp complex through integrative bioinformatics: Insights for developing potent drugs targeting SARS-CoV-2 and other viruses	Journal of Infection and Public Health	16	7	1048	1056	7.537	10.1016/j.jiph.2023.05.010
224	Hemalatha S., V. M.A.	An idiosyncratic MIMBO-NBRF based automated system for child birth mode prediction	Artificial Intelligence in Medicine	143				7.5	10.1016/j.artmed.2023.102621

225	Sethuram L., Thomas J.	Therapeutic applications of electrospun nanofibers impregnated with various biological macromolecules for effective wound healing strategy – A review	Biomedicine and Pharmacotherapy	157				7.419	10.1016/j.biopha.2022.113996
226	Saranya G.R., Viswanathan P.	Gut microbiota dysbiosis in AKI to CKD transition	Biomedicine and Pharmacotherapy	161				7.419	10.1016/j.biopha.2023.114447
227	Mukherjee A.G., Wanjari U.R., Gopalakrishnan A.V., Bradu P., Biswas A., Ganesan R., Renu K., Dey A., Vellingiri B., El Allali A., Alsamman A.M., Zayed H., George Priya Doss C.	Evolving strategies and application of proteins and peptide therapeutics in cancer treatment	Biomedicine and Pharmacotherapy	163				7.419	10.1016/j.biopha.2023.114832
228	Kontoleon K.J., Bakas I., Cuce E., Saboor S., Torres M.C.A., Georgiadis-Filikas K., Kotsovinos P., Efthymiou E., Tsikaloudaki K.G.	Analysing the impact of insulating material properties on the thermal performance of a novel composite precast concrete walling system exposed to elevated temperatures	Construction and Building Materials	398				7.4	10.1016/j.conbuildmat.2023.132501
229	Sheikh T.M., Anwar M.P., Muthoosamy K., Jaganathan J., Chan A., Mohamed A.A.	Graphene oxide's regenerative acidity and its effects on the hydration of Type II Portland Cement	Construction and Building Materials	364				7.4	10.1016/j.conbuildmat.2022.129933

230	Kumanan T.S., Sofi A.	Progression of bio-modified adobes with derivatives of cassava periderm and clay brick waste by experimental and probabilistic prediction models	Construction and Building Materials	399				7.4	10.1016/j.conbuildmat.2023.132535
231	Avinash Deshmukh S., Chandroday Mataghare B., Shivaji Patil V., Uttamrao Raut S., Vijaykumar Bhuse D., Baburao Khajone V., Rudreshwar Balinge K., Patle D.S., Rambhau Bhagat P.	Melamine-based porphyrin photosensitizer comprising sulphonic acid moieties for efficient aerobic oxidative acetalization of furfuryl alcohol: An access to octane booster under visible light	Fuel	353				7.4	10.1016/j.fuel.2023.129209
232	Selvaraj D., Velvizhi G.	Self-sustained semi-pilot scale Hybrid Eco-Electrogenic Engineered System for the wastewater treatment and bioenergy generation	Journal of Water Process Engineering	51				7.340	10.1016/j.jwpe.2022.103474
233	ALSharyani A.K., Muruganandam L.	Photocatalytic degradation of eicosane and phytane compounds using support zinc oxide nanorods under solar simulator irradiation	Journal of Water Process Engineering	53				7.34	10.1016/j.jwpe.2023.103837

234	Kumar A.S., Gandhi M., Saikrithika S., Dinesh B., Shafeeq S., Ganesh V.	Localized formation of highly surface-active gold nanoparticle on intrinsic Nickel containing carbon black and its scanning electrochemical microscopy interrogation and electrocatalytic oxidation of hydrazine	Electrochimica Acta	443				7.336	10.1016/j.electacta.2023.141937
235	Sasikumar A., Vairavasundaram S., Kotecha K., Indragandhi V., Ravi L., Selvachandran G., Abraham A.	Blockchain-based trust mechanism for digital twin empowered Industrial Internet of Things	Future Generation Computer Systems	141		16	27	7.307	10.1016/j.future.2022.11.002
236	Huynh-The T., Gadekallu T.R., Wang W., Yenduri G., Ranaweera P., Pham Q.-V., da Costa D.B., Liyanage M.	Blockchain for the metaverse: A Review	Future Generation Computer Systems	143		401	419	7.307	10.1016/j.future.2023.02.008
237	Gopal B., Biswal S., K.P N.	Solar reflective brick brown stable iron doped magnesium aluminate: Combustion synthesis, structure and chromatic properties	Solar Energy Materials and Solar Cells	258				7.305	10.1016/j.solmat.2023.112400

238	Boominathan T., Sivaramakrishna A.	Room temperature catalytic synthesis of biaryl and benzimidazole derivatives – Triggered by nano-sized Pd-loaded-modified chitosan polyurethane foams	Journal of Catalysis	426		6	20	7.3	10.1016/j.jcat.2023.06.041
239	Brahadeeswaran S., Dasgupta T., Manickam V., Saraswathi V., Tamizhselvi R.	NLRP3: a new therapeutic target in alcoholic liver disease	Frontiers in Immunology	14				7.3	10.3389/fimmu.2023.1215333
240	Priya D.S., Kennedy L.J., Anand G.T.	Emerging trends in biomass-derived porous carbon materials for energy storage application: A critical review	Materials Today Sustainability	21				7.244	10.1016/j.mtsust.2023.100320
241	Jagadeesan D., Deivasigamani P.	Facile fabrication of novel In ₂ S ₃ –BiOCl nanocomposite-supported porous polymer monolith as new generation visible-light-responsive photocatalyst for decontaminating persistent toxic pollutants	Materials Today Sustainability	23				7.244	10.1016/j.mtsust.2023.100428
242	Shaik S., Roy A., Arici M., Kontoleon K.J., Afzal A., Li D.	Air-conditioning cost savings, CO ₂ emission benefits and return on investment by using waste in porotherm bricks in hot-arid and warm-temperate climates	Energy and Buildings	286				7.201	10.1016/j.enbuild.2023.112955

243	Tamilselvan R., Selwynraj A.I.	Model development for biogas generation, purification and hydrogen production via steam methane reforming	International Journal of Hydrogen Energy					7.2	10.1016/j.ijhydene.2 023.08.096
244	Barathy T R., Yadav P.V.K., Mondal A., Ajitha B., Jarugala J., Kumar Reddy Y.A.	High porosity and oxygen vacancy enriched WO ₃ -x thin films for room temperature hydrogen gas sensors	International Journal of Hydrogen Energy					7.2	10.1016/j.ijhydene.2 023.07.218
245	Venkatesh S N., V S., Thangavel V., Balaji P A., Vijayaragavan M., Subramanian B., Josephin JS F., Varuvel E.G.	Efficacy of machine learning algorithms in estimating emissions in a dual fuel compression ignition engine operating on hydrogen and diesel	International Journal of Hydrogen Energy					7.2	10.1016/j.ijhydene.2 023.03.477
246	Prakash R., Kamatchi R.	Design, fabrication and investigations of natural convection step serrated fin plate integrated trough array low-cost collector for solar air heating: An application to agricultural crop drying	Solar Energy	254		42	53	7.188	10.1016/j.solener.20 23.02.061
247	Lingayat A., Das P., Gilago M.C., Chandramohan V.P.	A detailed assessment of paraffin waxed thermal energy storage medium for solar dryers	Solar Energy	261		14	27	7.188	10.1016/j.solener.20 23.05.047

248	Suresh D., Porpatham E.	Influence of high compression ratio and hydrogen addition on the performance and emissions of a lean burn spark ignition engine fueled by ethanol-gasoline	International Journal of Hydrogen Energy					7.139	10.1016/j.ijhydene.2022.12.275
249	Chandrasekaran S., Arumugam E., Ramasamy S., Karuppiah C., Bhaskaran S., Yang C.-C., Nallapandi D., Palanisamy K.	Exploring the new electrocatalyst based on pyrochlore manganese phosphate/graphene composite for hydrogen evolution and oxygen evolution reaction: An experimental and computational study	International Journal of Hydrogen Energy					7.139	10.1016/j.ijhydene.2022.11.342
250	Sathishkumar S., Ibrahim M.M.	Synthesized evaluation of various injection regimens on hydrogen propelled homogeneous charge compression ignition and dual fuel modes for an automotive application	International Journal of Hydrogen Energy					7.139	10.1016/j.ijhydene.2023.03.466
251	Karthikeyan B., Velvizhi G.	A state-of-the-art on the application of nanotechnology for enhanced biohydrogen production	International Journal of Hydrogen Energy					7.139	10.1016/j.ijhydene.2023.04.237
252	Narayanan R D., N V., Rajkumar S., Thangaraja J., M S., Devarajan Y., Geo Varuvel E.	Techno-economic review assessment of hydrogen utilization in processing the natural gas and biofuels	International Journal of Hydrogen Energy	48	55	21294	21312	7.139	10.1016/j.ijhydene.2022.09.101

253	Deebika P., Saravanakumar M.P.	Utilization of RO rejects and waste aluminum scraps for hydrogen generation	International Journal of Hydrogen Energy					7.139	10.1016/j.ijhydene.2023.06.015
254	G A., Priyadarshini R., Titus A., Sahoo S., Muppala C., Ramkumar G., Anh Pham Q., Rubavathy S.J., Rajasimman M., Hojjati-Najafabadi A.	Deep learning for the encounter of inorganic nanomaterial for efficient photochemical hydrogen production	International Journal of Hydrogen Energy					7.139	10.1016/j.ijhydene.2023.05.171
255	Benjamin M., Manoj D., Theyagarajan K., Thenmozhi K., Saravanakumar D., Senthilkumar S.	Highly efficient electrocatalytic hydrogen generation in neutral water by a nanostructured cobalt catalyst derived in-situ from ionic liquid tagged cobalt terpyridine	International Journal of Hydrogen Energy					7.139	10.1016/j.ijhydene.2023.04.345
256	Mukherjee A.G., Valsala Gopalakrishnan A.	The interplay of arsenic, silymarin, and NF-κB pathway in male reproductive toxicity: A review	Ecotoxicology and Environmental Safety	252				7.129	10.1016/j.ecoenv.2023.114614
257	K V.K.E., K S., Kandasamy J., Venkat V., Mani R.S.	Barriers to the adoption of digital technologies in a functional circular economy network	Operations Management Research					7.032	10.1007/s12063-023-00375-y

258	Pankaj, Kumar A., Ashdhir A., Komaragiri R., Kumar M.	Analysis of photoplethysmogram signal to estimate heart rate during physical activity using fractional fourier transform – A sampling frequency independent and reference signal-less method	Computer Methods and Programs in Biomedicine	229				7.027	10.1016/j.cmpb.2022.107294
259	Rupa C., Harshitha M., Srivastava G., Gadekallu T.R., Maddikunta P.K.R.	Securing Multimedia Using a Deep Learning Based Chaotic Logistic Map	IEEE Journal of Biomedical and Health Informatics	27	3	1154	1162	7.021	10.1109/JBHI.2022.3178629
260	Hossain S., Chakrabarty A., Gadekallu T.R., Alazab M., Piran M.J.	Vision Transformers, Ensemble Model, and Transfer Learning Leveraging Explainable AI for Brain Tumor Detection and Classification	IEEE Journal of Biomedical and Health Informatics			1	14	7.021	10.1109/JBHI.2023.3266614
261	Nandy S., Hazra A., Adhikari M., Puthal D.	Nanorobot-Based Intelligent Symptoms Analysis and Recommendation Framework in Edge Networks	IEEE Journal of Biomedical and Health Informatics			1	8	7.021	10.1109/JBHI.2023.3278991
262	Anjali R., Shanthakumar S.	Synergistic effects on the degradation of a mixture of pharmaceutical pollutants in aqueous solution, raw sewage, and hospital wastewater using UV light-assisted Fenton process	Journal of Water Process Engineering	54				7	10.1016/j.jwpe.2023.104025

263	M P., A D.M.G., S M.I., Sheremet M.	Numerical and sensitivity study on the heat transfer due to bioconvection on unsteady radiative MHD blood flow over a permeable artery with chemical reaction effects	International Communications in Heat and Mass Transfer	147				7	10.1016/j.icheatmasstransfer.2023.106981
264	Mohinder Singh B., Natarajan J.	A novel secure authentication protocol for eHealth records in cloud with a new key generation method and minimized key exchange	Journal of King Saud University - Computer and Information Sciences	35	7			6.9	10.1016/j.jksuci.2023.101629
265	Ni L., Davydova E.S., Singh R.K., Kolik-Shmuel L., Dekel D.R., Kramm U.I.	Role of Fe in the hydrogen oxidation reaction in a NiFe-based catalyst: An in situ Mössbauer spectroscopic investigation	JPhys Energy	5	3			6.9	10.1088/2515-7655/acd661
266	Mali S.D., Agilandeewari L.	Non-redundant shift-invariant complex wavelet transform and fractional gorilla troops optimization-based deep convolutional neural network for video watermarking	Journal of King Saud University - Computer and Information Sciences	35	8			6.9	10.1016/j.jksuci.2023.101688
267	Mariadoss S., Augustin F.	Enhanced sugeno fuzzy inference system with fuzzy AHP and coefficient of variation to diagnose cardiovascular disease during pregnancy	Journal of King Saud University - Computer and Information Sciences	35	8			6.9	10.1016/j.jksuci.2023.101659

268	Manivannan P., Agarwal N., Pradhan R., Anand Muthu B., Kamruzzaman M.M., Victor A., Mervin R.	Doctor unpredicted prescription handwriting prediction using triboelectric smart recognition	Production Planning and Control					6.846	10.1080/09537287.2 023.2202173
269	Sivaparthipan C.B., Anand M., Agarwal N., Dhingra M., Raja L., Victor A., Nirmal Doss S.A.A.	IoT-based patient stretcher movement simulation in smart hospital using type-2 fuzzy sets systems	Production Planning and Control					6.846	10.1080/09537287.2 023.2217419
270	Elumalai R., Ravi K.	A hybrid calibration scheme for developing hydrogen enrichment ratio control map using RSM and ANN technique to enhance the characteristics of an ammonia biodiesel RCCI combustion engine	Case Studies in Thermal Engineering	49				6.8	10.1016/j.csite.2023. 103257
271	Hrishikesh Jaware T., Ramesh Patil V., Nayak C., Elmasri A., Ali N., Mishra P.	A novel approach for brain tissue segmentation and classification in infants' MRI images based on seeded region growing, foster corner detection theory, and sparse autoencoder	Alexandria Engineering Journal	76		289	305	6.8	10.1016/j.aej.2023.0 6.040
272	Said Z., Rahman S.M.A., Sohail M.A., B S B.	Analysis of thermophysical properties and performance of nanorefrigerants and nanolubricant-refrigerant mixtures in refrigeration systems	Case Studies in Thermal Engineering	49				6.8	10.1016/j.csite.2023. 103274

273	Kaveripakam S., Chinthaginjala R.	Energy balanced reliable and effective clustering for underwater wireless sensor networks	Alexandria Engineering Journal	77		41	62	6.8	10.1016/j.aej.2023.06.083
274	Chandran V., Mohapatra P.	Enhanced opposition-based grey wolf optimizer for global optimization and engineering design problems	Alexandria Engineering Journal	76		429	467	6.8	10.1016/j.aej.2023.06.048
275	Rakesh C., Vivek T., Balaji K.	Experimental investigation on cooling surface heat transfer behavior of a thermally activated building system in warm and humid zones	Case Studies in Thermal Engineering	49				6.8	10.1016/j.csite.2023.103254
276	B.S B., Gundabattini E.	Investigation on transport properties, heat transfer characteristics and pressure drop of CuO enhanced R1234yf based refrigerant	Case Studies in Thermal Engineering	49				6.8	10.1016/j.csite.2023.103229
277	Basith S.A., Chandrasekhar A.	Synergistic Effect of Dual Surface Modified Ecoflex Polymer for Dynamic Triboelectric Nanogenerator Towards Sustainable Battery-Free Tally Counter	Advanced Materials Technologies					6.8	10.1002/admt.202300495
278	Hussain F., Shaik S., Khan S.A., Van Huynh V., Jilte R.D., Sundara V., Asif M., Linul E.	Transient solidification and melting numerical simulation of lauric acid PCM filled stepped solar still basin used in water desalination process	Case Studies in Thermal Engineering	49				6.8	10.1016/j.csite.2023.103370

279	Kumar R R., Karthik K., Elumalai P.V., Alshahrani S., Ağbulut Ü., Saleel C.A., Shaik S., Khan S.A.	Investigation of nano composite heat exchanger annular pipeline flow using CFD analysis for crude oil and water characteristics	Case Studies in Thermal Engineering	49				6.8	10.1016/j.csite.2023.103297
280	Mukherjee A.G., Wanjari U.R., Gopalakrishnan A.V., Bradu P., Sukumar A., Patil M., Renu K., Dey A., Vellingiri B., George A., Ganesan R.	Implications of cancer stem cells in diabetes and pancreatic cancer	Life Sciences	312				6.780	10.1016/j.lfs.2022.121211
281	Firoz A., Ravanan P., Saha P., Prashar T., Talwar P.	Genome-wide screening and identification of potential kinases involved in endoplasmic reticulum stress responses	Life Sciences	317				6.780	10.1016/j.lfs.2023.121452
282	Das S., Gnanasambandan R.	Intestinal microbiome diversity of diabetic and non-diabetic kidney disease: Current status and future perspective	Life Sciences	316				6.78	10.1016/j.lfs.2023.121414
283	Navaneetha Pandiyaraj K., Vasu D., Raji A., Ghobeira R., Saadat Esbah Tabaei P., De Geyter N., Morent R., Ramkumar M.C., Pichumani M., Deshmukh R.R.	Combined effects of direct plasma exposure and pre-plasma functionalized metal-doped graphene oxide nanoparticles on wastewater dye degradation	Journal of Industrial and Engineering Chemistry	122		185	199	6.76	10.1016/j.jiec.2023.02.020

284	Marimuthu S., Shriswaroop S., Muthumareeswaran M., Pandiaraj S., Alodhayb A.N., Alrebdi T.A., Nirmala Grace A.	Drift diffusion modelling of cell parameters effect on the performance of perovskite solar cells with MXene as additives	Solar Energy	262				6.7	10.1016/j.solener.20 23.111804
285	Gautam S.P., Barwar M.K., Sahu L.K., Agrawal N., Kumar M.R., Muttaqi K.	A Novel Single Capacitor- Based T-Type Bidirectional Converter with Buck-Boost Capabilities	IEEE Transactions on Power Electronics			1	10	6.7	10.1109/TPEL.2023. 3307613
286	Manivasagam R., Al- khaykan A., Sudhakaran G., Sujatha M.	Hybrid wind-PV farm with STATCOM for damping & control of overall chaotic oscillations in two-area power system using hybrid technique	Solar Energy	262				6.7	10.1016/j.solener.20 23.111886
287	R D.K., A R.	Revolutionizing Intelligent Transportation Systems with Cellular Vehicle-to-Everything (C-V2X) technology: Current trends, use cases, emerging technologies, standardization bodies, industry analytics and future directions	Vehicular Communications	43				6.7	10.1016/j.vehcom.2 023.100638
288	Balasundaram A., C G.P.D.	In silico analysis revealed the potential circRNA-miRNA- mRNA regulative network of non-small cell lung cancer (NSCLC)	Computers in Biology and Medicine	152				6.698	10.1016/j.compbiom ed.2022.106315

289	Kumari N., Acharjya D.P.	A hybrid rough set shuffled frog leaping knowledge inference system for diagnosis of lung cancer disease	Computers in Biology and Medicine	155				6.698	10.1016/j.compbio med.2023.106662
290	Varghese R., Efferth T., Ramamoorthy S.	Carotenoids for lung cancer chemoprevention and chemotherapy: Promises and controversies	Phytomedicine	116				6.656	10.1016/j.phymed.2023.154850
291	Mishra A.B., Thamankar R.	Artificial synapse based on carbon quantum dots dispersed in indigo molecular layer for neuromorphic applications	APL Materials	11	4			6.635	10.1063/5.0143219
292	Kumar S.M., Munusamy S., Jothi D., Enbanathan S., Iyer Iyer S.K.	Rationally constructed imidazole derivatized Schiff-base based fluorescent sensor for reversible identification of copper ions and its applications in fingerprint imaging	Journal of Molecular Liquids	373				6.633	10.1016/j.molliq.2023.121235
293	Athulya P.A., Chandrasekaran N.	Interactions of natural colloids with microplastics in aquatic environment and its impact on FTIR characterization of polyethylene and polystyrene microplastics	Journal of Molecular Liquids	369				6.633	10.1016/j.molliq.2022.120950

294	Gnanasekaran A., Rengasamy M., Eswaramoorthy N., Rajaram K.	Thermophysical properties and contact angle of ethylene glycol/2D graphitic carbon nitride nanofluids with different metal substrates for solar applications	Journal of Molecular Liquids	369				6.633	10.1016/j.molliq.2022.120838
295	Sangeetha T., Sahana R., Mounica P., Elangovan A., Shanmugam R., Arivazhagan G.	H – Bond interactions in water multimers and water multimers – Pyridine complexes: Natural bond orbital and reduced density gradient isosurface analyses	Journal of Molecular Liquids	377				6.633	10.1016/j.molliq.2023.121524
296	Kumar S.M., Munusamy S., Manickam S., Jothi D., Enbanathan S., Iyer S.K.	A novel imidazole bearing bithiophene benzothiazole as a ratiometric fluorescent sensor for the selective discrimination of Al ³⁺ ions: Application to environmental water, pharmaceutical samples, and fluorescence live cell imaging	Journal of Molecular Liquids	381				6.633	10.1016/j.molliq.2023.121828
297	Razi K., Muneer S.	Grafting enhances drought tolerance by regulating and mobilizing proteome, transcriptome and molecular physiology in okra genotypes	Frontiers in Plant Science	14				6.627	10.3389/fpls.2023.1178935

298	Johnson M., Vijayakumar V., Nisar K.S., Shukla A., Botmart T., Ganesh V.	Results on the approximate controllability of Atangana- Baleanu fractional stochastic delay integrodifferential systems	Alexandria Engineering Journal	62		211	222	6.626	10.1016/j.aej.2022.0 6.038
299	Devi Thangavel K., Seerengasamy U., Palaniappan S., Sekar R.	Prediction of factors for Controlling of Green House Farming with Fuzzy based multiclass Support Vector Machine	Alexandria Engineering Journal	62		279	289	6.626	10.1016/j.aej.2022.0 7.016
300	Singh A.K., Mittal S., Das M., Saharia A., Tiwari M.	Optical biosensors: a decade in review	Alexandria Engineering Journal	67		673	691	6.626	10.1016/j.aej.2022.1 2.040
301	Kavitha K., Vijayakumar V., Nisar K.S.	On the approximate controllability of non-densely defined Sobolev-type nonlocal Hilfer fractional neutral Volterra-Fredholm delay integro-differential system	Alexandria Engineering Journal	69		57	65	6.626	10.1016/j.aej.2023.0 1.051
302	Kumar R., Nadda R., Kumar S., Saboor S., Ahamed Saleel C., Abbas M., Afzal A., Linul E.	Convective heat transfer enhancement using impingement jets in channels and tubes: A comprehensive review	Alexandria Engineering Journal	70		349	376	6.626	10.1016/j.aej.2023.0 2.013
303	Raut S., Saha S., Das A.N., Talukder P.	Complete discrimination System method for finding exact solutions, dynamical properties of combined Zakharsov-Kuznetsov- modified Zakarsov-Kuznetsov equation	Alexandria Engineering Journal	76		247	257	6.626	10.1016/j.aej.2023.0 6.020

304	Thirunavukkarasu M., Lala H., Sawle Y.	Reliability index based optimal sizing and statistical performance analysis of stand-alone hybrid renewable energy system using metaheuristic algorithms	Alexandria Engineering Journal	74		387	413	6.626	10.1016/j.aej.2023.04.070
305	Banerjee M., Devi Rajeswari V.	Inhibition of WNT signaling by conjugated microRNA nano-carriers: A new therapeutic approach for treating triple-negative breast cancer a perspective review	Critical Reviews in Oncology/Hematology	182				6.625	10.1016/j.critrevonc.2022.103901
306	S A.K., Prathiba S.B., Moorthy R.S., Srivastava G., Gadekallu T.R.	Software Defined Networking Assisted Electric Vehicle Charging: Towards Smart Charge Scheduling and Management	IEEE Transactions on Network Science and Engineering			1	11	6.6	10.1109/TNSE.2023.3293053
307	Sharma C., Vanishree P., Rani B., Lohia N., Swati G., Srivastava R., Sharma S.N.	Electrochemical properties of two-dimensional hexagonal boron nitride nanosheets prepared by hydrothermal method	Electrochimica Acta	463				6.6	10.1016/j.electacta.2023.142848
308	Melarkode N., Srinivasan K., Qaisar S.M., Plawiak P.	AI-Powered Diagnosis of Skin Cancer: A Contemporary Review, Open Challenges and Future Research Directions	Cancers	15	4			6.575	10.3390/cancers15041183

309	Enbanathan S., Munusamy S., Ponnas S., Jothi D., Manoj Kumar S., Sathiyarayanan K.I.	AIE active luminous dye with a triphenylamine attached benzothiazole core as a portable polymer film for sensitively detecting CN- ions in food samples	Talanta	264				6.556	10.1016/j.talanta.20 23.124726
310	Vuppaladadiyam A.K., Varsha Vuppaladadiyam S.S., Sikarwar V.S., Ahmad E., Pant K.K., S M., Pandey A., Bhattacharya S., Sarmah A., Leu S.-Y.	A critical review on biomass pyrolysis: Reaction mechanisms, process modeling and potential challenges	Journal of the Energy Institute	108				6.47	10.1016/j.joei.2023. 101236
311	Jiang Y., Liu G., Ekambaram P., Yan X.	Lab-scale electrostatic droplet collection from a fog plume with droplet evaporation	Applied Thermal Engineering	223				6.465	10.1016/j.appltherm aleng.2023.120044
312	Vijay S., Guhan T., Srinivasan K., Vincent P.M.D.R., Chang C.-Y.	MRI brain tumor segmentation using residual Spatial Pyramid Pooling- powered 3D U-Net	Frontiers in Public Health	11				6.461	10.3389/fpubh.2023 .1091850
313	Rajinikanth V., Vincent P.M.D.R., Srinivasan K., Ananth Prabhu G., Chang C.-Y.	A framework to distinguish healthy/cancer renal CT images using the fused deep features	Frontiers in Public Health	11				6.461	10.3389/fpubh.2023 .1109236
314	Andrew J., Eunice R.J., Karthikeyan J.	An anonymization-based privacy-preserving data collection protocol for digital health data	Frontiers in Public Health	11				6.461	10.3389/fpubh.2023 .1125011

315	M.P.G K., Annamalai A.R., Mohanty C.P., Chauhan A.S.	Small hole fabrication through additively manufactured CuCr1Zr electrode during EDM of a novel Haynes 25 superalloy	Journal of Materials Research and Technology	25		1981	2000	6.4	10.1016/j.jmrt.2023.06.068
316	Said Z., Rahman S.M.A., Sohail M.A., Bahman A.M., Alim M.A., Shaik S., Radwan A.M., El-Sharkawy I.I.	Nano-refrigerants and nano-lubricants in refrigeration: Synthesis, mechanisms, applications, and challenges	Applied Thermal Engineering	233				6.4	10.1016/j.appltherm.2023.121211
317	Ma P., Fang Y., Wei S., Zhang Z., Yang H., Wan S., Prashanth K.G., Jia Y.	Microstructure and mechanical properties of AlCoCrFeMnNi HEAs fabricated by selective laser melting	Journal of Materials Research and Technology	25		7090	7100	6.4	10.1016/j.jmrt.2023.07.124
318	Kashyap G., Singh N.K., Phukon K.S., Caudill S., Jain P.	Dipole anisotropy in gravitational wave source distribution	Journal of Cosmology and Astroparticle Physics	2023	6			6.4	10.1088/1475-7516/2023/06/042
319	Ravaria P., Saxena P., Lakshmi BS S., Ranjan V., Abidi S.W.F., Saha P., Ramamoorthy S., Ahmad F., Rana S.S.	Molecular mechanisms of neuroprotective offerings by rosmarinic acid against neurodegenerative and other CNS pathologies	Phytotherapy Research					6.388	10.1002/ptr.7825
320	Xi L., Feng L., Gu D., Prashanth K.G., Kaban I., Wang R., Xiong K., Sarac B., Eckert J.	Microstructure formation and mechanical performance of micro-nanoscale ceramic reinforced aluminum matrix composites manufactured by laser powder bed fusion	Journal of Alloys and Compounds	939				6.371	10.1016/j.jallcom.2023.168803

321	Maurya H.S., Vikram R.J., Kosiba K., Juhani K., Sergejev F., Suwas S., Prashanth K.G.	Additive manufacturing of CMCs with bimodal microstructure	Journal of Alloys and Compounds	938				6.371	10.1016/j.jallcom.2022.168416
322	Vikram R.J., Gokulnath S.A., Prashanth K.G., Suwas S.	Effect of scanning strategy on microstructure and texture evolution in a selective laser melted Al-33Cu eutectic alloy	Journal of Alloys and Compounds	936				6.371	10.1016/j.jallcom.2022.168098
323	Kumari A., Kumar A., Dawn R., Roy J., Jena S., Vinjamuri R., Panda D., Sahoo S.K., Verma V.K., Mahapatra S., Rahaman A., Ahlawat A., Gupta M., Kumar K., Kandasami A., Singh V.R.	Effect of annealing temperature on the structural, electronic and magnetic properties of Co doped TiO ₂ nanoparticles: An investigation by synchrotron-based experimental techniques	Journal of Alloys and Compounds	933				6.371	10.1016/j.jallcom.2022.167739
324	Zhang Z., Ma P., Fang Y., Yang Z., Zhang N., Prashanth K.G., Jia Y.	Effect of NiCoFeAlTi high entropy intermetallic reinforcement particle size on the microstructure and mechanical properties of CoCrFeMnNi high-entropy alloy composites fabricated by selective laser melting	Journal of Alloys and Compounds	947				6.371	10.1016/j.jallcom.2023.169417
325	Archana R., Kavita S., Ramakrishna V.V., Kumar V.S., Bhatt P., Yusuf S.M., Gopalan R.	Successive, overlapping transitions and magnetocaloric effect in Te doped Ni-Mn-Sn Heusler alloys	Journal of Alloys and Compounds	947				6.371	10.1016/j.jallcom.2023.169434

326	Aishwarya K., Navamathavan R.	Effect of grain size and orthorhombic phase of La doped BiFeO ₃ on thermoelectric properties	Journal of Alloys and Compounds	947				6.371	10.1016/j.jallcom.2023.169452
327	Sukumar M., Rajabathar J.R., AL- Lohedan H., Suresh S., Dash C.S., Sundararajan M., Subudhi P.S., Arokiyaraj S., Yanmaz E., Yuvaraj S., Isaac R.S.R.	Synthesize and characterization of copper doped nickel ferrite nanoparticles effect on magnetic properties and visible light catalysis for rhodamine dye degradation mechanism	Journal of Alloys and Compounds	953				6.371	10.1016/j.jallcom.2023.169902
328	Sivakumar P., Kulandaivel L., Park J., Raj C.J., Manikandan R., Jung H.	MOF-derived flower-like ZnCo ₂ O ₄ /ZnO nanoarchitecture as a high-performance battery-type redox-active electrode material for hybrid supercapacitor applications	Journal of Alloys and Compounds	952				6.371	10.1016/j.jallcom.2023.170042
329	Mahadevan S., Sankar A.R., Singh S., Sharma P.	Enhanced X-band absorption and shielding performance of Gd-substituted barium hexaferrite	Journal of Alloys and Compounds	959				6.371	10.1016/j.jallcom.2023.170456
330	Maurya H.S., Jayaraj J., Wang Z., Juhani K., Sergejev F., Prashanth K.G.	Investigation of the tribological behavior of the additively manufactured TiC-based cermets by scratch testing	Journal of Alloys and Compounds	959				6.371	10.1016/j.jallcom.2023.170496

331	Ravikumar T., Thirumalaisamy L., Madanagurusamy S., Sivaperuman K.	Substrate temperature dependent ammonia gas sensing performance of zinc ferrite thin films prepared by spray pyrolysis technique	Journal of Alloys and Compounds	959				6.371	10.1016/j.jallcom.2023.170568
332	Peng C., Jia Y., Liang J., Xu L., Wang G., Mu Y., Sun K., Ma P., Prashanth K.G.	Electron beam melting of (FeCoNi) ₈₆ Al ₇ Ti ₇ high-entropy alloy	Journal of Alloys and Compounds	960				6.371	10.1016/j.jallcom.2023.170752
333	Patil V.V., Prashanth K.G., Mohanty C.P.	Spark plasma sintering of 13Ni-400 maraging steel: Enhancement of mechanical properties through surface modification	Journal of Alloys and Compounds	960				6.371	10.1016/j.jallcom.2023.170734
334	Maurya H.S., Jayaraj J., Vikram R.J., Juhani K., Sergejev F., Prashanth K.G.	Additive manufacturing of TiC-based cermets: A detailed comparison with spark plasma sintered samples	Journal of Alloys and Compounds	960				6.371	10.1016/j.jallcom.2023.170436
335	Jeevanantham B., Shobana M.K., Pazhanivel T., Choe H.	Pseudocapacitive behaviors of strontium-doped cobalt ferrite nanoparticles for supercapacitor applications	Journal of Alloys and Compounds	960				6.371	10.1016/j.jallcom.2023.170651
336	Muraliraja R., Anthoni Sagaya Selvan R., Selvakumar A., Franco M., Tamilarasan T.R., Sanjith U., Sha W., Sudagar J.	A review of electroless coatings on non-metals: Bath conditions, properties and applications	Journal of Alloys and Compounds	960				6.371	10.1016/j.jallcom.2023.170723

337	Wang W., Huang H., Yin Z., Gadekallu T.R., Alazab M., Su C.	Smart contract token-based privacy-preserving access control system for industrial Internet of Things	Digital Communications and Networks					6.348	10.1016/j.dcan.2022.10.005
338	Chu Y.-M., Jakeer S., Reddy S.R.R., Rupa M.L., Trabelsi Y., Khan M.I., Hejazi H.A., Makhdoum B.M., Eldin S.M.	Double diffusion effect on the bio-convective magnetized flow of tangent hyperbolic liquid by a stretched nano-material with Arrhenius Catalysts	Case Studies in Thermal Engineering	44				6.268	10.1016/j.csite.2023.102838
339	Sathish T., Suresh P., Sharma K., Saravanan R., Saleel C.A., Shaik S., Khan S.A., Panchal H.	Zero emission /energy building heating through parabolic dish collector focused KNO ₃ -NaNO ₃ and KNO ₃ -NaNO ₃ -NaNO ₂ PCM absorber: A case study	Case Studies in Thermal Engineering	44				6.268	10.1016/j.csite.2023.102854
340	Gopinath M., Marimuthu R.	PV-TEG output: Comparison with heat sink and graphite sheet as heat dissipators	Case Studies in Thermal Engineering	45				6.268	10.1016/j.csite.2023.102935
341	Singupuram R., Alam T., Ali M.A., Shaik S., Gupta N.K., Akkurt N., Kumar M., Eldin S.M., Dobrotă D.	Numerical analysis of heat transfer and fluid flow in microchannel heat sinks for thermal management	Case Studies in Thermal Engineering	45				6.268	10.1016/j.csite.2023.102964
342	Masthanaiah Y., Tarakaramu N., Khan M.I., RushiKesava A., Ben Moussa S., Fadhl B.M., Abdullaev S.S., Eldin S.M.	Impact of viscous dissipation and entropy generation on cold liquid via channel with porous medium by analytical analysis	Case Studies in Thermal Engineering	47				6.268	10.1016/j.csite.2023.103059

343	Zhu C.-Z., Samuel O.D., Elboughdiri N., Abbas M., Saleel C.A., Ganesan N., Enweremadu C.C., Fayaz H.	Artificial neural networks vs. gene expression programming for predicting emission & engine efficiency of SI operated on blends of gasoline-methanol-hydrogen fuel	Case Studies in Thermal Engineering	49				6.268	10.1016/j.csite.2023.103109
344	Shaik S., Vigneshwaran P., Roy A., Kontoleon K.J., Mazzeo D., Cuce E., Saleel C.A., Alwetaishi M., Khan S.A., Gürel A.E., Ağbulut Ü.	Experimental analysis on the impacts of soil deposition and bird droppings on the thermal performance of photovoltaic panels	Case Studies in Thermal Engineering	48				6.268	10.1016/j.csite.2023.103128
345	Ramachandran K., Gnanasagaran C.L., Pazhani A., Kumar V.H., Xavier M.A., Subramani R.R., Arunkumar T.	Impact behaviour of MWCNTs reinforced YSZ and Al ₂ O ₃ ceramic-nanocomposites prepared via vacuum hot-pressing technique	Journal of Materials Research and Technology	24		6595	6603	6.267	10.1016/j.jmrt.2023.04.199
346	dua S., Khatri H., Naveen J., Jawaid M., Jayakrishna K., Norraahim M.N.F., Rashedi A.	Potential of natural fiber based polymeric composites for cleaner automotive component production -a comprehensive review	Journal of Materials Research and Technology	25		1086	1104	6.267	10.1016/j.jmrt.2023.06.019
347	Lal Lazar P.J., Subramanian J., Natarajan E., Markandan K., Ramesh S.	Anisotropic structure-property relations of FDM printed short glass fiber reinforced polyamide TPMS structures under quasi-static compression	Journal of Materials Research and Technology	24		9562	9579	6.267	10.1016/j.jmrt.2023.05.167

348	Kafy A.-A., Saha M., Fattah M.A., Rahman M.T., Duti B.M., Rahaman Z.A., Bakshi A., Kalaivani S., Nafiz Rahaman S., Sattar G.S.	Integrating forest cover change and carbon storage dynamics: Leveraging Google Earth Engine and InVEST model to inform conservation in hilly regions	Ecological Indicators	152				6.263	10.1016/j.ecolind.2023.110374
349	Erattamparambil K., Mohan L., Gnanasundaram N., Krishnamoorthy R.	Insights into adsorption theory of phenol removal using a circulating fluidized bed system	Arabian Journal of Chemistry	16	6			6.212	10.1016/j.arabjc.2023.104750
350	Rajesh R U., Dhanaraj S.	A critical review on quercetin bioflavonoid and its derivatives: Scope, synthesis, and biological applications with future prospects	Arabian Journal of Chemistry	16	8			6.212	10.1016/j.arabjc.2023.104881
351	Florance I., Ramasubbu S.	Current Understanding on the Role of Lipids in Macrophages and Associated Diseases	International Journal of Molecular Sciences	24	1			6.208	10.3390/ijms24010589
352	Shyam R., Reddy L.V.K., Palaniappan A.	Fabrication and Characterization Techniques of In Vitro 3D Tissue Models	International Journal of Molecular Sciences	24	3			6.208	10.3390/ijms24031912
353	Sarkar C., Das B., Rawat V.S., Wahlang J.B., Nongpiur A., Tiewsoh I., Lyngdoh N.M., Das D., Bidarolli M., Sony H.T.	Artificial Intelligence and Machine Learning Technology Driven Modern Drug Discovery and Development	International Journal of Molecular Sciences	24	3			6.208	10.3390/ijms24032026

354	Madhyastha H., Madhyastha R., Chakraborty E., Banerjee K., Shah K., Nakajima Y., Chauhan N.S., Sudhakaran S.L., Ohe K., Muthukaliannan G.K., Gopalakrishnan A.V., Maruyama M., Watanabe N.	Fluro-Protein C-Phycocyanin Docked Silver Nanocomposite Accelerates Cell Migration through NFκB Signaling Pathway	International Journal of Molecular Sciences	24	4			6.208	10.3390/ijms240431 84
355	Weiss S., Waidha K., Rajendran S., Benharroch D., Khalilia J., Levy H., Bar-David E., Golan-Goldhirsh A., Gopas J., Ben-Shmuel A.	In Vitro and In Vivo Therapeutic Potential of 6,6'- Dihydroxythiobinupharidine (DTBN) from Nuphar lutea on Cells and K18-hACE2 Mice Infected with SARS-CoV-2	International Journal of Molecular Sciences	24	9			6.208	10.3390/ijms240983 27
356	Abdalla J.A., Hawileh R.A., Bahurudeen A., Jyothsna G., Sofi A., Shanmugam V., Thomas B.S.	A comprehensive review on the use of natural fibers in cement/geopolymer concrete: A step towards sustainability	Case Studies in Construction Materials	19				6.2	10.1016/j.cscm.2023 .e02244
357	Sivakumar P., Kulandaivel L., Park J., Raj C.J., Savariraj A.D., Manikandan R., Rajendran R., Jung H.	Binary mixed metal oxide sphere-like structures for hybrid supercapacitor electrode with improved electrochemical properties	Surfaces and Interfaces	40				6.2	10.1016/j.surfin.202 3.103115

358	Shukla R., Sokkalingam R., Prashanth K.G.	Densification of the eggshell powder by spark plasma sintering	Journal of Alloys and Compounds	962				6.2	10.1016/j.jallcom.2023.171079
359	Singh S., Palani I.A., Dehgahi S., Qureshi A.J., Jinoop A.N., Paul C.P., Prashanth K.G.	Development of Cu-based shape memory alloy through selective laser melting from elemental powder mixture: Processing and characterization	Journal of Alloys and Compounds	961				6.2	10.1016/j.jallcom.2023.171029
360	Sivakumar P., Kulandaivel L., Park J., Raj C.J., Savariraj A.D., Manikandan R., Rajendran R., Jung H.	Electroactive site enriched battery-type worm-like cobalt tungstate nanoarchitecture electrode material for performance-enhanced hybrid supercapacitor	Surfaces and Interfaces	40				6.2	10.1016/j.surfin.2023.103111
361	Raja N., Yadav S., Kumar A., Gautam G.	Hot working and microstructural response of ultrasonically fabricated 2 wt%ZrB ₂ /AA7068 composite	Journal of Alloys and Compounds	965				6.2	10.1016/j.jallcom.2023.171412
362	Vivek S.S., Karthikeyan B., Bahrami A., Selvaraj S.K., Rajasakthivel R., Azab M.	Impact and durability properties of alccofine-based hybrid fibre-reinforced self-compacting concrete	Case Studies in Construction Materials	19				6.2	10.1016/j.cscm.2023.e02275
363	Karthikeyan K., Kothandaraman S., Sarang G.	Perspectives on the utilization of reclaimed asphalt pavement in concrete pavement construction: A critical review	Case Studies in Construction Materials	19				6.2	10.1016/j.cscm.2023.e02242

364	Sivakumar P., Kulandaivel L., Park J., Raj C.J., Savariraj A.D., Manikandan R., Rajendran R., Jung H.	Revealing efficient battery- type redox reaction in MOF- derived porous sponge-like Co ₃ O ₄ nanoarchitecture electrode material toward next-generation energy storage device	Surfaces and Interfaces	40				6.2	10.1016/j.surfin.202 3.103110
365	Manohar A., Vijayakanth V., Vinodhini V., Chintagumpala K., Manivasagan P., Jang E.-S., Kim K.H.	Zinc- doped nickel ferrite nanoparticles for ESR, hyperthermia and their cytotoxicity in mouse muscle fibroblast (BLO-11) and human breast cancer (MDA- MB-231) cell lines	Journal of Alloys and Compounds	960				6.2	10.1016/j.jallcom.20 23.170780
366	Maruthasalamoorthy S., Aishwarya K., Thenmozhi R., Nirmala R., Nagarajan C., Navamathavan R.	Superior cyclic stability and electrochemical performance of La supported Bi ₂ S ₃ @g- C ₃ N ₄ //rGO heterostructure composite for asymmetric supercapacitor devices	Journal of Alloys and Compounds	967				6.2	10.1016/j.jallcom.20 23.171696
367	Singh S., Palani I.A., Dehgahi S., Paul C.P., Prashanth K.G., Qureshi A.J.	Influence of the interlayer temperature on structure and properties of CMT wire arc additive manufactured NiTi structures	Journal of Alloys and Compounds	966				6.2	10.1016/j.jallcom.20 23.171447
368	Zhang X., Yang D., Jia Y., Wang G., Prashanth K.G.	Microstructure evolution and tensile property of high entropy alloy particle reinforced 316 L stainless steel matrix composites fabricated by laser powder bed fusion	Journal of Alloys and Compounds	965				6.2	10.1016/j.jallcom.20 23.171430

369	Ramakrishnan K., Reddy Y.A.K., Ajitha B.	Oxygen partial pressure dependent sputtered copper oxide films for visible photodetectors	Surfaces and Interfaces	41				6.2	10.1016/j.surfin.2023.103264
370	Selvaraj K., Palanisamy P., Ramakrishna B., Pamanji R., Selvin J., Srikanth K., Nasiri S., Kment S., Nutalapati V.	Fluoranthene-terminated terpyridine ensemble for fluorescence light up and ratiometric chemical sensor for multi toxic metals	Analytica Chimica Acta	1274				6.2	10.1016/j.aca.2023.341526
371	Mahendran N., Vincent P M D.R.	Deep belief network-based approach for detecting Alzheimer's disease using the multi-omics data	Computational and Structural Biotechnology Journal	21		1651	1660	6.155	10.1016/j.csbj.2023.02.021
372	Rudra S., Das S., Maji P.K., Nayak A.K., Negishi Y., Pradhan M., Nandi U.	Redox-Guided Synthesis of Au-V2O5-MnO2 Nanoflower Composites with Enhanced Electrical Conductance for Supercapacitor Applications	ACS Applied Nano Materials	6	3	1648	1659	6.140	10.1021/acsanm.2c04584
373	Syamsai R., Grace A.N., Babu G.A., Karuppanan K.B., Eswaran S.K., Navaneethan M.	Titanium-Tantalum Double-Ordered MXene Nanosheets as Supercapacitor Electrodes	ACS Applied Nano Materials	6	7	5224	5232	6.14	10.1021/acsanm.2c05081
374	Nine M.J., Chizhova A., Maher S., Tripathy A., Mazinani A., Dadkhah M., Hassan K., Yap P.L., Tung T.T., Losic D.	Ice-fouling on superhydrophobic and slippery surfaces textured by 3D printing: revealing key limiting factors	Surfaces and Interfaces	40				6.137	10.1016/j.surfin.2023.103005

375	Kunjumon J., George M., K A., Gopi S.K., Vinitha G., Sajan D., Philip R.	Tunable photoluminescence emission and third order optical nonlinearity in Sm ₂ /3Cu ₃ Ti ₄ O ₁₂ ceramics for optical limiting applications	Surfaces and Interfaces	39				6.137	10.1016/j.surfin.2023.102965
376	Gopal G., Nirmala M.J., Mukherjee A.	A novel chitosan-coated Fe–Cu CNS loaded with CMC–Alginate composite for adsorptive removal of ciprofloxacin from water	Surfaces and Interfaces	39				6.137	10.1016/j.surfin.2023.102981
377	Mukherjee A.G., Renu K., Gopalakrishnan A.V., Jayaraj R., Dey A., Vellingiri B., Ganesan R.	Epicardial adipose tissue and cardiac lipotoxicity: A review	Life Sciences	328				6.1	10.1016/j.lfs.2023.121913
378	Asveda T., Talwar P., Ravanan P.	Exploring microglia and their phenomenal concatenation of stress responses in neurodegenerative disorders	Life Sciences	328				6.1	10.1016/j.lfs.2023.121920
379	Ulaganathan S., Pitchaimani A.	Spontaneous and familial models of Alzheimer's disease: Challenges and advances in preclinical research	Life sciences	328		121918		6.1	10.1016/j.lfs.2023.121918

380	Pankaj, Kumar A., Komaragiri R., Kumar M.	A novel CS-NET architecture based on the unification of CNN, SVM and super-resolution spectrogram to monitor and classify blood pressure using photoplethysmography	Computer Methods and Programs in Biomedicine	240				6.1	10.1016/j.cmpb.2023.107716
381	Tripathi P.M., Kumar A., Kumar M., Komaragiri R.S.	Automatic seizure detection and classification using super-resolution superlet transform and deep neural network -A preprocessing-less method	Computer Methods and Programs in Biomedicine	240				6.1	10.1016/j.cmpb.2023.107680
382	Akram W., Rihan M., Ahmed S., Arora S., Ahmad S., Vashishth R.	Marine-Derived Compounds Applied in Cardiovascular Diseases: Submerged Medicinal Industry	Marine Drugs	21	3			6.085	10.3390/md21030193
383	Ghosh P., Roy P.	Structure-metal ion selectivity of rhodamine-based chemosensors	Chemical Communications					6.065	10.1039/d3cc00651d
384	V. K A.D., Udduttula A., Jaiswal A.K.	Unveiling the secrets of marine—derived fucoidan for bone tissue engineering—A review	Frontiers in Bioengineering and Biotechnology	10				6.064	10.3389/fbioe.2022.1100164
385	Aparna G.M., Tetala K.K.R.	Recent Progress in Development and Application of DNA, Protein, Peptide, Glycan, Antibody, and Aptamer Microarrays	Biomolecules	13	4			6.064	10.3390/biom13040602

386	Sheng W., Qin H., Wang T., Zhao J., Fang C., Zhang P., Liu P., Udduttula A., Zeng H., Chen Y.	Advanced phosphocreatine-grafted chitosan hydrogel promote wound healing by macrophage modulation	Frontiers in Bioengineering and Biotechnology	11				6.064	10.3389/fbioe.2023.1199939
387	Ganesapillai M., Tiwari A., Mehta R., Sinha A., Sarkar I., Mondal B., Chellappa V., Riar A.	Is the pandemic masking waste management?—A review on fallout of the COVID-19 viral contagion	Green Chemistry Letters and Reviews	16	1			6.016	10.1080/17518253.2022.2164224
388	Krishnan U., Manickam S., Iyer S.K.	BF3 detection by pyrazolo-pyridine based fluorescent probe and applications in bioimaging and paper strip analysis	Journal of Molecular Liquids	385				6	10.1016/j.molliq.2023.122413
389	Benil T., Jasper J.	Blockchain based secure medical data outsourcing with data deduplication in cloud environment	Computer Communications	209		1	13	6	10.1016/j.comcom.2023.06.013
390	Acharya K., Singh A.K., Mukhopadhyay S.	Constructions of broadcast encryption with personalized messages from bilinear map	Computer Communications	209		91	101	6	10.1016/j.comcom.2023.06.023
391	Ghosh H., Maurya P.K., Bagchi S.	Linear complementary pair of codes based lightweight RFID protocol	Computer Communications	208		79	88	6	10.1016/j.comcom.2023.05.022
392	Mathew D., Naidu R.C.	A review on single-phase boost inverter technology for low power grid integrated solar PV applications	Ain Shams Engineering Journal					6	10.1016/j.asej.2023.102365

393	Krishnan M.G., Rajkumar S., Thangaraja J., Devarajan Y.	Exploring the synergistic potential of higher alcohols and biodiesel in blended and dual fuel combustion modes in diesel engines: A comprehensive review	Sustainable Chemistry and Pharmacy	35				6	10.1016/j.scp.2023.101180
394	Hasan M.K., Islam S., Gadekallu T.R., Ismail A.F., Amanlou S., Abdullah S.N.H.S.	Novel EBBDSA based Resource Allocation Technique for Interference Mitigation in 5G Heterogeneous Network	Computer Communications	209		320	330	6	10.1016/j.comcom.2023.07.012
395	Karthik R., Menaka R., Siddharth M.V., Hussain S., Murugan B., Won D.	A deep feature fusion network using residual channel shuffled attention for cassava leaf disease detection	Neural Computing and Applications					6	10.1007/s00521-023-08943-w
396	Asha P., Kalaavathi B., Shantha Kumari K., Malarvizhi K., Kishore Kumar A., Sobitha Ahila S.	Energy-efficient and sustainable communication in optical networks for eliminating path reservation criteria and providing guaranteed packet transmission between nodes	Neural Computing and Applications					6	10.1007/s00521-023-08866-6
397	Saranya J., Saminathan P., Christabel Pravin S., Shaik M.R., Alwarthan A., Khan M., Shaik B.	Qualitative assessment on cisplatin loaded CeO ₂ /Au/GO hybrid as theranostics platform in HeLa cell lines	Arabian Journal of Chemistry	16	9			6	10.1016/j.arabjc.2023.105096
398	Naidu A., Nayak S.S., Lulu S S., Sundararajan V.	Advances in computational frameworks in the fight against TB: The way forward	Frontiers in Pharmacology	14				5.988	10.3389/fphar.2023.1152915

399	Rajamani B.M., Illangeswaran R.S.S., Benjamin E.S.B., Balakrishnan B., Jebanesan D.Z.P., Das S., Pai A.A., Vidhyadharan R.T., Mohan A., Karathedath S., Abraham A., Mathews V., Velayudhan S.R., Balasubramanian P.	Modulating retinoid-X- receptor alpha (RXRA) expression sensitizes chronic myeloid leukemia cells to imatinib in vitro and reduces disease burden in vivo	Frontiers in Pharmacology	14				5.988	10.3389/fphar.2023. 1187066
400	Ramachandra N., Natarajan R.	Productivity Enhancement of Total-Cross-Tied PV Array Under Static Shade Conditions	IEEE Transactions on Power Electronics	38	3	4053	4060	5.967	10.1109/TPEL.2022. 3221914
401	Nandi S., Mansouri A., Dovgaliuk I., Boullay P., Patriarche G., Cornu I., Florian P., Mouchaham G., Serre C.	A robust ultra-microporous cationic aluminum-based metal-organic framework with a flexible tetra-carboxylate linker	Communications Chemistry	6	1			5.9	10.1038/s42004-023- 00938-x
402	Alanazi N., Selvi Gopal T., Muthuramamoorthy M., Alobaidi A.A.E., Alsaigh R.A., Aldosary M.H., Pandiaraj S., Almutairi M., Grace A.N., Alodhayb A.	Cu2O/MXene/rGO Ternary Nanocomposites as Sensing Electrodes for Nonenzymatic Glucose Sensors	ACS Applied Nano Materials					5.9	10.1021/acsanm.3c0 1959

403	Rajesh R., Lingalwar S., Challa P., Balla P., Shanmugavelu B., Sruthi V.P., Kim S., Senthilkumar S., Perupogu V.	Low-Temperature Total Oxidation of Propane Using Silver-Decorated MnO ₂ Nanorods	ACS Applied Nano Materials					5.9	10.1021/acsnm.3c01952
404	Gunasegeran M., P. E.S., Vasudevan M., Ramamoorthy M., Arumugam A.	Investigation of quasi-static indentation on sandwich structure with GFRP face sheets and PLA bio-inspired core: Numerical and experimental study	Thin-Walled Structures	184				5.881	10.1016/j.tws.2022.110501
405	Natarajan L., Annie Jenifer M., Peijnenburg W.J.G.M., Mukherjee A.	Algal extracellular polymeric substances (algal-EPS) for mitigating the combined toxic effects of polystyrene nanoplastics and nano-TiO ₂ in <i>Chlorella</i> sp.	Nanotoxicology					5.881	10.1080/17435390.2023.2179438
406	Ramesh S., Govarthan K., Palaniappan A.	TiO ₂ nanostructures—a double edged sword: current progress on their role in stem cells' differentiation, cancer therapy, and their toxicity issues	Nanotoxicology					5.881	10.1080/17435390.2023.2199858

407	Chatterjee S., Bhattacharya M., Nag S., Dhama K., Chakraborty C.	A Detailed Overview of SARS- CoV-2 Omicron: Its Sub- Variants, Mutations and Pathophysiology, Clinical Characteristics, Immunological Landscape, Immune Escape, and Therapies	Viruses	15	1			5.818	10.3390/v15010167
408	Deebak B.D., Al- Turjman F.	Secure-user sign-in authentication for IoT-based eHealth systems	Complex and Intelligent Systems	9	3	2629	2649	5.8	10.1007/s40747-020- 00231-7
409	VandanaKolisetty V., Rajput D.S.	Integration and classification approach based on probabilistic semantic association for big data	Complex and Intelligent Systems	9	4	3681	3694	5.8	10.1007/s40747-021- 00548-x
410	Nagaraj S., Masilamani U.S.	Hydrogeochemical and multivariate statistical approaches to investigate the characteristics of groundwater quality in fluoride-enriched hard rock region in Tirupathur district of Tamil Nadu, India	Environmental Science and Pollution Research					5.8	10.1007/s11356-023- 29254-6
411	Sengupta D., Das A., Bera U.K., Chen L.	A sustainable green reverse logistics plan for plastic solid waste management using TOPSIS method	Environmental Science and Pollution Research					5.8	10.1007/s11356-023- 29067-7

412	Wani S., Selvaraj T., Faria P., Mehra A., Shukla R.	Study on ancient green materials and technology used in Udaipur palace, India: an input to abate climate changes in modern construction	Environmental Science and Pollution Research					5.8	10.1007/s11356-023-28785-2
413	Katturajan R., Evan Prince S.	Zinc and L-carnitine combination with or without methotrexate prevents intestinal toxicity during arthritis treatment via Nrf2/Sirt1/Foxo3 pathways: an In vivo and molecular docking approach	Inflammopharmacology					5.8	10.1007/s10787-023-01280-3
414	Sri Revathi B.	A survey on advanced machine learning and deep learning techniques assisting in renewable energy generation	Environmental Science and Pollution Research					5.8	10.1007/s11356-023-29064-w
415	Saha G., Chandrasekaran N.	Isolation and characterization of microplastics from skin care products; interactions with albumin proteins and in-vivo toxicity studies on Artemia salina	Environmental Toxicology and Pharmacology	99				5.785	10.1016/j.etap.2023.104112
416	Divya J., Selvendran S.	Surface Plasmon Resonance-Based Gold-Coated Hollow-Core Negative Curvature Optical Fiber Sensor	Biosensors	13	2			5.743	10.3390/bios13020148

417	Gopal G., Roy N., Mukherjee A.	Recent Developments in the Applications of GO/rGO-Based Biosensing Platforms for Pesticide Detection	Biosensors	13	4			5.743	10.3390/bios13040488
418	Srinivas S., Senthil Kumar A.	Surface-Activated Pencil Graphite Electrode for Dopamine Sensor Applications: A Critical Review	Biosensors	13	3			5.743	10.3390/bios13030353
419	Priya R.L., Kariyanna B., Karthi S., Sudhakaran R., Babu S.G., Vidya R.	Facile Synthesis and Characterization of Cupric Oxide Loaded 2D Structure Graphitic Carbon Nitride (g-C ₃ N ₄) Nanocomposite: In Vitro Anti-Bacterial and Fungal Interaction Studies	Journal of Fungi	9	3			5.724	10.3390/jof9030310
420	Pulligilla M.K., Vanmathi C.	An authentication approach in SDN-VANET architecture with Rider-Sea Lion optimized neural network for intrusion detection	Internet of Things (Netherlands)	22				5.711	10.1016/j.iot.2023.100723
421	Sivakumar S., Sridhar S.S., Rajalakshmi R., Pushpalatha M., Shanmugan S., Niranjana G.	Intelligent and assisted medicine dispensing machine for elderly visual impaired people with deep neural network fingerprint authentication system	Internet of Things (Netherlands)	23				5.711	10.1016/j.iot.2023.100821
422	Seshadri A., Natesan Chokkalingam L.	Influence of rotor slot profile on the windage loss in a Switched Reluctance Motor for an electric autorickshaw	Engineering Science and Technology, an International Journal	46				5.7	10.1016/j.jestch.2023.101493

423	Lokesh Kumar S., Kumar S., Tetala K.K.R.	A manganese dioxide nanoparticle–bimetallic metal organic framework composite for selective and sensitive detection of vitamin D3 in human plasma	Microchimica Acta	190	9			5.7	10.1007/s00604-023-05904-x
424	Shibu George G., Raj Mishra P., Sinha P., Ranjan Prusty M.	COVID-19 detection on chest X-ray images using Homomorphic Transformation and VGG inspired deep convolutional neural network	Biocybernetics and Biomedical Engineering	43	1	1	16	5.687	10.1016/j.bbe.2022.11.003
425	Allam J.P., Samantray S., Sahoo S.P., Ari S.	A deformable CNN architecture for predicting clinical acceptability of ECG signal	Biocybernetics and Biomedical Engineering	43	1	335	351	5.687	10.1016/j.bbe.2023.01.006
426	Sabari S.S., Balasubramani K., Iyer M., Sureshbabu H.W., Venkatesan D., Gopalakrishnan A.V., Narayanaswamy A., Senthil Kumar N., Vellingiri B.	Type 2 Diabetes (T2DM) and Parkinson’s Disease (PD): a Mechanistic Approach	Molecular Neurobiology					5.682	10.1007/s12035-023-03359-y
427	Rahul A.K., Singh M.K., Saha S.	Squeeze film lubrication analysis and optimization of porous annular disk with viscosity variation of non-Newtonian fluid: Rabinowitsch fluid model	Tribology International	179				5.620	10.1016/j.triboint.2022.108060

428	Rajasozhaperumal G., Kannan C.	Comparative evaluation of chemically modified Jatropha oils as sustainable biolubricants in boundary lubrication regime	Tribology International	186				5.62	10.1016/j.triboint.2023.108594
429	Murugesan R.A., Nagamuthu Raja K.C.	Capacitance performance of Ti3C2Tx MXene nanosheets on alkaline and neutral electrolytes	Materials Research Bulletin	163				5.600	10.1016/j.materresbull.2023.112217
430	K. A. E.J., N. K. M., R. U.M., S. J.M., M. L.N., Sundara R., Palanisamy T.	Efficient dye degradation and concurrent electricity generation using silver bromide-embedded titanium dioxide	Materials Research Bulletin	163				5.600	10.1016/j.materresbull.2023.112208
431	Ramkumar G., Seetha J., Priyadarshini R., Gopila M., Saranya G.	IoT-based patient monitoring system for predicting heart disease using deep learning	Measurement: Journal of the International Measurement Confederation	218				5.6	10.1016/j.measurement.2023.113235
432	Ji M., Muthuramalingam T., Saravanakumar D., Karmiris-Obratański P., Karkalos N.E., Zhang W.	Predicting depth of cut in vibration-assisted EDM cutting on titanium alloy using adaptive neuro fuzzy inference system	Measurement: Journal of the International Measurement Confederation	219				5.6	10.1016/j.measurement.2023.113245
433	Segaran G., Sathiavelu M.	Fungicidal and plant growth-promoting traits of Lasiodiplodia pseudotheobromae, an endophyte from Andrographis paniculata	Frontiers in Plant Science	14				5.6	10.3389/fpls.2023.1125630

434	Mukherjee A.G., Wanjari U.R., Kannampuzha S., Murali R., Namachivayam A., Ganesan R., Dey A., Babu A., Renu K., Vellingiri B., Ramanathan G., George Priya Doss C., Elsherbiny N., Elsherbini A.M., Alsamman A.M., Zayed H., Gopalakrishnan A.V.	The Implication of Mechanistic Approaches and the Role of the Microbiome in Polycystic Ovary Syndrome (PCOS): A Review	Metabolites	13	1			5.581	10.3390/metabo130 10129
435	Wanjari U.R., Mukherjee A.G., Gopalakrishnan A.V., Murali R., Dey A., Vellingiri B., Ganesan R.	Role of Metabolism and Metabolic Pathways in Prostate Cancer	Metabolites	13	2			5.581	10.3390/metabo130 20183
436	Panchal N.K., Prince Sabina E.	Non-steroidal anti- inflammatory drugs (NSAIDs): A current insight into its molecular mechanism eliciting organ toxicities	Food and Chemical Toxicology	172				5.572	10.1016/j.fct.2022.1 13598

437	Wagh M.S., Osborne W.J., Sivarajan S.	Toxicity assessment of lead, nickel and cadmium on zebra fish augmented with <i>Bacillus xiamenensis</i> VITMSJ3: An insight on the defense mechanism against oxidative stress due to heavy metals	Food and Chemical Toxicology	177				5.572	10.1016/j.fct.2023.113830
438	Manjupriya R., Pouthika K., Madhumitha G., Roopan S.M.	Biological aspects of nitrogen heterocycles for amyotrophic lateral sclerosis	Applied Microbiology and Biotechnology	107	1	43	56	5.560	10.1007/s00253-022-12317-y
439	Sanyal R., M M., Pandey S., Nandi S., Biswas P., Dewanjee S., Gopalakrishnan A.V., Jha N.K., Jha S.K., Joshee N., Pandey D.K., Dey A., Shekhawat M.S.	Biotechnological interventions and production of galanthamine in <i>Crinum</i> spp.	Applied Microbiology and Biotechnology					5.560	10.1007/s00253-023-12444-0
440	Pandey D.K., Katoch K., Das T., Majumder M., Dhama K., Mane A.B., Gopalakrishnan A.V., Dey A.	Approaches for in vitro propagation and production of plumbagin in <i>Plumbago</i> spp.	Applied Microbiology and Biotechnology					5.56	10.1007/s00253-023-12511-6

441	Mukherjee C., Varghese D., Krishna J.S., Boominathan T., Rakeshkumar R., Dineshkumar S., Brahmananda Rao C.V.S., Sivaramakrishna A.	Recent advances in biodegradable polymers – Properties, applications and future prospects	European Polymer Journal	192				5.546	10.1016/j.eurpolymj. 2023.112068
442	Gaylan Y., Avar B., Panigrahi M., Aygün B., Karabulut A.	Effect of the B4C content on microstructure, microhardness, corrosion, and neutron shielding properties of Al–B4C composites	Ceramics International	49	3	5479	5488	5.532	10.1016/j.ceramint.2 022.10.071
443	Nimshi R.E., Vijaya J.J., Kennedy L.J., Selvamani P.S., Bououdina M., Sophia P.J.	Effective microwave assisted synthesis of CoFe2O4@TiO2@rGO ternary nanocomposites for the synergic sonophotocatalytic degradation of tetracycline and c antibiotics	Ceramics International					5.532	10.1016/j.ceramint.2 022.12.254
444	Nagasree Y., Rupa C., Akshitha P., Srivastava G., Gadekallu T.R., Lakshmana K.	Preserving Privacy of Classified Authentic Satellite Lane Imagery Using Proxy Re- Encryption and UAV Technologies	Drones	7	1			5.532	10.3390/drones7010 053
445	Manohar A., Vijayakanth V., Vattikuti S.V.P., Kim K.H.	Structural, BET and EPR properties of mixed zinc- manganese spinel ferrites nanoparticles for energy storage applications	Ceramics International					5.532	10.1016/j.ceramint.2 023.03.089

446	Rama M., Vijayalakshmi U.	Synergism of silver/CEM drug on novel proteinaceous silk fibroin/mesoporous silica based sandwich-layered nanofibrous scaffolds for osteoregenerative applications	Ceramics International					5.532	10.1016/j.ceramint.2023.02.065
447	Karthika M., Balu A.R., Vinitha G., Delci Z., Suganya M., Chitra Devi S., Devendran K., Sriramraj M.	Electrochemical, third order nonlinear optical and antibacterial properties of chitosan, a cationic polymer loaded CuS:Co nanoparticles	Ceramics International					5.532	10.1016/j.ceramint.2023.02.146
448	Ezhilan M., Mushtaq Alam M., Vijayalakshmi U., Kannan S.	Tuning the absorption, luminescence, morphological and mechanical characteristics of ZrSiO ₄ structure through simultaneous additions of Pr ³⁺ /PO ₄ ³⁻	Ceramics International					5.532	10.1016/j.ceramint.2023.04.054
449	Kalidas A.P., Joshua C.J., Md A.Q., Basheer S., Mohan S., Sakri S.	Deep Reinforcement Learning for Vision-Based Navigation of UAVs in Avoiding Stationary and Mobile Obstacles	Drones	7	4			5.532	10.3390/drones7040245
450	Subbarayalu V., Vensuslaus M.A.	An Intrusion Detection System for Drone Swarming Utilizing Timed Probabilistic Automata	Drones	7	4			5.532	10.3390/drones7040248

451	Subburaj B., Jayachandran U.M., Arumugham V., Suthanthira Amalraj M.J.A.	A Self-Adaptive Trajectory Optimization Algorithm Using Fuzzy Logic for Mobile Edge Computing System Assisted by Unmanned Aerial Vehicle	Drones	7	4			5.532	10.3390/drones7040 266
452	Srinivasan P., Madhu D.K., Pedugu Sivaraman S., Kuppusamy S., Nagarajan S., Rao C.V.S.B., Kancharlapalli Chinaraga P., Mohan A.M., Deivasigamani P.	Chromoionophore decorated renewable solid-state polymer monolithic naked eye sensor for the selective sensing and recovery of ultra- trace toxic cadmium ions in aqueous environment	Colloids and Surfaces A: Physicochemical and Engineering Aspects	656				5.518	10.1016/j.colsurfa.2 022.130377
453	Venkatachalam V., Ganapathy S., Perumal I., Anandhan M.	Crystal shape and size of CdTe colloidal quantum dots controlled by silver doping for enhanced quantum dots sensitized solar cells performance	Colloids and Surfaces A: Physicochemical and Engineering Aspects	656				5.518	10.1016/j.colsurfa.2 022.130296
454	Rajendran S., Bhunia S.K.	Bright red fluorescent amphiphilic carbon dots as dualphase and visual sensor for selective detection of As ³⁺ in aqueous environment	Colloids and Surfaces A: Physicochemical and Engineering Aspects	661				5.518	10.1016/j.colsurfa.2 022.130882

455	Pious A., Kamlekar R.K., Muthusamy S., Jothi A., Praneeth V.K.K., Ramesh S., Veerappan A.	Effectiveness of the hydrophobic core of pyridine tethered N-acyl glycine micelles in improving chromenoquinoline synthesis in water	Colloids and Surfaces A: Physicochemical and Engineering Aspects	664				5.518	10.1016/j.colsurfa.2023.131129
456	Gnanasekaran A., Rajaram K.	Flake-like CuO nanostructure coated on flame treated eucalyptus wood evaporator for efficient solar steam generation at outdoor conditions	Colloids and Surfaces A: Physicochemical and Engineering Aspects	662				5.518	10.1016/j.colsurfa.2023.130975
457	Chandiran K., Nagamuthu Raja K.C.	Graphene based NiMnO ₃ /NiMn ₂ O ₄ ternary nanocomposite for superior photodegradation performance of methylene blue under visible-light exposure	Colloids and Surfaces A: Physicochemical and Engineering Aspects	667				5.518	10.1016/j.colsurfa.2023.131434
458	Sannasi Chakravarthy S.R., Bharanidharan N., Rajaguru H.	Deep Learning-Based Metaheuristic Weighted K-Nearest Neighbor Algorithm for the Severity Classification of Breast Cancer	IRBM	44	3			5.500	10.1016/j.irbm.2022.100749
459	Jayakumari M.T., Kanakkampalayam Krishnan C.	Tuning Al sites in Y-zeolite for selective production of γ -valerolactone from levulinic acid	Applied Catalysis A: General	663				5.5	10.1016/j.apcata.2023.119318

460	Das S., Mukherjee A.	Combined effects of P25 TiO ₂ nanoparticles and disposable face mask leachate on microalgae <i>Scenedesmus obliquus</i> : analysing the effects of heavy metals	Environmental Science: Processes and Impacts					5.5	10.1039/d3em00120b
461	George S.C., Samuel E.J.J.	Developments in ¹⁷⁷ Lu-based radiopharmaceutical therapy and dosimetry	Frontiers in Chemistry	11				5.5	10.3389/fchem.2023.1218670
462	Balaji K.	Image Augmentation based on Variational Autoencoder for Breast Tumor Segmentation	Academic Radiology					5.482	10.1016/j.acra.2022.12.035
463	Fatima N., Rajan I., Arumuga Perumal D., Sasithradevi A., Ahmed S.A.A., Gorji M.R., Ahmad Z.	Simulation of fluid flow in a lid-driven cavity with different wave lengths corrugated walls using Lattice Boltzmann method	Journal of the Taiwan Institute of Chemical Engineers	144				5.477	10.1016/j.jtice.2023.104748
464	Chaudhary A.S., Kiran B., Sivagami K., Govindarajan D., Chakraborty S.	Thermal degradation model of used surgical masks based on machine learning methodology	Journal of the Taiwan Institute of Chemical Engineers	144				5.477	10.1016/j.jtice.2023.104732
465	Jalalah M., Sasmal A., Nayak A.K., Harraz F.A.	Rapid, external acid-free synthesis of Bi ₂ WO ₆ nanocomposite for efficient supercapacitor application	Journal of the Taiwan Institute of Chemical Engineers	143				5.477	10.1016/j.jtice.2023.104697
466	Sivagami M., Asharani I.V.	Catalytic reduction of nitroarenes by <i>Cucumis maderaspatanus</i> L. leaves extract mediated silver nanoparticles	Journal of the Taiwan Institute of Chemical Engineers	149				5.477	10.1016/j.jtice.2023.104981

467	Vivek T., Rakesh C., K B., K P., Arıcı M.	Indoor thermal comfort analysis of TABS with untreated natural ventilation in a warm and humid climate – An experimental study	Journal of the Taiwan Institute of Chemical Engineers					5.477	10.1016/j.jtice.2023.104921
468	Chikondra B., Yepes A.G., Al Zaabi O., Al Hosani K., Doval Gandoy J., Behera R.K.	Open-Phase Fault-Tolerant DTC Technique for Three-Level NPC VSI-Fed Five-Phase Induction Motor Drives	IEEE Journal of Emerging and Selected Topics in Power Electronics	11	2	2114	2125	5.462	10.1109/JESTPE.2022.3224529
469	Datta A., Udhaya Kumar S., D'costa M., Bothe A., Thirumal Kumar D., Zayed H., George Priya Doss C.	Identification of dysregulated canonical pathways associated with pathogenesis and progression of Amyotrophic Lateral Sclerosis—An integrated bioinformatics approach	Advances in Protein Chemistry and Structural Biology	134		21	52	5.447	10.1016/bs.apcsb.2022.11.014
470	Keerthana G., Vasudevan K., Dey H., Kausar T., Udhaya Kumar S., Thirumal Kumar D., Zayed H., George Priya Doss C.	Elucidating the mechanism of antimicrobial resistance in Mycobacterium tuberculosis using gene interaction networks	Advances in Protein Chemistry and Structural Biology	134		53	74	5.447	10.1016/bs.apcsb.2022.11.017

471	Almaghrbi H., Elkardawy R., Udhaya Kumar S., Kuttikrishnan S., Abunada T., Kashyap M.K., Ahmad A., Uddin S., George Priya Doss C., Zayed H.	Analysis of signaling cascades from myeloma cells treated with pristimerin	Advances in Protein Chemistry and Structural Biology	134		147	174	5.447	10.1016/bs.apcsb.20 22.10.006
472	Dey S., Guha T., Barman F., Natarajan L., Kundu R., Mukherjee A., Paul S.	Surface functionalization and size of polystyrene microplastics concomitantly regulate growth, photosynthesis and anti- oxidant status of Cicer arietinum L.	Plant Physiology and Biochemistry	194		41	51	5.437	10.1016/j.plaphy.20 22.11.004
473	Bharathi J.K., Anandan R., Benjamin L.K., Muneer S., Prakash M.A.S.	Recent trends and advances of RNA interference (RNAi) to improve agricultural crops and enhance their resilience to biotic and abiotic stresses	Plant Physiology and Biochemistry	194		600	618	5.437	10.1016/j.plaphy.20 22.11.035
474	Giri S., Christudoss A.C., Chandrasekaran N., Peijnenburg W.J.G.M., Mukherjee A.	The role of algal EPS in reducing the combined toxicity of BPA and polystyrene nanoparticles to the freshwater algae <i>Scenedesmus obliquus</i>	Plant Physiology and Biochemistry	197				5.437	10.1016/j.plaphy.20 23.107664

475	Dey S., Nath S., Alam Ansari T., Biswas A., Barman F., Mukherjee S., Gopal G., Bhattacharyya A., Mukherjee A., Kundu R., Paul S.	Application of green synthesized bimetallic nZVI-Cu nanoparticle as a sustainable alternative to chemical fertilizers to enhance growth and photosynthetic efficiency of rice seedlings	Plant Physiology and Biochemistry	201				5.437	10.1016/j.plaphy.2023.107837
476	Kumari P., Kareem A., Jhariat P., Senthilkumar S., Panda T.	Phase Purity Regulated by Mechano-Chemical Synthesis of Metal-Organic Frameworks for the Electrocatalytic Oxygen Evolution Reaction	Inorganic Chemistry	62	8	3457	3463	5.436	10.1021/acs.inorgchem.2c03609
477	Chakrabarti D., Kishore R., Mukherjee A., Rajesh S.	Azimuthal asymmetries in J/ψ -photon production at the EIC	Physical Review D	107	1			5.407	10.1103/PhysRevD.107.014008
478	D'Alesio U., Maxia L., Murgia F., Pisano C., Rajesh S.	J/ψ polarization in large-PT semi-inclusive deep-inelastic scattering at the EIC	Physical Review D	107	11			5.407	10.1103/PhysRevD.107.114001
479	Malik A., Agarwal N., Settibhaktini H., Chintanpalli A.	Predicting Level-Dependent Changes in Concurrent Vowel Scores Using the 2D-CNN Models	IEEE/ACM Transactions on Audio Speech and Language Processing	31		2558	2566	5.4	10.1109/TASLP.2023.3288411

480	Javed A.R., Saadia A., Mughal H., Gadekallu T.R., Rizwan M., Maddikunta P.K.R., Mahmud M., Liyanage M., Hussain A.	Artificial Intelligence for Cognitive Health Assessment: State-of-the-Art, Open Challenges and Future Directions	Cognitive Computation					5.4	10.1007/s12559-023-10153-4
481	Jena R., Shanableh A., Al-Ruzouq R., Pradhan B., Gibril M.B.A., Khalil M.A., Ghorbanzadeh O., Ganapathy G.P., Ghamisi P.	Explainable Artificial Intelligence (XAI) Model for Earthquake Spatial Probability Assessment in Arabian Peninsula	Remote Sensing	15	9			5.349	10.3390/rs15092248
482	Mohanrasu S.S., Udhayakumar K., Priyanka T.M.C., Gowrisankar A., Banerjee S., Rakkiyappan R.	Event-Triggered Impulsive Controller Design for Synchronization of Delayed Chaotic Neural Networks and Its Fractal Reconstruction: An Application to Image Encryption	Applied Mathematical Modelling	115		490	512	5.336	10.1016/j.apm.2022.10.015
483	Sahoo J.P., Sahoo S.P., Ari S., Patra S.K.	Hand Gesture Recognition Using Densely Connected Deep Residual Network and Channel Attention Module for Mobile Robot Control	IEEE Transactions on Instrumentation and Measurement	72				5.332	10.1109/TIM.2023.3246488
484	Saju A., Ali M.M., Mehta R., Dey P., Osborne W.J.	Endosymbiotic bacteria from donkeys milk in the inhibition of human pathogens	Food Bioscience	53				5.318	10.1016/j.fbio.2023.102821

485	Bhuktar H., Shukla S., Kakularam K.R., Battu S., Srikanth M., Srivastava S., Medishetti R., Ram P., Jagadish P.C., Rasool M., Chakraborty S., Khan N., Reddanna P., Oruganti S., Pal M.	Design, synthesis and evaluation of 2-aryl quinoline derivatives against 12R-lipoxygenase (12R-LOX): Discovery of first inhibitor of 12R-LOX	Bioorganic Chemistry	138				5.307	10.1016/j.bioorg.2023.106606
486	Srinivasan P., Deivasigamani P.	Solid-state naked-eye sensing of Cu(II) from industrial effluents and environmental water samples using probe integrated polymeric sensor materials	Microchemical Journal	185				5.304	10.1016/j.microc.2022.108224
487	Bhuvaneswari C., Palpandi K., Amritha B., Paunkumar P., Lakshmi Priya R., Raman N., Ganesh Babu S.	Conniving for the first time of BiVO ₄ – rGO/CE-BN and its potential as enhanced electrochemical sensing of non-steroidal anti-androgen drug	Microchemical Journal	184				5.304	10.1016/j.microc.2022.108174
488	Hariharan M., Mishra A., Ravi S., Sharma A., Tanwar A., Sundaresan K., Ganesan P., Karthik R.	Detecting log anomaly using subword attention encoder and probabilistic feature selection	Applied Intelligence					5.3	10.1007/s10489-023-04674-6
489	Teng L., Qiao Y., Shafiq M., Srivastava G., Javed A.R., Gadekallu T.R., Yin S.	FLPK-BiSeNet: Federated Learning Based on Prior Knowledge and Bilateral Segmentation Network for Image Edge Extraction	IEEE Transactions on Network and Service Management	20	2	1529	1542	5.3	10.1109/TNSM.2023.3273991

490	Balan G.S., Raj S.A.	Impact of Freeze–Thaw Cycles on the Mechanical Performance of Palm Seed Powder-Modified Flax-Fibre Reinforced Polymer Composites	Journal of Polymers and the Environment					5.3	10.1007/s10924-023-02961-4
491	Chakaravarthy R., Tao J., Liu C., Liu Y., Ren W., Vizhi Rajasekar E.	Potassium trihydrogen dioxalate dihydrate (KTO) nonlinear optical (NLO) single crystal for optical limiting application	Results in Physics	51				5.3	10.1016/j.rinp.2023.106732
492	Nisar K.S., Srinivas M.N., Murthy B.S.N., Madhusudanan V., Gul N., Abdulrehman J., Zeb A.	Exploring the dynamics of white noise and spatial temporal variations on hearing loss due to mumps virus	Results in Physics	51				5.3	10.1016/j.rinp.2023.106584
493	Naha A., Ramaiah S.	Novel Antimicrobial Peptide SAAP Mutant as a Better Adjuvant to Sulbactam-Based Treatments Against Clinical Strains of XDR Acinetobacter baumannii	Probiotics and Antimicrobial Proteins					5.265	10.1007/s12602-023-10067-5
494	Bhattarai A., Priyadharshini A., Emerson I.A.	Investigating the binding affinity of andrographolide against human SARS-CoV-2 spike receptor-binding domain through docking and molecular dynamics simulations	Journal of Biomolecular Structure and Dynamics					5.235	10.1080/07391102.2023.2174596

495	Calvin D.J.D., Steve R.J., Kannangai R., Abraham P., Udhaya Kumar S., Balasundaram A., George Priya Doss C., Thomas V., Thomas A., Danda D., Fletcher J.G.	HPV and molecular mimicry in systemic lupus erythematosus and an impact of compiling B-cell epitopes and MHC-class II binding profiles with in silico evidence	Journal of Biomolecular Structure and Dynamics					5.235	10.1080/07391102.2023.2175261
496	Nayak S.S., Sundararajan V.	Robust anti-inflammatory activity of genistein against neutrophil elastase: a microsecond molecular dynamics simulation study	Journal of Biomolecular Structure and Dynamics					5.235	10.1080/07391102.2023.2170919
497	Chandrasekhar G., Srinivasan E., Nandhini S., Pravallika G., Sanjay G., Rajasekaran R.	Computer aided therapeutic tripeptide design, in alleviating the pathogenic proclivities of nocuous α -synuclein fibrils	Journal of Biomolecular Structure and Dynamics					5.235	10.1080/07391102.2023.2194003
498	Karthikeyan S., Grishina M., Kandasamy S., Mangaiyarkarasi R., Ramamoorthi A., Chinnathambi S., Pandian G.N., John Kennedy L.	A review on medicinally important heterocyclic compounds and importance of biophysical approach of underlying the insight mechanism in biological environment	Journal of Biomolecular Structure and Dynamics					5.235	10.1080/07391102.2023.2187640

499	Dhanasekaran S., Pushparaj Selvadoss P., Sundar Manoharan S., Jeyabalan S., Devi Rajeswari V.	Revealing anti-fungal potential of plant-derived bioactive therapeutics in targeting secreted aspartyl proteinase (SAP) of <i>Candida albicans</i> : a molecular dynamics approach	Journal of Biomolecular Structure and Dynamics					5.235	10.1080/07391102.2023.2196703
500	Balasundaram A., Kumar. S U., Thirumal Kumar D., Anil Dedge A., R G., Satish Srinivas K., Siva R., George Priya Doss C.	The targeted next-generation sequence revealed SMAD4, AKT1, and TP53 mutations from circulating cell-free DNA of breast cancer and its effect on protein structure—A computational approach	Journal of Biomolecular Structure and Dynamics					5.235	10.1080/07391102.2023.2191122
501	Thirunavukkarasu M.K., Veerappapillai S., Karuppasamy R.	Sequential virtual screening collaborated with machine-learning strategies for the discovery of precise medicine against non-small cell lung cancer	Journal of Biomolecular Structure and Dynamics					5.235	10.1080/07391102.2023.2194994
502	Devaraji V., Sivaraman J., Prabhu S.	Large-scale computational screening of Indian medicinal plants reveals <i>Cassia angustifolia</i> to be a potentially anti-diabetic	Journal of Biomolecular Structure and Dynamics					5.235	10.1080/07391102.2023.2192886

503	Bhale A.S., Venkataraman K.	Delineating the impact of pathogenic mutations on the conformational dynamics of HDL's vital protein ApoA1: a combined computational and molecular dynamic simulation approach	Journal of Biomolecular Structure and Dynamics					5.235	10.1080/07391102.2023.2191131
504	Karthikeyan S., Sundaramoorthy A., Kandasamy S., Bharanidharan G., Aruna P., Suganya R., Mangaiyarkarasi R., Ganesan S., Pandian G.N., Ramamoorthi A., Chinnathambi S.	A biophysical approach of tyrphostin AG879 binding information in: bovine serum albumin, human ErbB2, c-RAF1 kinase, SARS-CoV-2 main protease and angiotensin-converting enzyme 2	Journal of Biomolecular Structure and Dynamics					5.235	10.1080/07391102.2023.2204368
505	Thomas J., Kumar S., Satija J.	Integrated molecular and quantum mechanical approach to identify novel potent natural bioactive compound against 2'-O-methyltransferase (nsp16) of SARS-CoV-2	Journal of Biomolecular Structure and Dynamics					5.235	10.1080/07391102.2023.2206287
506	Balasundaram A., Ramireddy S., Udhaya Kumar S., Thirumal Kumar D., Tayubi I.A., Zayed H., George Priya Doss C.	A new horizon in the phosphorylated sites of AGA: the structural impact of C163S mutation in aspartylglucosaminuria through molecular dynamics simulation	Journal of Biomolecular Structure and Dynamics					5.235	10.1080/07391102.2023.2220798

507	Kannan P., Hadeefa Begum A., Madhana Priya N., Thirumal Kumar D., Ramanathan G., Eswaramoorthy R., Ramasamy M.	Unravelling the Relacatib activity against the CTSK proteins causing pycnodysostosis: a molecular docking and dynamics approach	Journal of Biomolecular Structure and Dynamics					5.235	10.1080/07391102.2023.2218927
508	Ponnusamy N., Pillai G., Arumugam M.	Computational investigation of phytochemicals identified from medicinal plant extracts against tuberculosis	Journal of Biomolecular Structure and Dynamics					5.235	10.1080/07391102.2023.2213341
509	Sravani M.M., Durai S.A.	Bio-Hash Secured Hardware e-Health Record System	IEEE Transactions on Biomedical Circuits and Systems			1	12	5.234	10.1109/TBCAS.2023.3263177
510	Ramesh P., Palaniappan A.	Terminalia arjuna, a Cardioprotective Herbal Medicine—Relevancy in the Modern Era of Pharmaceuticals and Green Nanomedicine—A Review	Pharmaceuticals	16	1			5.215	10.3390/ph16010126
511	Polimera S., Gali A., Nath S.K., Rahaman A., Chandan M.R., Balakumaran S.J.	Thermo-mechanical property enhancement of rigid polyurethane foam using silica and alumina as hybrid fillers over single filler	Polymer Composites					5.2	10.1002/pc.27570

512	Purohit A., Gupta G., Pradhan P., Agrawal A.	Development and erosion wear analysis of polypropylene/Linz-Donawitz sludge composites	Polymer Composites					5.2	10.1002/pc.27579
513	Choudhury S., Varghese G.T., Mohanty S., Kolluru V.R., Bajaj M., Blazek V., Prokop L., Misak S.	Energy management and power quality improvement of microgrid system through modified water wave optimization	Energy Reports	9		6020	6041	5.2	10.1016/j.egyr.2023.05.068
514	Marques L., da Silva H.B., Thakur J., Uturbey W., Thakur P.	Categorizing shared photovoltaic business models in renewable markets: An approach based on CANVAS and transaction costs	Energy Reports	10		1602	1617	5.2	10.1016/j.egyr.2023.08.007
515	Nisha G., Jamuna K.	Real-time implementation of sliding mode controller for standalone microgrid systems for voltage and frequency stabilization	Energy Reports	10		768	792	5.2	10.1016/j.egyr.2023.07.015
516	Manohar A., Vijayakanth V., Chintagumpala K., Manivasagan P., Jang E.-S., Kim K.H.	Zn- doped MnFe ₂ O ₄ nanoparticles for magnetic hyperthermia and their cytotoxicity study in normal and cancer cell lines	Colloids and Surfaces A: Physicochemical and Engineering Aspects	675				5.2	10.1016/j.colsurfa.2023.132037
517	Sulthan S.M., A. S.S., B. S.R., O. M.M., Veena R., T.P. I.A.	Centralized power management and control of a Low Voltage DC Nanogrid	Energy Reports	9		1513	1520	5.2	10.1016/j.egyr.2023.07.003

518	Buragohain T., Dey P., Osborne W.J.	In vitro studies on the inhibition of microbial pathogens by PPDHMP synthesized by Bacillus sp.; an endophyte of Citrus limon (Kaji nemu)	Food Bioscience	55				5.2	10.1016/j.fbio.2023.103003
519	Sulthan S.M., Devaraj D., B. S.R., O. M.M., Raj V.	Development and analysis of a Two stage Hybrid MPPT algorithm for solar PV systems	Energy Reports	9		1502	1512	5.2	10.1016/j.egyr.2023.07.006
520	Vanitha P.R., Somashekaraiah R., Divyashree S., Pan I., Sreenivasa M.Y.	Antifungal activity of probiotic strain Lactiplantibacillus plantarum MYSN7 against Trichophyton tonsurans	Frontiers in Microbiology	14				5.2	10.3389/fmicb.2023.1192449
521	Varghese R., Cherukuri A.K., Doddrell N.H., Doss C.G.P., Simkin A.J., Ramamoorthy S.	Machine learning in photosynthesis: Prospects on sustainable crop development	Plant Science	335				5.2	10.1016/j.plantsci.2023.111795
522	Haridevamuthu B., Seenivasan B., Priya P.S., Muthuraman S., Kumar R.S., Manikandan K., Almutairi B.O., Almutairi M.H., Arokiyaraj S., Gopinath P., Arockiaraj J.	Hepatoprotective effect of dihydroxy piperlongumine in high cholesterol-induced non-alcoholic fatty liver disease zebrafish via antioxidant activity	European Journal of Pharmacology	945				5.195	10.1016/j.ejphar.2023.175605

523	Nema G., Krishnasamy K.	An active solar desalination system integrated with collective condenser heat pipe solar evacuated tube collector: a thermoeconomic analysis	Environmental Science and Pollution Research					5.190	10.1007/s11356-022-25058-2
524	Vigneswaran S., Vijayarangan B., Meikandan M., Sakthivadivel D., Kumaresan G., Shanmugam M., Kumar P.G.	Economic and exergy analysis of passive solar still incorporated with an additional condensing surface material beneath the top glazing to enhance the productivity	Environmental Science and Pollution Research					5.190	10.1007/s11356-023-25495-7
525	Sundaram S., Devaraj S., Yarrakula K.	Mapping and assessing spatial extent of floods from multitemporal synthetic aperture radar images: a case study over Adyar watershed, India	Environmental Science and Pollution Research					5.190	10.1007/s11356-023-26467-7
526	Jarvin M., Rosaline D.R., Gopalakrishnan T., Kamalam M.B.R., Foletto E.L., Dotto G.L., Inbanathan S.S.R.	Remarkable photocatalytic performances towards pollutant degradation under sunlight and enhanced electrochemical properties of TiO ₂ /polymer nanohybrids	Environmental Science and Pollution Research					5.190	10.1007/s11356-023-26486-4
527	Ranjbar M., Khakdan F., Mukherjee A.	In vitro analysis of green synthesized CuO nanoparticles using Tanacetum parthenium extract for multifunctional applications	Environmental Science and Pollution Research					5.19	10.1007/s11356-023-26706-x

528	Peter John E., Mishra U.	Sustainable circular economy production system with emission control in LED bulb companies	Environmental Science and Pollution Research					5.19	10.1007/s11356-023-26243-7
529	Wagh M.S., Sivarajan S., Osborne W.J.	A new paradigm in the bioremoval of lead, nickel, and cadmium using a cocktail of biosystems: a metagenomic approach	Environmental Science and Pollution Research					5.19	10.1007/s11356-023-26705-y
530	Das S., Giri S., Wadhwa G., Pulimi M., Anand S., Chandrasekaran N., Johari S.A., Rai P.K., Mukherjee A.	Comparative ecotoxicity of graphene, functionalized multi-walled CNTs, and their mixture in freshwater microalgae, <i>Scenedesmus obliquus</i> : analyzing the role of oxidative stress	Environmental Science and Pollution Research					5.19	10.1007/s11356-023-27367-6
531	Nithyanandham D., Augustin F., Narayanamoorthy S., Ahmadian A., Balaenu D., Kang D.	Bipolar intuitionistic fuzzy graph based decision-making model to identify flood vulnerable region	Environmental Science and Pollution Research					5.19	10.1007/s11356-023-27548-3
532	Kurita A.E., Espuny M., Campos T.L.R., Kazançoğlu Y., Kandsamy J., de Oliveira O.J.	Drivers for circular economy development: making businesses more environmentally friendly	Environmental Science and Pollution Research					5.19	10.1007/s11356-023-28048-0
533	Nandagopal S., Natesan Chokkalingam L.	Influence of squirrel cage induction rotor geometry in battery C-rating	Engineering Science and Technology, an International Journal	39				5.155	10.1016/j.jestch.2023.101336

534	Manoj Kumar S., Jothi D., Munusamy S., Enbanathan S., Kulathu Iyer S.	Imidazole-derived new colorimetric/fluorometric chemosensor for the sensitive recognition of CN ⁻ ions: Real-time application in food samples and fluorescence bio-imaging	Journal of Photochemistry and Photobiology A: Chemistry	434				5.141	10.1016/j.jphotochem.2022.114269
535	Shaji L.K., Selva Kumar R., Jose J., Bhaskar R., Vetriarasu V., Bhat S.G., Ashok Kumar S.K.	Selective chromogenic and fluorogenic signalling of Hg ²⁺ ions using a benzothiazole-quinolinyl acrylate conjugate and its applications in the environmental water samples and living cells	Journal of Photochemistry and Photobiology A: Chemistry	434				5.141	10.1016/j.jphotochem.2022.114220
536	Mujthaba Aatif A., Selva Kumar R., Joseph S., Vetriarasu V., Abdul Majeed S., Ashok Kumar S.K.	Pyridinecarbohydrazide-based fluorescent chemosensor for In ³⁺ ions and its applications in water samples, live cells, and zebrafish imaging	Journal of Photochemistry and Photobiology A: Chemistry	434				5.141	10.1016/j.jphotochem.2022.114257
537	Ashokan I., Bhunia S.K.	Boron and nitrogen co-doped bright yellow fluorescent carbon dots as real-time selective detection of phthalic acid plasticizer in aqueous medium	Journal of Photochemistry and Photobiology A: Chemistry	437				5.141	10.1016/j.jphotochem.2022.114489

538	Enbanathan S., Manickam S., Dhanthala Thiyagarajan M., Jothi D., Manojkumar S., Munusamy S., Murugan D., Rangasamy L., Balijapalli U., Kulathu Iyer S.	Rational design of diphenyl- $\lambda^5\sigma^4$ -phosphinine based fluorescent probe for the selective detection of Hg ²⁺ ions: Real application in cell imaging and paper strips	Journal of Photochemistry and Photobiology A: Chemistry	437				5.141	10.1016/j.jphotoche m.2022.114431
539	Patel D.A., Ashok Kumar S.K., Sahoo S.K.	Aggregation-induced emission active salicylaldehyde hydrazone with multipurpose sensing applications	Journal of Photochemistry and Photobiology A: Chemistry	437				5.141	10.1016/j.jphotoche m.2022.114465
540	Krishnan U., Manickam S., Kulathu Iyer S.	Selective detection of BF ₃ in living cells and environmental water samples using Schiff- base fluorescent probe	Journal of Photochemistry and Photobiology A: Chemistry	436				5.141	10.1016/j.jphotoche m.2022.114381
541	Kumar G.G.V., Bhaskar R., Harathi J., Borda R.F.C., Hussain S., Sundaramoorthy A.	A simple fluorescent sensor for the meticulous recognition of Cu ²⁺ ion and its functioning in logic gate and keypad lock	Journal of Photochemistry and Photobiology A: Chemistry	441				5.141	10.1016/j.jphotoche m.2023.114750
542	Balakrishnan A., Ramana K., Ashok G., Viriyasitavat W., Ahmad S., Gadekallu T.R.	Sonar glass—Artificial vision: Comprehensive design aspects of a synchronization protocol for vision based sensors	Measurement: Journal of the International Measurement Confederation	211				5.131	10.1016/j.measurem ent.2023.112636

543	Ramasubbu K., Padmanabhan S., Al- Ghanim K.A., Nicoletti M., Govindarajan M., Sachivkina N., Rajeswari V.D.	Green Synthesis of Copper Oxide Nanoparticles Using Sesbania grandiflora Leaf Extract and Their Evaluation of Anti-Diabetic, Cytotoxic, Anti-Microbial, and Anti- Inflammatory Properties in an In-Vitro Approach	Fermentation	9	4			5.123	10.3390/fermentatio n9040332
544	Nirmalapriya G., Maram B., Lakshmanan R., Navaneethakrishnan M.	ASCA-squeeze net: Aquila sine cosine algorithm enabled hybrid deep learning networks for digital image forgery detection	Computers and Security	128				5.105	10.1016/j.cose.2023. 103155
545	Gupta P., Yadav K., Gupta B.B., Alazab M., Gadekallu T.R.	A Novel Data Poisoning Attack in Federated Learning based on Inverted Loss Function	Computers and Security	130				5.105	10.1016/j.cose.2023. 103270
546	Subramani S., Selvi M.	Intelligent IDS in wireless sensor networks using deep fuzzy convolutional neural network	Neural Computing and Applications					5.102	10.1007/s00521-023- 08511-2
547	Suganeshwari G., Syed Ibrahim Peer Mohamed S.I., Sugumaran V.	A graph-based collaborative filtering algorithm combining implicit user preference and explicit time-related feedback	Neural Computing and Applications					5.102	10.1007/s00521-023- 08694-8
548	Reddy C S.K., Suchetha M.	A 1-D CNN-FCM model for the classification of epileptic seizure disorders	Neural Computing and Applications					5.102	10.1007/s00521-023- 08665-z

549	Biradar A., Arulvel S., Kandasamy J.	Significance of ballistic parameters and nanohybridization in the development of textile-based body armor: A review	International Journal of Impact Engineering	180				5.1	10.1016/j.ijimpeng.2023.104700
550	Narmatha P., Gupta S., Vijaya Lakshmi T.R., Manikavelan D.	Skin cancer detection from dermoscopic images using Deep Siamese domain adaptation convolutional Neural Network optimized with Honey Badger Algorithm	Biomedical Signal Processing and Control	86				5.1	10.1016/j.bspc.2023.105264
551	Karthik R., Joshua Alfred J., Joel Kennedy J.	Inception-based global context attention network for the classification of coffee leaf diseases	Ecological Informatics	77				5.1	10.1016/j.ecoinf.2023.102213
552	Jayalakshmy S., Lakshmipriya B., Sudha G.F.	Bayesian optimized GoogLeNet based respiratory signal prediction model from empirically decomposed gammatone visualization	Biomedical Signal Processing and Control	86				5.1	10.1016/j.bspc.2023.105239
553	Masood J.A.I.S., Chakravarthy N.S.K., Abd-Elkader O.H., Ahamed A., Mohaideen A.M.K., Sugumaran V.	A microbiological identification and recovery actions of critical symptoms of anammox image bacteria	Preventive Medicine	174				5.1	10.1016/j.yppmed.2023.107620
554	Animish A., Jayasri M.A.	A retrospective review of marine algae and the strategies employed for prospective diabetes management	Algal Research	74				5.1	10.1016/j.algal.2023.103209

555	Ibrahim M.J., Baiju V., Sen S., Chandran P.P., Ashraf G.M., Haque S., Ahmad F.	Utilities of Isolated Nerve Terminals in Ex Vivo Analyses of Protein Translation in (Patho)physiological Brain States: Focus on Alzheimer's Disease	Molecular Neurobiology					5.1	10.1007/s12035-023-03562-x
556	Venkatesan D., Iyer M., Narayanasamy A., Gopalakrishnan A.V., Vellingiri B.	Plausible Role of Mitochondrial DNA Copy Number in Neurodegeneration—a Need for Therapeutic Approach in Parkinson's Disease (PD)	Molecular Neurobiology					5.1	10.1007/s12035-023-03500-x
557	Faizal S., Rajput C.A., Tripathi R., Verma B., Prusty M.R., Korade S.S.	Automated cataract disease detection on anterior segment eye images using adaptive thresholding and fine tuned inception-v3 model	Biomedical Signal Processing and Control	82				5.076	10.1016/j.bspc.2022.104550
558	Nirmalapriya G., Agalya V., Regunathan R., Belsam Jeba Ananth M.	Fractional Aquila spider monkey optimization based deep learning network for classification of brain tumor	Biomedical Signal Processing and Control	79				5.076	10.1016/j.bspc.2022.104017
559	Chaki J., Woźniak M.	Deep learning for neurodegenerative disorder (2016 to 2022): A systematic review	Biomedical Signal Processing and Control	80				5.076	10.1016/j.bspc.2022.104223
560	Chaki J., Woźniak M.	A deep learning based four-fold approach to classify brain MRI: BTSCNet	Biomedical Signal Processing and Control	85				5.076	10.1016/j.bspc.2023.104902

561	Roy S.M., Garg V., Sivaraman S.P., Barman S., Ghosh C., Bag P., Mohanasundaram P., Maji P.S., Basu A., Dirisala A., Ghosh S.K., Maity A.R.	Overcoming the barriers of nuclear-targeted drug delivery using nanomedicine-based strategies for enhanced anticancer therapy	Journal of Drug Delivery Science and Technology	83				5.062	10.1016/j.jddst.2023.104408
562	Maitra Roy S., Kishore P., Saha D., Ghosh P., Kar R., Barman S., Agrawal V., Roy A., Deb R., Sherry Chakraborty S., Bag P., Maji P.S., Basu A., Ghatak T., Mukherjee R., Maity A.R.	3D multicellular tumor spheroids used for in vitro preclinical therapeutic screening	Journal of Drug Delivery Science and Technology	86				5.062	10.1016/j.jddst.2023.104636
563	Dey H., Vasudevan K., Doss C G.P., Kumar S.U., El Allali A., Alsamman A.M., Zayed H.	Integrated gene network analysis sheds light on understanding the progression of Osteosarcoma	Frontiers in Medicine	10				5.058	10.3389/fmed.2023.1154417
564	Babu E.S., Barthwal A., Kaluri R.	Sec-edge: Trusted blockchain system for enabling the identification and authentication of edge based 5G networks	Computer Communications	199		10	29	5.047	10.1016/j.comcom.2022.12.001

565	Khan P.A., Thoutam A.K., Gopal V., Gurumallesh A., Joshi S., Palaniappan A., Markocsan N., Manivasagam G.	Influence of Graphene Nanoplatelets on the Performance of Axial Suspension Plasma-Sprayed Hydroxyapatite Coatings	Bioengineering	10	1			5.046	10.3390/bioengineering10010044
566	Ali S., Sudha K.G., Thirumalaivasan N., Ahamed M., Pandiaraj S., Rajeswari V.D., Vinayagam Y., Thiruvengadam M., Govindasamy R.	Green Synthesis of Magnesium Oxide Nanoparticles by Using Abrus precatorius Bark Extract and Their Photocatalytic, Antioxidant, Antibacterial, and Cytotoxicity Activities	Bioengineering	10	3			5.046	10.3390/bioengineering10030302
567	Mishra A., Kumar R., Mishra J., Dutta K., Ahlawat P., Kumar A., Dhanasekaran S., Gupta A.K., Sinha S., Bishi D.K., Gupta P.K., Nayak S.	Strategies facilitating the permeation of nanoparticles through blood-brain barrier: An insight towards the development of brain-targeted drug delivery system	Journal of Drug Delivery Science and Technology	86				5	10.1016/j.jddst.2023.104694
568	Banu K., Mukherjee A., Pawar A., Rajesh S.	Azimuthal asymmetries in D - meson and jet production at the EIC	Physical Review D	108	3			5	10.1103/PhysRevD.108.034005
569	Arockia Doss A.S., Lingampally P.K., Nguyen G.M.T., Schilberg D.	A comprehensive review of wearable assistive robotic devices used for head and neck rehabilitation	Results in Engineering	19				5	10.1016/j.rineng.2023.101306

570	Lakshmi S., Rubeena A.S., Subramaniyan S.B., Raman T., Vaseeharan B., Arockiaraj J., Karthikeyan S., Anbazhagan V., Preetham E.	Hybrid of Metapenaeus dobsoni lectin and platinum nanoparticles exert antimicrobial and immunostimulatory effects to reduce bacterial bioburden in infected Nile tilapia	Scientific Reports	13	1			4.996	10.1038/s41598-022-26719-5
571	Chandra S.S., Kannan R.J., Balaji B.S., Veeramachaneni S., Noor Mahammad S.	Efficient design and analysis of secure CMOS logic through logic encryption	Scientific Reports	13	1			4.996	10.1038/s41598-023-28007-2
572	Boggarapu L., Lakshmi B.	Implementation and performance analysis of QPSK system using pocket double gate asymmetric JLTFET for satellite communications	Scientific Reports	13	1			4.996	10.1038/s41598-023-29864-7
573	Vijayakumar N., Venkatraman S.K., Imthiaz S., Drweesh E.A., Elnagar M.M., Koppala S., Swamiappan S.	Synthesis and characterization of calcium and magnesium based oxides and titanates for photocatalytic degradation of rhodamine B: a comparative study	Scientific Reports	13	1			4.996	10.1038/s41598-023-30013-3
574	Ravi V., Desikan K.	Curvilinear regression analysis of benzenoid hydrocarbons and computation of some reduced reverse degree based topological indices for hyaluronic acid-paclitaxel conjugates	Scientific Reports	13	1			4.996	10.1038/s41598-023-28416-3

575	Gupta D., Rani S., Tiwari B., Gadekallu T.R.	An edge communication based probabilistic caching for transient content distribution in vehicular networks	Scientific Reports	13	1			4.996	10.1038/s41598-023- 30315-6
576	Chanchal A.K., Lal S., Kumar R., Kwak J.T., Kini J.	A novel dataset and efficient deep learning framework for automated grading of renal cell carcinoma from kidney histopathology images	Scientific Reports	13	1			4.996	10.1038/s41598-023- 31275-7
577	Mohapatra S., Mohapatra P.	American zebra optimization algorithm for global optimization problems	Scientific Reports	13	1			4.996	10.1038/s41598-023- 31876-2
578	Jilili J., Tolbatov I., Cossu F., Rahaman A., Fiser B., Kahaly M.U.	Atomic scale interfacial magnetism and origin of metal-insulator transition in (LaNiO ₃) _n /(CaMnO ₃) _m superlattices: a first principles study	Scientific Reports	13	1			4.996	10.1038/s41598-023- 30686-w
579	C P., R J.K.	Retinal image enhancement based on color dominance of image	Scientific Reports	13	1			4.996	10.1038/s41598-023- 34212-w
580	Doodi R., Gunji B.M.	Prediction and experimental validation approach to improve performance of novel hybrid bio-inspired 3D printed lattice structures using artificial neural networks	Scientific Reports	13	1			4.996	10.1038/s41598-023- 33935-0

581	Hadiyal K., Ganesan R., Rastogi A., Thamankar R.	Bio-inspired artificial synapse for neuromorphic computing based on NiO nanoparticle thin film	Scientific Reports	13	1			4.996	10.1038/s41598-023-33752-5
582	Jain P., Satija J., Sudandiradoss C.	Discovery of andrographolide hit analog as a potent cyclooxygenase-2 inhibitor through consensus MD-simulation, electrostatic potential energy simulation and ligand efficiency metrics	Scientific Reports	13	1			4.996	10.1038/s41598-023-35192-7
583	Khot M., Shaik R.S., Touseef W., Kiani A.	Binder-free NiO/CuO hybrid structure via ULPING (Ultra-short Laser Pulse for In-situ Nanostructure Generation) technique for supercapacitor electrode	Scientific Reports	13	1			4.996	10.1038/s41598-023-34274-w
584	Niranjan H., Srinivas M.N., Murty A.V.S.N., Viswanathan K.K.	Fishery resource management with migratory prey harvesting in two zones- delay and stochastic approach	Scientific Reports	13	1			4.996	10.1038/s41598-023-34130-x
585	Shukla D., Azad H.K., Abhishek K., Shitharth S.	Disaster management ontology- an ontological approach to disaster management automation	Scientific Reports	13	1			4.996	10.1038/s41598-023-34874-6

586	Mahalingam G., Arjunan P., Periyasami Y., Dhyani A.K., Devaraju N., Rajendiran V., Christopher A.C., Kt R.D., Dhanasingh I., Thangavel S., Murugesan M., Moorthy M., Srivastava A., Marepally S.	Correlating the differences in the receptor binding domain of SARS-CoV-2 spike variants on their interactions with human ACE2 receptor	Scientific Reports	13	1			4.996	10.1038/s41598-023- 35070-2
587	Thirumalaisamy K., Ramachandran S.	Comparative heat transfer analysis on Fe ₃ O ₄ -H ₂ O and Fe ₃ O ₄ -Cu-H ₂ O flow inside a tilted square porous cavity with shape effects	Physics of Fluids	35	2			4.980	10.1063/5.0136326
588	Ajithkumar M., Lakshminarayana P., Vajravelu K.	Diffusion effects on mixed convective peristaltic flow of a bi-viscous Bingham nanofluid through a porous medium with convective boundary conditions	Physics of Fluids	35	3			4.980	10.1063/5.0142003
589	Koshy J., Sangeetha D.	Hemigraphis alternata Leaf Extract Incorporated Agar/Pectin-Based Bio- Engineered Wound Dressing Materials for Effective Skin Cancer Wound Care Therapy	Polymers	15	1			4.967	10.3390/polym1501 0115

590	Stella S.M., Sridhar T.M., Ramprasath R., Gimbun J., Vijayalakshmi U.	Physio-Chemical and Biological Characterization of Novel HPC (Hydroxypropylcellulose):HAP (Hydroxyapatite):PLA (Poly Lactic Acid) Electrospun Nanofibers as Implantable Material for Bone Regenerative Application	Polymers	15	1			4.967	10.3390/polym15010155
591	Amrutha B., Prasad G., Sathiyathan P., Reza M.S., Kim H., Pathak M., Prabu A.A.	Fabrication of CuO-NP-Doped PVDF Composites Based Electrospun Triboelectric Nanogenerators for Wearable and Biomedical Applications	Polymers	15	11			4.967	10.3390/polym15112442
592	Gunasekhar R., Sathiyathan P., Reza M.S., Prasad G., Prabu A.A., Kim H.	Polyvinylidene Fluoride/Aromatic Hyperbranched Polyester of Third-Generation-Based Electrospun Nanofiber as a Self-Powered Triboelectric Nanogenerator for Wearable Energy Harvesting and Health Monitoring Applications	Polymers	15	10			4.967	10.3390/polym15102375
593	Koshy J.T., Vasudevan D., Sangeetha D., Prabu A.A.	Biopolymer Based Multifunctional Films Loaded with Anthocyanin Rich Floral Extract and ZnO Nano Particles for Smart Packaging and Wound Healing Applications	Polymers	15	10			4.967	10.3390/polym15102372

594	Indumathy B., Sathiyathan P., Prasad G., Reza M.S., Prabu A.A., Kim H.	A Comprehensive Review on Processing, Development and Applications of Organofunctional Silanes and Silane-Based Hyperbranched Polymers	Polymers	15	11			4.967	10.3390/polym1511 2517
595	Rahman A., Tomy P.	Intelligent Personal Assistant - an interlocutor to mollify Foreign Language Speaking Anxiety	Interactive Learning Environments					4.965	10.1080/10494820.2 023.2204324
596	Chavda V.P., Mishra T., Vuppu S.	Immunological Studies to Understand Hybrid/Recombinant Variants of SARS-CoV-2	Vaccines	11	1			4.961	10.3390/vaccines11 010045
597	Murali R., Wanjari U.R., Mukherjee A.G., Gopalakrishnan A.V., Kannampuzha S., Namachivayam A., Madhyastha H., Renu K., Ganesan R.	Crosstalk between COVID-19 Infection and Kidney Diseases: A Review on the Metabolomic Approaches	Vaccines	11	2			4.961	10.3390/vaccines11 020489
598	Irshath A.A., Rajan A.P., Vimal S., Prabhakaran V.-S., Ganesan R.	Bacterial Pathogenesis in Various Fish Diseases: Recent Advances and Specific Challenges in Vaccine Development	Vaccines	11	2			4.961	10.3390/vaccines11 020470

599	Kannampuzha S., Mukherjee A.G., Wanjari U.R., Gopalakrishnan A.V., Murali R., Namachivayam A., Renu K., Dey A., Vellingiri B., Madhyastha H., Ganesan R.	A Systematic Role of Metabolomics, Metabolic Pathways, and Chemical Metabolism in Lung Cancer	Vaccines	11	2			4.961	10.3390/vaccines11 020381
600	Malik S., Kishore S., Nag S., Dhasmana A., Preetam S., Mitra O., León-Figueroa D.A., Mohanty A., Chattu V.K., Assefi M., Padhi B.K., Sah R.	Ebola Virus Disease Vaccines: Development, Current Perspectives & Challenges	Vaccines	11	2			4.961	10.3390/vaccines11 020268
601	Krishnamoorthy H.R., Karuppasamy R.	Design and In Silico Validation of a Novel MZF-1-Based Multi- Epitope Vaccine to Combat Metastatic Triple Negative Breast Cancer	Vaccines	11	3			4.961	10.3390/vaccines11 030577
602	Mukherjee A.G., Wanjari U.R., Gopalakrishnan A.V., Kannampuzha S., Murali R., Namachivayam A., Ganesan R., Renu K., Dey A., Vellingiri B., Prabakaran D.S.	Insights into the Scenario of SARS-CoV-2 Infection in Male Reproductive Toxicity	Vaccines	11	3			4.961	10.3390/vaccines11 030510

603	Chavda V.P., Mishra T., Kamaraj S., Punetha S., Sengupta O., Joshi Y., Vuppu S., Vaghela D., Vora L.	Post-COVID-19 Fungal Infection in the Aged Population	Vaccines	11	3			4.961	10.3390/vaccines11030555
604	S. T., S S.	High power chirped pulse Yb fiber amplifier seeded by mode-locked fiber laser oscillator with multimode interference based saturable absorber	Optics and Laser Technology	157				4.939	10.1016/j.optlastec.2022.108626
605	Praveenkumar K., Swaroop S., Manivasagam G.	Effect of multiple laser shock peening without coating on residual stress distribution and high temperature dry sliding wear behaviour of Ti-6Al-4 V alloy	Optics and Laser Technology	164				4.939	10.1016/j.optlastec.2023.109398
606	Kumar G.V.B., Palanisamy K., Sanjeevikumar P., Muyeen S.M.	Analysis of control strategies for smoothing of solar PV fluctuations with storage devices	Energy Reports	9		163	177	4.937	10.1016/j.egyr.2022.11.176
607	Rafikiran S., Devadasu G., Basha C.H.H., Tom P.M., Prashanth V., Dhanamjayulu C., Kumbhar A., Muyeen S.M.	Design and performance analysis of hybrid MPPT controllers for fuel cell fed DC-DC converter systems	Energy Reports	9		5826	5842	4.937	10.1016/j.egyr.2023.05.030

608	Mazzeo D., Leva S., Matera N., Kontoleon K.J., Saboor S., Pirouz B., Elkadeem M.R.	A user-friendly and accurate machine learning tool for the evaluation of the worldwide yearly photovoltaic electricity production	Energy Reports	9		6267	6294	4.937	10.1016/j.egyr.2023.05.221
609	M. A.A., Aseel A., Roy R., Sunil P.	Predictive big data analytics for drilling downhole problems: A review	Energy Reports	9		5863	5876	4.937	10.1016/j.egyr.2023.05.028
610	Fathima M.D., Samuel S.J., Raja S.P.	HDDSS: An Enhanced Heart Disease Decision Support System Using RFE-ABGNB Algorithm	International Journal of Interactive Multimedia and Artificial Intelligence	8	2	29	37	4.936	10.9781/ijimai.2021.10.003
611	Job N., Thimmakondur V.S., Thirumoorthy K.	In Silico Drug Design and Analysis of Dual Amyloid-Beta and Tau Protein-Aggregation Inhibitors for Alzheimer's Disease Treatment	Molecules	28	3			4.927	10.3390/molecules28031388
612	Kumar A., Nirmal P., Kumar M., Jose A., Tomer V., Oz E., Proestos C., Zeng M., Elobeid T., Sneha V., Oz F.	Major Phytochemicals: Recent Advances in Health Benefits and Extraction Method	Molecules	28	2			4.927	10.3390/molecules28020887
613	Evangeline T G., Annamalai A R., Ctibor P.	Effect of Europium Addition on the Microstructure and Dielectric Properties of CCTO Ceramic Prepared Using Conventional and Microwave Sintering	Molecules	28	4			4.927	10.3390/molecules28041649

614	Thamim M., Agrahari A.K., Gupta P., Thirumoorthy K.	Rational Computational Approaches in Drug Discovery: Potential Inhibitors for Allosteric Regulation of Mutant Isocitrate Dehydrogenase-1 Enzyme in Cancers	Molecules	28	5			4.927	10.3390/molecules28052315
615	Haridevamuthu B., Manjunathan T., Wilson Alphonse C.R., Kumar R.S., Thanigaivel S., Chandra Kishore S., Sundaram V., Gopinath P., Arockiaraj J., Bellucci S.	Functionalized Sulfur-Containing Heterocyclic Analogs Induce Sub-G1 Arrest and Apoptotic Cell Death of Laryngeal Carcinoma In Vitro	Molecules	28	4			4.927	10.3390/molecules28041856
616	Banerjee M., Rajeswari V.D.	Critical Review on the Different Roles of Exosomes in TNBC and Exosomal-Mediated Delivery of microRNA/siRNA/lncRNA and Drug Targeting Signalling Pathways in Triple-Negative Breast Cancer	Molecules	28	4			4.927	10.3390/molecules28041802

617	Zanikov T., Gerasymchuk M., Ghasemi Gojani E., Robinson G.I., Asghari S., Groves A., Haselhorst L., Nandakumar S., Stahl C., Cameron M., Li D., Rodriguez-Juarez R., Snelling A., Hudson D., Fiselier A., Kovalchuk O., Kovalchuk I.	The Effect of Combined Treatment of Psilocybin and Eugenol on Lipopolysaccharide-Induced Brain Inflammation in Mice	Molecules	28	6			4.927	10.3390/molecules2 8062624
618	Mandal B.K., Ling Y.-C.	Analysis of Chlorophylls/Chlorophyllins in Food Products Using HPLC and HPLC-MS Methods	Molecules	28	10			4.927	10.3390/molecules2 8104012
619	Alzubi T.M., Alzubi J.A., Singh A., Alzubi O.A., Subramanian M.	A Multimodal Human- Computer Interaction for Smart Learning System	International Journal of Human- Computer Interaction					4.92	10.1080/10447318.2 023.2206758
620	Aicevarya Devi S., Augustin F.	Intuitionistic SIR Technique with Double Parameters to Detect the Operative Vaccine of COVID-19	International Journal of Information Technology and Decision Making					4.9	10.1142/S02196220 23500645

621	Vimal K.E.K., Shaikh M.F., Chouhan A.P., Kandasamy J.	Developing a framework for achieving optimal sustainability and resilience in circular sharing network	Environment, Development and Sustainability					4.9	10.1007/s10668-023-03388-6
622	Chowdhary S., Deka R., Panda K., Kumar R., Solomon A.D., Das J., Kanoujiya S., Gupta A.K., Sinha S., Ruokolainen J., Kesari K.K., Gupta P.K.	Recent Updates on Viral Oncogenesis: Available Preventive and Therapeutic Entities	Molecular Pharmaceutics	20	8	3698	3740	4.9	10.1021/acs.molpharmaceut.2c01080
623	Thabrez M., Parimalarenganayaki S., Brindha K., Elango L.	Fuzzy logic-based health risk assessment of fluoride in groundwater used as drinking source in Sira region, Tumkur, India	Environmental Geochemistry and Health					4.898	10.1007/s10653-022-01474-8
624	Bandi S., Banka J., Kumar A., Rai A.K.	Effects of sediment properties on abrasive erosion of a centrifugal pump	Chemical Engineering Science	277				4.889	10.1016/j.ces.2023.118873
625	Nath S., Kubendiran H., Mukherjee A., Kundu R.	Iron oxide-silver-curcumin nanocomposite acts against HPV16 positive cervical cancer cell siha by triggering crosstalk between autophagy and apoptosis primarily via breach in cellular redox equilibrium	Process Biochemistry	130		174	190	4.885	10.1016/j.procbio.2023.04.011

626	Lokeshkumar E., Premchand C., Manojkumar P., Shishir R., Krishna L.R., Prashanth K.G., Rameshbabu N.	Effect of electrolyte composition on the surface characteristics of plasma electrolytic oxidation coatings over Ti-40Nb alloy	Surface and Coatings Technology	465				4.865	10.1016/j.surfcoat.2023.129591
627	Revathi S., Ghatak T.	N-Heterocyclic Imine-Supported Bimetallic Cu(II) Catalyst for Azide-Alkyne Cycloaddition: Solvent-free, Reductant-free, ppm-level Catalysis to Access 1,4-Disubstituted Triazoles	Chemistry - An Asian Journal					4.839	10.1002/asia.202300156
628	Jena S., Choudhury B., Ahmad M.G., Balamurali M.M., Chanda K.	Photophysical evaluation on the electronic properties of synthesized biologically significant pyrido fused imidazo[4,5-c]quinolines	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	287				4.831	10.1016/j.saa.2022.122081
629	Pandimeena G., Mathavan T., James Jebaseelan Samuel E., Milton Franklin Benial A.	Quantum chemical, spectroscopic and molecular docking studies on methyl 2-chloro-6-methyl pyridine-4-carboxylate: A potential inhibitor for irritable bowel syndrome	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	294				4.831	10.1016/j.saa.2023.122544
630	Moharana P., Santosh G.	Amphiphilic perylene diimide-based fluorescent hemispherical aggregates as probes for metal ions	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	297				4.831	10.1016/j.saa.2023.122696

631	Anand R., Padmanabhan R.	Influence of friction stir welding process parameters and statistical behaviour of the novel interlock aluminum alloys joint with SiCp reinforcement	CIRP Journal of Manufacturing Science and Technology	45		260	270	4.8	10.1016/j.cirpj.2023.07.002
632	Ratheesh R., Nair M.S., Edwin M., Lakshmi N.V.S.S.R.	Traffic based power consumption and node deployment in green LTE-A cellular networks	Ad Hoc Networks	149				4.8	10.1016/j.adhoc.2023.103248
633	Bhuvaneshwari C., Ganesh Babu S.	Scheming the best metal tungstate laden on boron nitride: Budding en route for electrochemical sensing of ornidazole	Microchemical Journal	193				4.8	10.1016/j.microc.2023.109120
634	Thukkaram M.P., Chakravorty A., Mini A.A., Ramesh K., Grace A.N., Raghavan V.	Titanium carbide MXene and V2O5 composite-based electrochemical sensor for detection of bisphenol A	Microchemical Journal	193				4.8	10.1016/j.microc.2023.109004
635	Abduljaleel Z., Melebari S., Athar M., Dehlawi S., Udhaya Kumar S., Aziz S.A., Dannoun A.I., Malik S.M., Thasleem J., George Priya Doss C.	SARS-CoV-2 vaccine breakthrough infections (VBI) by Omicron variant (B.1.1.529) and consequences in structural and functional impact	Cellular Signalling	109				4.8	10.1016/j.cellsig.2023.110798
636	Ravindran U., Gunavathi C.	A survey on gene expression data analysis using deep learning methods for cancer diagnosis	Progress in Biophysics and Molecular Biology	177		1	13	4.799	10.1016/j.pbiomolbio.2022.08.004

637	Sekaran K., Gnanasambandan R., Thirunavukarasu R., Iyyadurai R., Karthik G., George Priya Doss C.	A systematic review of artificial intelligence-based COVID-19 modeling on multimodal genetic information	Progress in Biophysics and Molecular Biology	179		1	9	4.799	10.1016/j.pbiomolbi o.2023.02.003
638	Ma Y.-K., Dineshkumar C., Vijayakumar V., Udhayakumar R., Shukla A., Soopy Nisar K.	Hilfer fractional neutral stochastic Sobolev-type evolution hemivariational inequality: Existence and controllability☆	Ain Shams Engineering Journal					4.790	10.1016/j.asej.2023. 102126
639	Khawaja Y., Shankar N., Qiqieh I., Alzubi J., Alzubi O., Nallakaruppan M.K., Padmanaban S.	Battery management solutions for li-ion batteries based on artificial intelligence	Ain Shams Engineering Journal					4.790	10.1016/j.asej.2023. 102213
640	Mohan Rao Pannem R., Bashaveni B., Kalaiselvan S.	The effect of fly ash aggregates on the self-healing capacity of bacterial concrete	Ain Shams Engineering Journal					4.79	10.1016/j.asej.2023. 102261
641	Shoeb M., Ali Khan S., Alam T., Ashraf Ali M., Kumar Gupta N., Muslim Ansari M., Arif Kamal M., Shaik S., Eldin S.M., Dobrota D.	Dynamic stability analysis of metro tunnel in layered weathered sandstone	Ain Shams Engineering Journal					4.79	10.1016/j.asej.2023. 102258
642	Shankar Narayan S., Saha S., Bhattacharjee A., Khan M.I., Zouidi F., Eldin S.M.	Assessing the impact of hyperviscosity on stenosis shape in COVID patients	Ain Shams Engineering Journal					4.79	10.1016/j.asej.2023. 102227

643	K A., R K., G M.	Influence of AWJM parameters on surface quality of BSHC	Materials and Manufacturing Processes					4.783	10.1080/10426914.2023.2195917
644	Vivek T., Balaji K.	Heat transfer and thermal comfort analysis of thermally activated building system in warm and humid climate – A case study in an educational building	International Journal of Thermal Sciences	183				4.779	10.1016/j.ijthermalsci.2022.107883
645	chandrashekar R., BalajiKumar	Experimental investigation of thermally activated building system under the two different floor covering materials to maximize the underfloor cooling efficiency	International Journal of Thermal Sciences	188				4.779	10.1016/j.ijthermalsci.2023.108223
646	Sathish Kumar T., Ashok B.	Material compatibility of SI engine components towards corrosive effects on methanol-gasoline blends for flex fuel applications	Materials Chemistry and Physics	296				4.778	10.1016/j.matchemphys.2023.127344
647	Biradar A., Kandasamy J.	A novel preparation and characterization of electroless NiP/MWCNT composite coated UHMWPE fabric in terms of wettability, electrical conductivity, thermal stability and breaking load resistance	Materials Chemistry and Physics	299				4.778	10.1016/j.matchemphys.2023.127486

648	Manishanma S., Dutta A.	Synthesis and characterization of nickel doped LSM as possible cathode materials for LT-SOFC application	Materials Chemistry and Physics	297				4.778	10.1016/j.matchemphys.2023.127438
649	Manohar A., Vijayakanth V., Prabhakar Vattikuti S.V., Kim K.H.	Electrochemical investigation on nickel-doped spinel magnesium ferrite nanoparticles for supercapacitor applications	Materials Chemistry and Physics	301				4.778	10.1016/j.matchemphys.2023.127601
650	Md A.Q., Kulkarni S., Joshua C.J., Vaichole T., Mohan S., Iwendi C.	Enhanced Preprocessing Approach Using Ensemble Machine Learning Algorithms for Detecting Liver Disease	Biomedicines	11	2			4.757	10.3390/biomedicines11020581
651	Appadurai J.P., Suganeshwari G., Prabhu Kavin B., Kavitha C., Lai W.-C.	Multi-Process Remora Enhanced Hyperparameters of Convolutional Neural Network for Lung Cancer Prediction	Biomedicines	11	3			4.757	10.3390/biomedicines11030679
652	Veerabaku M.G., Nithiyantham J., Urooj S., Md A.Q., Sivaraman A.K., Tee K.F.	Intelligent Bi-LSTM with Architecture Optimization for Heart Disease Prediction in WBAN through Optimal Channel Selection and Feature Selection	Biomedicines	11	4			4.757	10.3390/biomedicines11041167

653	Ghosh N., Chacko L., Bhattacharya H., Vallamkondu J., Nag S., Dey A., Karmakar T., Reddy P.H., Kandimalla R., Dewanjee S.	Exploring the Complex Relationship between Diabetes and Cardiovascular Complications: Understanding Diabetic Cardiomyopathy and Promising Therapies	Biomedicines	11	4			4.757	10.3390/biomedicines11041126
654	Suganeshwari G., Appadurai J.P., Kavin B.P., Kavitha C., Lai W.- C.	En-DeNet Based Segmentation and Gradational Modular Network Classification for Liver Cancer Diagnosis	Biomedicines	11	5			4.757	10.3390/biomedicines11051309
655	Karunamurthy K., Janvekar A.A., Palaniappan P.L., Adhitya V., Lokeswar T.T.K., Harish J.	Prediction of IC engine performance and emission parameters using machine learning: A review	Journal of Thermal Analysis and Calorimetry					4.755	10.1007/s10973-022-11896-2
656	Shaik S.V., Gorantla K., Shaik S., Afzal A., Rajhi A.A., Cuce E.	Experimental and theoretical examination of the energy performance and CO2 emissions of room air conditioners utilizing natural refrigerant R290 as a substitute for R22	Journal of Thermal Analysis and Calorimetry			1	19	4.755	10.1007/s10973-022-11888-2
657	Sridharan S., Venkatraman S., Raja S.P.	A Novel Lie Hypergraph Based Lifetime Enhancement Routing Protocol for Environmental Monitoring in Wireless Sensor Networks	IEEE Transactions on Computational Social Systems			1	11	4.747	10.1109/TCSS.2023.3262273

658	Devarajan G.G., Nagarajan S.M., Amanullah S.I., Mary S.A.S.A., Bashir A.K.	AI-Assisted Deep NLP-Based Approach for Prediction of Fake News From Social Media Users	IEEE Transactions on Computational Social Systems			1	11	4.747	10.1109/TCSS.2023. 3259480
659	Roy S.S., Roy A., Samui P., Gandomi M., Gandomi A.H.	Hateful Sentiment Detection in Real-Time Tweets: An LSTM- Based Comparative Approach	IEEE Transactions on Computational Social Systems			1	10	4.747	10.1109/TCSS.2023. 3260217
660	Sengan S., Vairavasundaram S., Ravi L., AlHamad A.Q.M., Alkhazaleh H.A., Alharbi M.	Fake News Detection Using Stance Extracted Multimodal Fusion-Based Hybrid Neural Network	IEEE Transactions on Computational Social Systems			1	12	4.747	10.1109/TCSS.2023. 3269087
661	Kumar R., Singh T., Mohanty S.N., Goel R., Gupta D., Alharbi M., Khanna R.	Study on online payments and e-commerce with SOR model	International Journal of Retail and Distribution Management					4.743	10.1108/IJRDM-03- 2023-0137
662	Mamgain R., Kostic M., Singh F.V.	Synthesis and Antioxidant Properties of Organoselenium Compounds	Current Medicinal Chemistry	30	21	2421	2448	4.74	10.2174/092986732 9666220801165849
663	Vijayan K., Vijayachamundeeswar i S.P.	Effect of Chitosan on the Optical Properties of Facile Co- Precipitation Route-Prepared Silver Sulfide Nanoparticles	Journal of Polymers and the Environment					4.705	10.1007/s10924-023- 02814-0
664	Kumar A., Pandey N., Punetha D., Saha R., Chakrabarti S.	Enhancement in the Structural and Optical Properties after Incorporation of Reduced Graphene Oxide (rGO) Nanocomposite in Pristine CsSnBr ₃ for Solar Cell Application	ACS Applied Electronic Materials	5	6	3144	3153	4.7	10.1021/acsaelm.3c 00224

665	Thirumalasetty A.B., Krishnan T., Kota Venkata S.K., Adiraj S., Xavier D., Venkatachalam S., Kesava Reddy R.G., Dudekula Z., Wuppulluri M.	Strategic Design and Analysis of Energy Storage and ME Applications of Low Temperature Hybrid Microwave Sintered Electroceramic Composites	ACS Applied Electronic Materials	5	6	3120	3129	4.7	10.1021/acsaelm.3c 00190
666	Priyanka T.M.C., Serpa C., Gowrisankar A.	On the classical integral of fractal functions	Fractals	31	5			4.7	10.1142/S0218348X 23500573
667	Priyanka T.M.C., Gowrisankar A.	Construction of new affine and non-affine fractal interpolation functions through the Weyl-Marchaud derivative	Fractals	31	5			4.7	10.1142/S0218348X 2350041X
668	Gnanasambanthan H., Maji D.	Development of a Flexible and Wearable Microelectrode Array Patch Using a Screen- Printed Masking Technique for Accelerated Wound Healing	ACS Applied Electronic Materials					4.7	10.1021/acsaelm.3c 00637
669	Beirag N., Varghese P.M., Neto M.M., Al Aiyana A., Khan H.A., Qablan M., Shamji M.H., Sim R.B., Temperton N., Kishore U.	Complement Activation- Independent Attenuation of SARS-CoV-2 Infection by C1q and C4b-Binding Protein	Viruses	15	6			4.7	10.3390/v15061269

670	Ramadevi A., Srilakshmi K., Balachandran P.K., Colak I., Dhanamjayulu C., Khan B.	Optimal Design and Performance Investigation of Artificial Neural Network Controller for Solar-and Battery-Connected Unified Power Quality Conditioner	International Journal of Energy Research	2023				4.672	10.1155/2023/3355 124
671	Shekhar S.K.	Schizophrenia and COVID-19: A bibliometric analysis of trends and themes	Schizophrenia Research	254		35	36	4.662	10.1016/j.schres.202 3.02.013
672	Balech R., Maalouf F., Patil S.B., Rajendran K., Abou Khater L., Rubiales D., Kumar S.	Assessing the Stability of Herbicide-Tolerant Lentil Accessions (<i>Lens culinaris</i> Medik.) under Diverse Environments	Plants	12	4			4.658	10.3390/plants1204 0854
673	Ernst D., Kolenčík M., Šebesta M., Ďurišová L., Ďúranová H., Kšiňan S., Illa R., Safarik I., Černý I., Kratošová G., Žitniak Čurná V., Ivanič Porhajašová J., Babošová M., Feng H., Dobročka E., Bujdoš M., Pospiskova K.Z., Afzal S., Singh N.K., Swamiappan S., Aydın E.	Agronomic Investigation of Spray Dispersion of Metal- Based Nanoparticles on Sunflowers in Real-World Environments	Plants	12	9			4.658	10.3390/plants1209 1789

674	Dasgupta T., Manickam V.	Fibrosis in Liver and Pancreas: a Review on Pathogenic Significance, Diagnostic Options, and Current Management Strategies	Inflammation					4.657	10.1007/s10753-022- 01776-0
675	Palanisamy S., Kareem A., Shyma A.P., Thenmozhi K., Eswaramoorthy N., Ponnusamy V.K., Senthilkumar S.	Synergistic Reductive Electrolysis Mixture Additive- Based Dual-Cell Configuration: An Effective Approach for High-Performance Aqueous Aluminum-Air Battery	Energy and Fuels	37	7	5556	5566	4.654	10.1021/acs.energyf uels.3c00090
676	Nallabala N.K.R., Kushvaha S.S., Kumari A., Singh V.R., Verma V.K., Kaleemulla S., Singh L.P., Jilani S.A.K., Vattikuti S.V.P., Bakash K.R., Sambasivam S., Shim J.	Self-powered and improved photoresponsive broadband photodetecting sensors using Au/NiFe ₂ O ₄ /p-Si heterojunction architecture	Materials Science in Semiconductor Processing	156				4.644	10.1016/j.mssp.2022 .107266
677	Talib M., Manzoor S., Sharma P., Tripathi N., Platonov V., Pavelyev V., Volkov V.S., Arsenin A.V., Syuy A.V., Hasan P.M.Z., Melaibari A.A., Mishra P.	Development of high- performance broadband optical detector for cryogenic to elevated operating temperature	Materials Science in Semiconductor Processing	158				4.644	10.1016/j.mssp.2023 .107364

678	Manohar A., Vijayakanth V., Prabhakar Vattikuti S.V., Kim K.H.	Electrochemical energy storage and photoelectrochemical performance of Ni1- XZnXFe2O4 nanoparticles	Materials Science in Semiconductor Processing	157				4.644	10.1016/j.mssp.2023 .107338
679	Prabu R.T., Sahoo S., Valarmathi K., Raj A.G.S., Ranjan P., Kumar A., Laref A.	CsPbI3 perovskite solar cell and decoding its skink feature in J-V curve	Materials Science in Semiconductor Processing	162				4.644	10.1016/j.mssp.2023 .107539
680	Teng B., Yu X.-F., Li J., Udduttula A., Ismayil A., Huang X., Li J., Zhao P.-Y., Kerem G., Long J., Liu C., Ren P.- G.	Cervical vertebrae for early bone loss evaluation in osteoporosis mouse models	Quantitative Imaging in Medicine and Surgery	13	4	2466	2477	4.63	10.21037/qims-22- 717
681	T P., V S.	Identification of Alzheimer's Disease by Imaging: A Comprehensive Review	International Journal of Environmental Research and Public Health	20	2			4.614	10.3390/ijerph2002 1273
682	Selvi R., Maurya D.K., Shukla P.	Analytical solution of a couple stress fluid saturated in a porous medium through a Reiner-Rivlin liquid sphere	Physics of Fluids	35	7			4.6	10.1063/5.0149507
683	Pankaj, Kumar A., Kumar M., Komaragiri R.	Optimized deep neural network models for blood pressure classification using Fourier analysis-based time–frequency spectrogram of photoplethysmography signal	Biomedical Engineering Letters					4.6	10.1007/s13534-023- 00296-6

684	Ajithkumar M., Lakshminarayana P., Vajravelu K.	Peristaltic transport of MHD Ree-Eyring fluid through a flexible channel under the influence of activation energy	Physics of Fluids	35	6			4.6	10.1063/5.0153716
685	Bora S.N., Das S., Meylan M.H., Saha S., Zheng S.	Time-dependent water wave scattering by a marine structure consisting of an array of compound porous cylinders	Physics of Fluids	35	7			4.6	10.1063/5.0147809
686	Deka N., Bera A., Roy D., De P.	Unraveling the role of counter anions on optical and microwave absorption characteristics of flexible copolymers	Polymer	282				4.6	10.1016/j.polymer.2 023.126158
687	Shetgaonkar S.E., Jothish S., Dohi T., Singh F.V.	Iodine(V)-Based Oxidants in Oxidation Reactions	Molecules	28	13			4.6	10.3390/molecules2 8135250
688	Ganesan S., Ramajayam K., Kokulnathan T., Palaniappan A.	Recent Advances in Two- Dimensional MXene-Based Electrochemical Biosensors for Sweat Analysis	Molecules	28	12			4.6	10.3390/molecules2 8124617

689	de Barros N.R., Darabi M.A., Ma X., Diltemiz S.E., Ermis M., Hassani Najafabadi A., Nadine S., Banton E.A., Mandal K., Abbasgholizadeh R., Falcone N., Mano J.F., Nasiri R., Herculano R.D., Zhu Y., Ostrovidov S., Lee J., Kim H.-J., Hosseini V., Dokmeci M.R., Ahadian S., Khademhosseini A.	Enhanced Maturation of 3D Bioprinted Skeletal Muscle Tissue Constructs Encapsulating Soluble Factor-Releasing Microparticles	Macromolecular Bioscience					4.6	10.1002/mabi.202300276
690	Illakiya T., Ramamurthy K., Siddharth M.V., Mishra R., Udainiya A.	AHANet: Adaptive Hybrid Attention Network for Alzheimer's Disease Classification Using Brain Magnetic Resonance Imaging +	Bioengineering	10	6			4.6	10.3390/bioengineering10060714
691	Srinivasan S., Gunasekaran S., Mathivanan S.K., M. B B.A.M., Jayagopal P., Dalu G.T.	An active learning machine technique based prediction of cardiovascular heart disease from UCI-repository database	Scientific Reports	13	1			4.6	10.1038/s41598-023-40717-1
692	Baruah S., Rani B., Sahu N.K.	Facile synthesis of PEG-glycerol coated bimetallic FePt nanoparticle as highly efficient electrocatalyst for methanol oxidation	Scientific Reports	13	1			4.6	10.1038/s41598-023-38358-5

693	Das T., Bandekar S.R., Srivastav A.K., Srivastava P.K., Ghosh M.	Role of immigration and emigration on the spread of COVID-19 in a multipatch environment: a case study of India	Scientific Reports	13	1			4.6	10.1038/s41598-023-37192-z
694	Madhavan S., Raunak Devdatta P.B., Konda Y.R., Gundabattini E., Mystkowski A., Palka R., Wardach M., Prajzendanc P.	Thermal management analyses of induction motor through the combination of air-cooling and an integrated water-cooling system	Scientific Reports	13	1			4.6	10.1038/s41598-023-36989-2
695	Ricky R., Shanthakumar S.	An investigation on removal of ciprofloxacin and norfloxacin by phycoremediation with an emphasis on acute toxicity and biochemical composition	Scientific reports	13	1	13911		4.6	10.1038/s41598-023-41144-y
696	Siva P., Thennarasi A., Yalambaku R., Ghanashyam Krishna M., Vasu K.	Pseudocapacitive charge storage behavior of cation-doped WS ₂ nanosheets electrode	Journal of Electroanalytical Chemistry	941				4.598	10.1016/j.jelechem.2023.117527
697	Koner S., Florance I., Mukherjee A., Chandrasekaran N.	Cellular response of THP-1 macrophages to polystyrene microplastics exposure	Toxicology	483				4.571	10.1016/j.tox.2022.153385
698	Rekha K., Vizhi R.E.	Exploring the structural, magnetic and magnetothermal properties of (CoFe ₂ O ₄) _x /(Ni _{0.8} Zn _{0.2} Fe ₂ O ₄) _{1-x} nanocomposite ferrites	Results in Physics	44				4.565	10.1016/j.rinp.2022.106139

699	Abarna S.T., Ezhil Vizhi R., Harikrishnan V.	Examining the structural, magnetic and dielectric properties of exchange spring nanocomposite magnets comprising Ba _{0.5} Sr _{0.5} Fe ₁₂ O ₁₉ and Zn _{0.5} Co _{0.5} Fe ₂ O ₄	Results in Physics	48				4.565	10.1016/j.rinp.2023.106419
700	Panda S.K., Nisar K.S., Vijayakumar V., Hazarika B.	Solving existence results in multi-term fractional differential equations via fixed points	Results in Physics	51				4.565	10.1016/j.rinp.2023.106612
701	Jose J., Kumar Hotta T.	A comprehensive review of heat pipe: Its types, incorporation techniques, methods of analysis and applications	Thermal Science and Engineering Progress	42				4.56	10.1016/j.tsep.2023.101860
702	Chunduri R.K., Cherukuri A.K.	Distributed three-way formal concept analysis for large formal contexts	Journal of Parallel and Distributed Computing	171		141	156	4.542	10.1016/j.jpdc.2022.09.011
703	Altaf M.A., Sharma N., Srivastava D., Mandal S., Adavi S., Jena R., Bairwa R.K., Gopalakrishnan A.V., Kumar A., Dey A., Lal M.K., Tiwari R.K., Kumar R., Ahmed P.	Deciphering the melatonin-mediated response and signalling in the regulation of heavy metal stress in plants	Planta	257	6			4.54	10.1007/s00425-023-04146-8

704	Mukherjee A.G., Wanjari U.R., Gopalakrishnan A.V., Kannampuzha S., Murali R., Namachivayam A., Ganesan R., Renu K., Dey A., Vellingiri B., Prabakaran D.S.	Exploring the Molecular Pathogenesis, Pathogen Association, and Therapeutic Strategies against HPV Infection	Pathogens	12	1			4.531	10.3390/pathogens1 2010025
705	Gainor K., Fortuna Y.C., Alakkaparambil A.S., González W., Malik Y.S., Ghosh S.	Detection and Complete Genomic Analysis of Porcine circovirus 3 (PCV3) in Diarrheic Pigs from the Dominican Republic: First Report on PCV3 from the Caribbean Region	Pathogens	12	2			4.531	10.3390/pathogens1 2020250
706	Basu S., Ashok G., Debroy R., Ramaiah S., Livingstone P., Anbarasu A.	Impact of the COVID-19 pandemic on routine vaccine landscape: A global perspective	Human Vaccines and Immunotherapeu tics					4.526	10.1080/21645515.2 023.2199656
707	Mehmood Khan F., Manohar P., Singh Gondil V., Mehra N., Kayode Oyejobi G., Odiwuor N., Ahmad T., Huang G.	The applications of animal models in phage therapy: An update	Human Vaccines and Immunotherapeu tics	19	1			4.526	10.1080/21645515.2 023.2175519
708	Das S., Chandrasekaran N., Mukherjee A.	Unmasking effects of masks: Microplastics released from disposable surgical face masks induce toxic effects in microalgae <i>Scenedesmus obliquus</i> and <i>Chlorella</i> sp.	Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology	267				4.520	10.1016/j.cbpc.2023 .109587

709	Haridevamuthu B., Raj D., Kesavan D., Muthuraman S., Kumar R.S., Mahboob S., Al-Ghanim K.A., Almutairi B.O., Arokiyaraj S., Gopinath P., Arockiaraj J.	Trihydroxy piperlongumine protects aluminium induced neurotoxicity in zebrafish: Behavioral and biochemical approach	Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology	268				4.52	10.1016/j.cbpc.2023.109600
710	Raghavan S.S.R., Andrews N.G., Sellappan R.	Carbon-Protected BiVO ₄ —Cu ₂ O Thin Film Tandem Cell for Solar Water Splitting Applications	Catalysts	13	1			4.501	10.3390/catal13010144
711	Davanagere P.M., De M., Chanda K., Maiti B.	Diastereo- and Enantioselective Synthesis of Highly Functionalized Tetrahydropyridines by Recyclable Novel Bifunctional C ₂ -Symmetric Ionic Liquid-Supported (S)-Proline Organocatalyst	Catalysts	13	1			4.501	10.3390/catal13010209
712	Rajasekaran S.J., Grace A.N., Jacob G., Alodhayb A., Pandiaraj S., Raghavan V.	Investigation of Different Aqueous Electrolytes for Biomass-Derived Activated Carbon-Based Supercapacitors	Catalysts	13	2			4.501	10.3390/catal13020286

713	Manjupriya R., Roopan S.M.	Unveiling the Photocatalytic Activity of Carbon Dots/g-C ₃ N ₄ Nanocomposite for the O-Arylation of 2-Chloroquinoline-3-carbaldehydes	Catalysts	13	2			4.501	10.3390/catal13020308
714	Saha S., Das S., Bora S.N.	Trapped waves within the blocking frequency under compressed sea ice and two-dimensional current	Marine Structures	87				4.500	10.1016/j.marstruc.2022.103336
715	Yeswanth Sai T., Jagadeesh P.	Mechanical and microstructural properties of ultrafine slag cement mortar reinforced with graphene oxide nanosheets	Carbon Letters					4.5	10.1007/s42823-023-00571-7
716	Ramu S.P., Srivastava G., Chengoden R., Victor N., Maddikunta P.K.R., Gadekallu T.R.	The Metaverse for Cognitive Health: A Paradigm Shift	IEEE Consumer Electronics Magazine			1	6	4.5	10.1109/MCE.2023.3289034
717	Ramajayam K., Ganesan S., Ramesh P., Beena M., Kokulnathan T., Palaniappan A.	Molecularly Imprinted Polymer-Based Biomimetic Systems for Sensing Environmental Contaminants, Biomarkers, and Bioimaging Applications	Biomimetics	8	2			4.5	10.3390/biomimetics8020245

718	Sekar A., Binoy B.V., Alshetty D., N M.K., Kuttiparichel Varghese G., Varma R.	Health risk associated with exposure to particulate matter and volatile organic compounds among two-wheeler delivery personnel in Ghaziabad, India	Atmospheric Pollution Research	14	7			4.5	10.1016/j.apr.2023.101806
719	Adhikari M., Hazra A., Nandy S.	Deep Transfer Learning for Communicable Disease Detection and Recommendation in Edge Networks	IEEE/ACM Transactions on Computational Biology and Bioinformatics	20	4	2468	2479	4.5	10.1109/TCBB.2022.3180393
720	Ahmad T., Li X.J., Cherukuri A.K., Kim K.-I.	Hierarchical localization algorithm for sustainable ocean health in large-scale underwater wireless sensor networks	Sustainable Computing: Informatics and Systems	39				4.5	10.1016/j.suscom.2023.100902
721	Begum S.R., Chandrasekhar A.	Opportunities and Challenges in Power Management Systems for Triboelectric Nanogenerators	ACS Applied Electronic Materials	5	3	1347	1375	4.494	10.1021/acsaelm.2c01505
722	Islam M.S., Hasan M.K., Islam M.R., Chowdhury M.K., Pramanik M.H., Iqbal M.A., Rajendran K., Iqbal R., Soufan W., Kamran M., Liyun L., El Sabagh A.	Water relations and yield characteristics of mungbean as influenced by foliar application of gibberellic acid (GA3)	Frontiers in Ecology and Evolution	11				4.493	10.3389/fevo.2023.1048768

723	Chandrasekaran F.P., Vishal A., Arora U., Kumar S. U., George C. P.D., Nelson E.J.R.	Molecular dynamics simulations corroborate recombinant expression studies carried out on three α IIb β -propeller mutations reported in Indian Glanzmann thrombasthenia patients	Journal of Cellular Biochemistry					4.48	10.1002/jcb.30423
724	Gopikrishnan M., Ramireddy S., Varghese R.P., Bakathavatchalam Y.D., Thirumal Kumar D., Manesh A., Walia K., Veeraraghavan B., George Priya Doss C.	Determination of potential combination of non- β -lactam, β -lactam, and β -lactamase inhibitors/ β -lactam enhancer against class D oxacillinases producing <i>Acinetobacter baumannii</i> : Evidence from in-vitro, molecular docking and dynamics simulation	Journal of Cellular Biochemistry					4.48	10.1002/jcb.30424
725	Shobana N., Prakash P., Samrot A.V., Saigeetha S., Sathiyasree M., Thirugnanasambanda m R., Visvanathan S., Mohanty B.K., Sabesan G.S., Dhiva S., Remya R.R., Pachiyappan S., Wilson S.	Evaluation of the Toxic Effect of <i>Bauhinia purpurea</i> Mediated Synthesized Silver Nanoparticles against In-vitro and In-vivo Models	Toxics	11	1			4.472	10.3390/toxics11010009

726	Gabhane L.R., Kanidarapu N.	Threat and Risk Analysis- Based Neural Network for a Chemical Explosion (TRANCE) Model to Predict Hazards in Petroleum Refinery	Toxics	11	4			4.472	10.3390/toxics11040 350
727	Gabhane L.R., Kanidarapu N.	Environmental Risk Assessment Using Neural Network in Liquefied Petroleum Gas Terminal	Toxics	11	4			4.472	10.3390/toxics11040 348
728	Banik J., Chakraborty D., Rizwan M., Shaik A.H., Chandan M.R.	Review on disposal, recycling and management of waste polyurethane foams: A way ahead	Waste Management and Research					4.432	10.1177/0734242X2 21146082
729	Odayappan A., Sivakumar P., Kotawala S., Raman R., Nachiappan S., Pachiyappan A., Venkatesh R.	Comparison of a New Head Mount Virtual Reality Perimeter (C3 Field Analyzer) with Automated Field Analyzer in Neuro-Ophthalmic Disorders	Journal of Neuro- Ophthalmology	43	2	232	236	4.415	10.1097/WNO.0000 000000001714
730	Mohan P., Neelakandan S., Mardani A., Maurya S., Arulkumar N., Thangaraj K.	Eagle Strategy Arithmetic Optimisation Algorithm with Optimal Deep Convolutional Forest Based FinTech Application for Hyper- automation	Enterprise Information Systems					4.407	10.1080/17517575.2 023.2188123
731	Shukla R., Kumar R.R., Punetha D., Pandey S.K.	Design Perspective, Fabrication, and Performance Analysis of Formamidinium Tin Halide Perovskite Solar Cell	IEEE Journal of Photovoltaics			1	7	4.401	10.1109/JPHOTOV.2 023.3241793

732	Sakhnini J., Karimipour H., Dehghantanha A., Yazdinejad A., Gadekallu T.R., Victor N., Islam A.	A Generalizable Deep Neural Network Method for Detecting Attacks in Industrial Cyber-Physical Systems	IEEE Systems Journal			1	9	4.4	10.1109/JSYST.2023.3286375
733	Chakrabarti S.	Can a variation of fine structure constant influence the fate of gravitational collapse?	European Physical Journal C	83	8			4.4	10.1140/epjc/s10052-023-11877-1
734	Manikandan R., Selvaraj R., Singh R.R.	Voltage Signature based Open Circuit Switch Fault Diagnosis Strategy for IM Drives with MPC	IEEE Transactions on Industry Applications			1	12	4.4	10.1109/TIA.2023.3305340
735	Ganesh N.S., Maheswari G.U., Srinivas T., Reddy B.V.	Assessment of novel Kalina power system through exergoenvironmental perspective	Journal of Thermal Analysis and Calorimetry					4.4	10.1007/s10973-023-12391-y
736	Muniasamy R., Manjubala I.	Identification of potential sclerostin inhibiting flavonoids from Oroxyllum indicum: an insilico approach	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2023.2239955
737	Firoz A., Talwar P.	Role of death-associated protein kinase 1 (DAPK1) in retinal degenerative diseases: an in-silico approach towards therapeutic intervention	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2023.2227720
738	Adhish M., Manjubala I.	An in-silico approach to the potential modulatory effect of taurine on sclerostin (SOST) and its probable role during osteoporosis	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2023.2249103

739	Chatterjee P., Banerjee S.	Evaluating chemotherapeutic potential of soya-isoflavonoids against high penetrance genes in triple-negative breast cancer	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2023.2243352
740	Sundararajan S., Karunakaran K., Muniyan R.	Structure based virtual screening and discovery of novel inhibitors against FabD protein of Mycobacterium tuberculosis	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2023.2233622
741	Ray S., Gupta S., Panda G., Chatterjee P., Das A., Patawri P., Hosseinzadeh P., Ray A., Banerjee S.	Identification of pseudobaptigenin as a novel polyphenol-based multi-target antagonist of different hormone receptors for breast cancer therapeutics	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2023.2226750
742	El Bakri Y., Karthikeyan S., Lai C.-H., Bakhite E.A., Ahmad I., Abdel-Rahman A.E., Abuelhassan S., Marae I.S., Mohamed S.K., Mague J.T.	New tetrahydroisoquinoline-4-carbonitrile derivatives as potent agents against cyclin-dependent kinases, crystal structures, and computational studies	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2023.2224899
743	Priyamvada P., Ramaiah S.	Pan-genome and reverse vaccinology approaches to design multi-epitope vaccine against Epstein-Barr virus associated with colorectal cancer	Immunologic Research					4.4	10.1007/s12026-023-09403-2

744	Kumar Sishu N., Das U., Immanuel Selvaraj C.	Indian jujube a potential fruit tree to improve the livelihood	Saudi Journal of Biological Sciences	30	9			4.4	10.1016/j.sjbs.2023.103769
745	Dhanalakshmi R., Samanta S., Sivaraman A.K., Lee J.G., Balasundaram A., Tanaji S.S., Ravindran P.	Multi-attribute Group Decision-making Based on Hesitant Bipolar-valued Fuzzy Information and Social Network	Computer Systems Science and Engineering	44	3	1939	1950	4.397	10.32604/csse.2023.026254
746	Sharma H., Rajagopal K., Gugapriya G., Pareek R., Kumar A., Alshahrani H.M., Nour M.K., Mahgoub H., Mousa M., Hilal A.M.	Peak-Average-Power Ratio Techniques for 5G Waveforms Using D-SLM and D-PTS	Computer Systems Science and Engineering	45	2	1199	1210	4.397	10.32604/csse.2023.030909
747	Harshini V., Dhanwin T., Shahina A., Safiyyah N., Khan A.N.	Efficient Authentication System Using Wavelet Embeddings of Otoacoustic Emission Signals	Computer Systems Science and Engineering	45	2	1851	1867	4.397	10.32604/csse.2023.028136
748	Venkatesh A., Asha S.	DERNNet: Dual Encoding Recurrent Neural Network Based Secure Optimal Routing in WSN	Computer Systems Science and Engineering	45	2	1375	1392	4.397	10.32604/csse.2023.030944
749	Rajagopal Reddy N., Khan M.Z., Sharief Basha S., Alahmadi A., Alahmadi A.H., Chowdhary C.L.	The Laplacian Energy of Hesitancy Fuzzy Graphs in Decision-Making Problems	Computer Systems Science and Engineering	44	3	2637	2653	4.397	10.32604/csse.2023.029255

750	Shelke M.B., Lee J.G., Samanta S., Deshmukh S.N., Bhalke Daulappa G., Mannade R.B., Sivaraman A.K.	An Ensemble Based Approach for Sentiment Classification in Asian Regional Language	Computer Systems Science and Engineering	44	3	2457	2468	4.397	10.32604/csse.2023.027979
751	Swain B.K., Khan M.Z., Chowdhary C.L., Alsaeedi A.	SRC: Superior Robustness of COVID-19 Detection from Noisy Cough Data Using GFCC	Computer Systems Science and Engineering	46	2	2337	2349	4.397	10.32604/csse.2023.036192
752	Patil A.S., Sundari G., Sivaraman A.K.	Comparative Analysis of Execution of CNN-Based Sanguine Data Transmission with LSB-SS and PVD-SS	Computer Systems Science and Engineering	46	2	1707	1721	4.397	10.32604/csse.2023.034270
753	Ravikumar A., Sriraman H.	A Novel Mixed Precision Distributed TPU GAN for Accelerated Learning Curve	Computer Systems Science and Engineering	46	1	563	578	4.397	10.32604/csse.2023.034710
754	Ibrahim A.Z., Prakash P., Sakthivel V., Prabu P.	Integrated Approach of Brain Disorder Analysis by Using Deep Learning Based on DNA Sequence	Computer Systems Science and Engineering	45	3	2447	2460	4.397	10.32604/csse.2023.030134
755	Reddy N.R., Basha S.S.	The Correlation Coefficient of Hesitancy Fuzzy Graphs in Decision Making	Computer Systems Science and Engineering	46	1	579	596	4.397	10.32604/csse.2023.034527
756	Deepa D., Jothi K.R.	Classification of Request-Based Mobility Load Balancing in Fog Computing	Computer Systems Science and Engineering	46	1	137	151	4.397	10.32604/csse.2023.032485
757	Shanmugam L., Joo Y.H.	Adaptive neural networks-based integral sliding mode control for T-S fuzzy model of delayed nonlinear systems	Applied Mathematics and Computation	450				4.397	10.1016/j.amc.2023.127983

758	Das T., Anand U., Pal T., Mandal S., Kumar M., Radha, Gopalakrishnan A.V., Lastra J.M.P.D.L., Dey A.	Exploring the potential of CRISPR/Cas genome editing for vegetable crop improvement: An overview of challenges and approaches	Biotechnology and Bioengineering					4.395	10.1002/bit.28344
759	Devi S.B., Navamathavan R.	One-Step Hydrothermal Synthesis of Cobalt Sulfide/E-Waste Derived Activated Carbon Nanocomposite as a Bifunctional Electrocatalyst for Overall Water-Splitting	Journal of the Electrochemical Society	170	2			4.386	10.1149/1945-7111/acb84d
760	Saikrithika S., Premkumar J., Rajagopal D., Huh Y.S., Kumar A.S.	In Situ Electro-organic Synthesis and Functionalization of Catechol Derivative on Carbon Black and Its Interference-free Voltammetric pH Sensor Application *	Journal of the Electrochemical Society	170	3			4.386	10.1149/1945-7111/acbfe5
761	Kumar A.S., Saikrithika S., Yesudas Y.K.	In Situ Prussian Blue-Electrocatalyst Formation on Intrinsic Iron-Containing Pristine-MWCNT as a Template and Its EQCM and SECM Interrogations and Batch Injection Analysis of Hydrogen Peroxide	Journal of the Electrochemical Society	170	5			4.386	10.1149/1945-7111/acd228

762	Bora A., Sharma R., Gupta I., Singh M., Mukherjea N., Bhatia Y.R., Chadha U., Bhardwaj P., Latha S., Chakravorty A.	Review—Magneto-Electrochemical-based Biosensors Devices for Recognition of Tumour Vesicles from Blood Plasma	Journal of the Electrochemical Society	170	5			4.386	10.1149/1945-7111/acd350
763	Dubey V., Mishra A.K., Ghosh A.R.	Appraisal of the Possible Role of PPAR γ Upregulation by CLA of Probiotic <i>Pediococcus pentosaceus</i> GS4 in Colon Cancer Mitigation	PPAR Research	2023				4.385	10.1155/2023/9458308
764	Prabhakaran Shyma A., Sellappan R.	Synergistic performance of Zn ²⁺ incorporated bimetallic Cobalt sulfide for the hydrogen evolution reaction in an alkaline medium	Journal of Physics and Chemistry of Solids	178				4.383	10.1016/j.jpccs.2023.111332
765	Senthilkumar P., Arthur M.P.	A review of intelligent models for mapping city development and urban flooding	Land Degradation and Development					4.377	10.1002/ldr.4742
766	Ratnam M.V., Akilamudhan P., Kumar K.S., Reddy S.N., Rao K.N., Shaik F., Prasad D.M.R.	Carbon-Based Nano-adsorbents for the Removal of Emerging Pollutants	Adsorption Science and Technology	2023				4.373	10.1155/2023/3579165
767	Vignesh V., Muthukumar M.	Experimental and numerical study of group effect on the behavior of helical piles in soft clays under uplift and lateral loading	Ocean Engineering	268				4.372	10.1016/j.oceaneng.2022.113500

768	Rubesh Raja V., Ponnusamy P.	Numerical modelling of nonlinear baffles on sloshing suppression of rectangular tanks under horizontal excitation	Ocean Engineering	267				4.372	10.1016/j.oceaneng.2022.113277
769	Muniyappan M., Mohanty S.K.	The role of blocking dynamics and current on wave scattering due to finite floating elastic plate	Ocean Engineering	282				4.372	10.1016/j.oceaneng.2023.114985
770	Selvaraj R., Subramani M., Ramamoorthy M.	Vibration characteristics and optimal design of composite sandwich beam with partially configured hybrid MR-Elastomers	Mechanics Based Design of Structures and Machines	51	4	2200	2216	4.364	10.1080/15397734.2021.1891548
771	Nachiappan Sevugan A., Murugan H., Ramamoorthy M., Rajamohan V.	Modeling and analysis of tapered composite beams with piezoelectric energy harvester: Numerical and experimental investigations	Mechanics Based Design of Structures and Machines					4.364	10.1080/15397734.2023.2172031
772	Azeez E. P A., Negi D.P., Mishra N., Sharma J., Nair A.S., Mathew M.	“Life after him was just hell”: Young rural women’s lived experiences of widowhood in Rajasthan, India	Death Studies					4.340	10.1080/07481187.2023.2171160
773	Nabavi S.R., Wang Z., Rangaiah G.P.	Sensitivity Analysis of Multi-Criteria Decision-Making Methods for Engineering Applications	Industrial and Engineering Chemistry Research	62	17	6707	6722	4.326	10.1021/acs.iecr.2c04270
774	Shah A.H., Patel P.N.	Embroidered Annular Elliptical E-Textile Antenna Sensor for Knee Effusion Diagnosis	IEEE Sensors Journal			1	1	4.325	10.1109/JSEN.2023.3239783

775	Sreekanth P.K., Jindal S.K.	Formulation analysis and follow up study of differential MEMS touch mode sensor utilizing capacitive vacuum gauge framework for low pressure measurements	IEEE Sensors Journal			1	1	4.325	10.1109/JSEN.2023.3251379
776	Halder S., Bhuyana S., Tripathy A., Zaabi O.A., Swain B., Muduli U.R.	Development of a Capacitive Temperature Sensor Using a Lead-Free Ferroelectric Bi(Fe ₂ /3Ta ₁ /3)O ₃ Ceramic	IEEE Sensors Journal			1	1	4.325	10.1109/JSEN.2023.3277795
777	Aravindan M., Alex J.S.R., Shwetha S., Varsha Sri S., Annis Fathima A., Reena Prabha Kokila P.	Fetal Health Assessment through Remote Fetal Phonocardiography and Electrohysterography: Wearable Wireless Device using Shakti Processor	IEEE Sensors Journal			1	1	4.325	10.1109/JSEN.2023.3278841
778	Gupta M., Sathish Kumar B.	Lightweight Secure Session Key Protection, Mutual Authentication and Access Control (LSSMAC) for WBAN assisted IoT NetWork	IEEE Sensors Journal			1	1	4.3	10.1109/JSEN.2023.3295381
779	Karthikeyan C., Rajesh Kumar T., Vijendra Babu D., Baskar M., Jayaraman R., Shahid M.	Speech enhancement approach for body-conducted unvoiced speech based on Taylor–Boltzmann machines trained DNN	Computer Speech and Language	83				4.3	10.1016/j.csl.2023.101549

780	Zhuang Y., Wang C., Zheng W., Victor N., Gadekallu T.R.	ERACMA: Expressive and Revocable Access Control With Multi-Authority for AIoT-Enabled Human Centric Consumer Electronics	IEEE Transactions on Consumer Electronics			1	1	4.3	10.1109/TCE.2023.3306752
781	Kumar N., Sirish Kumar P., Victor N., Gadekallu T.R., Mohiddin M.K., Tiwari S., Minchula V.K.	Development of a double resampling based least-squares particle filter for accurate position estimation of a GPS receiver in Visakhapatnam region of the Indian subcontinent	IEEE Sensors Journal			1	1	4.3	10.1109/JSEN.2023.3301709
782	Sarma S.S., Sachan A., Hazra R., Talukdar F., Mukherjee A., Chatterjee P., Al-Numay W.	D2D communication in a 5G mm-Wave cellular network for wireless sensor networks	IEEE Sensors Journal			1	1	4.3	10.1109/JSEN.2023.3300586
783	Sunil Z., Thomas J., Mukherjee A., Chandrasekaran N.	Microplastics and leachate materials from pharmaceutical bottle: An in vivo study in Donax faba (Marine Clam)	Environmental Toxicology and Pharmacology	101				4.3	10.1016/j.etap.2023.104205
784	Gopinath M., Marimuthu R.	Comparative study of hydrogen production from seawater and groundwater using PV-TEG	Clean Technologies and Environmental Policy					4.3	10.1007/s10098-023-02569-1

785	Lakshminarayanan K., Shah R., Daulat S.R., Moodley V., Yao Y., Madathil D.	The effect of combining action observation in virtual reality with kinesthetic motor imagery on cortical activity	Frontiers in Neuroscience	17				4.3	10.3389/fnins.2023.1201865
786	Ramu V., Lakshminarayanan K.	Enhanced motor imagery of digits within the same hand via vibrotactile stimulation	Frontiers in Neuroscience	17				4.3	10.3389/fnins.2023.1152563
787	Ramakrishnan K., Ajitha B., Ashok Kumar Reddy Y.	Review on metal sulfide-based nanostructures for photodetectors: From ultraviolet to infrared regions	Sensors and Actuators A: Physical	349				4.291	10.1016/j.sna.2022.114051
788	Gengan S., Gnanamuthu R.M., Sankaranarayanan S., Reddy V.M., Marepally B.C., Biroju R.K.	Electrochemical modified Pt nanoflower @ rGO for non-enzymatic electrochemical sensing of glucose	Sensors and Actuators A: Physical	353				4.291	10.1016/j.sna.2023.114232
789	Uma S., Shobana M.K.	Metal oxide semiconductor gas sensors in clinical diagnosis and environmental monitoring	Sensors and Actuators A: Physical	349				4.291	10.1016/j.sna.2022.114044
790	Gunasekhar R., Anand Prabu A.	Polyvinylidene fluoride/aromatic hyperbranched polyester 2nd generation based triboelectric sensor for polysomnographic and health monitoring applications	Sensors and Actuators A: Physical	355				4.291	10.1016/j.sna.2023.114311

791	Javali P.S., Sekar M., Kumar A., Thirumurugan K.	Dynamics of redox signaling in aging via autophagy, inflammation, and senescence	Biogerontology					4.284	10.1007/s10522-023-10040-3
792	Chander S., Vijaya P., Fernandes R., Rodrigues A.P., R M.	Dolphin-political optimized tversky index based feature selection in spark architecture for clustering big data	Advances in Engineering Software	176				4.255	10.1016/j.advengsoft.2022.103331
793	Nagarajan A., M P G.	Hybrid Optimization-Enabled Deep Learning for Indoor Object Detection and Distance Estimation to Assist Visually Impaired Persons	Advances in Engineering Software	176				4.255	10.1016/j.advengsoft.2022.103362
794	Debroy R., Ramaiah S.	Translational protein RpsE as an alternative target for novel nucleoside analogues to treat MDR Enterobacter cloacae ATCC 13047: network analysis and molecular dynamics study	World Journal of Microbiology and Biotechnology	39	7			4.253	10.1007/s11274-023-03634-z
795	Thirumalaisamy K., Reddy A.S.	Numerical computation on MHD natural convective ternary nanofluid flow and heat transfer in a porous square cavity: Marker-and-cell technique	International Journal of Numerical Methods for Heat and Fluid Flow					4.2	10.1108/HFF-04-2023-0167

796	Sudha K.S., Jeyanthi N.	Merkle hash tree improved strongly constrained discrete hashing function-based authentication scheme for enabling security for smart home IoT applications	Peer-to-Peer Networking and Applications					4.2	10.1007/s12083-023-01527-4
797	Musthafa B., Asokan M.A.	An experimental evaluation of cetane improving techniques for enhancing the performance and emission trade-off in diesel engine: A comparative study	Energy and Environment					4.2	10.1177/0958305X231193866
798	Sreedharan R., Gandhi T.	Brønsted Base Prompted sp ³ C-H Latent Nucleophiles to Access α -Branched Amines Bearing β -Carbonyl by Cleaving Amide and Ester Bonds	Journal of Organic Chemistry					4.198	10.1021/acs.joc.3c00455
799	Agrawal R., Faujdar N., Romero C.A.T., Sharma O., Abdulsahib G.M., Khalaf O.I., Mansoor R.F., Ghoneim O.A.	Classification and comparison of ad hoc networks: A review	Egyptian Informatics Journal	24	1	1	25	4.195	10.1016/j.eij.2022.10.004
800	Dineshkumar C., Udhayakumar R., Vijayakumar V., Shukla A., Nisar K.S.	New discussion regarding approximate controllability for Sobolev-type fractional stochastic hemivariational inequalities of order $r \in (1,2)$	Communications in Nonlinear Science and Numerical Simulation	116				4.186	10.1016/j.cnsns.2022.106891

801	Gawas P.P., Bora A., Reji R.P., Ramakrishna B., Managutti P.B., Göb C.R., Mohamed S., Kawazoe Y., Velappa Jayaraman S., Sivalingam Y., Nutalapati V.	Substituent Effect on Stimuli-Responsive Donor-Acceptor Framework-Based 2-Thiohydantoin for Monitoring Nonanal Vapors	Journal of Physical Chemistry C	127	13	6466	6482	4.177	10.1021/acs.jpcc.2c08663
802	Roy A., Ponnampalani A., Varade V., Honnavar G.V., Menon R.	Evidence of Lampert Triangle and Jonscher's Double Power Law in Doped Poly(3,4-ethylenedioxythiophene) Devices	Journal of Physical Chemistry C	127	11	5502	5512	4.177	10.1021/acs.jpcc.2c07603
803	Saikrithika S., Senthil Kumar A.	In Situ Electrochemical Trapping and Unraveling the Mechanism of the Toxic Intermediate Metabolite N-Acetyl-p-Benzoquinone Imine of the Acetaminophen Drug and Its Biomimetic Mediated NADH Oxidation Reaction	Journal of Physical Chemistry C					4.177	10.1021/acs.jpcc.3c00307
804	Saikrithika S., Senthil Kumar A.	In Situ Electrochemical Trapping and Unraveling the Mechanism of the Toxic Intermediate Metabolite N-Acetyl- p-Benzoquinone Imine of the Acetaminophen Drug and Its Biomimetic Mediated NADH Oxidation Reaction	Journal of Physical Chemistry C	127	17	8016	8029	4.177	10.1021/acs.jpcc.3c00307

805	Turaga H., Bommisetty S.H., Vanukuru C., S N., Preetha K.S., Velmurugan T.	Distinctive analysis of power and frequency allocation for Device to Device (D2D) communication	Computers and Electrical Engineering	106				4.152	10.1016/j.compelec eng.2022.108572
806	Sitharthan R., Vimal S., Verma A., Karthikeyan M., Dhanabalan S.S., Prabaharan N., Rajesh M., Eswaran T.	Smart microgrid with the internet of things for adequate energy management and analysis	Computers and Electrical Engineering	106				4.152	10.1016/j.compelec eng.2022.108556
807	Rayaguru N.K., Lindsay N.M., Crespo R.G., Raja S.P.	Hybrid bat–grasshopper and bat–modified multiverse optimization for solar photovoltaics maximum power generation	Computers and Electrical Engineering	106				4.152	10.1016/j.compelec eng.2023.108596
808	Soundrapandiyan R., Naidu H., Karuppiyah M., Maheswari M., Poonia R.C.	AI-based wavelet and stacked deep learning architecture for detecting coronavirus (COVID-19) from chest X-ray images	Computers and Electrical Engineering	108				4.152	10.1016/j.compelec eng.2023.108711
809	Ramachandran A., Sendhil Kumar K.S.	Tiny Criss-Cross Network for segmenting paddy panicles using aerial images	Computers and Electrical Engineering	108				4.152	10.1016/j.compelec eng.2023.108728
810	Thangavelu S., Anbazhagan R., Perumal S., Gopikrishna E., Siddartha M.	Unmanned aerial vehicle localization for device-to-device communication in fifth generation networks using modified penguin search optimization	Computers and Electrical Engineering	109				4.152	10.1016/j.compelec eng.2023.108757

811	Mathew A.A., Shanmugasundaram V.	Fabrication of Screen-Printed Single-Electrode Triboelectric Nanogenerator-Based Self-Powered Sensor for Pulse Measurement and Its Characterization	Energy Technology					4.149	10.1002/ente.202300174
812	Sekaran K., Varghese R.P., Gopikrishnan M., Alsamman A.M., El Allali A., Zayed H., Doss C G.P.	Unraveling the Dysbiosis of Vaginal Microbiome to Understand Cervical Cancer Disease Etiology—An Explainable AI Approach	Genes	14	4			4.141	10.3390/genes14040936
813	Murugapandian R., Clement S., Uthirapathy V.	Fabrication and In Vitro Drug Delivery Evaluation of Cephalexin Monohydrate-Loaded PLA:PVA/HAP:TiO2 Fibrous Scaffolds for Bone Regeneration	ACS Omega	8	5	5017	5032	4.132	10.1021/acsomega.2c07701
814	Ramachandran E., Krishnaiah R., Venkatesan E.P., Murugan M., Medapati S.R., Sekar P.	Experimental Investigation for Determining an Ideal Algal Biodiesel-Diesel Blend to Improve the Performance and Mitigate Emissions Using a Response Surface Methodology	ACS Omega	8	10	9187	9197	4.132	10.1021/acsomega.2c07104

815	Khan O., Khan M.Z., Alam M.T., Ullah A., Abbas M., Saleel C.A., Shaik S., Afzal A.	Comparative Study of Soft Computing and Metaheuristic Models in Developing Reduced Exhaust Emission Characteristics for Diesel Engine Fueled with Various Blends of Biodiesel and Metallic Nanoadditive Mixtures: An ANFIS-GA-HSA Approach	ACS Omega	8	8	7344	7367	4.132	10.1021/acsomega.2 c05246
816	Ramachandran E., Krishnaiah R., Perumal Venkatesan E., Medapati S.R., Sekar P.	Experimental Investigation on the PCCI Engine Fueled by Algal Biodiesel Blend with CuO Nanocatalyst Additive and Optimization of Fuel Combination for Improved Performance and Reduced Emissions at Various Load Conditions by RSM Technique	ACS Omega	8	8	8019	8033	4.132	10.1021/acsomega.2 c07882
817	Kumar P.H., Rambabu M., Vijayakumar V., Sarveswari S.	Palladium-Mediated Synthesis of 2-([Biphenyl]-4- yloxy)quinolin-3- carbaldehydes through Suzuki- Miyaura Cross-Coupling and Their in Silico Breast Cancer Studies on the 3ERT Protein	ACS Omega	8	13	11806	11812	4.132	10.1021/acsomega.2 c06418

818	Roy N., Shanavas S., Kar B., Thilak Babu L., Das U., Vardhan S., Sahoo S.K., Bose B., Rajagopalan V., Paira P.	G2/M-Phase-Inhibitory Mitochondrial-Depolarizing Re(I)/Ru(II)/Ir(III)-2,2'-Bipyrimidine-Based Heterobimetallic Luminescent Complexes: An Assessment of In Vitro Antiproliferative Activity and Bioimaging for Targeted Therapy toward Human TNBC Cells	ACS Omega	8	13	12283	12297	4.132	10.1021/acsomega.2c08285
819	Shah R., Khan R.S., Jan A.U., Ullah S., Ditta A., Islam Z., Ullah R., Ullah R., Soufan W., Almutairi K.F., Rajendran K., Elango D., El Sabagh A.	Plant Growth Regulators with a Balanced Supply of Nutrients Enhance the Phytoextraction Efficiency of Parthenium hysterophorus for Cadmium in Contaminated Soil	ACS Omega	8	21	18940	18950	4.132	10.1021/acsomega.3c01429
820	Vigneshwaran P., Shaik S., Suresh S., Abbas M., Saleel C.A., Cuce E.	Solar Salt with Carbon Nanotubes as a Potential Phase Change Material for High-Temperature Applications: Investigations on Thermal Properties and Chemical Stability	ACS Omega	8	20	17563	17572	4.132	10.1021/acsomega.2c07571
821	Jagadeesh B., Duraiselvam M., Prashanth K.G.	Deformation behavior of metallic lattice structures with symmetrical gradients of porosity manufactured by metal additive manufacturing	Vacuum	211				4.110	10.1016/j.vacuum.2023.111955

822	Nataraj M.V., Swaroop S.	Effects of power density on residual stress and microstructural behavior of Ti-2.5Cu alloy by laser shock peening without coating	Vacuum	213				4.11	10.1016/j.vacuum.2023.112078
823	Srinivasan V., Palanisamy P.	Design and development of keratin/chitosan/glucosamine sulfate composite loaded MWCNT intended for osteoarthritis drug delivery	Biomedical Materials (Bristol)	18	4			4.103	10.1088/1748-605X/acd6c9
824	Swathi M., Regunathan R.	A novel feature fusion based approach for detecting pharyngitis, oral cancer, and tonsillitis using improved bag of visual words	Soft Computing					4.1	10.1007/s00500-023-08862-x
825	Sellamuthu S., Vaddadi S.A., Venkata S., Petwal H., Hosur R., Mandala V., Dhanapal R., Singh J.	AI-based recommendation model for effective decision to maximise ROI	Soft Computing					4.1	10.1007/s00500-023-08731-7
826	Sony P., Shanmugam G.S., Nagarajan S.K.	An intuitionistic fuzzy-based intelligent system for semantic interoperability and privacy preservation in healthcare systems	Soft Computing					4.1	10.1007/s00500-023-08972-6

827	Beham A.R., Thanikaiselvan V.	An optimized deep-learning algorithm for the automated detection of diabetic retinopathy	Soft Computing					4.1	10.1007/s00500-023-08930-2
828	Narasimman S., Balakrishnan L., Alex Z.C.	Highly sensitive magnetic field sensor based on uniform core fiber using Mn doped ZnO nanorods as cladding	Materials Science in Semiconductor Processing	166				4.1	10.1016/j.mssp.2023.107732
829	Babu D.V., Alfurhood B.S., Ramesh J.V.N., Jos B.C., Bharathi P.S., Raju B.R.S.S.	Hybrid machine learning techniques for gender identification from handwritten images using textural features	Soft Computing					4.1	10.1007/s00500-023-08931-1
830	Ghugal S.G., Vidyasagar D., Tadi K.K., Geethukrishnan, Umare S.S., Jeong Y., Yoon J.	Optimized photocatalytic performance of ZnS-SnO ₂ heterostructures for visible light driven mineralization of Acid violet 7 dye and inactivation of bacteria	Materials Science in Semiconductor Processing	165				4.1	10.1016/j.mssp.2023.107657
831	Arora S., Kataria P., Nautiyal M., Tuteja I., Sharma V., Ahmad F., Haque S., Shahwan M., Capanoglu E., Vashishth R., Gupta A.K.	Comprehensive Review on the Role of Plant Protein As a Possible Meat Analogue: Framing the Future of Meat	ACS Omega	8	26	23305	23319	4.1	10.1021/acsomega.3c01373
832	Jena S., Chanda K.	Copper Catalyzed Synthesis of Heterocyclic Molecules via C-N and C-O Bond Formation under Microwaves: A Mini-Review	ACS Omega	8	26	23240	23256	4.1	10.1021/acsomega.3c02041

833	Padmapriya V., Kaliyappan M.	Solutions of non-homogeneous system of fuzzy fractional differential equations: a novel approach	Soft Computing					4.1	10.1007/s00500-023-08956-6
834	Kumar M.K., Amalanathan A.	Optimized convolutional neural network for automatic lung nodule detection with a new active contour segmentation	Soft Computing					4.1	10.1007/s00500-023-09000-3
835	Vallabhaneni N., Prabhavathy P.	Segmentation quality assessment network-based object detection and optimized CNN with transfer learning for yoga pose classification for health care	Soft Computing					4.1	10.1007/s00500-023-08863-w
836	Kolandasamy M., Mandal A.K.A., Balasubramanian M.G., Ponnusamy P.	Multifaceted plant growth-promoting traits of indigenous rhizospheric microbes against Phomopsis theae, a causal agent of stem canker in tea plants	World Journal of Microbiology and Biotechnology	39	9			4.1	10.1007/s11274-023-03688-z
837	Sarkar A., Bhaskara Rao K.V.	Unraveling anticancer potential of a novel serine protease inhibitor from marine yeast Candida parapsilosis ABS1 against colorectal and breast cancer cells	World Journal of Microbiology and Biotechnology	39	8			4.1	10.1007/s11274-023-03670-9

838	Kanth Kadiyala N., Mandal B.K., Kumar Reddy L.V., Barnes C.H.W., De Los Santos Valladares L., Maddinedi S.B., Sen D.	Biofabricated Palladium Nanoparticle-Decorated Reduced Graphene Oxide Nanocomposite Using the Punica granatum (Pomegranate) Peel Extract: Investigation of Potent In Vivo Hepatoprotective Activity against Acetaminophen- Induced Liver Injury in Wistar Albino Rats	ACS Omega	8	27	24524	24543	4.1	10.1021/acsomega.3 c02643
839	Rashid M., Hussain Q., Hayat R., Ahmed M., Islam M.S., Soufan W., Elango D., Rajendran K., Iqbal R., Bhat T.A., El Sabagh A.	Lignite Scaffolding as Slow- Release N-Fertilizer Extended the SN Retention and Inhibited N Losses in Alkaline Calcareous Soils	ACS Omega	8	25	22732	22741	4.1	10.1021/acsomega.3 c01611
840	Vijayan K., Thirumalaisamy L., Vijayachamundeeswar i S.P., Sivaperuman K., Ahsan N., Okada Y.	A Novel Approach for Designing a Sub-Bandgap in CuGa(S,Te) ₂ Thin Films Assisted with Numerical Simulation of Solar Cell Devices for Photovoltaic Application	ACS Omega	8	25	22414	22427	4.1	10.1021/acsomega.2 c08196
841	Jeyaraj S.V., Santiago R.	A Study on Efficient Technique for Generating Vertex-based Topological Characterization of Boric Acid 2D Structure	ACS Omega	8	25	23089	23097	4.1	10.1021/acsomega.3 c02477

842	Al-Shabib N.A., Khan J.M., Al-Amri A.M., Malik A., Husain F.M., Sharma P., Emerson A., Kumar V., Sen P.	Interaction Mechanism between α -Lactalbumin and Caffeic Acid: A Multispectroscopic and Molecular Docking Study	ACS Omega	8	22	19853	19861	4.1	10.1021/acsomega.3c01755
843	Chacko B., Thirumalasetty A.B., Vijayakanth V., Wuppulluri M.	Optical, Structural, and Magnetic Hyperthermia Properties of Yttrium Iron Garnet Synthesized by Hybrid Microwave-Assisted Hydrothermal and Sol-Gel Auto Combustion Routes	ACS Omega	8	22	19367	19373	4.1	10.1021/acsomega.3c00162
844	Nandakumar V., Sundarasamy A., Adhigaman K., Ramasamy S.S., Paulpandi M., Kodiveri Muthukaliannan G., Narayanasamy A., Thangaraj S.	Anti-proliferative activity of nitroquinolone fused acylhydrazones as non-small cell human lung cancer agents	RSC Medicinal Chemistry	14	7	1331	1343	4.1	10.1039/d3md00165b
845	Varghese R., Buragohain T., Banerjee I., Mukherjee R., Panshanwar S.N., Agasti S., Ramamoorthy S.	The apocarotenoid production in microbial biofactories: An overview	Journal of Biotechnology	374		5	16	4.1	10.1016/j.jbiotec.2023.07.009
846	Damodaran K., Khan T., Bickel D., Jaya S., Vranken W.F., Sudandiradoss C.	New simulation insights on the structural transition mechanism of bovine rhodopsin activation	Proteins: Structure, Function and Bioinformatics					4.088	10.1002/prot.26465

847	Jansi Rani J., Manivannan A., Dhanasekar S.	Interval Valued Intuitionistic Fuzzy Diagonal Optimal Algorithm to Solve Transportation Problems	International Journal of Fuzzy Systems					4.085	10.1007/s40815-022-01446-1
848	Ravichandran M., Vimal K.E.K., Kumar V., Kulkarni O., Govindaswamy S., Kandasamy J.	Environment and economic analysis of reverse supply chain scenarios for remanufacturing using discrete-event simulation approach	Environment, Development and Sustainability					4.080	10.1007/s10668-023-03141-z
849	Thakur P., Wilson V.H.	Circular innovation ecosystem: a multi-actor, multi-peripheral and multi-platform perspective	Environment, Development and Sustainability					4.08	10.1007/s10668-023-03196-y
850	Muhammad T., Pai M., Afsal K., Saravanakumar P., Irshad C.V.	The association between loneliness and life satisfaction: examining spirituality, religiosity, and religious participation as moderators	BMC Geriatrics	23	1			4.07	10.1186/s12877-023-04017-7
851	Gupta S., Rajagopal P.	S0 Lamb mode scattering studies in laminated composite plate structures with surface breaking cracks; insights into crack opening behavior	Ultrasonics	129				4.062	10.1016/j.ultras.2022.106901
852	Saha S., Bora S.N., Das S.	Time-dependent water wave scattering by a bottom-mounted porous compound cylinder fitted with an annular porous lid	Waves in Random and Complex Media					4.051	10.1080/17455030.2023.2166150

853	Santhosh N., Sivaraj R., Ramachandra Prasad V., Anwar Bég O., Leung H.-H., Kamalov F., Kuharat S.	Computational study of MHD mixed convective flow of Cu/Al ₂ O ₃ -water nanofluid in a porous rectangular cavity with slits, viscous heating, Joule dissipation and heat source/sink effects	Waves in Random and Complex Media					4.051	10.1080/17455030.2023.2168786
854	Jakeer S., Bala Anki Reddy P., Reddy S.R.R., Thameem Basha H.	Entropy generation and Melting heat transfer on the Ferrohydrodynamic flow of Fe ₃ O ₄ -Ag/blood hybrid nanofluid with Cattaneo-Christov heat flux model	Waves in Random and Complex Media					4.051	10.1080/17455030.2022.2164808
855	Sowmya B., Murugan V., Jacqueline Rosy P., Saravanan P., Rajeshkannan R., Rajasimman M., Madhavi Reddy M., Venkat Kumar S.	Employing newly developed copper oxide nanoparticles for antibacterial capability from discarded Wedelia trilobata flowers	Biomass Conversion and Biorefinery					4.050	10.1007/s13399-023-03760-6
856	Lhamo P., Mahanty B., Behera S.K.	Optimization of biomass and polyhydroxyalkanoate production by Cupriavidus necator using response surface methodology and genetic algorithm optimized artificial neural network	Biomass Conversion and Biorefinery					4.050	10.1007/s13399-023-04043-w

857	Senthilkumar T., Selvakumar A., Senthilkumar B.	Fabrication and optimization of activated carbon using sisal fiber biomass through Box–Behnken experimental design	Biomass Conversion and Biorefinery					4.05	10.1007/s13399-023-04185-x
858	Suganya M., Nanthini A.U.R., Rajasekar A., Nandini M.S., Lavanya G., Almutairi B.O., Arunkumar P., Narenkumar J.	Antihyperlipidemic effect of red fermented rice with <i>Monascus</i> sp. in rats model with hematological and histopathological studies	Biomass Conversion and Biorefinery					4.05	10.1007/s13399-023-04368-6
859	Kumar P., Kumar S.V.	Nanoprimering of <i>Eleusine coracana</i> seeds using phyto-assisted magnetic nanoparticles (Fe ₃ O ₄) synthesized from <i>Colocasia esculenta</i> leaves	Biomass Conversion and Biorefinery					4.05	10.1007/s13399-023-04327-1
860	Suresh N., Sivakumar P., Malathi A.C.J., Veeramalini J.B.	Dielectric, magnetic, microwave shielding, and mechanical behavior of flexible NiFe ₂ O ₄ and black gram pod biocarbon PVA composites in E, F, I, and J band frequencies	Biomass Conversion and Biorefinery					4.05	10.1007/s13399-023-04338-y
861	Kalipillai P., Raghuram E., Mani E.	Effect of substrate charge density on the adsorption of intrinsically disordered protein amyloid β 40: a molecular dynamics study	Soft Matter	19	8	1642	1652	4.046	10.1039/d2sm01581a

862	Logeshwaran A., Elsen R., Nayak S.	Mechanical and biological characteristics of 3D fabricated clay mineral and bioceramic composite scaffold for bone tissue applications	Journal of the Mechanical Behavior of Biomedical Materials	138					4.042	10.1016/j.jmbbm.2022.105633
863	Rengasamy M., Rajaram K.	Waste sawdust-based composite as an interfacial evaporator for efficient solar steam generation	RSC Advances	13	8	5173	5184		4.036	10.1039/d2ra07654c
864	Prasanna V.L., Harikaran D., Avisar D., Vijayaraghavan R.	Metal peroxides as potential photocatalysts for environmental remediation	RSC Advances	13	6	3416	3424		4.036	10.1039/d2ra05754a
865	Kongasseri A., Madhesan T., Mitra S., Rao C.V.S.B., Nagarajan S., Chinaraga P.K., Deivasigamani P., Mohan A.M.	Fast and selective reversed-phase high performance liquid chromatographic separation of UO ₂ ²⁺ and Th ⁴⁺ ions using surface modified C18 silica monolithic supports with target specific ionophoric ligands	RSC Advances	13	5	3317	3328		4.036	10.1039/d2ra07495h
866	Chinnathambi S., Shirahata N., Kumar M., Karthikeyan S., Abe K., Thangavel V., Pandian G.N.	Nano-bio interaction between human immunoglobulin G and nontoxic, near-infrared emitting water-borne silicon quantum dot micelles	RSC Advances	13	9	6051	6064		4.036	10.1039/d3ra00552f

867	Prabu S., Viswanathan T., David E., Jagadeeswari S., Palanisami N.	Enhancement of photovoltaic performance in ferrocenyl π -extended multi donor- π -acceptor (D-D'- π -A) dyes using chenodeoxycholic acid as a dye co-adsorbent for dye sensitized solar cells	RSC Advances	13	14	9761	9772	4.036	10.1039/d2ra06615g
868	Sivaraj C., Gandhi T.	Solvent-controlled amidation of acid chlorides at room temperature: new route to access aromatic primary amides and imides amenable for late-stage functionalization	RSC Advances	13	14	9231	9236	4.036	10.1039/d3ra00403a
869	Alex. A V., Mukherjee A.	An ultrasensitive "mix-and-detect" kind of fluorescent biosensor for malaoxon detection using the AChE-ATCh-Ag-GO system	RSC Advances	13	21	14159	14170	4.036	10.1039/d3ra02253f
870	Asif M., Singh Y., Thakre A., Singh V.N., Kumar A.	Synaptic plasticity and learning behaviour in multilevel memristive devices	RSC Advances	13	19	13292	13302	4.036	10.1039/d3ra02075d
871	Rajendran N., Kamaraj K., Janakiraman S., Saral M., Dixneuf P.H., Bheeter C.B.	A sustainable metal and base-free direct amidation of esters using water as a green solvent	RSC Advances	13	22	14958	14962	4.036	10.1039/d3ra02637j

872	Subramanian A., Nagarajan A.M., Vinod S., Chakraborty S., Sivagami K., Theodore T., Sathyanarayanan S.S., Tamizhdurai P., Mangesh V.L.	Long-term impacts of climate change on coastal and transitional eco-systems in India: an overview of its current status, future projections, solutions, and policies	RSC Advances	13	18	12204	12228	4.036	10.1039/d2ra07448f
873	Vinoth N., Lokavarapu B.R.	Enhanced Optimal Parameter-Based Nebulizer Design for Flow Analysis of Fluticasone Propionate	AAPS PharmSciTech	24	4			4.026	10.1208/s12249-023-02548-1
874	Arul Prakash S., Sengan M., John M.L., Veerappan A., Kamlekar R.K.	Interaction of N-acyltaurines with phosphatidylcholines	Biochimica et Biophysica Acta - Biomembranes	1865	3			4.019	10.1016/j.bbamem.2022.184103
875	Sneha G., Chellaiya Thomas Rueshwin S., Eithiraj R.D.	Structural, electronic, optical, and thermoelectric properties of 2D honeycomb-like 1T-Rb2S monolayer: A DFT study	Journal of Physics and Chemistry of Solids	181				4	10.1016/j.jpics.2023.111560
876	Bhale A.S., Venkataraman K.	A commentary on the paper, 'Development and validation of a novel automatable assay for cholesterol efflux capacity'	Bioscience Reports	43	6			4	10.1042/BSR20230124
877	Purushothaman A.K., Nelson E.J.R.	Role of innate immunity and systemic inflammation in cystic fibrosis disease progression	Heliyon	9	7			4	10.1016/j.heliyon.2023.e17553

878	Reehana S., Muthukumar M.	Undrained response of fibre reinforced expansive soil subjected to cyclic loading	Soil Dynamics and Earthquake Engineering	173				4	10.1016/j.soildyn.2023.108154
879	Gopu A., Thirugnanasambanda m K., R R., AlGhamdi A.S., Alshamrani S.S., Maharajan K., Rashid M.	Energy-efficient virtual machine placement in distributed cloud using NSGA-III algorithm	Journal of Cloud Computing	12	1			4	10.1186/s13677-023-00501-y
880	Kalaiselvi C., Krishna Chandar N.	Accordion-like multilayer Ti3C2Tx MXene sheets decorated 1D Mn2O3 nanorods-based nanocomposites: An efficient catalyst for swift removal of single and mixed dyes	Journal of Physics and Chemistry of Solids	182				4	10.1016/j.jpccs.2023.111591
881	Kartikeyan R., Murugan D., Ajaykamal T., Varadhan M., Rangasamy L., Velusamy M., Palaniandavar M., Rajendiran V.	Mixed ligand copper(ii)-diimine complexes of 2-formylpyridine-N4-phenylthiosemicarbazone: diimine co-ligands tune the in vitro nanomolar cytotoxicity	Dalton Transactions	52	26	9148	9169	4	10.1039/d3dt00213f

882	Ganesan P., Ishihara A., Staykov A., Nakashima N.	Recent Advances in Nanocarbon-Based Nonprecious Metal Catalysts for Oxygen/Hydrogen Reduction/Evolution Reactions and Zn-Air Battery	Bulletin of the Chemical Society of Japan	96	5	429	443	4	10.1246/bcsj.20230051
883	Das R., Paira P.	GSH resistant, luminescent 2-(pyren-1-yl)-1H-imidazo[4,5-f][1,10]phenanthroline-based Ru(ii)/Ir(iii)/Re(i) complexes for phototoxicity in triple-negative breast cancer cells	Dalton Transactions					4	10.1039/d3dt01667f
884	Sowmya B., Saravanan P., Rajeshkannan R., Rajasimman M., Venkatkumar S.	Facile verdant approach on zirconia-doped zinc oxide nanoparticles (Zr-ZnO NPs) using Citrus medica fruit: antibacterial and anti-inflammatory activity	Biomass Conversion and Biorefinery					4	10.1007/s13399-023-04652-5
885	Deshmukh S.A., Mataghare B.C., Patil V.S., Raut S.U., Balinge K.R., Yadav P.R., Maske R.G., Patle D.S., Bhagat P.R.	Brønsted acid functionalized melamine-supported porphyrin trimer for one-step synthesis of alkyl-12-hydroxyoctadecanoate under irradiation of LED light	Biomass Conversion and Biorefinery					4	10.1007/s13399-023-04642-7

886	Jenefar S., Kaviyarasan V., Narenkumar J., Almutairi B.O., Arunkumar P., Ramalingam S.	Response surface based optimization of laccase production from <i>Perenniporia subtephropora</i> and its application in decolorization of dyes	Biomass Conversion and Biorefinery					4	10.1007/s13399-023-04517-x
887	Samrot A.V., Xavier S., Bavanilatha M., Rajalakshmi D., Shobana N., Saigeetha S., Sathiyasree M., Preeth R.S.S., Afzal S.	Characterization and utilization of <i>Coriandrum sativum</i> seeds and fibres for bioremediation	Biomass Conversion and Biorefinery					4	10.1007/s13399-023-04451-y
888	Priya D.D., Surendra T.V., Shajahan S., Muthuraja S., Roopan S.M.	Design and sustainable production of natural carbon incorporated CuO/C nanocomposite using <i>Cyperus rotundus</i> biomass	Biomass Conversion and Biorefinery					4	10.1007/s13399-023-04594-y
889	Velmurugan G., Natrayan L., Chohan J.S., Vasanthi P., Angalaeswari S., Pravin P., Kaliappan S., Arunkumar D.	Investigation of mechanical and dynamic mechanical analysis of bamboo/olive tree leaves powder-based hybrid composites under cryogenic conditions	Biomass Conversion and Biorefinery					4	10.1007/s13399-023-04591-1
890	Indumathi T.R., Divya R., Kumar B.S., Selvakumar A.	Antimicrobial study on surface-coated <i>Hibiscus sabdariffa</i> L. fiber reinforcement	Biomass Conversion and Biorefinery					4	10.1007/s13399-023-04569-z

891	Das U., Paira P.	Synthesis, characterization, photophysical and electrochemical properties, and biomolecular interaction of 2,2'-biquinoline based phototoxic Ru(ii)/Ir(ii) complexes	Dalton Transactions					4	10.1039/d3dt01348k
892	Ali A M M.T., Narayana S D.S., Lulu S S., Nag S., Sundararajan V.	Targeting NF- κ B pathway for the anti-inflammatory potential of Bhadradarvadi kashayam on stimulated RAW 264.7 macrophages	Heliyon	9	8			4	10.1016/j.heliyon.2023.e19270
893	Sandhiya V., Nalliah M.	Local total anti-magic chromatic number of graphs	Heliyon	9	7			4	10.1016/j.heliyon.2023.e17761
894	Vinodhini N., Prasad V.R.	NUMERICAL study of MAGNETO convective Buongiorno nanofluid flow in a rectangular enclosure under oblique magnetic field with heat generation/absorption and complex wall conditions	Heliyon	9	7			4	10.1016/j.heliyon.2023.e17669
895	Begum M.B., Deepa N., Uddin M., Kaluri R., Abdelhaq M., Alsaqour R.	An efficient and secure compression technique for data protection using burrows-wheeler transform algorithm	Heliyon	9	6			4	10.1016/j.heliyon.2023.e17602

896	Annamalai M.C., Amutha prabha N.	A comprehensive review on isolated and non-isolated converter configuration and fast charging technology: For battery and plug in hybrid electric vehicle	Heliyon	9	8			4	10.1016/j.heliyon.2023.e18808
897	Katturajan R., Evan Prince S.	L-carnitine and Zinc supplementation impedes intestinal damage in methotrexate-treated adjuvant-induced arthritis rats: Reinstating enterocyte proliferation and trace elements	Journal of Trace Elements in Medicine and Biology	78				3.995	10.1016/j.jtemb.2023.127188
898	Raymann J., Rajalakshmi R.	GAR-Net: Guided Attention Residual Network for Polyp Segmentation from Colonoscopy Video Frames	Diagnostics	13	1			3.992	10.3390/diagnostics13010123
899	Ananthkrishnan B., Shaik A., Akhouri S., Garg P., Gadag V., Kavitha M.S.	Automated Bone Marrow Cell Classification for Haematological Disease Diagnosis Using Siamese Neural Network	Diagnostics	13	1			3.992	10.3390/diagnostics13010112
900	Srinivasan S., Raju A.B.K., Mathivanan S.K., Jayagopal P., Babu J.C., Sahu A.K.	Local-Ternary-Pattern-Based Associated Histogram Equalization Technique for Cervical Cancer Detection	Diagnostics	13	3			3.992	10.3390/diagnostics13030548

901	Bhachawat S., Shriram E., Srinivasan K., Hu Y.-C.	Leveraging Computational Intelligence Techniques for Diagnosing Degenerative Nerve Diseases: A Comprehensive Review, Open Challenges, and Future Research Directions	Diagnostics	13	2			3.992	10.3390/diagnostics 13020288
902	Aggarwal S., Selvaraj S., Subramanian J.N., Vijayalakshmi M.A., Patankar S., Srivastava S.	Polyclonal Antibody Generation against PvTRAg for the Development of a Diagnostic Assay for Plasmodium vivax	Diagnostics	13	5			3.992	10.3390/diagnostics 13050835
903	Ananthkrishnan B., Shaik A., Kumar S., Narendran S.O., Mattu K., Kavitha M.S.	Automated Detection and Classification of Oral Squamous Cell Carcinoma Using Deep Neural Networks	Diagnostics	13	5			3.992	10.3390/diagnostics 13050918
904	Sonia J.J., Jayachandran P., Md A.Q., Mohan S., Sivaraman A.K., Tee K.F.	Machine-Learning-Based Diabetes Mellitus Risk Prediction Using Multi-Layer Neural Network No-Prop Algorithm	Diagnostics	13	4			3.992	10.3390/diagnostics 13040723
905	Suganeshwari G., Balakumar R., Karuppanan K., Prathiba S.B., Anbalagan S., Raja G.	DTBV: A Deep Transfer-Based Bone Cancer Diagnosis System Using VGG16 Feature Extraction	Diagnostics	13	4			3.992	10.3390/diagnostics 13040757
906	Balasundaram A., Kavitha M.S., Pratheepan Y., Akshat D., Kaushik M.V.	A Foreground Prototype-Based One-Shot Segmentation of Brain Tumors	Diagnostics	13	7			3.992	10.3390/diagnostics 13071282

907	Alphonse A.S., Benifa J.V.B., Muaad A.Y., Chola C., Heyat M.B.B., Murshed B.A.H., Abdel Samee N., Alabdulhafith M., Al-antari M.A.	A Hybrid Stacked Restricted Boltzmann Machine with Sobel Directional Patterns for Melanoma Prediction in Colored Skin Images	Diagnostics	13	6			3.992	10.3390/diagnostics 13061104
908	Srinivasan S., Bai P.S.M., Mathivanan S.K., Muthukumar V., Babu J.C., Vilcekova L.	Grade Classification of Tumors from Brain Magnetic Resonance Images Using a Deep Learning Technique	Diagnostics	13	6			3.992	10.3390/diagnostics 13061153
909	Dixit S., Kumar A., Srinivasan K.	A Current Review of Machine Learning and Deep Learning Models in Oral Cancer Diagnosis: Recent Technologies, Open Challenges, and Future Research Directions	Diagnostics	13	7			3.992	10.3390/diagnostics 13071353
910	Jithendra T., Sharief Basha S.	A Hybridized Machine Learning Approach for Predicting COVID-19 Using Adaptive Neuro-Fuzzy Inference System and Reptile Search Algorithm	Diagnostics	13	9			3.992	10.3390/diagnostics 13091641
911	Lakshmi M., Das R.	Classification of Monkeypox Images Using LIME-Enabled Investigation of Deep Convolutional Neural Network	Diagnostics	13	9			3.992	10.3390/diagnostics 13091639

912	Srinivasan S., Gunasekaran S., Mathivanan S.K., Jayagopal P., Khan M.A., Alasiry A., Marzougui M., Masood A.	A Framework of Faster CRNN and VGG16-Enhanced Region Proposal Network for Detection and Grade Classification of Knee RA	Diagnostics	13	8			3.992	10.3390/diagnostics 13081385
913	Jain S., Naicker D., Raj R., Patel V., Hu Y.-C., Srinivasan K., Jen C.-P.	Computational Intelligence in Cancer Diagnostics: A Contemporary Review of Smart Phone Apps, Current Problems, and Future Research Potentials	Diagnostics	13	9			3.992	10.3390/diagnostics 13091563
914	Venkatachala Appa Swamy M., Periyasamy J., Thangavel M., Khan S.B., Almusharraf A., Santhanam P., Ramaraj V., Elsi M.	Design and Development of IoT and Deep Ensemble Learning Based Model for Disease Monitoring and Prediction	Diagnostics	13	11			3.992	10.3390/diagnostics 13111942
915	Rajinikanth V., Vincent P.M.D.R., Gnanaprakasam C.N., Srinivasan K., Chang C.- Y.	Brain Tumor Class Detection in Flair/T2 Modality MRI Slices Using Elephant-Herd Algorithm Optimized Features	Diagnostics	13	11			3.992	10.3390/diagnostics 13111832
916	Kaliappan J., Bagepalli A.R., Almal S., Mishra R., Hu Y.-C., Srinivasan K.	Impact of Cross-Validation on Machine Learning Models for Early Detection of Intrauterine Fetal Demise	Diagnostics	13	10			3.992	10.3390/diagnostics 13101692

917	Vijay A., Eithiraj R.D.	Exploring bonding nature, electronic, optical and thermoelectric properties of ternary compound Na ₂ ZnCl ₄ via first-principles calculations	Chinese Journal of Physics	84		189	197	3.957	10.1016/j.cjph.2022.11.003
918	Raman S., A R.S., M S.	Advances in silicon nanowire applications in energy generation, storage, sensing, and electronics: a review	Nanotechnology	34	18			3.953	10.1088/1361-6528/acb320
919	Jose B., Manikandan M., Arivazhagan N., Muktinutalapati N.R., Reddy G.M.	Development of a Novel Welding Technique with Reduced Heat-Input by Employing Double-Pulsed Gas Metal Arc Welding for Aerospace Grade 18% Ni Maraging Steel	Journal of Manufacturing Science and Engineering	145	2			3.952	10.1115/1.4055248
920	Samarpita S., Rasool M.	Majoon chobchini reinstates PDL-1 expression and blocks dendritic cell -T helper 17 pathogenic axis in rheumatoid arthritis animal model	Cytokine	163				3.926	10.1016/j.cyto.2023.156136
921	Ragupathi H., Jarvin M., Inbanathan S.S.R., Nayak A.K., Choe Y.	Hydrothermal synthesis of an SnO ₂ -rGO nanocomposite using tea extract as a reducing agent for daylight-driven photocatalyst and supercapacitors	New Journal of Chemistry					3.925	10.1039/d2nj05912f

922	Bari S., Mridha D., Ghosh S., Ghosh P., Roychowdhury T., Roy P.	Imaging of Al ³⁺ in plant roots by the interaction with a bisphenol A-based chemosensor	New Journal of Chemistry	47	10	5056	5066	3.925	10.1039/d2nj06234h
923	Arunkumar G., Nantheeswaran P., Mariappan M., Kamlekar R.K., Pannipara M., Al-Sehemi A.G., Anthony S.P.	Cobalt metal-organic framework microcrystalline particles with strong electrocatalytic activity: amine controlled morphology and OER activity	New Journal of Chemistry					3.925	10.1039/d3nj01457f
924	Samuel Rajan I.A.P., Rajendran S.	One pot transamidation of N-pivaloyl activated amides with anilines in the absence of catalyst, base and additive	New Journal of Chemistry	47	22	10480	10483	3.925	10.1039/d3nj01490h
925	Nallakumar S., Thirumalaisamy L., Madhanagurusamy S., Kalainathan S., Usha Rani M.	Inverse and distorted Co ₂ SnO ₄ cubic spinel thin films for dimethylamine detection at room temperature	New Journal of Chemistry	47	23	11110	11122	3.925	10.1039/d3nj01409f
926	Murugan K., Subashini R., Sathiskumar U., Odukkathil G.	Calotropis procera flower extract for the synthesis of double edged octahedral α -Fe ₂ O ₃ nanoparticles via a greener approach: an insight into its structure property relationship for Escherichia coli	New Journal of Chemistry					3.925	10.1039/d3nj01044a
927	Sahu R.K., Nayak S., Singh K.S., Nayak H.P., Tyagi B.	Evaluating the impact of topography on the initiation of Nor'westers over eastern India	Geomatics, Natural Hazards and Risk	14	1			3.922	10.1080/19475705.2023.2184669

928	Kumar H., Manoharan A., Anbarasu A., Ramaiah S.	Emergence of sulphonamide resistance in azithromycin-resistant pediatric strains of Salmonella Typhi and Paratyphi A: A genomics insight	Gene	851				3.913	10.1016/j.gene.2022.146995
929	Divya J., Selvendran S., Sivanantha Raja A., Borra V.	A Novel Plasmonic Sensor Based on Dual-Channel D-Shaped Photonic Crystal Fiber for Enhanced Sensitivity in Simultaneous Detection of Different Analytes	IEEE Transactions on Nanobioscience			1	1	3.9	10.1109/TNB.2023.3294330
930	Gautam S.P., Jalhotra M., Sahu L.K., Kumar M.R., Gupta K.K.	A Survey on Fault Tolerant and Diagnostic Techniques of Multilevel Inverter	IEEE Access	11		60866	60888	3.9	10.1109/ACCESS.2023.3285722
931	Manikandan N., Kaliyaperumal G., Wang Y.	Ad hoc-obstacle avoidance-based navigation system using Deep Reinforcement Learning for self-driving vehicles	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3297661
932	Raghunathan N., Kandasamy S.	Challenges and Issues in Sentiment Analysis: A Comprehensive Survey	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3293041
933	Soangra R., Smith J.A., Rajagopal S., Yedavalli S.V.R., Anirudh E.R.	Classifying Unstable and Stable Walking Patterns Using Electroencephalography Signals and Machine Learning Algorithms	Sensors	23	13			3.9	10.3390/s23136005

934	Saha S., Kumar V.V., Niveditha V.R., Kannan V.A., Gunasekaran K., Venkatesan K.	Cluster-Based Protocol for Prioritized Message Communication in VANET	IEEE Access	11		67434	67442	3.9	10.1109/ACCESS.2023.3286936
935	Chellapandi T., Madhumitha G., Roopan S.M., Elamathi M., Leeladevi K., Nagarajan E.R., Vadivel D., Dondi D.	Construction of ZnO nanoparticles on the layered aluminosilicate Montmorillonite K30 nanocomposite and its enhanced photocatalytic removal performance	Optical Materials	142				3.9	10.1016/j.optmat.2023.114099
936	Venkatasatish R., Chittathuru D.	Coyote Optimization Algorithm-Based Energy Management Strategy for Fuel Cell Hybrid Power Systems	Sustainability (Switzerland)	15	12			3.9	10.3390/su15129638
937	Hariprasad R., Navamani T.M., Rote T.R., Chauhan I.	Design and Development of an Efficient Risk Prediction Model for Cervical Cancer	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3296456
938	Rasheed G., Sridevi S.	Design of 7T SRAM using InGaAs-Dual Pocket-Dual Gate- Tunnel FET for IoT applications	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3296803
939	Achu Govind K., Mahapatra S., Mahapatro S.R.	Design of an Optimal Control Strategy for Coupled Tank Systems using Nonlinear Constraint Optimization with Kharitonov-Hurwitz Stability Analysis	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3294109

940	Ravi T., Kumar K.S.	Detection and Classification of Power Quality Disturbances Using Stock Well Transform and Improved Grey Wolf Optimization-Based Kernel Extreme Learning Machine	IEEE Access	11		61710	61727	3.9	10.1109/ACCESS.2023.3286308
941	Pusparani Y., Lin C.-Y., Jan Y.-K., Lin F.-Y., Liao B.-Y., Ardhiyanto P., Farady I., Alex J.S.R., Aparajeeta J., Chao W. H., Lung C.-W.	Diagnosis of Alzheimer's Disease Using Convolutional Neural Network With Select Slices by Landmark on Hippocampus in MRI Images	IEEE Access	11		61688	61697	3.9	10.1109/ACCESS.2023.3285115
942	Menon D., Anand B., Chowdhary C.L.	Digital Twin: Exploring the Intersection of Virtual and Physical Worlds	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3294985
943	Natarajan S., Thangamuthu M., Gnanasekaran S., Rakkiyannan J.	Digital Twin-Driven Tool Condition Monitoring for the Milling Process	Sensors	23	12			3.9	10.3390/s23125431
944	Devi Nallamuthu B., Rathinasamy S., Shanmugam H., Ran G.	Disturbance rejection-based cluster synchronization of nonlinear complex dynamical networks with hybrid-driven mechanism	International Journal of Robust and Nonlinear Control					3.9	10.1002/rnc.6845
945	Muthuswamy A., Dewan M.A.A., Murshed M., Parmar D.	Driver Distraction Classification Using Deep Convolutional Autoencoder and Ensemble Learning	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3293110

946	Jena R., Dash R., Reddy K.J., Parida P.K., Dhanamjayulu C., Swain S.C., Muyeen S.M.	Enhancing Efficiency of Grid-Connected Solar Photovoltaic System with Particle Swarm Optimization & Long Short-Term Memory Hybrid Technique	Sustainability (Switzerland)	15	11			3.9	10.3390/su15118535
947	Daniel R C., Sudhagar P E.	Evaluation of transverse shear properties of various 3D-printed bioinspired modified honeycomb core: Numerical and experimental study	Mechanics Based Design of Structures and Machines					3.9	10.1080/15397734.2023.2200819
948	Mishra N., Mitra S., Thapliyal A., Mahajan A., Khan T.M.Y., Manavalla S., Baig R.U., Janvekar A.A., Feroskhan M.	Exploring the Effects of DEE Pilot Injection on a Biogas-Fueled HCCI Engine at Different Injection Locations	Sustainability (Switzerland)	15	13			3.9	10.3390/su151310713
949	Yenduri G., Kaluri R., Rajput D.S., Lakshmana K., Gadekallu T.R., Mahmud M., Brown D.J.	From Assistive Technologies to Metaverse - Technologies in Inclusive Higher Education for Students with Specific Learning Difficulties: A Review	IEEE Access	11		64907	64927	3.9	10.1109/ACCESS.2023.3289496
950	Alghaythi M.L., Irudayaraj G.C.R., Ramu S.K., Govindaraj P., Vairavasundaram I.	Mathematical Modeling and Analysis of Capacitor Voltage Balancing for Power Converters with Fewer Switches	Sustainability (Switzerland)	15	13			3.9	10.3390/su151310698

951	Chacko L., Joseph A., Tadi K.K., Kumar A., Narayanan T.N., Aneesh P.M.	MoS ₂ -TiO ₂ Nanocomposites for Enhanced Photo-electrocatalytic Hydrogen Evolution	Journal of the Electrochemical Society	170	7			3.9	10.1149/1945-7111/ace131
952	Desai D.D., Dey J., Satapathy S.K., Mishra S., Mohanty S.N., Mishra P., Panda S.K.	Optimal Ambulance Positioning for Road Accidents With Deep Embedded Clustering	IEEE Access	11		59917	59934	3.9	10.1109/ACCESS.2023.3284993
953	Alluraiah N.C., Vijayapriya P.	Optimization, Design, and Feasibility Analysis of a Grid-Integrated Hybrid AC/DC Microgrid System for Rural Electrification	IEEE Access	11		67013	67029	3.9	10.1109/ACCESS.2023.3291010
954	Sharma R.K., Issac B., Xin Q., Gadekallu T.R., Nath K.	Plant and Salamander Inspired Network Attack Detection and Data Recovery Model	Sensors	23	12			3.9	10.3390/s23125562
955	Adarsh J.K., Sreedevi V.T., Thangavelusamy D.	Product Review System With BERT for Sentiment Analysis and Implementation of Administrative Privileges on Node-RED	IEEE Access	11		65968	65976	3.9	10.1109/ACCESS.2023.3275738
956	Mathai J., K Jose A., Anjana M.P., Aleena P.A., Kunjumon J., Ittyachan R., S.Nair S., Vinitha G., Sajan D.	Substantial effect of Cr doping on the third-order nonlinear optical properties of ZnO nanostructures	Optical Materials	142				3.9	10.1016/j.optmat.2023.114128

957	Afjal M., Kathiravan C., Dana L.P., Nagarajan C.D.	The Dynamic Impact of Financial Technology and Energy Consumption on Environmental Sustainability	Sustainability (Switzerland)	15	12			3.9	10.3390/su15129327
958	Joseph C., Muthukumar C., Ng L.F., Subramanian J., Ramesh C., Krishnasamy S., Thiagamani S.M.K.	The effect of nanoclay on the performance of basalt-epoxy facesheet and foam core sandwich panels	Journal of Sandwich Structures and Materials					3.9	10.1177/10996362231191140
959	Sakthivel R., Abinandhitha R., Harshavarthini S., Mohammadzadeh A., Saat S.	Anti-disturbance observer-based finite-time reliable control design for fuzzy switched systems	Fuzzy Sets and Systems	471				3.9	10.1016/j.fss.2023.108673
960	Vadivel R., Njitacke Z.T., Shanmugam L., Hammachukiattikul P., Gunasekaran N.	Dynamical analysis and reachable set estimation of T-S fuzzy system with permanent magnet synchronous motor	Communications in Nonlinear Science and Numerical Simulation	125				3.9	10.1016/j.cnsns.2023.107407
961	Sathish K., Chinthaginjala R., Kim W., Rajesh A., Corchado J.M., Abbas M.	Underwater Wireless Sensor Networks with RSSI-Based Advanced Efficiency-Driven Localization and Unprecedented Accuracy	Sensors	23	15			3.9	10.3390/s23156973
962	Gyasi E.K., Purushotham S.	Soil-MobiNet: A Convolutional Neural Network Model Base Soil Classification to Determine Soil Morphology and Its Geospatial Location	Sensors	23	15			3.9	10.3390/s23156709

963	Dass R., Narayanan M., Ananthkrishnan G., Kathirvel Murugan T., Nallakaruppan M.K., Somayaji S.R.K., Arputharaj K., Khan S.B., Almusharraf A.	A Cluster-Based Energy-Efficient Secure Optimal Path-Routing Protocol for Wireless Body-Area Sensor Networks	Sensors	23	14			3.9	10.3390/s23146274
964	Bharath Sreenivasulu V., Aruna Kumari N., Kola S.R., Singh J., Li Y.	Exploring the Performance of 3-D Nanosheet FET in Inversion and Junctionless Modes: Device and Circuit-Level Analysis and Comparison	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3306050
965	Hunachal S.M., Arunkumar G.	Design and Analysis of a Single-Stage Simultaneous Charging Converter Using a SiC-Based Quasi-Z-Source Resonant Converter for a Wide Output Voltage Range	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3307713
966	Neeraja R., Jani Anbarasi L.	CephXNet: A Deep Convolutional Squeeze-and-Excitation model for Landmark Prediction on Lateral Cephalograms	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3307636
967	Sulthana S.F., Wise C.T.A., Ravikumar C., Anbazhagan R., Idayachandran G., Pau G.	Review Study on Recent Developments in Fire Sensing Methods	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3306812

968	Darsana P., Kumar V.N.	Extracting Fetal ECG Signals through a Hybrid Technique Utilizing Two Wavelet-Based Denoising Algorithms	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3308409
969	Manikandan N.S., Kaliyaperumal G.	Hardware and Software Design for Mobile Robot's Navigation over On-road and Off-road Curvature Paths	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3305678
970	Rajyalakshmi V., Lakshmana K.	Intelligent Face Recognition Based Multi-Location Linked IoT Based Car Parking System	IEEE Access	11		84258	84269	3.9	10.1109/ACCESS.2023.3302905
971	Priya G.L., Baskar C., Deshmane S.S., Adithya C., Das S.	Revolutionizing Holy-Basil Cultivation with AI-Enabled Hydroponics System	IEEE Access	11		82624	82639	3.9	10.1109/ACCESS.2023.3300912
972	Borah N., Baruah U., Thylore Ramakrishna M., Kumar V.V., Dorai D.R., Rajkumar Annad J.	Efficient Assamese Word Recognition for Societal Empowerment: A Comparative Feature-Based Analysis	IEEE Access	11		82302	82326	3.9	10.1109/ACCESS.2023.3301564
973	Valarmathi B., Srinivasa Gupta N., Prakash G., Hemadri Reddy R., Saravanan S., Shanmugasundaram P.	Hybrid Deep Learning Algorithms for Dog Breed Identification - A Comparative Analysis	IEEE Access	11		77228	77239	3.9	10.1109/ACCESS.2023.3297440

974	Nayak N.K.S., Bhattacharyya B.	MAC Protocol Based IoT Network Intrusion Detection Using Improved Efficient Shuffle Bidirectional COOT Channel Attention Network	IEEE Access	11		77385	77402	3.9	10.1109/ACCESS.202 3.3299031
975	Malik S.H., Fu W., Rasool S.F., Wani G.A., Zaman S., Wani N.A.	Investigating the Impact of Communication Factors and Stakeholders Engagement on Renewable Energy Projects in Pakistan	Sustainability (Switzerland)	15	14			3.9	10.3390/su1514112 89
976	Swain D., Viswavandya M., Dash R., Reddy K.J., Chittathuru D., Gopal A., Khan B., Ravindra M.	P2P Coordinated Control between SPV and STATCOM in a Microgrid for Power Quality Compensation Using LSTM–Genetic Algorithm	Sustainability (Switzerland)	15	14			3.9	10.3390/su1514109 13
977	Bonthu B., Mohan S.	Combining Wi-Fi Fingerprinting and Pedestrian Dead Reckoning to Mitigate External Factors for a Sustainable Indoor Positioning System	Sustainability (Switzerland)	15	14			3.9	10.3390/su1514109 43
978	Lavanya V., Pavithra D., Mohanapriya A., Santhakumar K., Senthil Kumar A.	A π - π Bonding-Assisted Molecular-Wiring of Folded- Cytochrome c and Naphthoquinone and Its Electron-Relay-Based Bioelectrocatalytic H ₂ O ₂ Reduction Reaction Visualized by Redox-Competitive Scanning Electrochemical Microscopy	Langmuir					3.9	10.1021/acs.langmui r.3c00941

979	Das S., Giri S., Jose S.A., Pulimi M., Anand S., Chandrasekaran N., Rai P.K., Mukherjee A.	Comparative toxicity assessment of individual, binary and ternary mixtures of SiO ₂ , Fe ₃ O ₄ , and ZnO nanoparticles in freshwater microalgae, <i>Scenedesmus obliquus</i> : Exploring the role of dissolved ions	Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology	273				3.9	10.1016/j.cbpc.2023.109718
980	Murugan R., Haridevamuthu B., Kumar R.S., Almutairi B.O., Arokiyaraj S., Arockiaraj J.	Deacetyl epoxyazadiradione ameliorates BPA-induced neurotoxicity by mitigating ROS and inflammatory markers in N9 cells and zebrafish larvae	Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology	271				3.9	10.1016/j.cbpc.2023.109692
981	Devaraji V., Jayanthi S.	Computational formulation study of insulin on biodegradable polymers	RSC Advances	13	29	20282	20297	3.9	10.1039/d3ra02845c
982	Srinivasan S., Ranganathan V., McConnell E.M., Murari B.M., DeRosa M.C.	Aptamer-based colorimetric and lateral flow assay approaches for the detection of toxic metal ions, thallium(i) and lead(ii)	RSC Advances	13	29	20040	20049	3.9	10.1039/d3ra01658g
983	Prasad K.V., Vasugi V., Antony J., Garza-Reyes J.A., Venkatesan R.	Lean readiness of organizations—A systematic scientometric review	Total Quality Management and Business Excellence					3.9	10.1080/14783363.2023.2232736
984	Ramalingam P.S., Priyadharshini A., Emerson I.A., Arumugam S.	Potential biomarkers uncovered by bioinformatics analysis in sotorasib resistant-pancreatic ductal adenocarcinoma	Frontiers in Medicine	10				3.9	10.3389/fmed.2023.1107128

985	Premanand A., Reena Rajkumari B.	Bioinformatic analysis of gene expression data reveals Src family protein tyrosine kinases as key players in androgenetic alopecia	Frontiers in Medicine	10				3.9	10.3389/fmed.2023.1108358
986	Premkumar T., Sajitha Lulu S.	Molecular crosstalk between COVID-19 and Alzheimer's disease using microarray and RNA-seq datasets: A system biology approach	Frontiers in Medicine	10				3.9	10.3389/fmed.2023.1151046
987	Joshua C.J., Jayachandran P., Md A.Q., Sivaraman A.K., Tee K.F.	Clustering, Routing, Scheduling, and Challenges in Bio-Inspired Parameter Tuning of Vehicular Ad Hoc Networks for Environmental Sustainability	Sustainability (Switzerland)	15	6			3.9	10.3390/su15064767
988	Sakthivel R., Satheesh T., Harshavarthini S., Chadli M., Saat S.	Fault-alarm based hybrid control design for uncertain periodic piecewise time-varying systems with actuator constraints	International Journal of Robust and Nonlinear Control					3.897	10.1002/rnc.6667
989	Lakshmanan S., Joo Y.H.	Decentralized observer-based integral sliding mode control design of large-scale interconnected systems and its application to doubly fed induction generator-based wind farm model	International Journal of Robust and Nonlinear Control					3.897	10.1002/rnc.6673

990	Panjacharam P., Ulabala V., Jayakumar J., Rajasekhara Reddy S.	Emerging trends in the sustainable synthesis of N-N bond bearing organic scaffolds	Organic and Biomolecular Chemistry					3.890	10.1039/d3ob00300 k
991	Ramkumar A., Sreedharan R., Rajeshwaran P., Gandhi T.	Ruthenium(ii)-catalyzed oxidative dehydrogenation and hydroarylation of maleimides with phthalazinones - insights into additive-controlled product selectivity	Organic and Biomolecular Chemistry	21	13	2695	2699	3.89	10.1039/d3ob00297 g
992	Ganesh K., Sambasivam G., Karthikeyan S.	A facile, one-pot reductive alkylation of aromatic and heteroaromatic amines in aqueous micellar media: a chemoenzymatic approach	Organic and Biomolecular Chemistry					3.89	10.1039/d3ob00386 h
993	Samuel Rajan I.A.P., Rajendran S.	Amidic resonance not a barrier for transamidation of N-pivaloyl activated amides: catalyst, base and additive free conditions	Organic and Biomolecular Chemistry					3.89	10.1039/d3ob00418j
994	Shetgaonkar S.E., Singh F.V.	Catalytic stereoselective synthesis involving hypervalent iodine-based chiral auxiliaries	Organic and Biomolecular Chemistry	21	20	4163	4180	3.89	10.1039/d3ob00057 e
995	Venkatesaperumal R., Syed Jafar K., Elumalai P.V., Abbas M., Cuce E., Shaik S., Saleel C.A.	Heat Transfer Studies on Solar Parabolic trough Collector Using Corrugated Tube Receiver with Conical Strip Inserts	Sustainability (Switzerland)	15	1			3.889	10.3390/su1501037 8

996	Parthiban J., Jambulingam R.	Enhancing the Biodiesel Production Potential of <i>Synechococcus elongatus</i> and <i>Anabaena</i> Cyanobacterial Strain Isolated from Saline Water Using Different Media Composition and Organic Carbon Sources	Sustainability (Switzerland)	15	1			3.889	10.3390/su15010870
997	Anbarasu M., Kasiviswanathan M., Kathiresan M., Mohan Ganesh G.	Numerical Parametric Study and Design of Pultruded GFRP Composite Channel Columns	Sustainability (Switzerland)	15	1			3.889	10.3390/su15010837
998	Franklin R.V.R., Fathima A.P.	Frequency Regulation for State-Space Model-Based Renewables Integrated to Multi-Area Microgrid Systems	Sustainability (Switzerland)	15	3			3.889	10.3390/su15032552
999	Ananthkrishnan B., Shaik A., Chakrabarti S., Shukla V., Paul D., Kavitha M.S.	Smart Diagnosis of Adenocarcinoma Using Convolution Neural Networks and Support Vector Machines	Sustainability (Switzerland)	15	2			3.889	10.3390/su15021399
1000	Sudarshan S.B., Arunkumar G.	Isolated DC-DC Power Converters for Simultaneous Charging of Electric Vehicle Batteries: Research Review, Design, High-Frequency Transformer Testing, Power Quality Concerns, and Future	Sustainability (Switzerland)	15	3			3.889	10.3390/su15032813

1001	Anbalagan S., Srividya P., Thilaksurya B., Senthivel S.G., Suganeshwari G., Raja G.	Vision-Based Ingenious Lane Departure Warning System for Autonomous Vehicles	Sustainability (Switzerland)	15	4			3.889	10.3390/su15043535
1002	Pandi D., Kothandaraman S., Kuppusamy M.	Simulation of Water Balance Components Using SWAT Model at Sub Catchment Level	Sustainability (Switzerland)	15	2			3.889	10.3390/su15021438
1003	Aditya K., Suresh Y., Kumar R.D., Naik B.S., Rao B.N., Dhanamjayulu C.	A Single Source Self-Balanced Boost MLI with Reduced Part Count for EV Applications	Sustainability (Switzerland)	15	5			3.889	10.3390/su15054149
1004	Supriya Y., Gadekallu T.R.	Particle Swarm-Based Federated Learning Approach for Early Detection of Forest Fires	Sustainability (Switzerland)	15	2			3.889	10.3390/su15020964
1005	Mahanth T., Suryasekaran C.R., Ponnambalam S.G., Sankaranarayanan B., Karuppiah K., Nielsen I.E.	Modelling the Barriers to Circular Economy Practices in the Indian State of Tamil Nadu in Managing E-Wastes to Achieve Green Environment	Sustainability (Switzerland)	15	5			3.889	10.3390/su15054224
1006	Kushwaha B.P., Shiva A., Tyagi V.	How Investors' Financial Well-being Influences Enterprises and Individual's Psychological Fitness? Moderating Role of Experience under Uncertainty	Sustainability (Switzerland)	15	2			3.889	10.3390/su15021699

1007	Lakshmanan R., Anbu M., Noguchi M.	Analysis of Design Agents for Mediation of Gender Inclusivity in Domestic Space: A Case Study of Chettinad Vernacular Architecture	Sustainability (Switzerland)	15	4			3.889	10.3390/su15043643
1008	Thayyib P.V., Mamilla R., Khan M., Fatima H., Asim M., Anwar I., Shamsudheen M.K., Khan M.A.	State-of-the-Art of Artificial Intelligence and Big Data Analytics Reviews in Five Different Domains: A Bibliometric Summary	Sustainability (Switzerland)	15	5			3.889	10.3390/su15054026
1009	Sundararajan K., Srinivasan K.	Feature-Weighting-Based Prediction of Drought Occurrence via Two-Stage Particle Swarm Optimization	Sustainability (Switzerland)	15	2			3.889	10.3390/su15020929
1010	Enam M., Shajar S.N., Das N.	Non-Monotonic Relationship between Corporate Governance and Banks' Operating Performance—The Moderating Role of CEO Duality: Evidence from Selected Countries	Sustainability (Switzerland)	15	7			3.889	10.3390/su15075643
1011	Md A.Q., Anand R.V., Mohan S., Joshua C.J., Girish S.S., Devarajan A., Iwendi C.	Data-Driven Analysis of Privacy Policies Using LexRank and KL Summarizer for Environmental Sustainability	Sustainability (Switzerland)	15	7			3.889	10.3390/su15075941

1012	Velusamy P., Srinivasan J., Subramanian N., Mahendran R.K., Saleem M.Q., Ahmad M., Shafiq M., Choi J.- G.	Optimization-Driven Machine Learning Approach for the Prediction of Hydrochar Properties from Municipal Solid Waste	Sustainability (Switzerland)	15	7			3.889	10.3390/su1507608 8
1013	Arumugham V., Ghanimi H.M.A., Pustokhin D.A., Pustokhina I.V., Ponnam V.S., Alharbi M., Krishnamoorthy P., Sengan S.	An Artificial-Intelligence- Based Renewable Energy Prediction Program for Demand-Side Management in Smart Grids	Sustainability (Switzerland)	15	6			3.889	10.3390/su1506545 3
1014	Sathiyamoorthy M., Masilamani U.S., Chadee A.A., Golla S.D., Aldagheiri M., Sihag P., Rathnayake U., Patidar J., Shukla S., Singh A.K., Kumar B., Martin H.	Sustainability of Groundwater Potential Zones in Coastal Areas of Cuddalore District, Tamil Nadu, South India Using Integrated Approach of Remote Sensing, GIS and AHP Techniques	Sustainability (Switzerland)	15	6			3.889	10.3390/su1506533 9
1015	Feroskhan M., Ismail S., Natarajan G., Manavalla S., Khan T.M.Y., Khadar S.D.A., Ali M.A.	A Comprehensive Study of the Effects of Various Operating Parameters on a Biogas-Diesel Dual Fuel Engine	Sustainability (Switzerland)	15	2			3.889	10.3390/su1502123 2

1016	Gyaneshwar A., Mishra A., Chadha U., Raj Vincent P.M.D., Rajinikanth V., Pattukandan Ganapathy G., Srinivasan K.	A Contemporary Review on Deep Learning Models for Drought Prediction	Sustainability (Switzerland)	15	7			3.889	10.3390/su1507616 0
1017	Prasad K.V., Vasugi V.	Readiness Factors for Sustainable Lean Transformation of Construction Organizations	Sustainability (Switzerland)	15	8			3.889	10.3390/su1508643 3
1018	Anjaneyulu M., Kubendiran M.	Short-Term Traffic Congestion Prediction Using Hybrid Deep Learning Technique	Sustainability (Switzerland)	15	1			3.889	10.3390/su1501007 4
1019	Ponnambalam S.G., Sankaranarayanan B., Karupiah K., Thinakaran S., Chandravelu P., Lam H.L.	Analysing the Barriers Involved in Recycling the Textile Waste in India Using Fuzzy DEMATEL	Sustainability (Switzerland)	15	11			3.889	10.3390/su1511886 4
1020	Blessy A., Kumar A., A P., Md A.Q., Alharbi A.I., Almusharraf A., Khan S.B.	Sustainable Irrigation Requirement Prediction Using Internet of Things and Transfer Learning	Sustainability (Switzerland)	15	10			3.889	10.3390/su1510826 0
1021	Pandey G.K., Sikha S.S., Thakur A., Yarlagadda S.S., Thatikonda S.S., Baiju suja B., Mystkowski A., Dragašius E., Gundabattini E.	Thermal Mapping and Heat Transfer Analysis of an Induction Motor of an Electric Vehicle Using Nanofluids as a Cooling Medium	Sustainability (Switzerland)	15	10			3.889	10.3390/su1510812 4

1022	Mahesh A., Banerjee D., Saha A., Prusty M.R., Balasundaram A.	CE-EEN-B0: Contour Extraction Based Extended EfficientNet-B0 for Brain Tumor Classification Using MRI Images	Computers, Materials and Continua	74	3	5967	5982	3.860	10.32604/cmc.2023.033920
1023	Nain Z., Shahana B., Chaudhry S.A., Viswanathan P., Mekala M.S., Kim S.W.	Optimizing Service Stipulation Uncertainty with Deep Reinforcement Learning for Internet Vehicle Systems	Computers, Materials and Continua	74	3	5705	5721	3.860	10.32604/cmc.2023.033194
1024	Vasudevan P., Mattins R.F., Srivarshan S., Narayanan A., Wadhwani G., Parvathi R., Maheswari R.	Gait Image Classification Using Deep Learning Models for Medical Diagnosis	Computers, Materials and Continua	74	3	6039	6063	3.860	10.32604/cmc.2023.032331
1025	Kumar A., Md A.Q., Jackson J.C., Iwendi C.	Predicting and Curing Depression Using Long Short Term Memory and Global Vector	Computers, Materials and Continua	74	3	5837	5852	3.860	10.32604/cmc.2023.033431
1026	Priyadarsini K., Sivaraman A.K., Md A.Q., Malibari A.	Securing 3D Point and Mesh Fog Data Using Novel Chaotic Cat Map	Computers, Materials and Continua	74	3	6703	6717	3.860	10.32604/cmc.2023.030648
1027	Monica K.M., Parvathi R.	Efficient Gait Analysis Using Deep Learning Techniques	Computers, Materials and Continua	74	3	6229	6249	3.860	10.32604/cmc.2023.032273
1028	Sandhya S., Balasundaram A., Shaik A.	Deep Learning Based Face Detection and Identification of Criminal Suspects	Computers, Materials and Continua	74	2	2331	2343	3.860	10.32604/cmc.2023.032715

1029	Peng J., Zhao Y., Zhang D., Li F., Sangaiah A.K.	DSAFF-Net: A Backbone Network Based on Mask R-CNN for Small Object Detection	Computers, Materials and Continua	74	2	3405	3419	3.860	10.32604/cmc.2023.027627
1030	Krishnadoss P., Poornachary V.K., Krishnamoorthy P., Shanmugam L.	Improvised Seagull Optimization Algorithm for Scheduling Tasks in Heterogeneous Cloud Environment	Computers, Materials and Continua	74	2	2461	2478	3.860	10.32604/cmc.2023.031614
1031	Raj S S., Prasad M.V.N.K., Balakrishnan R.	Generative Segment-pose Representation based Augmentation (GSRA) for unsupervised person re-identification	Image and Vision Computing	131				3.860	10.1016/j.imavis.2023.104632
1032	Boruah S., Dehloo A., Gupta P., Prusty M.R., Balasundaram A.	Gaussian Blur Masked ResNet2.0 Architecture for Diabetic Retinopathy Detection	Computers, Materials and Continua	75	1	927	942	3.860	10.32604/cmc.2023.035143
1033	Anjaneyulu M., Kubendiran M.	Short Term Traffic Flow Prediction Using Hybrid Deep Learning	Computers, Materials and Continua	75	1	1641	1656	3.860	10.32604/cmc.2023.035056
1034	Ajeypasaath K.B., Vetrivelan P.	Machine Learning Based Classifiers for QoE Prediction Framework in Video Streaming over 5G Wireless Networks	Computers, Materials and Continua	75	1	1919	1939	3.860	10.32604/cmc.2023.036013
1035	Ravikumar A., Sriraman H.	Attenuate Class Imbalance Problem for Pneumonia Diagnosis Using Ensemble Parallel Stacked Pre-Trained Models	Computers, Materials and Continua	75	1	891	909	3.860	10.32604/cmc.2023.035848

1036	Haritha T., Anitha A.	Asymmetric Consortium Blockchain and Homomorphically Polynomial-Based PIR for Secured Smart Parking Systems	Computers, Materials and Continua	75	2	3923	3939	3.86	10.32604/cmc.2023.036278
1037	Puppala R., Jeyaraj B.E., Isaac J.R., CH H.B.	Framework for smart grid to implement a price elasticity-based peak time rebate demand response program	Frontiers in Energy Research	10				3.858	10.3389/fenrg.2022.1079695
1038	Ramalingegowda C.H., Rudramoorthy M.	Transient stability enhancement using optimized PI tuning of static synchronous series compensator in wind power conversion system	Frontiers in Energy Research	11				3.858	10.3389/fenrg.2023.1125408
1039	Dhanasekaran P., Marimuthu R.	Efficiency enhancement of natural cocktail dyes in a TiO ₂ -based dye-sensitized solar cell and performance of electron kinetics on the TiO ₂ surface	Frontiers in Energy Research	10				3.858	10.3389/fenrg.2022.998038
1040	Mathesh G., Saravanakumar R.	A novel digital control scheme for power management in a hybrid energy-source environment pertaining to electric vehicle applications	Frontiers in Energy Research	11				3.858	10.3389/fenrg.2023.1130401

1041	Gogula V., Edward B.	Fault detection in a distribution network using a combination of a discrete wavelet transform and a neural Network's radial basis function algorithm to detect high-impedance faults	Frontiers in Energy Research	11				3.858	10.3389/fenrg.2023.1101049
1042	Ramkumar A., Marimuthu R.	The reclassification of energy sources for electrical energy	Frontiers in Energy Research	11				3.858	10.3389/fenrg.2023.1150074
1043	Sreenath S., Sam A.A.	Hybrid membrane-cryogenic CO2 capture technologies: A mini-review	Frontiers in Energy Research	11				3.858	10.3389/fenrg.2023.1167024
1044	Aneesh A.M., Sam A.A.	A mini-review on cryogenic carbon capture technology by desublimation: theoretical and modeling aspects	Frontiers in Energy Research	11				3.858	10.3389/fenrg.2023.1167099
1045	K M.P., Somasundaram M., Anand B., Shankar R., P R.	A Review on Pyrolysis of Agro-waste and Plastic Waste into Biofuels: Shifting to Bio-based Economy	Bioenergy Research					3.852	10.1007/s12155-023-10565-y
1046	Shinde S., Miryala S.K., Anbarasu A., Ramaiah S.	Systems biology approach to understand the interplay between Bacillus anthracis and human host genes that leads to CVDs	Microbial Pathogenesis	176				3.848	10.1016/j.micpath.2023.106019

1047	Gopikrishnan M., George Priya Doss C.	Molecular docking and dynamic approach to screen the drug candidate against the Imipenem-resistant CarO porin in <i>Acinetobacter baumannii</i>	Microbial Pathogenesis	177				3.848	10.1016/j.micpath.2023.106049
1048	Anusha M., Tejaswini V., Udhaya Kumar S., Prashantha C.N., Vasudevan K., George Priya Doss C.	Gene network interaction analysis to elucidate the antimicrobial resistance mechanisms in the <i>Clostridium difficile</i>	Microbial Pathogenesis	178				3.848	10.1016/j.micpath.2023.106083
1049	Ragupathi N.K.D., Muthuirulandi Sethuvel D.P., Gopikrishnan M., Dwarakanathan H.T., Murugan D., Biswas I., Bakthavachalam Y.D., Murugesan M., George Priya Doss C., Monk P.N., Karunakaran E., Veeraraghavan B.	Phage-based therapy against biofilm producers in gram-negative ESKAPE pathogens	Microbial Pathogenesis	178				3.848	10.1016/j.micpath.2023.106064
1050	Tyagi A.K., Dananjayan S., Agarwal D., Thariq Ahmed H.F.	Blockchain—Internet of Things Applications: Opportunities and Challenges for Industry 4.0 and Society 5.0	Sensors	23	2			3.847	10.3390/s23020947
1051	Evelyn Ezhilarasi I., Clement J.C.	GRU-SVM Based Threat Detection in Cognitive Radio Network	Sensors	23	3			3.847	10.3390/s23031326

1052	Vimala B.B., Srinivasan S., Mathivanan S.K., Muthukumaran V., Babu J.C., Herencsar N., Vilcekova L.	Image Noise Removal in Ultrasound Breast Images Based on Hybrid Deep Learning Technique	Sensors	23	3			3.847	10.3390/s23031167
1053	Mahesh R N U., Nelleri A.	Multi-Class Classification and Multi-Output Regression of Three-Dimensional Objects Using Artificial Intelligence Applied to Digital Holographic Information	Sensors	23	3			3.847	10.3390/s23031095
1054	Gayathri R., Usharani S., Mahdal M., Vezhavendhan R., Vincent R., Rajesh M., Elangovan M.	Detection and Mitigation of IoT-Based Attacks Using SNMP and Moving Target Defense Techniques	Sensors	23	3			3.847	10.3390/s23031708
1055	Venkatapathy S., Srinivasan T., Jo H.-G., Ra I.-H.	Optimal Resource Allocation for 5G Network Slice Requests Based on Combined PROMETHEE-II and SLE Strategy	Sensors	23	3			3.847	10.3390/s23031556
1056	Nandhini R.S., Lakshmanan R.	QCNN_BaOpt: Multi-Dimensional Data-Based Traffic-Volume Prediction in Cyber-Physical Systems	Sensors	23	3			3.847	10.3390/s23031485
1057	Kamath B N., Fernandes R., Rodrigues A.P., Mahmud M., Vijaya P., Gadekallu T.R., Kaiser M.S.	TAKEN: A Traffic Knowledge-Based Navigation System for Connected and Autonomous Vehicles	Sensors	23	2			3.847	10.3390/s23020653

1058	Anusooya G., Bharathiraja S., Mahdal M., Sathyarajasekaran K., Elangovan M.	Self-Supervised Wavelet- Based Attention Network for Semantic Segmentation of MRI Brain Tumor	Sensors	23	5			3.847	10.3390/s23052719
1059	Guha Roy D.	BlockEdge: A Privacy-Aware Secured Edge Computing Framework Using Blockchain for Industry 4.0	Sensors	23	5			3.847	10.3390/s23052502
1060	Matheen M.A., Sundar S.	A Novel Technique to Mitigate the Data Redundancy and to Improve Network Lifetime Using Fuzzy Criminal Search Ebola Optimization for WMSN	Sensors	23	4			3.847	10.3390/s23042218
1061	Kalaivanan K., Idayachandran G., Vetrivelan P., Henridass A., Bhanumathi V., Chang E., Methuselah P.S.	An Energy-Efficient T-Based Routing Topology for Target Tracking in Battery Operated Mobile Wireless Sensor Networks	Sensors	23	4			3.847	10.3390/s23042162
1062	Vasan V., Sridharan N.V., Prabhakaranpillai Sreelatha A., Vaithyanathan S.	Tire Condition Monitoring Using Transfer Learning-Based Deep Neural Network Approach	Sensors	23	4			3.847	10.3390/s23042177

1063	Sripathi Venkata Naga S.K., Yesuraj R., Munuswamy S., Arputharaj K.	A Comprehensive Survey on Certificate-Less Authentication Schemes for Vehicular Ad hoc Networks in Intelligent Transportation Systems	Sensors	23	5			3.847	10.3390/s23052682
1064	Suganthi K., Kumar M.A., Harish N., HariKrishnan S., Rajesh G., Reka S.S.	Advanced Driver Assistance System Based on IoT V2V and V2I for Vision Enabled Lane Changing with Futuristic Drivability	Sensors	23	7			3.847	10.3390/s23073423
1065	H S., Venkataraman N.	Proactive Fault Prediction of Fog Devices Using LSTM-CRP Conceptual Framework for IoT Applications	Sensors	23	6			3.847	10.3390/s23062913
1066	Paramanandham N., Rajendiran K., Poovathy J F.G., Premanand Y.S., Mallichetty S.R., Kumar P.	Pixel Intensity Resemblance Measurement and Deep Learning Based Computer Vision Model for Crack Detection and Analysis	Sensors	23	6			3.847	10.3390/s23062954
1067	Panda P., C U O.K., Marappan S., Ma S., S M., Veesani Nandi D.	Transfer Learning for Image-Based Malware Detection for IoT	Sensors	23	6			3.847	10.3390/s23063253
1068	Castro Aguiar R., Sam Jeeva Raj E.J., Chakrabarty S.	Simplified Markerless Stride Detection Pipeline (sMaSDP) for Surface EMG Segmentation	Sensors	23	9			3.847	10.3390/s23094340

1069	Sathish K., CV R., Ab Wahab M.N., Anbazhagan R., Pau G., Akbar M.F.	Underwater Wireless Sensor Networks Performance Comparison Utilizing Telnet and Superframe	Sensors	23	10			3.847	10.3390/s23104844
1070	Shanthi A., Koppu S.	Remora Namib Beetle Optimization Enabled Deep Learning for Severity of COVID-19 Lung Infection Identification and Classification Using CT Images	Sensors	23	11			3.847	10.3390/s23115316
1071	Joshi R., GG L.P., Faqeerzada M.A., Bhattacharya T., Kim M.S., Baek I., Cho B.-K.	Deep Learning-Based Quantitative Assessment of Melamine and Cyanuric Acid in Pet Food Using Fourier Transform Infrared Spectroscopy	Sensors	23	11			3.847	10.3390/s23115020
1072	Sathish K., Hamdi M., Chinthaginjala Venkata R., Alibakhshikenari M., Ayadi M., Pau G., Abbas M., Shukla N.K.	Acoustic Wave Reflection in Water Affects Underwater Wireless Sensor Networks	Sensors	23	11			3.847	10.3390/s23115108
1073	Talib M., Tripathi N., Manzoor S., Sharma P., Pavelyev V., Volkov V.S., Arsenin A.V., Novikov S.M., Mishra P.	TiS3 Nanoribbons: A Novel Material for Ultra-Sensitive Photodetection across Extreme Temperature Ranges	Sensors	23	10			3.847	10.3390/s23104948

1074	Mondal H., Silvia D.D.G., Emerson I.A., Chandrasekaran N., Mukherjee A., Thomas J.	Antibacterial activity of a novel compound isolated from <i>Bacillus licheniformis</i> for treating bacterial infections in fishes: An in-silico approach	Molecular and Cellular Biochemistry					3.842	10.1007/s11010-023-04687-2
1075	Jagadeesan S., Karpagam S.	Novel series of N-acyl substituted indole based piperazine, thiazole and tetrazoles as potential antibacterial, antifungal, antioxidant and cytotoxic agents, and their docking investigation as potential Mcl-1 inhibitors	Journal of Molecular Structure	1271				3.841	10.1016/j.molstruc.2022.134013
1076	Balakrishnan C., Manonmani M., Ahamed S.R., Vinitha G., Meenakshisundaram S.P.	Crystal structure, Hirshfeld surface analysis and third-order nonlinear optical properties of supramolecular complexes of 18-crown-6 with 6-hydrazinonicotinichydrazide and p-phenylenediamine	Journal of Molecular Structure	1275				3.841	10.1016/j.molstruc.2022.134569
1077	Pramila M.J., Dhas D.A., Joe I.H., Balachandran S., Vinitha G.	Structural insights, spectral, fluorescence, Z-scan, C-H...O/N-H...O hydrogen bonding and AIM, RDG, ELF, LOL, FUKUI analysis, NLO activity of N-2(Methoxy phenyl) acetamide	Journal of Molecular Structure	1272				3.841	10.1016/j.molstruc.2022.134140

1078	Balakrishnan C., Manonmani M., Ahamed S.R., Vinitha G., Meenakshisundaram S.P.	Supramolecular architecture, Hirshfeld surface analysis and third-order nonlinear optical properties of crown ether with 5-nitroisophthalic acid monomethyl ester and trimesic acid	Journal of Molecular Structure	1277				3.841	10.1016/j.molstruc.2 022.134853
1079	Jacob K., Clement J., Arockiaraj M., Paul D., Balasubramanian K.	Topological characterization and entropy measures of tetragonal zeolite merlinoites	Journal of Molecular Structure	1277				3.841	10.1016/j.molstruc.2 022.134786
1080	Kavitha S., Vizhi R.E.	Studies on synthesis, structural, thermal, optical, spectral and mechanical properties of an inorganic strontium nitrate NLO single crystal	Journal of Molecular Structure	1276				3.841	10.1016/j.molstruc.2 022.134746
1081	Femi Frederic N.F., Arul Dhas D., Hubert Joe I., Gunasekaran B., Sindhusha S., Vinitha G.	Synthesis, structure, spectroscopic, topological analysis of novel intermolecular N[sbnd]H...N and N[sbnd]H...O hydrogen bonded NLO active melaminium cyanoacetate single crystal: Experimental and theoretical approach	Journal of Molecular Structure	1274				3.841	10.1016/j.molstruc.2 022.134515

1082	Kesavan M.P., Ravi L., Balachandran C., Thangadurai T.D., Aoki S., Webster T.J., Rajesh J.	Promising anticancer activity with high selectivity of DNA/plasma protein targeting new phthalazin-1(2H)-one heterocyclic scaffolds	Journal of Molecular Structure	1274				3.841	10.1016/j.molstruc.2022.134423
1083	Roniboss A., Sindhu S., Kennedy L.J., Arockiasamy S.	Synthesis and thermal properties of two novel cobalt (II) Schiff's base complexes as precursors for coating cobalt oxide (Co ₃ O ₄) thin film by a Plasma Enhanced Metallo-Organic Chemical Vapour Deposition	Journal of Molecular Structure	1272				3.841	10.1016/j.molstruc.2022.134189
1084	Pandimeena G., Mathavan T., Samuel E.J.J., Benial A.M.F.	Quantum chemical and molecular docking studies on N-tert-butoxycarbonyl (Boc)-3-aminomethyl pyridine: A potential bioactive agent for the treatment of amyotrophic lateral sclerosis	Journal of Molecular Structure	1271				3.841	10.1016/j.molstruc.2022.134056
1085	Raja P., Ghatak T.	Co(II) and 2-amino-perimidinium based new generation hybrid material promoted facile dimerization of aroyl chloride: A route to α -diketone	Journal of Molecular Structure	1271				3.841	10.1016/j.molstruc.2022.134004

1086	Poornima L., Babu R.S., Kalainathan S.	A new stilbazolium family crystal of 1-methyl-2-[2-(3-nitro-phenyl)-vinyl]-pyridinium iodide (MNPI): Investigation of the growth, structural, optical, surface and third order nonlinear optical properties	Journal of Molecular Structure	1280				3.841	10.1016/j.molstruc.2023.134976
1087	Bakri Y.E., Kurbanova M., Siddique S.A., Karthikeyan S., Maharramov A., Ramazanzade N.	Synthesis, virtual screening, and computational approach of 6-(4-methoxyphenyl)-4-phenyl-1,2-dihydropyrimidin-2-one as a potential target for thioredoxin glutathione reductase (TGR)	Journal of Molecular Structure	1286				3.841	10.1016/j.molstruc.2023.135623
1088	Sudha K.P., Mabel J.H., Easwaramoorthy D., Vinitha G.	Structural analysis and third order non-linear optical investigation of red emitting luminescent aromatic nitro group appended 2-substituted Benzimidazoles	Journal of Molecular Structure	1286				3.841	10.1016/j.molstruc.2023.135584
1089	Steffy A.D., Dhas D.A., Joe I.H., Gunasekaran B., Vinitha G.	Experimental and theoretical investigation on piperazine-1,4-dium bis (2,5-dichlorophenoxyacetate) single crystal: A potential candidate for nonlinear optical applications	Journal of Molecular Structure	1285				3.841	10.1016/j.molstruc.2023.135520

1090	Nishanth S., Nivithaa S., Sridhar C., Nagaraja K.S., Karnan C.	Structural, spectral and photoluminescence analyses of Fe ³⁺ doped methyl hydroxy(diphenyl)ethanoate (MHE) crystal	Journal of Molecular Structure	1285				3.841	10.1016/j.molstruc.2023.135501
1091	Thongni A., Phanrang P.T., Pandya C., Diengdoh D.F., Gannon P.M., Kaminsky W., Nongkhlaw R., Kumari J., Sriram D., Sivaramakrishna A., Nongkhlaw R.	Ultrasound assisted synthesis of spirooxindole analogs catalyzed by Fe ₃ O ₄ @PPCA NPs: Experimental, theoretical and in vitro biological studies	Journal of Molecular Structure	1284				3.841	10.1016/j.molstruc.2023.135363
1092	Mohamed S.K., El Bakri Y., Alfayomy A.M., Karthikeyan S., Saravanan K., Abdel-Aziz S.A., Abou-Seri S.M., Ragab F.A.F., Mague J.T., Aboelmagd M.	Insights into the crystal structure and computational studies of newly synthesized thiazolopyrimidine derivatives against adenosine receptor (Thermostabilised HUMAN A _{2a})	Journal of Molecular Structure	1284				3.841	10.1016/j.molstruc.2023.135372
1093	Steffy A.D., Dhas D.A., Joe I.H., Gunasekaran B., Vinitha G.	Crystal growth and vibrational spectroscopic studies on the novel nlo active piperazine-1,4-dium 3-phenyl-2-propenoate single crystal by experimental and computational technique	Journal of Molecular Structure	1287				3.841	10.1016/j.molstruc.2023.135655

1094	Priya B S., Rajan Babu D.	Structural, optical and mechanical properties of Di Imidazolium Oxalate Monohydrate single crystals	Journal of Molecular Structure	1291				3.841	10.1016/j.molstruc.2023.135980
1095	Jagadeesan S., Karpagam S., Noor A., Basu R.	Indole 3-heterocyclic derivative: A potential antioxidant, antidiabetic agent and their docking study on alpha amylase	Journal of Molecular Structure	1291				3.841	10.1016/j.molstruc.2023.136027
1096	Srinivasan M.P., Uthiram C., Ayeshamariam A., Kaviyarasu K., Punithavelan N.	Dielectric performance of CeO ₂ /ZnO core-shell nanocomposite with their structural, optical and morphological properties	Journal of King Saud University - Science	35	2			3.829	10.1016/j.jksus.2022.102508
1097	A.Kuppan, Sankar J.R.	Decomposition of zero divisor graph into cycles and stars	Journal of King Saud University - Science	35	1			3.829	10.1016/j.jksus.2022.102391
1098	Ma Y.-K., Johnson M., Vijayakumar V., Radhika T., Shukla A., Nisar K.S.	A note on approximate controllability of second-order impulsive stochastic Volterra-Fredholm integrodifferential system with infinite delay	Journal of King Saud University - Science	35	4			3.829	10.1016/j.jksus.2023.102637
1099	Jasmine Pemeena Priyadarsini M., Kotecha K., Rajini G.K., Hariharan K., Utkarsh Raj K., Bhargav Ram K., Indragandhi V., Subramaniaswamy V., Pandya S.	Lung Diseases Detection Using Various Deep Learning Algorithms	Journal of Healthcare Engineering	2023				3.822	10.1155/2023/3563696

1100	Uppamma P., Bhattacharya S.	Deep Learning and Medical Image Processing Techniques for Diabetic Retinopathy: A Survey of Applications, Challenges, and Future Trends	Journal of Healthcare Engineering	2023				3.822	10.1155/2023/2728719
1101	K V.B., S R., Verdú E., K K., S P R.	An optimal power flow solution to deregulated electricity power market using meta-heuristic algorithms considering load congestion environment	Electric Power Systems Research	214				3.818	10.1016/j.epsr.2022.108867
1102	Muni M.K., Kumar S., Sahu C., Dhal P.R., Parhi D.R., Patra S.K.	Better decision-making strategy with target seeking approach of humanoids using hybridized SOARANN-fuzzy technique	Journal of Computational Science	70				3.817	10.1016/j.jocs.2023.102026
1103	Eswaramoorthy N., Rajaram K.	1D graphitic carbon nitride additive modified ZnO electron transport layer for planar perovskite solar cells: 12.22 % power conversion efficiency over 1 cm ² active area	Diamond and Related Materials	136				3.806	10.1016/j.diamond.2023.109917
1104	Madhana Priya N., Archana Pai P., Thirumal Kumar D., Gnanasambandan R., Magesh R.	Elucidating the functional impact of G137V and G144R variants in Maroteaux Lamy's Syndrome by Molecular Dynamics Simulation	Molecular Diversity					3.8	10.1007/s11030-023-10694-8

1105	Kumar J., Shankar G., Kumar S., Thomas J., Singh N., Srikrishna S., Satija J., Krishnamurthy S., Modi G., Mishra S.K.	Extraction, isolation, synthesis, and biological evaluation of novel piperic acid derivatives for the treatment of Alzheimer's disease	Molecular Diversity					3.8	10.1007/s11030-023-10667-x
1106	Manoharan K., Krishna Chandar N.R.	Hydrothermal Synthesis and Characterization of Sulfur-doped g-C3N4/VS4 nanocomposite for efficient photocatalytic applications	Inorganic Chemistry Communications	155				3.8	10.1016/j.inoche.2023.111047
1107	Philip A., Ruban Kumar A.	Solvent effects on the drop cast films of few layers of MoS2 primed by facile exfoliation to realize optical and structural properties	Inorganic Chemistry Communications	154				3.8	10.1016/j.inoche.2023.110967
1108	Pal S., Bhattacharya M., Lee S.-S., Chakraborty C.	A Domain-Specific Next-Generation Large Language Model (LLM) or ChatGPT is Required for Biomedical Engineering and Research	Annals of Biomedical Engineering					3.8	10.1007/s10439-023-03306-x
1109	Manikandan C., Jaiswal A.K.	Scaffold-based spheroid models of glioblastoma multiforme and its use in drug screening	Biotechnology and Bioengineering					3.8	10.1002/bit.28481
1110	Chen F., Gadekallu T.R.	Multi-dimensional Data Optimal Classification Algorithm for Quality Evaluation of Distance Teaching in Universities	Mobile Networks and Applications					3.8	10.1007/s11036-023-02186-8

1111	Appa S.N., Arulselvi G., Balaji G.N.	CAM-YOLO: tomato detection and classification based on improved YOLOv5 using combining attention mechanism	PeerJ Computer Science	9				3.8	10.7717/peerj-cs.1463
1112	Trivedi H.D., Patel B.Y., Hadiyal S.D., Italiya G., Ramalingam P.S.	A green one-pot synthetic protocol of hexahydropyrimido[4,5-d]pyrimidin-4(1H)-one derivatives: molecular docking, ADMET, anticancer and antimicrobial studies	Molecular Diversity					3.8	10.1007/s11030-023-10712-9
1113	K N., Ravindra P.A., B A., Kannan N., G P., Sinha A.	Highly efficient phosphine-free half-sandwich Ruthenium(II) catalysts for hydrogenation of nitroarenes	Journal of Molecular Structure	1294				3.8	10.1016/j.molstruc.2023.136302
1114	Peter P., Clement J.	Potential energy determination of NPT zeolite frameworks by information entropies	Journal of Molecular Structure	1292				3.8	10.1016/j.molstruc.2023.136169
1115	Femi Frederic N.F., Dhas D.A., Joe I.H., Vinitha G.	Crystal growth, structural insights, spectral, Z-scan, N[$\text{H}\cdots\text{O}$] hydrogen bonding interaction and non-linear optical properties of the novel synthesized 2-aminopyridinium cyanoacetate crystal	Journal of Molecular Structure	1291				3.8	10.1016/j.molstruc.2023.135989

1116	Cao J., Bhuvanewari G., Arumugam T., Aravind B.R.	The digital edge: examining the relationship between digital competency and language learning outcomes	Frontiers in Psychology	14				3.8	10.3389/fpsyg.2023.1187909
1117	Singh A.C., Bhuvanewari M.	Does mental health limit organizational behavior, or not? A study drawn on resource conservation	Frontiers in Psychology	14				3.8	10.3389/fpsyg.2023.1200614
1118	Jose J.P.A., Shrivastava A., Soni P.K., Hemalatha N., Alshahrani S., Saleel C.A., Sharma A., Shaik S., Alarifi I.M.	An Analysis of the Effects of Nanofluid-Based Serpentine Tube Cooling Enhancement in Solar Photovoltaic Cells for Green Cities	Journal of Nanomaterials	2023				3.791	10.1155/2023/3456536
1119	Raja V.L., Kumar A.M.S., Kumari K.S., Bharanidharan R., Ezhilarasi P., Rajeshkannan S., Nithya T.M., Kumar S.V.	Analytical and Neural Network Analysis on Flux-Coated Aluminium Alloy by Activated TIG Welding with Synthesized Nanocomposites	Journal of Nanomaterials	2023				3.791	10.1155/2023/3657314
1120	Sundarakannan R., Balamurugan K., Jyothi Y., Arumugaprabu V., Sathish T., Mahmoud Z., Yousef E.S., Basheer D., Shaik S.	Importance of Fiber-/Nanofiller-Based Polymer Composites in Mechanical and Erosion Performance: A Review	Journal of Nanomaterials	2023				3.791	10.1155/2023/3528977

1121	Mohapatra P., Chandrasekaran N.	Effects of black cumin-based antimalarial drug loaded with nano-emulsion of bovine and human serum albumins by spectroscopic and molecular docking studies	Heliyon	9	1			3.776	10.1016/j.heliyon.2022.e12677
1122	Adhish M., Manjubala I.	Effectiveness of zebrafish models in understanding human diseases—A review of models	Heliyon	9	3			3.776	10.1016/j.heliyon.2023.e14557
1123	Shende A.P., Chidambaram R.	Cocoyam powder extracted from Colocasia antiquorum as a novel plant-based bioflocculant for industrial wastewater treatment: Flocculation performance and mechanism	Heliyon	9	4			3.776	10.1016/j.heliyon.2023.e15228
1124	Ganesapillai M., Mehta R., Tiwari A., Sinha A., Bakshi H.S., Chellappa V., Drewnowski J.	Waste to energy: A review of biochar production with emphasis on mathematical modelling and its applications	Heliyon	9	4			3.776	10.1016/j.heliyon.2023.e14873
1125	Kumar A., Gupta K., Islam Apu M.A., Abrol G.S., Tomer V.	Effect of household processing on nutritional and antinutritional composition, mineral-mineral ratios, and functional properties of Colocasia leaves	Heliyon	9	6			3.776	10.1016/j.heliyon.2023.e17137

1126	Kalidas S., Sumathi S.	Mechanical, biocompatibility and antibacterial studies of gelatin/polyvinyl alcohol/silkfibre polymeric scaffold for bone tissue engineering	Heliyon	9	6			3.776	10.1016/j.heliyon.2023.e16886
1127	Sudha S., Mary Saral A.	Studies on phytochemical, mineral content, in vitro anti-uro lithiatic and anti-diabetic activities of horse gram flour extracts and its biosynthesized Ag nanoparticles	Heliyon	9	6			3.776	10.1016/j.heliyon.2023.e16572
1128	Santhosh N., Sivaraj R.	Comparative heat transfer performance of hydromagnetic mixed convective flow of cobalt-water and cobalt-kerosene ferro-nanofluids in a porous rectangular cavity with shape effects	European Physical Journal Plus	138	3			3.758	10.1140/epjp/s13360-023-03837-1
1129	Rao T.D., Chakraverty S., Karunakar P., Sahoo B.K.	Estimation of fuzzy band for radon transport mechanism in earth crust	European Physical Journal Plus	138	3			3.758	10.1140/epjp/s13360-023-03778-9
1130	Paul D., Arockiaraj M., Jacob K., Clement J.	Multiplicative versus scalar multiplicative degree based descriptors in QSAR/QSPR studies and their comparative analysis in entropy measures	European Physical Journal Plus	138	4			3.758	10.1140/epjp/s13360-023-03920-7

1131	Govindarajulu K., Reddy A.S., Chamkha A.J.	Entropy analysis on oscillating flow of third grade nanofluid in a channel with Joule heating: a Buongiorno model approach	European Physical Journal Plus	138	5			3.758	10.1140/epjp/s1336 0-023-04061-7
1132	Ravi V., Grace G.H., Desikan K.	On computation of some open and closed neighbourhood degree sum- based topological indices for metal-insulator transition super lattice network	European Physical Journal Plus	138	4			3.758	10.1140/epjp/s1336 0-023-03943-0
1133	Jayaprakash P., Raju E., Hegde T.A., Vinitha G.	A self-defocusing third-order nonlinear optical material L- Alanine Barium Chloride single crystal used in optoelectronic device applications	Optical Materials	136				3.754	10.1016/j.optmat.20 22.113406
1134	Vani P., Vinitha G., Praveena R., Durairaj M., Sabari Girisun T.C., Manikandan N.	Influence of holmium ions on the structural and optical properties of barium tellurite glasses	Optical Materials	136				3.754	10.1016/j.optmat.20 23.113438
1135	Bhardwaj V., SK A.K., Sahoo S.K.	Pyridoxal derived red-emitting aggregates for the ratiometric sensing of pH and copper(II)	Optical Materials	136				3.754	10.1016/j.optmat.20 22.113414
1136	Maadhu T., Gandhiraj V.	Design, crystal growth and characterizations of novel bis morpholinium zinc bromide single crystals for optoelectronic applications	Optical Materials	138				3.754	10.1016/j.optmat.20 23.113694

1137	Elakkiya V., Sumathi S.	Vanadium substituted AlPO ₄ as environmentally benevolent cool yellow pigment	Optical Materials	141				3.754	10.1016/j.optmat.2023.113946
1138	Ponnuvel S., Prakash A., Steve R.J., Doss G.P., Goel A., Zachariah U.G., Eapen C.E., Rebekah G., Kannangai R., Fletcher G.J., Abraham P.	Longitudinal assessment of HCV core antigen kinetics to monitor therapeutic response in the age of DAAs	PLoS ONE	18	02-Feb			3.752	10.1371/journal.pone.0282013
1139	Lyakso E., Ruban N., Frolova O., Mekala M.A.	The children's emotional speech recognition by adults: Cross-cultural study on Russian and Tamil language	PLoS ONE	18	02-Feb			3.752	10.1371/journal.pone.0272837
1140	Ahmed R., Mahadzir S., Mota-Babiloni A., Al-Amin M., Usmani A.Y., Ashraf Rana Z., Yassin H., Shaik S., Hussain F.	4E analysis of a two-stage refrigeration system through surrogate models based on response surface methods and hybrid grey wolf optimizer	PLoS ONE	18	02-Feb			3.752	10.1371/journal.pone.0272160
1141	Paulraj D., Sethukarasi T., Neelakandan S., Prakash M., Baburaj E.	An Efficient Hybrid Job Scheduling Optimization (EHJSO) approach to enhance resource search using Cuckoo and Grey Wolf Job Optimization for cloud environment	PLoS ONE	18	03-Mar			3.752	10.1371/journal.pone.0282600

1142	Mahesh T.R., Vinoth Kumar V., Lim S.-J.	UsCoTc: Improved Collaborative Filtering (CFL) recommendation methodology using user confidence, time context with impact factors for performance enhancement	PLoS ONE	18	03-Mar			3.752	10.1371/journal.pone.0282904
1143	Gopalan V., Vardhan M.S., Thakur V., Krishnamoorthy A., Pragasam V., Degalahal M.R., Velu P.S., Raja Annamalai A., Jen C.-P.	Studies on Numerical Buckling Analysis of Cellulose Microfibrils Reinforced Polymer Composites	Materials	16	3			3.748	10.3390/ma16030894
1144	Gothwal P., Kumar A., Rathore D., Mukherji R., Vetriselvi T., Anandan S.	Response Surface Methodology Analysis of Energy Harvesting System over Pathway Tiles	Materials	16	3			3.748	10.3390/ma16031146
1145	Sreena R., Nathanael A.J.	Biodegradable Biopolymeric Nanoparticles for Biomedical Applications-Challenges and Future Outlook	Materials	16	6			3.748	10.3390/ma16062364
1146	Mohanty S., Gokuldoss Prashanth K.	Metallic Coatings through Additive Manufacturing: A Review	Materials	16	6			3.748	10.3390/ma16062325
1147	Patil A., Davidson Jebaseelan D., Bomze D., Gopal V.	Wear behaviour of lithography ceramic manufactured dental zirconia	BMC Oral Health	23	1			3.747	10.1186/s12903-023-02974-4

1148	Ramesh P., Karuppasamy R., Veerappapillai S.	Machine learning driven drug repurposing strategy for identification of potential RET inhibitors against non-small cell lung cancer	Medical Oncology	40	1			3.738	10.1007/s12032-022-01924-4
1149	Paranthaman P., Veerappapillai S.	Design of a potential Sema4A-based multi-epitope vaccine to combat triple-negative breast cancer: an immunoinformatic approach	Medical Oncology	40	3			3.738	10.1007/s12032-023-01970-6
1150	Das S., Babu A., Medha T., Ramanathan G., Mukherjee A.G., Wanjari U.R., Murali R., Kannampuzha S., Gopalakrishnan A.V., Renu K., Sinha D., George Priya Doss C.	Molecular mechanisms augmenting resistance to current therapies in clinics among cervical cancer patients	Medical Oncology	40	5			3.738	10.1007/s12032-023-01997-9
1151	Anbarasu S., Anbarasu A.	Cancer-biomarkers associated with sex hormone receptors and recent therapeutic advancements: a comprehensive review	Medical Oncology	40	6			3.738	10.1007/s12032-023-02044-3
1152	Mukherjee A.G., Gopalakrishnan A.V.	Unlocking the mystery associated with infertility and prostate cancer: an update	Medical oncology (Northwood, London, England)	40	6	160		3.738	10.1007/s12032-023-02028-3

1153	Gajendran S., Manjula D., Sugumaran V., Hema R.	Extraction of knowledge graph of Covid-19 through mining of unstructured biomedical corpora	Computational Biology and Chemistry	102				3.737	10.1016/j.compbiolchem.2022.107808
1154	Ranade S.D., Alegaon S.G., Venkatasubramanian U., Soundarya Priya A., Kavalapure R.S., Chand J., Jalalpure S.S., Vinod D.	Design, synthesis, molecular dynamics simulation, MM/GBSA studies and kinesin spindle protein inhibitory evaluation of some 4-aminoquinoline hybrids	Computational Biology and Chemistry	105				3.737	10.1016/j.compbiolchem.2023.107881
1155	Vadamala P.R., Aklak A.F.	Discriminative appearance model with template spatial adjustment for visual object tracking	Soft Computing					3.732	10.1007/s00500-023-07820-x
1156	Nath S.S., Sadagopan S., Babu D.V., Kumar R.D., Jonnala P., Murthy M.Y.B.	Block chain-based security and privacy framework for point of care health care IoT devices	Soft Computing					3.732	10.1007/s00500-023-07932-4
1157	Sree S.R., Agarwal R., Markkandan S., Mubeen S., Wakchaure M.A., Saraswat B.K.	Integrated learning algorithms-based epileptologist assistive tool for seizure detection and prediction	Soft Computing					3.732	10.1007/s00500-023-07913-7
1158	Vignesh B., Suganya G.	Deep learning methodologies for crop models and decision support systems: A comprehensive review	Soft Computing					3.732	10.1007/s00500-023-07875-w

1159	Subbaiah C.V., Govinda K.	Implementing routing protocol for energy-aware mobile Ad Hoc networks for WBAN-based healthcare systems	Soft Computing					3.732	10.1007/s00500-023-07975-7
1160	Sangapu S.C., Prasad K.S.N., Kannan R.J., Chen T.M., Sathiyarayanan M.	Impact of class imbalance in VeReMi dataset for misbehavior detection in autonomous vehicles	Soft Computing					3.732	10.1007/s00500-023-08003-4
1161	Thilagavathy R., Renjith P.N., Lalitha R.V.S., Murthy M.Y.B., Sucharitha Y., Narayanan S.L.	A novel framework paradigm for EMR management cloud system authentication using blockchain security network	Soft Computing					3.732	10.1007/s00500-023-07958-8
1162	Pavithra A., Kalpana G., Vigneswaran T.	Deep learning-based automated disease detection and classification model for precision agriculture	Soft Computing					3.732	10.1007/s00500-023-07936-0
1163	Verma P., Jyoti K., Sahni V., Ibrahim S.J.A., Chakravarthy N.S.K.	Synthesized feature learning model on news aggregator for chatbot	Soft Computing					3.732	10.1007/s00500-023-08069-0
1164	Babu D.V., Basha S.A., Kavitha D., Nisha A.S.A., Vallabhuni R.R., Radha N.	Digital code modulation-based MIMO system for underwater localization and navigation using MAP algorithm	Soft Computing					3.732	10.1007/s00500-023-08244-3

1165	Aswiga R.V., Karpagam M., Chandralekha M., Kumar C.S., Selvi M., Deena S.	An automatic detection and classification of diabetes mellitus using CNN	Soft Computing					3.732	10.1007/s00500-023- 08122-y
1166	Braveen M., Nachiyappan S., Seetha R., Anusha K., Ahilan A., Prasanth A., Jeyam A.	ALBAE feature extraction based lung pneumonia and cancer classification	Soft Computing					3.732	10.1007/s00500-023- 08453-w
1167	Chillakuru P., Madijagan M., Prashanth K.V., Ambala S., Shaker Reddy P.C., Pavan J.	Enhancing wind power monitoring through motion deblurring with modified GoogleNet algorithm	Soft Computing					3.732	10.1007/s00500-023- 08358-8
1168	Deepapriya B.S., Kumar P., Nandakumar G., Gnanavel S., Padmanaban R., Anbarasan A.K., Meena K.	Performance evaluation of deep learning techniques for lung cancer prediction	Soft Computing					3.732	10.1007/s00500-023- 08313-7
1169	Obbineni J., Kandasamy I., Vasantha W.B., Smarandache F.	Combining SWOT analysis and neutrosophic cognitive maps for multi-criteria decision making: a case study of organic agriculture in India	Soft Computing					3.732	10.1007/s00500-023- 08097-w
1170	Reddy B.R., Kumar R.L.	Classification of health care products using hybrid CNN- LSTM model	Soft Computing					3.732	10.1007/s00500-023- 08279-6

1171	Simhadri N., Swamy T.N.V.R.	Awareness among teaching on AI and ML applications based on fuzzy in education sector at USA	Soft Computing					3.732	10.1007/s00500-023-08329-z
1172	Shanthi D., Shinde S., Renjith P.N., Nath S.S., Thilakavathy P., Suneetha V.	A study of deep learning techniques for predicting breast cancer types	Soft Computing					3.732	10.1007/s00500-023-08245-2
1173	Thirugnanasambanda m K., Prabu U., Mahto D., Rajendiran P.R., Venkatesan R., Raghav R.S.	Novel fuzzy logic expert system-based edge detection for X-ray images	Soft Computing	27	15	10975	10997	3.732	10.1007/s00500-023-08616-9
1174	Om Kumar C.U., Gajendran S., Balaji V., Nhaveen A., Sai Balakrishnan S.	Securing health care data through blockchain enabled collaborative machine learning	Soft Computing	27	14	9941	9954	3.732	10.1007/s00500-023-08330-6
1175	Saidulu D., Sasikala R.	An approach for disease prediction and classification using novel weighting method and multichannel shared functional behaviour	Soft Computing	27	14	9891	9906	3.732	10.1007/s00500-023-08282-x
1176	Jothiaruna N., Leema A.A.	LW-DN161: a cardiovascular disorder classification from 12 lead ECG images using convolutional neural network	Soft Computing					3.732	10.1007/s00500-023-08708-6

1177	Marappan R., Vardhini P.A.H., Kaur G., Murugesan S., Kathiravan M., Bharathiraja N., Venkatesan R.	Efficient evolutionary modeling in solving maximization of lifetime of wireless sensor healthcare networks	Soft Computing					3.732	10.1007/s00500-023-08623-w
1178	Basha A.A., Ali A.M., Tayfour O.E., Chandalasetty S.B., Uddin M.S., Vivekanandan S., Parthasarathy P.	Supervised fuzzy control strategy for mean arterial pressure regulation using cascade scheme controller: a continuum approach of hypertension with diabetics	Soft Computing					3.732	10.1007/s00500-023-08659-y
1179	Koteeswaran S., Suganya R., Surianarayanan C., Neeba E.A., Suresh A., Chelliah P.R., Buhari S.M.	A supervised learning approach for the influence of comorbidities in the analysis of COVID-19 mortality in Tamil Nadu	Soft Computing					3.732	10.1007/s00500-023-08590-2
1180	Syamala N., Karuna Y.	Brain MRI image bias correction using generative adversarial network	Soft Computing					3.732	10.1007/s00500-023-08542-w
1181	Allapakam V., Karuna Y.	A hybrid feature pyramid network and Efficient Net-B0-based GIST detection and segmentation from fused CT-PET image	Soft Computing					3.732	10.1007/s00500-023-08614-x
1182	Udendhran R., Yamini G., Badrinath N., Jegathesh Amalraj J., Suresh A.	Enhancing representational learning for cloud robotic vision through explainable fuzzy convolutional autoencoder framework	Soft Computing					3.732	10.1007/s00500-023-08570-6

1183	Majumder P., Das A., Hezam I.M., Alshamrani A., Aqlan F.	Integrating trapezoidal fuzzy best-worst method and single- valued neutrosophic fuzzy MARCOS for efficiency analysis of surface water treatment plants	Soft Computing					3.732	10.1007/s00500-023- 08532-y
1184	Boopathi M., Gupta S., Zabeeulla A.N.M., Gupta R., Vekriya V., Pandey A.K.	Optimization algorithms in security and privacy- preserving data disturbance for collaborative edge computing social IoT deep learning architectures	Soft Computing					3.732	10.1007/s00500-023- 08396-2
1185	Dayana D.S., Kalpana G., Vigneswaran T.	Implementation of circular blockchain-based approach for food crops supply chain with bitcoin prediction using deep learning	Soft Computing					3.732	10.1007/s00500-023- 08484-3
1186	Roy P.K., Tripathy A.K., Weng T.-H., Li K.-C.	Securing social platform from misinformation using deep learning	Computer Standards and Interfaces	84				3.721	10.1016/j.csi.2022.1 03674
1187	Tatavarti R., Nadimpalli S., Mangina G.V.K., Kiran Machiraju N., Pachiyappan A., Hiremath S., Jagannathan V., Viswanathan P.	Photonic system for real-time detection, discrimination, and quantification of microbes in air	Frontiers in Physics	11				3.718	10.3389/fphy.2023.1 118885

1188	Kannampuzha S., Gopalakrishnan A.V., Padinharayil H., Alappat R.R., Anilkumar K.V., George A., Dey A., Vellingiri B., Madhyastha H., Ganesan R., Ramesh T., Jayaraj R., Prabakaran D.S.	Onco-Pathogen Mediated Cancer Progression and Associated Signaling Pathways in Cancer Development	Pathogens	12	6			3.7	10.3390/pathogens1 2060770
1189	Dinesh Kumar K., Umamaheswari E.	An efficient proactive VM consolidation technique with improved LSTM network in a cloud environment	Computing					3.7	10.1007/s00607-023- 01214-5
1190	V B., A M., V.R P.	Mangroves: A hotspot for novel bacterial and archaeal diversity	Rhizosphere	27				3.7	10.1016/j.rhisph.202 3.100748
1191	Sekaran K., Varghese R.P., Doss C G.P., Alsamman A.M., Zayed H., El Allali A.	Airway and Oral microbiome profiling of SARS-CoV-2 infected asthma and non- asthma cases revealing alterations-A pulmonary microbial investigation	PloS one	18	8	e02898 91		3.7	10.1371/journal.pon e.0289891

1192	Vellingiri B., Balasubramani K., Iyer M., Raj N., Elangovan A., Song K., Yeo H.-C., Jayakumar N., Kinoshita M., Thangarasu R., Narayanasamy A., Dayem A.A., Prajapati V.K., Gopalakrishnan A.V., Cho S.-G.	Role of Telomeres and Telomerase in Parkinson's Disease—A New Theranostics?	Advanced Biology					3.7	10.1002/adbi.20230 0097
1193	Ganesan B., Annamalai M.	Improved Synchronization Analysis via Looped-Lyapunov for Stochastic Markovian Jump Neural Networks	IEEE Transactions on Circuits and Systems II: Express Briefs			1	1	3.691	10.1109/TCSII.2023. 3262819
1194	Loganathan T., Doss C G.P.	Non-coding RNAs in human health and disease: potential function as biomarkers and therapeutic targets	Functional and Integrative Genomics	23	1			3.674	10.1007/s10142-022- 00947-4
1195	Babu A., Ramanathan G.	Multi-omics insights and therapeutic implications in polycystic ovary syndrome: a review	Functional & integrative genomics	23	2	130		3.674	10.1007/s10142-023- 01053-9

1196	Gopikrishnan M., Hephzibah Cathryn R., Gnanasambandan R., Ashour H.M., Pintus G., Hammad M., Kashyap M.K., George Priya Doss C., Zayed H.	Therapeutic and diagnostic applications of exosomal circRNAs in breast cancer	Functional and Integrative Genomics	23	2			3.674	10.1007/s10142-023- 01083-3
1197	Anandan B., Manikandan M.	Machine learning approach with various regression models for predicting the ultimate tensile strength of the friction stir welded AA 2050-T8 joints by the K-Fold cross-validation method	Materials Today Communications	34				3.662	10.1016/j.mtcomm. 2022.105286
1198	Gobi R., Babu R.S.	In-vitro study on chitosan/PVA incorporated with nickel oxide nanoparticles for wound healing application	Materials Today Communications	34				3.662	10.1016/j.mtcomm. 2022.105154
1199	Biradar A., M R.	Evolution of microstructure and mechanical properties for multi-layered Al-1100 strips and Al-Gr composites fabricated by accumulative roll bonding	Materials Today Communications	34				3.662	10.1016/j.mtcomm. 2022.105027

1200	Thandapani G., Arthi K., Pazhanisamy P., J. John J., Vinothini C., Rekha V., Santhanalakshmi K., Sekar V.	Green synthesis of copper oxide nanoparticles using Spinacia oleracea leaf extract and evaluation of biological applications: Antioxidant, antibacterial, larvicidal and biosafety assay	Materials Today Communications	34				3.662	10.1016/j.mtcomm.2022.105248
1201	Soni S.K., Manimaran D., Thomas S.B., Thomas B.	Microstructure and mechanical characterization of Al6061 based composite and nanocomposites prepared via conventional and ultrasonic-assisted melt-stirring techniques	Materials Today Communications	34				3.662	10.1016/j.mtcomm.2022.105222
1202	Chouhan G., Gunji B.M., Bidare P., Ramakrishna D., Kumar R.	Experimental and numerical investigation of 3D printed bio-inspired lattice structures for mechanical behaviour under Quasi static loading conditions	Materials Today Communications	35				3.662	10.1016/j.mtcomm.2023.105658
1203	Renukadevi C.R., Ayyanaar S., Kesavan M.P., Umamaheswari C., Thenmozhi R., Jayanthipriya K., Ramapriya C., Bhaskar R., Kandasamy K.	Reactive oxygen species responsive magnetic polylactic co-glycolic acid microspheres: In vitro drug release studies	Materials Today Communications	34				3.662	10.1016/j.mtcomm.2023.105474

1204	Deelip M.S., Kannayaram G.	Exponential-sunflower optimization and deep convolution neural network for secure routing and prediction in internet of things	Journal of Ambient Intelligence and Humanized Computing					3.662	10.1007/s12652-023-04519-7
1205	Muhammad Z., Amjad F., Iqbal Z., Javed A.R., Gadekallu T.R.	Circumventing Google Play vetting policies: a stealthy cyberattack that uses incremental updates to breach privacy	Journal of Ambient Intelligence and Humanized Computing					3.662	10.1007/s12652-023-04535-7
1206	Thanigachalam S., Pathak M.	Development of nano titania/polyvinylidene fluoride composite from new titanium(IV) derivative and its investigation on antibacterial, BSA interaction and cytotoxicity	Materials Today Communications	35				3.662	10.1016/j.mtcomm.2023.105774
1207	Nandhakumar R., Venkatesan K.	A process parameters review on selective laser melting-based additive manufacturing of single and multi-material: Microstructure, physical properties, tribological, and surface roughness	Materials Today Communications	35				3.662	10.1016/j.mtcomm.2023.105538
1208	Guru Mahesh G., Kandasamy J.	Optimization of CO2 laser drilling process parameters of GFRP/Al2O3/perlite composites	Materials Today Communications	35				3.662	10.1016/j.mtcomm.2023.105962

1209	Rajan G., kumar A., Godasu A.K., Mula S.	Effect of friction stir processing on microstructural evolution and mechanical properties of nanosized SiC reinforced AA5083 nanocomposites developed by stir casting	Materials Today Communications	35				3.662	10.1016/j.mtcomm. 2023.105912
1210	Bhattarai S., Pandey R., Madan J., Sahoo G.S., Hossain I., Wabaidur S.M., Ansari M.Z.	Numerical investigation of toxic free perovskite solar cells for achieving high efficiency	Materials Today Communications	35				3.662	10.1016/j.mtcomm. 2023.105893
1211	Pagadala N.D., jaiswal J., R R.	Machine learning based corrosion prediction of as cast Mg-Sn alloys for biomedical applications	Materials Today Communications	35				3.662	10.1016/j.mtcomm. 2023.106108
1212	Vignesh Baalaji S., Sandhya S., Sajidha S.A., Nisha V.M., Vimalapriya M.D., Tyagi A.K.	Autonomous face mask detection using single shot multibox detector, and ResNet-50 with identity retrieval through face matching using deep siamese neural network	Journal of Ambient Intelligence and Humanized Computing	14	8	11195	11205	3.662	10.1007/s12652-023- 04624-7
1213	M P., A A.K., Reddy V R., S K., I J., Choi C.-J.	Electrical, optical and morphological properties of Au/n-Ge heterostructures by using cobalt phthalocyanine (CoPc) interlayer	Materials Today Communications	35				3.662	10.1016/j.mtcomm. 2023.106360

1214	Sasirekha R., Vijayakumar S., Pazhanisamy P., Joseph J.J., Gomathi T.	Biosorption of copper (II) ion using chitosan nanoparticles/alginate/carbox ymethyl cellulose/novel hydroxyapatite biocomposite from aqueous solution	Materials Today Communications	35				3.662	10.1016/j.mtcomm. 2023.106339
1215	Anandan B., Manikandan M.	Effect of welding speeds on the metallurgical and mechanical property characterization of friction stir welding between dissimilar aerospace grade 7050 T7651- 2014A T6 aluminium alloys	Materials Today Communications	35				3.662	10.1016/j.mtcomm. 2023.106246
1216	Rymzhina A., Sharma P., Pavelyev V., Mishra P., Tripathi N.	Recent trends in the fabrication of photodetectors: A detailed analysis on the photodetection properties of new 2D-TMCs	Materials Today Communications	35				3.662	10.1016/j.mtcomm. 2023.106247
1217	Abima S., Sumathi S.	Influence of method of synthesis on the colour and NIR reflective properties of bismuth and vanadium doped cerium phosphate	Journal of Solid State Chemistry	324				3.656	10.1016/j.jssc.2023. 124140

1218	Sekaran K., Alsamman A.M., George Priya Doss C., Zayed H.	Bioinformatics investigation on blood-based gene expressions of Alzheimer's disease revealed ORAI2 gene biomarker susceptibility: An explainable artificial intelligence-based approach	Metabolic Brain Disease					3.655	10.1007/s11011-023-01171-0
1219	Sundarrajan S., Venkatesan A., Kumar S U., Gopikrishnan M., Tayubi I.A., Aditya M., Siddaiah G.B., George Priya Doss C., Zayed H.	Exome sequence analysis of rare frequency variants in Late-Onset Alzheimer Disease	Metabolic Brain Disease					3.655	10.1007/s11011-023-01221-7
1220	Kumaravelu P., Kandasamy J.	Controlling the mechanical failures of stir-cast Mg-AZ91D alloy using dicalcium silicate reinforcement	Engineering Failure Analysis	146				3.634	10.1016/j.engfailanal.2023.107139
1221	Silambarasan R., Kılıçman A.	Solitons of dispersive wave steered from Navier–Bernoulli and Love's hypothesis in cylindrical elastic rod with compressible Murnaghan's materials	Mathematics and Computers in Simulation	203		699	720	3.601	10.1016/j.matcom.2022.07.014
1222	Bhuvaneshwari G., Prakash M., Rakkiyappan R., Manivannan A.	Stability and stabilization analysis of T-S fuzzy systems with distributed time-delay using state-feedback control	Mathematics and Computers in Simulation	205		778	793	3.601	10.1016/j.matcom.2022.10.004

1223	Sivakumar M.S., Leo L.M., Gurumekala T., Sindhu V., Priyadharshini A.S.	Deep learning in skin lesion analysis for malignant melanoma cancer identification	Multimedia Tools and Applications					3.6	10.1007/s11042-023-16273-1
1224	Nathiya S., Sujatha R.	GAN with CCSO: generative adversarial network-driven CAViaR competitive swarm optimizer for medical video super resolution	Multimedia Tools and Applications					3.6	10.1007/s11042-023-16134-x
1225	Meena G., Mohbey K.K., Indian A., Khan M.Z., Kumar S.	Identifying emotions from facial expressions using a deep convolutional neural network-based approach	Multimedia Tools and Applications					3.6	10.1007/s11042-023-16174-3
1226	Krithiga R., Geetha P.	Proliferation score prediction using novel SMHC feature using adaptive XGBoost model	Multimedia Tools and Applications					3.6	10.1007/s11042-023-15987-6
1227	Subashini M.M., Vignesh R.S.	Thermoplastic waste segregation classification system using deep learning techniques	Multimedia Tools and Applications					3.6	10.1007/s11042-023-16237-5
1228	Bandyopadhyay A., Das T., Nandy S., Sahib S., Preetam S., Gopalakrishnan A.V., Dey A.	Ligand-based active targeting strategies for cancer theranostics	Naunyn-Schmiedeberg's Archives of Pharmacology					3.6	10.1007/s00210-023-02612-4
1229	Munirathinam P., Anna Mathew A., Shanmugasundaram V., Vivekananthan V., Purusothaman Y., Kim S.-J., Chandrasekhar A.	A comprehensive review on triboelectric nanogenerators based on Real-Time applications in energy harvesting and Self-Powered sensing	Materials Science and Engineering: B	297				3.6	10.1016/j.mseb.2023.116762

1230	Rajaram K., Bhuvaneshwari Amma N.G., Guptha A.S., Selvakumar S.	CLNet: a contactless fingerprint spoof detection using deep neural networks with a transfer learning approach	Multimedia Tools and Applications					3.6	10.1007/s11042-023- 16511-6
1231	Kumar Tataji K.N., Karthek M.N., Prasad M.V.N.K.	CC-CNN: A cross connected convolutional neural network using feature level fusion for facial expression recognition	Multimedia Tools and Applications					3.6	10.1007/s11042-023- 16433-3
1232	Krishnakumar K., Vasandkumar K.	A novel Mutual Information based PCA approach for face identification	Multimedia Tools and Applications					3.6	10.1007/s11042-023- 16261-5
1233	Singh C., Raja P.C.K.	Hybrid optimization assisted transmit antenna selection for massive MIMO technology	Multimedia Tools and Applications					3.6	10.1007/s11042-023- 16053-x
1234	Banu S.A., Al-Alawi A.I., Padmaa M., Priya P.S., Thanikaiselvan V., Amirtharajan R.	Healthcare with datacare—a triangular DNA security	Multimedia Tools and Applications					3.6	10.1007/s11042-023- 16303-y
1235	Sundaramali G., Aiyasamy J.P., Karthikeyan S., Kandavel T.K., Arulmurugan B., Rajkumar S., Sharma S., Li C., Dwivedi S.P., Kumar A., Singh R., Eldin S.M.	Experimental investigations of electrodeposited Zn-Ni, Zn- Co, and Ni-Cr-Co-based novel coatings on AA7075 substrate to ameliorate the mechanical, abrasion, morphological, and corrosion properties for automotive applications	Reviews on Advanced Materials Science	62	1			3.6	10.1515/rams-2022- 0324

1236	Haribabu M., Guruviah V.	An Improved Multimodal Medical Image Fusion Approach Using Intuitionistic Fuzzy Set and Intuitionistic Fuzzy Cross-Correlation	Diagnostics	13	14			3.6	10.3390/diagnostics 13142330
1237	Nancy A.A., Ravindran D., Vincent D.R., Srinivasan K., Chang C. Y.	Fog-Based Smart Cardiovascular Disease Prediction System Powered by Modified Gated Recurrent Unit	Diagnostics	13	12			3.6	10.3390/diagnostics 13122071
1238	Al Murad M., Muneer S.	Physiological and Molecular Analysis Revealed the Role of Silicon in Modulating Salinity Stress in Mung Bean	Agriculture (Switzerland)	13	8			3.6	10.3390/agriculture 13081493
1239	Renu K., Myakala H., Chakraborty R., Bhattacharya S., Abuwani A., Lokhandwala M., Vellingiri B., Gopalakrishnan A.V.	Molecular mechanisms of alcohol's effects on the human body: A review and update	Journal of Biochemical and Molecular Toxicology					3.6	10.1002/jbt.23502
1240	Murthy B.S.N., Díaz Palencia J.L., Madhusudanan V., Srinivas M.N., Gul N., Zeb A.	Fuzzy Analysis of Artificial Drug Transmission Model with Optimal Control	Fractal and Fractional	7	1			3.577	10.3390/fractalfract 7010010

1241	Santhiya S., Thilagavathi K.	Applications of the Neutrosophic Poisson Distribution for Bi-Univalent Functions Involving the Modified Caputo's Derivative Operator	Fractal and Fractional	7	1			3.577	10.3390/fractalfract 7010035
1242	Raja V., Gowrisankar A.	On the Variable Order Fractional Calculus Characterization for the Hidden Variable Fractal Interpolation Function	Fractal and Fractional	7	1			3.577	10.3390/fractalfract 7010034
1243	Cotîrlă L.-I., Murugusundaramoorthy G.	Starlike Functions Based on Ruscheweyh q -Differential Operator defined in Janowski Domain	Fractal and Fractional	7	2			3.577	10.3390/fractalfract 7020148
1244	Indushree M., Venkataraman M.	An Application of the Prabhakar Fractional Operator to a Subclass of Analytic Univalent Function	Fractal and Fractional	7	3			3.577	10.3390/fractalfract 7030266
1245	Johnson M., Vijayakumar V.	An Analysis on the Optimal Control for Fractional Stochastic Delay Integrodifferential Systems of Order $1 < \gamma < 2$	Fractal and Fractional	7	4			3.577	10.3390/fractalfract 7040284
1246	Sivasankar S., Udhayakumar R., Muthukumaran V., Madhrubootham S., AlNemer G., Elshenhab A.M.	Existence of Sobolev-Type Hilfer Fractional Neutral Stochastic Evolution Hemivariational Inequalities and Optimal Controls	Fractal and Fractional	7	4			3.577	10.3390/fractalfract 7040303

1247	Chellapandi T., Madhumitha G.	Facile synthesis and characterization of Carrisa edulis fruit extract capped NiO on MK30 surface material for photocatalytic behavior against organic pollutants	Materials Letters	330				3.574	10.1016/j.matlet.2022.133215
1248	Muthu S.M., Prem Kumar M., Venkateshkannan M., Dinek R., Arivazhagan N., Natesh M.	Influence of microstructure on the oxidation characteristics of conventional and wire arc additive manufactured alloy 625 at 750 °C	Materials Letters	336				3.574	10.1016/j.matlet.2023.133853
1249	Prem Kumar M., Manikandan M.	Insights into the surface behavior of Inconel 617 and Inconel 625 material in molten salt	Materials Letters	333				3.574	10.1016/j.matlet.2022.133679
1250	Sandeep R., Murali Nagarajan B., Kamlesh Kumar S., Adarsh S.J., Manoharan M., Natarajan A.	Strategies to improve joint strength of friction lap welded AA7475/PPS hybrid joint with surface pre-treatment on AA7475	Materials Letters	333				3.574	10.1016/j.matlet.2022.133561
1251	Nandhakumar S., Gokul kumar K.	Development of novel welding techniques for dissimilar joining of 12 mm thick plates of AISI347H and IN625 for CSP power plants	Materials Letters	330				3.574	10.1016/j.matlet.2022.133210

1252	Nandhakumar E., Selvakumar P., Arulraj A., Vivek E., Venkatraman M.R., Sasikumar A., Prem Kumar M., Mangalaraja R.V., Kamatchi R., Senthilkumar N.	Investigation on rod like SnO ₂ @CdCO ₃ nanocomposite- based electron transport layer for CsPbBr ₃ heterojunction perovskite solar cell applications	Materials Letters	330				3.574	10.1016/j.matlet.20 22.133396
1253	Senthilraj K., Rajamurugan G.	Influence of Al ₂ TiO ₅ particles on AA6061 composites fabricated by bottom pouring stir casting technique	Materials Letters	338				3.574	10.1016/j.matlet.20 23.134085
1254	Thirathipviwat P., Onuki Y., Vishnu J., Kesavan P., Raheem A., Manivasagam G., V Shankar K., Hasegawa M., Sato S.	Superior fretting wear resistance of 30Nb5Ta30Ti15V20Zr refractory high entropy alloy in a comparison with Ti6Al4V	Materials Letters	339				3.574	10.1016/j.matlet.20 23.134105
1255	Manikandan R., Raja Annamalai A.	Evolution of crystallographic texture and grain boundary character in hot press sintered tungsten heavy alloy as a function of sintering temperature	Materials Letters	339				3.574	10.1016/j.matlet.20 23.134125
1256	Barath Kumar M.D., Manikandan M.	Effect of continuous and pulsed current techniques on wire-arc additive manufacturing of a nickel- based superalloy	Materials Letters	338				3.574	10.1016/j.matlet.20 23.134080

1257	Hiremath V.S., Mallikarjuna Reddy D.	Prediction of failure load in flat-joggle-flat co-cured composite joints using artificial neural networks	Materials Letters	345				3.574	10.1016/j.matlet.2023.134491
1258	Lavanya J., Ravi Sankar A., Santhoshkumar M.	Surfactant-assisted hydrothermal synthesis of large surface area nickel nanoparticles for electrochemical applications	Materials Letters	346				3.574	10.1016/j.matlet.2023.134527
1259	Muthu S.M., Senthur Prabu S., Sujai S., Devendranath Ramkumar K., Beemkumar N., Kariappan E.	Oxide scale formation and damage mechanism of the alloy 625 weldments in air and simulated boiler environment under cyclic condition	Materials Letters	346				3.574	10.1016/j.matlet.2023.134543
1260	Hiremath V.S., Reddy D.M.	Influence of GNP nanoparticles on shear and dynamic behaviour of flat-joggle-flat composite joints	Materials Letters	348				3.574	10.1016/j.matlet.2023.134713
1261	Grover P., Maheshwari S., Nagarajan K., Mehta L., Kumar S., Rastogi C.	LC and LC-MS/MS studies for identification and characterization of degradation products of d-tubocurarine chloride	Journal of Pharmaceutical and Biomedical Analysis	223				3.571	10.1016/j.jpba.2022.115119
1262	Aparna G.M., Tetala K.K.R.	Titanium particles incorporated polymer monolith microcolumn for phosphoprotein enrichment from biological samples	Journal of Pharmaceutical and Biomedical Analysis	233				3.571	10.1016/j.jpba.2023.115453

1263	Aggarwal S., Karmakar A., Krishnakumar S., Paul U., Singh A., Banerjee N., Laha N., Roy Ball G., Srivastava S.	Advances in Drug Discovery based on Genomics, Proteomics and Bioinformatics in Malaria	Current topics in medicinal chemistry	23	7	551	578	3.57	10.2174/1568026623666230418114455
1264	Mittal A.K., Balyan L.K., Sharma K.K.	A spectrally accurate time - space pseudospectral method for viscous Burgers' equation	Numerical Methods for Partial Differential Equations					3.568	10.1002/num.23011
1265	Nirmal B., Mohan K., Tripathi A., Christensen B.A., Mortyn P.G., De Vleeschouwer D., Prakasam M., Saravanan K.	Agulhas leakage extension and its influences on South Atlantic surface water hydrography during the Pleistocene	Palaeogeography, Palaeoclimatology, Palaeoecology	615				3.565	10.1016/j.palaeo.2023.111447
1266	Shafiq M., Thakre K., Krishna K.R., Robert N.J., Kuruppath A., Kumar D.	Continuous quality control evaluation during manufacturing using supervised learning algorithm for Industry 4.0	International Journal of Advanced Manufacturing Technology					3.563	10.1007/s00170-023-10847-x
1267	Rani J J., Roy S.	Recent Development of Copper (II) Complexes of Polypyridyl Ligands in Chemotherapy and Photodynamic Therapy	ChemMedChem					3.540	10.1002/cmdc.202200652
1268	Lokesh Kumar S., Tetala K.K.R.	Fabrication of a bi-metallic metal organic framework nanocomposite for selective and sensitive detection of triclosan	Analytical Methods					3.532	10.1039/d3ay00033h

1269	Ganapathy V., Muthukumaran G., Sudhagar P.E., Rashedi A., Norrrahim M.N.F., Ilyas R.A., Goh K.L., Jawaid M., Naveen J.	Mechanical properties of cellulose-based multiscale composites: A review	Polymer Composites	44	2	734	756	3.531	10.1002/pc.27175
1270	Singh B., Mohanty A.	Nano-mechanical approach to study the behavior of annealed nanodiamond reinforced epoxy nanocomposites	Polymer Composites					3.531	10.1002/pc.27297
1271	Thanikasalam N., Ramamoorthy M.	Free and forced vibration response of a laminated composite sandwich beam with dual honeycomb core: Numerical and experimental study	Polymer Composites					3.531	10.1002/pc.27485
1272	Kannan S., Manapaya A., Selvaraj R.	Frequency and deflection responses of 3D-printed carbon fiber reinforced polylactic acid composites: Theoretical and experimental verification	Polymer Composites					3.531	10.1002/pc.27382
1273	Shameem K.S., Sabumon P.C.	A Review on the Stability, Sustainability, Storage and Rejuvenation of Aerobic Granular Sludge for Wastewater Treatment	Water (Switzerland)	15	5			3.530	10.3390/w15050950

1274	Mallareddy M., Thirumalaikumar R., Balasubramanian P., Naseeruddin R., Nithya N., Mariados A., Eazhilkrishna N., Choudhary A.K., Deiveegan M., Subramanian E., Padmaja B., Vijayakumar S.	Maximizing Water Use Efficiency in Rice Farming: A Comprehensive Review of Innovative Irrigation Management Technologies	Water (Switzerland)	15	10			3.53	10.3390/w15101802
1275	Ghosh A., Nag S., Gomes A., Gosavi A., Ghule G., Kundu A., Purohit B., Srivastava R.	Applications of Smart Material Sensors and Soft Electronics in Healthcare Wearables for Better User Compliance	Micromachines	14	1			3.523	10.3390/mi1401012 1
1276	Priya G.L., Rawat N., Sanagavarapu A., Venkatesh M., Andrew Roobert A.	Hybrid Silicon Substrate FinFET-Metal Insulator Metal (MIM) Memristor Based Sense Amplifier Design for the Non- Volatile SRAM Cell	Micromachines	14	2			3.523	10.3390/mi1402023 2
1277	Priya G.L., Saran P., Padhy S.K., Agarwal P., Andrew Roobert A., Julus L.J.	Novel Low Power Cross- Coupled FET-Based Sense Amplifier Design for High- Speed SRAM Circuits	Micromachines	14	3			3.523	10.3390/mi1403058 1
1278	Munirathinam P., Chandrasekhar A.	Self-Powered Triboelectric Nanogenerator for Security Applications	Micromachines	14	3			3.523	10.3390/mi1403059 2
1279	Esakki P., Kumar P., Esakki M., Venkatesh A.	Improved Dielectrically Modulated Quad Gate Schottky Barrier MOSFET Biosensor	Micromachines	14	3			3.523	10.3390/mi1403068 5

1280	Jagadeesan D., Deivasigamani P.	Photoactive aurivillius oxide integrated porous polymer monoliths as renewable visible light catalyst for decontaminating persistent organic pollutants	International Journal of Environmental Science and Technology					3.519	10.1007/s13762-023-05020-6
1281	Pouthika K., Madhumitha G.	A review on plant-derived nanomaterials: an effective and innovative insect-resistant strategy for alternate pesticide development	International Journal of Environmental Science and Technology					3.519	10.1007/s13762-023-04998-3
1282	Esther Nimshi R., Judith Vijaya J., Bououdina M., John Kennedy L., Al-Najar B., Lemine O.	Green Synthesis of Functional CuFe ₂ O ₄ @TiO ₂ @rGO Nanostructure for Magnetic Hyperthermia and Cytotoxicity of Human Breast Cancer Cell Line	Journal of Inorganic and Organometallic Polymers and Materials					3.518	10.1007/s10904-023-02555-6
1283	Manikandan M., Manikandan E., Alshgari R.A., Karami A.M., Ahmad A.	NiTe Magnetic Semiconductor Nanorods for Optical Limiting and Hydrogen Peroxide Sensor	Journal of Inorganic and Organometallic Polymers and Materials					3.518	10.1007/s10904-023-02565-4
1284	Jadhav P.S., Humbe S.S., Joshi G.M., Deshmukh R.R., Kaleemulla S.	Polymer Blend Nanoarchitectonics with Exfoliated Molybdenum Disulphide/Polyvinyl Chloride/Nitrocellulose	Journal of Inorganic and Organometallic Polymers and Materials					3.518	10.1007/s10904-022-02518-3

1285	Jeni Seles Martina D., Deepa G.	Operations on Multi-Valued Neutrosophic Matrices and Its Application to Neutrosophic Simplified-TOPSIS Method	International Journal of Information Technology and Decision Making	22	1	37	56	3.508	10.1142/S02196220 22500572
1286	Narayanasamy S.K., Chang M.	An Entity Extraction and Categorization Technique on Twitter Streams	International Journal of Information Technology and Decision Making					3.508	10.1142/S02196220 23500360
1287	Nayak S.S., Naidu A., Sudhakaran S.L., Vino S., Selvaraj G.	Prospects of Novel and Repurposed Immunomodulatory Drugs against Acute Respiratory Distress Syndrome (ARDS) Associated with COVID-19 Disease	Journal of Personalized Medicine	13	4			3.508	10.3390/jpm130406 64
1288	Behera S., Mohanty J.R., Nath G., Mahanta T.K.	Exploring Properties of Short Randomly Oriented Rattan Fiber Reinforced Epoxy Composite for Automotive Application	Journal of Natural Fibers	20	1			3.507	10.1080/15440478.2 022.2163024
1289	Ramasamy S., Kandasamy J., Samrot A.V., Vijayashree T.	Study of Various Properties of Chemically Treated Lignocellulosic Cissus quadrangularis Stem Fiber for Composite Reinforcement	Journal of Natural Fibers	20	1			3.507	10.1080/15440478.2 022.2161689

1290	Venkatachalam G., Hemanth V., Logesh M., Piyush A., Sivakumar M., Pragasam V., Loganathan T.G.	Investigation of Tensile Behavior of Carbon Nanotube/Coir Fiber/Fly Ash Reinforced Epoxy Polymer Matrix Composite	Journal of Natural Fibers	20	1			3.507	10.1080/15440478.2022.2148151
1291	Lakshmi Narayana S., Gopalan V.	Mechanical characterization of particle reinforced jute fiber composite and development of hybrid Grey-ANFIS predictive model	Journal of Natural Fibers	20	1			3.507	10.1080/15440478.2023.2167033
1292	Narayana V.L., Rao L.B.	Influence of Alkali Treatment and Stacking Sequence on Mechanical, Physical, and Thermal Characteristics of Hemp and Palmyra-Reinforced Hybrid Composites	Journal of Natural Fibers	20	2			3.507	10.1080/15440478.2023.2213908
1293	Pravin S.C., Sivaraman V.B., Saranya J.	Deep ensemble models for speech emotion classification	Microprocessors and Microsystems	98				3.503	10.1016/j.micpro.2023.104790
1294	Vinutha A.S., Rajasekaran R.	Insight on the mechanism of hexameric Pseudin-4 against bacterial membrane-mimetic environment	Journal of Computer-Aided Molecular Design	37	9	419	434	3.5	10.1007/s10822-023-00516-2
1295	Deshpande P., Wankar S., Mahajan S., Patil Y., Rajwade J., Kulkarni A.	Bacterial Cellulose: Natural Biomaterial for Medical and Environmental Applications	Journal of Natural Fibers	20	2			3.5	10.1080/15440478.2023.2218623
1296	Aravindh S., Venkatachalam G.	Investigations on Dielectric Constant of Coir Powder-Reinforced PVC Composites	Journal of Natural Fibers	20	2			3.5	10.1080/15440478.2023.2239501

1297	Desireddy S., Madhavan S., Sabumon P.C.	Development and long-term operation of aerobic granular system for simultaneous removal of COD, nitrogen, and phosphorous in a conical SBR	Environmental Engineering Research	28	3			3.5	10.4491/eer.2022.015
1298	Dutta N., Palanisamy K., Shanmugam P., Subramaniam U., Selvam S.	Life Cycle Cost Analysis of Pumping System through Machine Learning and Hidden Markov Model	Processes	11	7			3.5	10.3390/pr11072157
1299	Ashok G., Ramaiah S.	FN1 and cancer-associated fibroblasts markers influence immune microenvironment in clear cell renal cell carcinoma	Journal of Gene Medicine					3.5	10.1002/jgm.3556
1300	Sundararaman B., Ramalingam N.	Using consumer preference data in forecasting demand in apparel retailing	Journal of Fashion Marketing and Management					3.5	10.1108/JFMM-02-2023-0032
1301	Ghantasala S., Bhat A., Agarwal U., Biswas D., Bhattarai P., Epari S., Moiyadi A., Srivastava S.	Deep proteome investigation of high-grade gliomas reveals heterogeneity driving differential metabolism of 5-aminolevulinic acid	Neuro-Oncology Advances	5	1			3.5	10.1093/noajnl/vdad065
1302	Wadhwa A., Budamala V., Kummamuru P.K., Kasiviswanathan K.S., Srimuruganandam B.	Low-impact development (LID) control feasibility in a small-scale urban catchment for altered climate change scenarios	Hydrological Sciences Journal					3.5	10.1080/02626667.2023.2239797

1303	Peerzada Gh J., Sinclair B.J., Perinbarajan G.K., Dutta R., Shekhawat R., Saikia N., Chidambaram R., Mossa A.-T.	An overview on smart and active edible coatings: safety and regulations	European Food Research and Technology					3.498	10.1007/s00217-023- 04273-2
1304	Liakath J.A., Krishnadoss P., Natesan G.	DCCWOA: A multi-heuristic fault tolerant scheduling technique for cloud computing environment	Peer-to-Peer Networking and Applications					3.488	10.1007/s12083-022- 01445-x
1305	Chengoden R., Victor N., Huynh-The T., Yenduri G., H.Jhaveri R., Alazab M., Bhattacharya S., Hegde P., Maddikunta P.K.R., Gadekallu T.R.	Metaverse for Healthcare: A Survey on Potential Applications, Challenges and Future Directions	IEEE Access			1	1	3.476	10.1109/ACCESS.202 3.3241628
1306	Saranya P., Maheswari R.	Proof of Transaction (PoTx) Based Traceability System for an Agriculture Supply Chain	IEEE Access	11		10623	10638	3.476	10.1109/ACCESS.202 3.3240772
1307	Shanmugam L., Balasubramaniam P.M., Shnain A.H., Abdulkader R., Alharbi M., Pustokhin D.A., Pustokhina I.V., Mohammed S., Sengan S.	Solar-Powered LVDC Nano- Grid with Smart FPGA-based Residential Power Switching Algorithm	IEEE Access			1	1	3.476	10.1109/ACCESS.202 3.3240651

1308	Krishnamoorthy P., Satheesh N., Sudha D., Sengan S., Alharbi M., Pustokhin D.A., Pustokhina I.V., Setiawan R.	Effective Scheduling of Multi- Load Automated Guided Vehicle in Spinning Mill: A Case Study	IEEE Access	11		9389	9402	3.476	10.1109/ACCESS.202 3.3236843
1309	Maurya P.K., Ghosh H., Bagchi S.	MDS Code Based Ultralightweight Authentication Protocol for RFID System	IEEE Access	11		10563	10577	3.476	10.1109/ACCESS.202 3.3239530
1310	Roy R., Ramasami S., Chokkalingam L.N.	Review on Thermal Behavior and Cooling Aspects of Axial Flux Permanent Magnet Motors-A Mechanical Approach	IEEE Access	11		6822	6836	3.476	10.1109/ACCESS.202 3.3235782
1311	Santoshi G.	Mobile Sensor Nodes Traversal Schemes to Attend Events at Random Locations With Minimal Energy Depletion	IEEE Access	11		9221	9231	3.476	10.1109/ACCESS.202 3.3238576
1312	Khasim S.R., Dhanamjayulu C., Muyeen S.M.	A Single Inductor Multi-Port Power Converter for Electric Vehicle Applications	IEEE Access	11		3367	3385	3.476	10.1109/ACCESS.202 3.3234105
1313	Surampudi S., Kumar V.	Flood Depth Estimation in Agricultural Lands From L and C-Band Synthetic Aperture Radar Images and Digital Elevation Model	IEEE Access	11		3241	3256	3.476	10.1109/ACCESS.202 3.3234742

1314	Joseph D.P., Viswanathan P.	SDOT: Secure Hash, Semantic Keyword Extraction, and Dynamic Operator Pattern-Based Three-Tier Forensic Classification Framework	IEEE Access	11		3291	3306	3.476	10.1109/ACCESS.2023.3234434
1315	Sarkar D.U., Prakash T.	A Recent Review on Approaches to Design Power System Stabilizers: Status, Challenges and Future Scope	IEEE Access			1	1	3.476	10.1109/ACCESS.2023.3244687
1316	Srinivasan B., Venkatesan R., Aljafari B., Kotecha K., Indragandhi V., Vairavasundaram S.	A Novel Multicriteria Optimization Technique for VLSI Floorplanning Based on Hybridized Firefly and Ant Colony Systems	IEEE Access	11		14677	14692	3.476	10.1109/ACCESS.2023.3244346
1317	Shri Saranyaa J., Peer Fathima A.	A Comprehensive Survey on the Current trends in Improvising the Renewable Energy incorporated Global Power System Market	IEEE Access			1	1	3.476	10.1109/ACCESS.2023.3252574
1318	Thangavel S., Mohanraj D., Girijaprasanna T., Raju S., Dhanamjayulu C., Muyeen S.M.	A Comprehensive Review on Electric Vehicle: Battery Management System, Charging Station, Traction Motors	IEEE Access	11		20994	21019	3.476	10.1109/ACCESS.2023.3250221
1319	Chaurasia A., Sharma V.S., Chowdhary C.L., Basheer S., Gadekallu T.R.	Non-Gaussian Traffic Modelling for Multicore Architecture Using Wavelet Based Rosenblatt Process	IEEE Access			1	1	3.476	10.1109/ACCESS.2023.3265572

1320	Baba Fakruddin Ali B.H., Ramachandran P.	Compressive Wavelet Domain Deep CNN for Image Classification Using Genetic Algorithm Based Sensing Mask Learning	IEEE Access	11		35567	35578	3.476	10.1109/ACCESS.202 3.3264605
1321	Chinnusami M., Ravikumar C., Priya S., Arumainayagam A., Pau G., Anbazhagan R., Srinivas Varma P., Sathish K.	Low Complexity Signal Detection for Massive MIMO in B5G Uplink System	IEEE Access			1	1	3.476	10.1109/ACCESS.202 3.3266476
1322	Jaiswal N.K., Ramakrishnan V.N.	An Optimized Vertical GaN Parallel Split Gate Trench MOSFET Device Structure for Improved Switching Performance	IEEE Access			1	1	3.476	10.1109/ACCESS.202 3.3265477
1323	Bebortta S., Tripathy S.S., Basheer S., Chowdhary C.L.	DeepMist: Towards Deep Learning Assisted Mist Computing Framework for Managing Healthcare Big Data	IEEE Access			1	1	3.476	10.1109/ACCESS.202 3.3266374
1324	Hemavathy S., Bhaaskaran V.S.K.	Arbiter PUF - A Review of Design, Composition, and Security Aspects	IEEE Access	11		33979	34004	3.476	10.1109/ACCESS.202 3.3264016
1325	Sahay R., Coustaty M.	An Enhanced Prototypical Network Architecture for Few- Shot Handwritten Urdu Character Recognition	IEEE Access	11		33682	33696	3.476	10.1109/ACCESS.202 3.3263721
1326	Shukla M., Kumar A.	An Experimental Analysis of Deep Neural Network Based Classifiers for Sentiment Analysis Task	IEEE Access			1	1	3.476	10.1109/ACCESS.202 3.3266640

1327	Lal M.D., Varadarajan R.	A Review of Machine Learning Approaches in Synchrophasor Technology	IEEE Access	11		33520	33541	3.476	10.1109/ACCESS.2023.3263547
1328	Aishwarya M., Brisilla R.M.	Design and Fault Diagnosis of Induction Motor Using ML-Based Algorithms for EV Application	IEEE Access	11		34186	34197	3.476	10.1109/ACCESS.2023.3263588
1329	Gunasekaran K., Vinoth Kumar V., Kaladevi A.C., Mahesh T.R., Rohith Bhat C., Venkatesan K.	Smart Decision-Making and Communication Strategy in Industrial Internet of Things	IEEE Access	11		28222	28235	3.476	10.1109/ACCESS.2023.3258407
1330	Choudhary D.K., Mishra N., Singh P.K., Sharma A.	Miniaturized Power Divider With Triple-Band Filtering Response Using Coupled Line	IEEE Access	11		27602	27608	3.476	10.1109/ACCESS.2023.3257985
1331	Ravikumar A., Sriraman H.	Computationally Efficient Neural Rendering for Generator Adversarial Networks Using a Multi-GPU Cluster in a Cloud Environment	IEEE Access			1	1	3.476	10.1109/ACCESS.2023.3274201
1332	Sakthivel R., Birundha Devi N., Ma Y., Harshavarthini S.	State estimation-based hybrid-triggered controller design for synchronization of repeated scalar nonlinear complex dynamical networks	IEEE Access			1	1	3.476	10.1109/ACCESS.2023.3270280
1333	Saraswat A., Abhishek K., Azad H.K., Shitharth S.	MSI-A: An energy efficient approximated cache coherence protocol	IEEE Access			1	1	3.476	10.1109/ACCESS.2023.3273219

1334	Rao P.M., Jangirala S., Pedada S., Das A.K., Park Y.	Blockchain Integration for IoT- Enabled V2X Communications: A Comprehensive Survey, Security Issues and Challenges	IEEE Access	11		54476	54494	3.476	10.1109/ACCESS.202 3.3281844
1335	Sasikumar A., Ravi L., Kotecha K., Abraham A., Devarajan M., Vairavasundaram S.	A Secure Big Data Storage Framework Based on Blockchain Consensus Mechanism With Flexible Finality	IEEE Access	11		56712	56725	3.476	10.1109/ACCESS.202 3.3282322
1336	Yadav K.A., Vijayakumar P.	An Efficient Lightweight Mutual Authentication and Key Exchange Protocol for Roaming Vehicle	IEEE Access	11		49540	49548	3.476	10.1109/ACCESS.202 3.3276822
1337	Seeja G., Doss A.S.A., Hency V.B.	A Novel Approach for Disaster Victim Detection Under Debris Environments Using Decision Tree Algorithms With Deep Learning Features	IEEE Access	11		54760	54772	3.476	10.1109/ACCESS.202 3.3281461
1338	Venkatasachandran thand P., Iyapparaja M.	Pest Detection and Classification in Peanut Crops Using CNN, MFO, and EViTA Algorithms	IEEE Access	11		54045	54057	3.476	10.1109/ACCESS.202 3.3281508
1339	Malghan P.G., Hota M.K.	An Improved VME Technique via Heap Based Optimization Algorithm and AWIT Method for PLI and MA Noise Elimination in ECG	IEEE Access	11		54070	54079	3.476	10.1109/ACCESS.202 3.3280564

1340	Sundar S., Sumathy S.	Classification of Diabetic Retinopathy Disease Levels by Extracting Topological Features Using Graph Neural Networks	IEEE Access	11		51435	51444	3.476	10.1109/ACCESS.2023.3279393
1341	Ganesh N., Jayalakshmi S., Narayanan R., Mahdal M., Zawbaa H.M., Mohamed A.W.	Gated Deep Reinforcement Learning with Red Deer Optimization for Medical Image Classification	IEEE Access			1	1	3.476	10.1109/ACCESS.2023.3281546
1342	Peta J., Koppu S.	Breast Cancer Classification In Histopathological Images Using Federated Learning Framework	IEEE Access			1	1	3.476	10.1109/ACCESS.2023.3283930
1343	Merlyn J.O., Lenin N.C.	Review of Control Topologies for Flux Switching Motor	IEEE Access	11		51241	51259	3.476	10.1109/ACCESS.2023.3278371
1344	Balasubramanian G., Kanagasabai A., Veezhinathan M., Mohan J.	Brain connectivity dynamics during listening to music and potential impact on task performance	Cognitive Neurodynamics					3.473	10.1007/s11571-023-09948-w
1345	Krishnapriya S., Karuna Y.	Pre-trained deep learning models for brain MRI image classification	Frontiers in Human Neuroscience	17				3.473	10.3389/fnhum.2023.1150120
1346	Menon P.M., Chandrasekaran N., Doss C.G.P., Shanmugam S.	Multi-drug loaded eugenol-based nanoemulsions for enhanced anti-mycobacterial activity	RSC Medicinal Chemistry					3.470	10.1039/d2md00320a

1347	Valarmathi R., Gowrisankar A.	On the variable order fractional calculus of fractal interpolation functions	Fractional Calculus and Applied Analysis					3.451	10.1007/s13540-023-00150-7
1348	Raja M.M., Vijayakumar V.	Approximate controllability results for the Sobolev type fractional delay impulsive integrodifferential inclusions of order $r \in (1, 2)$ via sectorial operator	Fractional Calculus and Applied Analysis					3.451	10.1007/s13540-023-00167-y
1349	Sunil S., Mandal B.K.	Synthesis of Fluorescent Carbon Quantum Dots Doped Graphitic Carbon Nitride and Its Application as Fe ³⁺ Sensors	Journal of Cluster Science					3.447	10.1007/s10876-023-02410-1
1350	Sankudevan P., Sakthivel R.V., Prakasam A., Al-Enizi A.M., Ubaidullah M., Pandit B., Dash C.S., Revathi S., Roniboss A., Sundararajan M.	Enhancement of Luminescence Mechanisms in Structural, Morphological, and Catalytic Properties of Undoped CuCr ₂ O ₄ and Mn-Doped CuCr ₂ O ₄	Journal of Cluster Science	34	3	1527	1534	3.447	10.1007/s10876-022-02328-0
1351	Santhoshkumar M., Perumal D., Narenkumar J., Ramachandran V., Muthusamy K., Alfarhan A., David E.	Potential use of bio functionalized nanoparticles to attenuate triple negative breast cancer (MDA-MB-231 cells)	Bioprocess and Biosystems Engineering					3.434	10.1007/s00449-023-02858-5

1352	Gangatharan Vinoth Kumar G., Bhaskar R., Harathi J., Jayaprakash N.	Selective colorimetric signaling of mercury (II) ions using a quinoline-based probe with INHIBIT logic gate behavior and test strip	Inorganic Chemistry Communications	148				3.428	10.1016/j.inoche.2022.110364
1353	Shobana K., Swamiappan S.	Synthesis, characterization, and in vitro bioactivity, mechanical strength of silver doped akermanite bioceramic	Inorganic Chemistry Communications	148				3.428	10.1016/j.inoche.2022.110347
1354	Arunachalapandi M., Roopan S.M.	Visible light-activated Cu ₃ TiO ₄ photocatalyst for the one-pot multicomponent synthesis of imidazo-pyrimido acridines	Inorganic Chemistry Communications	148				3.428	10.1016/j.inoche.2022.110310
1355	Shaji L.K., Jose J., Bhaskar R., Selva Kumar R., Vetriarasu V., Bhat S.G., Ashok Kumar S.K.	Smartphone assisted fluorescent-colorimetric probe for bismuth (III) ion and potential applications	Inorganic Chemistry Communications	147				3.428	10.1016/j.inoche.2022.110252
1356	John R.A.B., Ruban Kumar A.	Tuning the p-type conductivity of NiO for the room temperature formaldehyde detection	Inorganic Chemistry Communications	150				3.428	10.1016/j.inoche.2023.110445
1357	Venkatachalam V., Ganapathy S., Perumal I., Priyadarshini N., J.S S.J.S.	The size and defect controlled CdTe:In colloidal quantum dots via varying the InCl ₃ dopant precursor concentration in aqueous medium for improving solar cell performance	Inorganic Chemistry Communications	150				3.428	10.1016/j.inoche.2023.110395

1358	Dhanasekaran K., Napoleon A.A.	Pyrene derived imine functionalized moiety for highly selective colorimetric detection of Cu ²⁺ ion real time sample with supportive DFT studies	Inorganic Chemistry Communications	151				3.428	10.1016/j.inoche.2023.110481
1359	Singh N., Hamid Y., Juneja S., Srivastava G., Dhiman G., Gadekallu T.R., Shah M.A.	Load balancing and service discovery using Docker Swarm for microservice based big data applications	Journal of Cloud Computing	12	1			3.418	10.1186/s13677-022-00358-7
1360	Paulraj D., Neelakandan S., Prakash M., Baburaj E.	Admission control policy and key agreement based on anonymous identity in cloud computing	Journal of Cloud Computing	12	1			3.418	10.1186/s13677-023-00446-2
1361	Venkat A., Bae D.-W., Muneer S.	Circadian Clock Contributes to Modulate Salinity Stress-Responsive Antioxidative Mechanisms and Chloroplast Proteome in <i>Spinacia oleracea</i>	Agriculture (Switzerland)	13	2			3.408	10.3390/agriculture13020429
1362	Devendran K., Balu A.R., Suganya M., Vinitha G., Delci Z., Karthika M., Kayathiri C., Chitra Devi S., Sriramraj M.	Improved figure of merit, pseudo-capacitive and optical switching abilities of sol-gel derived cauliflower shaped CdO:La nanostructures	Materials Science and Engineering B: Solid-State Materials for Advanced Technology	292				3.407	10.1016/j.mseb.2023.116443

1363	Aghajamali A., Suthar B., Nayak C., Srivastava S.K.	Bandgaps of microwave photonic crystals: Study of quasi-periodic metamaterial multilayers	Materials Science and Engineering B: Solid-State Materials for Advanced Technology	295				3.407	10.1016/j.mseb.2023.116547
1364	Saravanakumar T., Kumar R.S.	Fuzzy Based Interleaved Step-up Converter for Electric Vehicle	Intelligent Automation and Soft Computing	35	1	1103	1118	3.401	10.32604/iasc.2023.025511
1365	Praiselin W.J., Belwin Edward J.	Power-Sharing Enhancement Using Harmonized Membership Fuzzy Logic Droop Control Based Micro-Grid	Intelligent Automation and Soft Computing	36	2	1395	1415	3.401	10.32604/iasc.2023.028970
1366	Nandagopal V., Balaji Damodhar T.S., Vijayapriya P., Thamilmaran A.	Improving Power Quality by DSTATCOM Based DQ Theory with Soft Computing Techniques	Intelligent Automation and Soft Computing	36	2	1315	1329	3.401	10.32604/iasc.2023.032039
1367	Venkatesh K., Pasupathy S., Raja S.P.	A Construction of Object Detection Model for Acute Myeloid Leukemia	Intelligent Automation and Soft Computing	36	1	543	560	3.401	10.32604/iasc.2023.030701
1368	Dutta N., Kaliannan P., Shanmugam P.	SVM Algorithm for Vibration Fault Diagnosis in Centrifugal Pump	Intelligent Automation and Soft Computing	35	3	2997	3020	3.401	10.32604/iasc.2023.028704
1369	Subbiah S.S., Paramasivan S.K., Arockiasamy K., Senthivel S., Thangavel M.	Deep Learning for Wind Speed Forecasting Using Bi-LSTM with Selected Features	Intelligent Automation and Soft Computing	35	3	3829	3844	3.401	10.32604/iasc.2023.030480
1370	Kavitha V., Subramanian K.	Design and Analysis of Novel Three-Phase PFC for IM Drives	Intelligent Automation and Soft Computing	35	1	231	241	3.401	10.32604/iasc.2023.024257

1371	Theresa W.G., Gayathri A., Rama P.	A Collaborative Approach for Secured Routing in Mobile Ad-Hoc Network	Intelligent Automation and Soft Computing	35	2	1337	1351	3.401	10.32604/iasc.2023.028425
1372	Kapadia A.M., Nithyanandam P.	A Recursive High Payload Reversible Data Hiding Using Integer Wavelet and Arnold Transform	Intelligent Automation and Soft Computing	35	1	537	552	3.401	10.32604/iasc.2023.027070
1373	Kulkarni A., Beulet P.A.S.	Sensor-based adaptive estimation in a hybrid environment employing state estimator filters	Intelligent Automation and Soft Computing	37	1	127	146	3.401	10.32604/iasc.2023.035144
1374	Demirpolat H., Binali R., Patange A.D., Pardeshi S.S., Gnanasekaran S.	Comparison of Tool Wear, Surface Roughness, Cutting Forces, Tool Tip Temperature, and Chip Shape during Sustainable Turning of Bearing Steel	Materials	16	12			3.4	10.3390/ma16124408
1375	Banerjee M., Devi Rajeswari V.	A novel cross-communication of HIF-1 α and HIF-2 α with Wnt signaling in TNBC and influence of hypoxic microenvironment in the formation of an organ-on-chip model of breast cancer	Medical Oncology	40	8			3.4	10.1007/s12032-023-02112-8
1376	Wanjari U.R., Gopalakrishnan A.V.	A review on immunological aspects in male reproduction: An immune cells and cytokines	Journal of Reproductive Immunology	158				3.4	10.1016/j.jri.2023.103984

1377	Pant H., Arora A., Gopakumar G.S., Chadha U., Saeidi A., Patterson A.E.	Applications of wire arc additive manufacturing (WAAM) for aerospace component manufacturing	International Journal of Advanced Manufacturing Technology					3.4	10.1007/s00170-023- 11623-7
1378	Malik S., Bora J., Nag S., Sinha S., Mondal S., Rustagi S., Hazra R., Kumar H., Rajput V.D., Minkina T., Sadier N.S., Almutary A.G.	Fungal-Based Remediation in the Treatment of Anthropogenic Activities and Pharmaceutical-Pollutant- Contaminated Wastewater	Water (Switzerland)	15	12			3.4	10.3390/w15122262
1379	Mukherjee A.G., Ramesh Wanjari U., Valsala Gopalakrishnan A., Jayaraj R., Katturajan R., Kannampuzha S., Murali R., Namachivayam A., Evan Prince S., Vellingiri B., Dey A., Renu K.	HPV-associated cancers: insights into the mechanistic scenario and latest updates	Medical Oncology	40	8			3.4	10.1007/s12032-023- 02085-8
1380	Mukherjee A.G., Gopalakrishnan A.V., Jayaraj R., Ganesan R., Renu K., Vellingiri B., Dey A., Parveen M.	Recent advances in understanding brain cancer metabolomics: a review	Medical Oncology	40	8			3.4	10.1007/s12032-023- 02109-3
1381	Mukherjee A.G., Gopalakrishnan A.V.	The mechanistic insights of the antioxidant Keap1-Nrf2 pathway in oncogenesis: a deadly scenario	Medical Oncology	40	9			3.4	10.1007/s12032-023- 02124-4

1382	Kumaravelu V.B., Imoize A.L., Soria F.R.C., Velmurugan P.G.S., Thiruvengadam S.J., Do D.-T., Murugadass A.	RIS-Assisted Fixed NOMA: Outage Probability Analysis and Transmit Power Optimization	Future Internet	15	8			3.4	10.3390/fi15080249
1383	Halder P., Dalui S., Sardar S., Bandyopadhyay A.	Arbitrary amplitude dust-ion acoustic nonlinear and supernonlinear wave structures in a magnetized five components plasma	European Physical Journal Plus	138	8			3.4	10.1140/epjp/s1336 0-023-04359-6
1384	Bandekar S.R., Ghosh M., Bi K.	Impact of high-risk and low- risk population on COVID-19 dynamics considering antimicrobial resistance and control strategies	European Physical Journal Plus	138	8			3.4	10.1140/epjp/s1336 0-023-04328-z
1385	Govardhan S., Roy S.	Topological analysis of hexagonal and rectangular porous graphene with applications to predicting π - electron energy	European Physical Journal Plus	138	7			3.4	10.1140/epjp/s1336 0-023-04307-4
1386	Kannampuzha S., Gopalakrishnan A.V.	Cancer chemoresistance and its mechanisms: Associated molecular factors and its regulatory role	Medical Oncology	40	9			3.4	10.1007/s12032-023- 02138-y
1387	Sannigrahi S., Kumar A S., Mathiyarasu J., Suthindhiran K.	Detection of Escherichia coli in Food Samples by Magnetosome-based Biosensor	Biotechnology and Bioprocess Engineering					3.386	10.1007/s12257-022- 0235-1

1388	Manickam G., Polit O., Haboussi M., Chettiar A., Kulkarni V., Gunasekaran V.	Post-buckling of variable stiffness curvilinear fibre-reinforced general lay-up composite beams by sinusoidal shear flexible theory	Journal of Reinforced Plastics and Composites					3.383	10.1177/07316844231158063
1389	Lakshmanan S., Joo Y.H.	Fuzzy sampled-data control of PMSG-based wind turbine systems with random occurring uncertainties	International Journal of Adaptive Control and Signal Processing					3.369	10.1002/acs.3640
1390	Thulasiraman A.V., Ganesapillai M.	A Systematic Review on the Synthesis of Silicon Carbide: An Alternative Approach to Valorisation of Residual Municipal Solid Waste	Processes	11	1			3.352	10.3390/pr11010283
1391	Vijayakumar K.P., Pradeep K., Balasundaram A., Prusty M.R.	Enhanced Cyber Attack Detection Process for Internet of Health Things (IoHT) Devices Using Deep Neural Network	Processes	11	4			3.352	10.3390/pr11041072
1392	Nivedhitha D.M., Jeyanthi S.	Polyvinylidene fluoride—An advanced smart polymer for electromagnetic interference shielding applications—A novel review	Polymers for Advanced Technologies					3.348	10.1002/pat.6015

1393	Bommakanti V., Puthenparambil Ajikumar A., Sivi C.M., Prakash G., Mundanat A.S., Ahmad F., Haque S., Prieto M.A., Rana S.S.	An Overview of Herbal Nutraceuticals, Their Extraction, Formulation, Therapeutic Effects and Potential Toxicity	Separations	10	3			3.344	10.3390/separations 10030177
1394	Chatterjee P., Karn R., Isaac A.E., Ray S.	Unveiling the vulnerabilities of synthetic lethality in triple- negative breast cancer	Clinical and Translational Oncology					3.34	10.1007/s12094-023- 03191-9
1395	Padgaonkar M., Shendre S., Chatterjee P., Banerjee S.	Cancer secretome: finding out hidden messages in extracellular secretions	Clinical and Translational Oncology	25	5	1145	1155	3.34	10.1007/s12094-022- 03027-y
1396	GnanaSekar S., Rajamohan V.	Non-linear buckling analysis of MWCNT reinforced hybrid composite shell subjected to hydrostatic pressure: A numerical and experimental investigation	Mechanics of Advanced Materials and Structures					3.338	10.1080/15376494.2 023.2167247
1397	Doodi R., Gunji B.M.	An experimental and numerical investigation on the performance of novel hybrid bio-inspired 3D printed lattice structures for stiffness and energy absorption applications	Mechanics of Advanced Materials and Structures					3.338	10.1080/15376494.2 023.2188324

1398	Manickam G., Haboussi M., D'Ottavio M., Kulkarni V., Chettiar A., Gunasekaran V.	Nonlinear thermo-elastic stability of variable stiffness curvilinear fibres based layered composite beams by shear deformable trigonometric beam model coupled with modified constitutive equations	International Journal of Non- Linear Mechanics	148				3.336	10.1016/j.ijnonlinme c.2022.104303
1399	Singh A., Arya K.	Surface instability of sheared active skeletal muscle tissue with loss of muscle mass	International Journal of Non- Linear Mechanics	148				3.336	10.1016/j.ijnonlinme c.2022.104273
1400	Lakshminarayanan K., Ramu V., Rajendran J., Chandrasekaran K.P., Shah R., Daulat S.R., Moodley V., Madathil D.	The Effect of Tactile Imagery Training on Reaction Time in Healthy Participants	Brain Sciences	13	2			3.333	10.3390/brainsci130 20321
1401	Lakshminarayanan K., Shah R., Daulat S.R., Moodley V., Yao Y., Sengupta P., Ramu V., Madathil D.	Evaluation of EEG Oscillatory Patterns and Classification of Compound Limb Tactile Imagery	Brain Sciences	13	4			3.333	10.3390/brainsci130 40656
1402	Shunmuga Vembu P.R., Ammasi A.K.	A Comprehensive Review on the Factors Affecting Bond Strength in Concrete	Buildings	13	3			3.324	10.3390/buildings13 030577
1403	Devarajan G.G., Thirunnavukkarasan M., Amanullah S.I., Vignesh T., Sivaraman A.	An integrated security approach for vehicular networks in smart cities	Transactions on Emerging Telecommunicati ons Technologies					3.31	10.1002/ett.4757

1404	Navabharat Reddy G., Ravikumar C.V.	Ensemble learning-based channel estimation and hybrid precoding for millimeter-wave massive multiple input multiple output system	Transactions on Emerging Telecommunications Technologies					3.31	10.1002/ett.4766
1405	Manasa B.M.R., Venugopal P.	Efficient Channel Estimation in Multiple Input Multiple Output Communication Systems using Hybrid Intelligence-based Deep Learning Model using Horse Dingo Optimizer	Transactions on Emerging Telecommunications Technologies					3.31	10.1002/ett.4797
1406	Kumar P., Udayakumar A., Anbarasa Kumar A., Senthamarai Kannan K., Krishnan N.	Multiparameter optimization system with DCNN in precision agriculture for advanced irrigation planning and scheduling based on soil moisture estimation	Environmental Monitoring and Assessment	195	1			3.307	10.1007/s10661-022-10529-3
1407	Annamalai S., Muthukumar V., Alkhulaifi M.M.	A converged approach of electro-biological process for decolorization and degradation of toxic synthetic dyes	Environmental Monitoring and Assessment	195	1			3.307	10.1007/s10661-022-10583-x
1408	Nachiappan K., Chandrasekaran R.	Reformation of dairy effluent—a phycoremediation approach	Environmental Monitoring and Assessment	195	3			3.307	10.1007/s10661-023-10995-3
1409	Parida L., Patel T.N.	Systemic impact of heavy metals and their role in cancer development: a review	Environmental Monitoring and Assessment	195	6			3.307	10.1007/s10661-023-11399-z

1410	Padhan A.K., Sahu H.K., Sahu P.R., Samantaray S.R.	Performance Analysis of Smart Grid Wide Area Network with RIS Assisted Three Hop System	IEEE Transactions on Signal and Information Processing over Networks			1	11	3.301	10.1109/TSIPN.2023.3239652
1411	R. S.K., Sen Gupta B.	Shear induced fluidization of thermal amorphous solids	Physica A: Statistical Mechanics and its Applications	625				3.3	10.1016/j.physa.2023.129012
1412	Sivapriya G., Manjula Devi R., Keerthika P.	Computer-aided diagnostic model for retinal vascular diseases using graph-based attention mechanism	Journal of Supercomputing					3.3	10.1007/s11227-023-05581-w
1413	Radha K., Karuna Y.	Retinal vessel segmentation to diagnose diabetic retinopathy using fundus images: A survey	International Journal of Imaging Systems and Technology					3.3	10.1002/ima.22945
1414	Hameed S., Saha S.	Analysis of mixed convective Buongiorno nanofluid flow in a non-Darcy porous medium	Journal of Taibah University for Science	17	1			3.3	10.1080/16583655.2023.2233755
1415	Pious A., Ragavi S., Kamlekar R.K., Mariappan M., Anbazhagan V.	2-Pyridylmethyl-N-palmitoylglycine micelle-guided synthesis of a recyclable CuO@SiO ₂ nanocatalyst for hydride transfer nitro reduction in water	New Journal of Chemistry					3.3	10.1039/d3nj02896h

1416	Prakash K., Lakshmi G., Muralidharan S., Arunpandian M., Babu S.G.	Rational construction of metal-free carbon quantum dots/graphitic carbon nitride composite photocatalyst for mitigation of organic containments	Research on Chemical Intermediates	49	9	3787	3805	3.3	10.1007/s11164-023-05046-y
1417	Fischer T.L., Bödecker M., Schweer S.M., Dupont J., Lepère V., Zehnacker-Rentien A., Suhm M.A., Schröder B., Henkes T., Andrada D.M., Balabin R.M., Singh H.K., Bhattacharyya H.P., Sarma M., Käser S., Töpfer K., Vazquez-Salazar L.I., Boittier E.D., Meuwly M., Mandelli G., Lanzi C., Conte R., Ceotto M., Dietrich F., Cisternas V., Gnanasekaran R., Hippler M., Jarraya M., Hochlaf M., Viswanathan N., Nevolianis T., Rath G., Kopp W.A., Leonhard K., Mata R.A.	The first HyDRA challenge for computational vibrational spectroscopy	Physical Chemistry Chemical Physics					3.3	10.1039/d3cp01216f

1418	Rajalakshmi R., Selvaraj S., Faerie Mattins R., Vasudevan P., Anand Kumar M.	HOTTEST: Hate and Offensive content identification in Tamil using Transformers and Enhanced STemming	Computer Speech and Language	78				3.252	10.1016/j.csl.2022.1 01464
1419	Mishra S., Rajashekaran S., Mohan P.K., Lokesh S.M., Ganiga H.J., Dash S.K., Roccotelli M.	Implementation of an ADALINE-Based Adaptive Control Strategy for an LCLC- PV-DSTATCOM in Distribution System for Power Quality Improvement	Energies	16	1			3.252	10.3390/en1601032 3
1420	Loganathan A.S., Ramachandran V., Perumal A.S., Dhanasekaran S., Lakshmaiya N., Paramasivam P.	Framework of Transactive Energy Market Strategies for Lucrative Peer-to-Peer Energy Transactions	Energies	16	1			3.252	10.3390/en1601000 6
1421	Kathiravan C., Selvam M., Maniam B., Dana L.P., Babu M.	The Effects of Crude Oil Price Surprises on National Income: Evidence from India	Energies	16	3			3.252	10.3390/en1603114 8
1422	Suvvala J., Kumar K.S.	Implementation of EFC Charging Station by Multiport Converter with Integration of RES	Energies	16	3			3.252	10.3390/en1603152 1
1423	Baseer M.A., Vinoth Kumar V., Izonin I., Dronyuk I., Velmurugan A.K., Swapna B.	Novel Hybrid Optimization Techniques to Enhance Reliability from Reverse Osmosis Desalination Process	Energies	16	2			3.252	10.3390/en1602071 3

1424	Sivamayil K., Rajasekar E., Aljafari B., Nikolovski S., Vairavasundaram S., Vairavasundaram I.	A Systematic Study on Reinforcement Learning Based Applications	Energies	16	3			3.252	10.3390/en16031512
1425	Dash S.K., Chakraborty S., Elangovan D.	A Brief Review of Hydrogen Production Methods and Their Challenges	Energies	16	3			3.252	10.3390/en16031141
1426	Joshi V., Noronha W., Vinayagamurthy G., Sivakumar R., Rajasekarababu K.B.	Determination of Optimum Outlet Slit Thickness and Outlet Angle for the Bladeless Fan Using the CFD Approach	Energies	16	4			3.252	10.3390/en16041633
1427	Reka S.S., Venugopal P., Ravi V., Dragicevic T.	Privacy-Based Demand Response Modeling for Residential Consumers Using Machine Learning with a Cloud–Fog-Based Smart Grid Environment	Energies	16	4			3.252	10.3390/en16041655
1428	Swaminathan D., Rajagopalan A., Montoya O.D., Arul S., Grisales-Noreña L.F.	Distribution Network Reconfiguration Based on Hybrid Golden Flower Algorithm for Smart Cities Evolution	Energies	16	5			3.252	10.3390/en16052454
1429	Manikandan G., Kanna P.R., Taler D., Sobota T.	Review of Waste Cooking Oil (WCO) as a Feedstock for Biofuel—Indian Perspective	Energies	16	4			3.252	10.3390/en16041739
1430	Narayanaswamy J., Mandava S.	Non-Isolated Multiport Converter for Renewable Energy Sources: A Comprehensive Review	Energies	16	4			3.252	10.3390/en16041834

1431	Velayudhan J., Subramanian S.	Development of Manganese-Coated Graphite Electrode in a Dual-Chambered Fuel Cell for Selenite Removal and Bio-Electricity Generation from Wastewater Effluent by <i>Bacillus cereus</i>	Energies	16	6			3.252	10.3390/en16062880
1432	Abdulkader R., Ghanimi H.M.A., Dadheech P., Alharbi M., El-Shafai W., Fouda M.M., Aly M.H., Swaminathan D., Sengan S.	Soft Computing in Smart Grid with Decentralized Generation and Renewable Energy Storage System Planning	Energies	16	6			3.252	10.3390/en16062655
1433	Rayan B.A., Subramaniam U., Balamurugan S.	Wireless Power Transfer in Electric Vehicles: A Review on Compensation Topologies, Coil Structures, and Safety Aspects	Energies	16	7			3.252	10.3390/en16073084
1434	Singh R.K., Douglin J.C., Jiang L., Yassin K., Brandon S., Dekel D.R.	CoOx-Fe3O4/N-rGO Oxygen Reduction Catalyst for Anion-Exchange Membrane Fuel Cells	Energies	16	8			3.252	10.3390/en16083425
1435	Kumar B.V., Kanna P.R., Manikandan G., Taler D., Taler J., Sobota T., Nowak-Octoń M.	Investigation of Thermo-Hydraulic Performances of Artificial Ribs Mounted in a Rectangular Duct	Energies	16	11			3.252	10.3390/en16114404
1436	Parthasarathy M., Prince S.E.	<i>Andrographis paniculata</i> (Burm.f.) Nees Alleviates Methotrexate-Induced Hepatotoxicity in Wistar Albino Rats	Life	13	5			3.251	10.3390/life13051173

1437	Palaniyappan B., T V., Chandrasekaran G.	Solving electric power distribution uncertainty using deep learning and incentive-based demand response	Utilities Policy	82				3.247	10.1016/j.jup.2023.101579
1438	Priyadarshini R., Abdullah A.S., Karthikeyan K.V., Vinoth M., Martin B., Geerthik S., Wilfred F., Alyami N.M., Sundaram R.S.	Utilization of Bioinorganic Nanodrugs and Nanomaterials for the Control of Infectious Diseases Using Deep Learning	BioMed Research International	2023				3.246	10.1155/2023/7464159
1439	Dey S., Paul S., Nag A., Sengupta R., Gopal G., Jose J., Xavier J., Mukherjee A., Kundu R.	Iron pulsing, a cost effective and affordable seed invigoration technique for iron bio-fortification and nutritional enrichment of rice grains	Plant Growth Regulation					3.242	10.1007/s10725-022-00957-z
1440	Mandal S., Gupta S.K., Ghorai M., Patil M.T., Biswas P., Kumar M., Radha, Gopalakrishnan A.V., Mohture V.M., Rahman M.H., Prasanth D.A., Mane A.B., Jha N.K., Jha S.K., Lal M.K., Tiwari R.K., Dey A.	Plant nutrient dynamics: a growing appreciation for the roles of micronutrients	Plant Growth Regulation	100	2	435	452	3.242	10.1007/s10725-023-01006-z

1441	Reena Roy R., Shanmugam L., Vinothini A., Venkatachalam N., Sumathy G., Murugesan B., Mercy Rajaselvi Beaulah P., Kerga G.A.	Investigation of the Wear Behavior of AA6063/Zirconium Oxide Nanocomposites Using Hybrid Machine Learning Algorithms	Journal of Chemistry	2023				3.241	10.1155/2023/7571 588
1442	Magdum R., Chinnaiyan P.	Experimental Investigation and Optimization of AZ31 Mg alloy during Warm Incremental Sheet Forming to Study Fracture and Forming Behaviour	Coatings	13	1			3.236	10.3390/coatings13 010068
1443	Dora R., Saha S., Lu D.Q., Mohanty S.K.	Wave resonances and hydroelastic wave motion	Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences	479	2272			3.213	10.1098/rspa.2023.0 105
1444	Saravanan B., Musthafa B., Asokan M.A.	ASSESSMENT of CI ENGINE VIBRATION at VARIOUS INJECTION TIMING and injection pressure with CEIBA PENTANDRA BIODIESEL	International Journal of Green Energy					3.206	10.1080/15435075.2 023.2211131
1445	Kaur G., Braveen M., Krishnapriya S., Wawale S.G., Castillo- Picon J., Malhotra D., Osei-Owusu J.	Machine Learning Integrated Multivariate Water Quality Control Framework for Prawn Harvesting from Fresh Water Ponds	Journal of Food Quality	2023				3.200	10.1155/2023/3841 882

1446	Xavier Chelliah A.X.G.	A normal I/O order optimized dual-mode pipelined FFT architecture for processing real-valued signals and complex-valued signals	AEU - International Journal of Electronics and Communications	170				3.2	10.1016/j.aeue.2023.154782
1447	Thirugnanasambanda m S., Govindanarayanan I.	Wideband tripolarized circular patch antenna for fifth-generation access point applications	AEU - International Journal of Electronics and Communications	170				3.2	10.1016/j.aeue.2023.154803
1448	Duraivel B., Muthuswamy N., Shaik S., Cuce E., Owolabi A.B., Li H.X., Kavgiç M.	Extensive Analysis of a Reinvigorated Solar Water Heating System Using Low-Density Polyethylene Glazing	Energies	16	16			3.2	10.3390/en16165902
1449	Sridharan N.V., Joseph J.V., Vaithiyanathan S., Aghaei M.	Weightless Neural Network-Based Detection and Diagnosis of Visual Faults in Photovoltaic Modules	Energies	16	15			3.2	10.3390/en16155824
1450	Dinesh K., Santhosh Kumar S.V.N.	Energy-efficient trust-aware secured neuro-fuzzy clustering with sparrow search optimization in wireless sensor network	International Journal of Information Security					3.2	10.1007/s10207-023-00737-4
1451	Jerome Vasanth J., Naveen Venkatesh S., Sugumaran V., Mahamuni V.S.	Enhancing Photovoltaic Module Fault Diagnosis with Unmanned Aerial Vehicles and Deep Learning-Based Image Analysis	International Journal of Photoenergy	2023				3.2	10.1155/2023/8665729

1452	Sonali J.M.I., Gayathri K.V., Kumar P.S., Rangasamy G., Poorva C.S., Kumar S.U., Doss C.G.P., Gnanasambandan R.	Effect of Biogenic Selenium Nanocomposite on Okra and Metagenomic Analysis of Bacterial Community Associated with Rhizosphere and Phyllosphere	Waste and Biomass Valorization					3.2	10.1007/s12649-023-02215-3
1453	Pandeswari P.B., Isaac A.E., Sabareesh V.	Database Creator for Mass Analysis of Peptides and Proteins, DC-MAPP: A Standalone Tool for Simplifying Manual Analysis of Mass Spectral Data to Identify Peptide/Protein Sequences	Journal of the American Society for Mass Spectrometry					3.2	10.1021/jasms.3c00030
1454	Chidambaram R.K., Chatterjee D., Barman B., Das P.P., Taler D., Taler J., Sobota T.	Effect of Regenerative Braking on Battery Life	Energies	16	14			3.2	10.3390/en16145303
1455	Dutta T., Das T., Gopalakrishnan A.V., Saha S.C., Ghorai M., Nandy S., Kumar M., Radha, Ghosh A., Mukerjee N., Dey A.	Mangiferin: the miraculous xanthone with diverse pharmacological properties	Naunyn-Schmiedeberg's Archives of Pharmacology					3.195	10.1007/s00210-022-02373-6

1456	Priyadharsini M., David Maxim Gururaj A.	Mathematical modelling and analysis of thermoregulation effects on blood viscosity under magnetic effects and thermal radiation in a permeable stretching capillary	Journal of Thermal Biology	111				3.189	10.1016/j.jtherbio.2 022.103398
1457	Chakraborty A., Roy S., Hande M.P., Banerjee B.	Telomere attrition and genomic instability in unexplained recurrent pregnancy loss in humans: A preliminary study	Mutation Research - Genetic Toxicology and Environmental Mutagenesis	886				3.189	10.1016/j.mrgentox. 2022.503580
1458	Wang Y., Ma Y., Huang H., Wang B., Acharjya D.P.	A split–merge clustering algorithm based on the k- nearest neighbor graph	Information Systems	111				3.180	10.1016/j.is.2022.10 2124
1459	Shaw M., Choukiker Y.K.	Reconfigurable polarization and pattern microstrip antenna for IRNSS band applications	AEU - International Journal of Electronics and Communications	160				3.169	10.1016/j.aeue.2022 .154501
1460	Chakraborty A., Singh I., Gupta S., Ram G., Mandal D.	Sideband power control in Time-Modulated antenna arrays for bidirectional harmonic beamforming and beam scanning	AEU - International Journal of Electronics and Communications	170				3.169	10.1016/j.aeue.2023 .154788

1461	Acharya A.P., Das T.K., Shaw T.	Design and analysis of compact flower-shaped wideband slotted monopole antenna for RFID reader applications	AEU - International Journal of Electronics and Communications	169				3.169	10.1016/j.aeue.2023.154718
1462	Kumar R., Arjunaditya, Singh D., Srinivasan K., Hu Y.-C.	AI-Powered Blockchain Technology for Public Health: A Contemporary Review, Open Challenges, and Future Research Directions	Healthcare (Switzerland)	11	1			3.160	10.3390/healthcare11010081
1463	Upadhyay A., Basha N.K., Ananthkrishnan B.	Deep Learning-Based Yoga Posture Recognition Using the Y_PN-MSSD Model for Yoga Practitioners	Healthcare (Switzerland)	11	4			3.160	10.3390/healthcare11040609
1464	Khope S.R., Elias S.	Strategies of Predictive Schemes and Clinical Diagnosis for Prognosis Using MIMIC-III: A Systematic Review	Healthcare (Switzerland)	11	5			3.160	10.3390/healthcare11050710
1465	Uma Maheswari G., Ganesh N.S., Srinivas T., Reddy B.V.	Performance investigation on novel combined power generation and refrigeration system	Energy and Environment					3.154	10.1177/0958305X231159448
1466	Pochont N.R., Sekhar Y.R.	Numerical Simulation of Nitrogen-Doped Titanium Dioxide as an Inorganic Hole Transport Layer in Mixed Halide Perovskite Structures Using SCAPS 1-D	Inorganics	11	1			3.149	10.3390/inorganics11010003

1467	Naik N., Chandrasekaran K., Sundaram V.M., Panneer P.	Dual attention guided deep encoder-decoder network for change analysis in land use/land cover for Dakshina Kannada District, Karnataka, India	Environmental Earth Sciences	82	1			3.119	10.1007/s12665-022-10713-1
1468	Sai Pradeep P., Mayakrishnan M.	Microstructural characterization of lime modified bagasse ash blended expansive clays using digital image analysis	Environmental Earth Sciences	82	7			3.119	10.1007/s12665-023-10848-9
1469	Arunachalapandi M., Roopan S.M.	Photo-triggered sustainable synthesis of quinazolinone derivatives using visible light active exfoliated g-C ₃ N ₄ /Cu ₃ TiO ₄ as a heterogeneous photocatalyst	Inorganica Chimica Acta	546				3.118	10.1016/j.ica.2022.121322
1470	Pouthika K., Madhumitha G.	Synergistic synthesis of Carrisa edulis fruit extract capped heterogeneous CuO-ZnO-HNT composite for photocatalytic removal of organic pollutants	Inorganica Chimica Acta	551				3.118	10.1016/j.ica.2023.121457
1471	Jayakumar J., Priyadarshini D., Parthasarathy A., Reddy S.R.	Recent Advances in Molecular Oxygen Assisted Laccase Catalyzed Sustainable Organic Transformations	Asian Journal of Organic Chemistry	12	1			3.116	10.1002/ajoc.202200564

1472	Zeist A.R., Henschel J.M., Júnior A.D.S., Oliveira G.J.A., Neto J.G., Beauboeuf C.B., Parthasarathi T., de Resende J.T.V.	Responses of rootstocks variability to tolerate salinity in tomato	South African Journal of Botany	153		280	289	3.111	10.1016/j.sajb.2023.01.010
1473	Fowsiya J., Muthusamy K., Alfarhan A., Madhumitha G.	Promising insecticidal effect of <i>C. edulis</i> phytochemical loaded nanoemulsion using Ag2O and ZnO NPs: A synergistic combination by ultra-sonication against crop damaging insects	South African Journal of Botany	157		566	578	3.111	10.1016/j.sajb.2023.04.016
1474	Priya P.S., Kumar R.S., Gawwad M.R.A., Alarjani K.M., Elshikhe M.S., Namasivayam S.K.R., Arockiaraj J.	Azadiradione (AZD), neem biomass derived limonoid extraction, characterization, potential biological activities with special reference to anti-microbial and anti-cancer activities	South African Journal of Botany	158		405	416	3.111	10.1016/j.sajb.2023.05.042
1475	Gyasi E.K., Swarnalatha P.	Cloud-MobiNet: An Abridged Mobile-Net Convolutional Neural Network Model for Ground-Based Cloud Classification	Atmosphere	14	2			3.110	10.3390/atmos14020280
1476	Singh K.S., Nayak S., Maity S., Nayak H.P., Dutta S.	Prediction of Extremely Severe Cyclonic Storm "Fani" Using Moving Nested Domain	Atmosphere	14	4			3.11	10.3390/atmos14040637

1477	Radhika T., Chandrasekar A., Vijayakumar V., Zhu Q.	Analysis of Markovian Jump Stochastic Cohen–Grossberg BAM Neural Networks with Time Delays for Exponential Input-to-State Stability	Neural Processing Letters					3.1	10.1007/s11063-023- 11364-4
1478	Das S., Paramane A., Mohan Rao U., Chatterjee S., Sathish Kumar K.	Corrosive Dibenzyl Disulfide Concentration Prediction in Transformer Oil Using Deep Neural Network	IEEE Transactions on Dielectrics and Electrical Insulation			1	1	3.1	10.1109/TDEI.2023.3 289774
1479	Kanchanamala P., Selva Rani B., Vairamuthu S.	Exponential Chimp Optimization Algorithm based Deep Neuro-Fuzzy Network with MapReduce framework for fake news detection in big data analytics	International Journal of Adaptive Control and Signal Processing					3.1	10.1002/acs.3645
1480	Gundawar A., Lodha S., Vijayarajan V., Iyer B., Prasath V.B.S.	On the Performance of new Higher Order Transformation Functions for Highly Efficient Dense Layers	Neural Processing Letters					3.1	10.1007/s11063-023- 11343-9
1481	Sathish S., Nirmala R., Ra Y.–H., Navamathavan R.	Factors influencing the pyrolysis products of waste tyres and its practical applications: a mini topical review	Journal of Material Cycles and Waste Management					3.1	10.1007/s10163-023- 01758-w
1482	Parasuraman E.	Stability of kink, anti kink and dark soliton solution of nonlocal Kundu–Eckhaus equation	Optik	290				3.1	10.1016/j.ijleo.2023. 171279

1483	Praveena S., Senthilnathan K.	A review: Rise of PT-symmetry for laser applications	Optik	289				3.1	10.1016/j.ijleo.2023. 171260
1484	Sangineni R., Chandrasekaran T., Nayak S.K.	Study of Partial Discharges in Fresh and Oxidative Aged Mineral-Natural Ester Blended Oils	IEEE Transactions on Dielectrics and Electrical Insulation			1	1	3.1	10.1109/TDEI.2023.3 308531
1485	Haribaskar R., Kumar T.S.	Defects in Metal Additive Manufacturing: Formation, Process Parameters, Postprocessing, Challenges, Economic Aspects, and Future Research Directions	3D Printing and Additive Manufacturing					3.1	10.1089/3dp.2022.0 344
1486	Sultana S.A., Rupa C., Malleswari R.P., Gadekallu T.R.	IPFS-Blockchain Smart Contracts Based Conceptual Framework to Reduce Certificate Frauds in the Academic Field	Information (Switzerland)	14	8			3.1	10.3390/info140804 46
1487	Sivagami M., Asharani I.V.	Sunlight-assisted photocatalytic degradation of orange G dye using cost- effective zinc oxide nanoparticles	Photochemical and Photobiological Sciences					3.1	10.1007/s43630-023- 00462-w
1488	Dutta Gupta O., Karbat I., Pal K.	Understanding the Molecular Regulation of Serotonin Receptor 5-HTR1B- β -Arrestin1 Complex in Stress and Anxiety Disorders	Journal of Molecular Neuroscience					3.1	10.1007/s12031-023- 02146-7
1489	Saravanan K., Kouzani A.Z.	Advancements in On-Device Deep Neural Networks	Information (Switzerland)	14	8			3.1	10.3390/info140804 70

1490	Mahitha O., Golla V.K.A., Öztop H.F., Abu-Hamedeh N.H.	Investigation of MHD natural convective flow of optically thick medium-radiating CNT Casson nanofluid over an infinite flat plate with reference to Caputo fractional derivative: As an application to water purification	Journal of Magnetism and Magnetic Materials	567				3.097	10.1016/j.jmmm.2022.170330
1491	Vinodhini V., Chintagumpala K.	Superparamagnetic hyperthermia and cytotoxicity properties of bimagnetic core-shell nanoparticles synthesized by solvothermal reflux method	Journal of Magnetism and Magnetic Materials	565				3.097	10.1016/j.jmmm.2022.170290
1492	Rajasabai S.P., Koppolu U.M.K.	Meta-magnetism and exchange interaction in binary alloy Fe ₂ Ge	Journal of Magnetism and Magnetic Materials	565				3.097	10.1016/j.jmmm.2022.170230
1493	Rajkumar D., Subramanyam Reddy A., Satya Narayana P.V., Jagadeshkumar K., Chamkha A.J.	Pulsating magnetohydrodynamic flow of Fe ₃ O ₄ -blood based micropolar nanofluid between two vertical porous walls with Cattaneo-Christov heat flux and entropy generation	Journal of Magnetism and Magnetic Materials	571				3.097	10.1016/j.jmmm.2023.170564

1494	Nithiyandam S., Prince S.E.	Caesalpinia bonducella Counteracts Paracetamol- Instigated Hepatic Toxicity via Modulating TNF- α and IL-6/10 Expression and Bcl-2 and Caspase-8/3 Signalling	Applied Biochemistry and Biotechnology					3.094	10.1007/s12010-023- 04392-2
1495	Poleboyina P.K., Alagumuthu M., Pasha A., Ravinder D., Pasumarthi D., Pawar S.C.	Entrectinib a Plausible Inhibitor for Osteopontin (SPP1) in Cervical Cancer—Integrated Bioinformatic Approach	Applied Biochemistry and Biotechnology					3.094	10.1007/s12010-023- 04541-7
1496	Lakshmi Thara R., Aruna Priya P., Nayak C.	Numerical study of temperature and pressure effect on one dimensional random photonic crystal used as biosensors in the detection of breast cancer cells	Physica Scripta	98	2			3.081	10.1088/1402- 4896/acad43
1497	Dwivedy P., Dixit V., Kumar A.	Cooperative VLC system using OOK modulation with imperfect CSI	Physica Scripta	98	2			3.081	10.1088/1402- 4896/acb095
1498	Kameshwari A.V.S., Balakrishnan S.	Interplay of noise, memory and entangling operator in quantum Stackelberg- Bertrand duopoly game	Physica Scripta	98	5			3.081	10.1088/1402- 4896/acc98e
1499	Kumar N., Suthar B., Nayak C., Bhargava A.	Analysis of a gas sensor based on one-dimensional photonic crystal structure with a designed defect cavity	Physica Scripta	98	6			3.081	10.1088/1402- 4896/accfca

1500	Pradhan B., Gowrisankar A., Abdikian A., Banerjee S., Saha A.	Propagation of ion-acoustic wave and its fractal representations in spin polarized electron plasma	Physica Scripta	98	6			3.081	10.1088/1402- 4896/acd3bf
1501	kumari S., Singh K., Khan T., Ariffin M.M., Mohan S.K., Baleanu D., Ahmadian A.	A Novel Approach for Continuous Authentication of Mobile Users Using Reduce Feature Elimination (RFE): A Machine Learning Approach	Mobile Networks and Applications					3.077	10.1007/s11036-023- 02103-z
1502	Sahoo J.P., Sahoo S.P., Ari S., Patra S.K.	DeReFNet: Dual-stream Dense Residual Fusion Network for static hand gesture recognition	Displays	77				3.074	10.1016/j.displa.202 3.102388
1503	Venkatakrisnan G.R., Rengaraj R., Tamilselvi S., Harshini J., Sahoo A., Saleel C.A., Abbas M., Cuce E., Jazlyn C., Shaik S., Cuce P.M., Riffat S.	Detection, location, and diagnosis of different faults in large solar PV system—a review	International Journal of Low- Carbon Technologies	18	1	659	674	3.071	10.1093/ijlct/ctad01 8
1504	Tirupati Rao V., Raja Sekhar Y.	Exergo-Economic and CO2 Emission Analysis of Bi- Symmetrical Web Flow Photovoltaic-Thermal System under Diurnal Conditions	Journal of Energy Resources Technology, Transactions of the ASME	145	3			3.070	10.1115/1.4055225
1505	Jagan M., Vijayachamundeeswar i S.P.	A comprehensive investigation of Lithium-based polymer electrolytes	Journal of Polymer Research	30	6			3.061	10.1007/s10965-023- 03623-8

1506	Mane S.S., Joshi G.M., Shirsat M.D., Kaleemulla S.	Development of soft polymer blend for copper ion detection by electrochemical route	Journal of Applied Polymer Science					3.057	10.1002/app.53691
1507	Thiyagu C., NarendraKumar U.	Flammability and vibrational study of graphene incorporated epoxy/ramie/glass hybrid nanocomposite	Journal of Applied Polymer Science					3.057	10.1002/app.53774
1508	Raja B., Vidya R.	Application of seaweed extracts to mitigate biotic and abiotic stresses in plants	Physiology and Molecular Biology of Plants	29	5	641	661	3.023	10.1007/s12298-023-01313-9
1509	Kenoth R., Sreekumar A.K., Sukanya A., Prabu A.A., Kamlekar R.K.	Interaction of sugar stabilised silver nanoparticles with Momordica charantia seed lectin, a type II ribosome inactivating protein	Glycoconjugate Journal					3.009	10.1007/s10719-023-10107-w
1510	Durga N., Malik M.	Non-instantaneous impulsive stochastic FitzHugh–Nagumo equation with fractional Brownian motion	Mathematical Methods in the Applied Sciences					3.007	10.1002/mma.9076
1511	Kavitha Williams W., Vijayakumar V.	New discussion on the existence and controllability of fractional evolution inclusion of order $1 < r < 2$ without compactness	Mathematical Methods in the Applied Sciences					3.007	10.1002/mma.9243

1512	Pathak V.K., Mishra L.N., Mishra V.N.	On the solvability of a class of nonlinear functional integral equations involving Erdélyi–Kober fractional operator	Mathematical Methods in the Applied Sciences					3.007	10.1002/mma.9322
1513	Jothimani K., Valliammal N., Vijayakumar V.	An exploration of controllability on Hilfer fractional system via integral contractor	Mathematical Methods in the Applied Sciences					3.007	10.1002/mma.9443
1514	Patange A., Mahesan K.V., Manjula C., Donald C., Babu S., Peroumal V., Arumugam M.	Advancements in optical steganography for secure medical data transmission in telehealth systems	Optical and Quantum Electronics	55	9			3	10.1007/s11082-023-05080-5
1515	Dhanushkodi K., Sethuraman R., Mariappan P., Govindarajan A.	An efficient cat hunting optimization-biased ReLU neural network for healthcare monitoring system	Wireless Networks					3	10.1007/s11276-023-03373-x
1516	Salaimanimagudam M.P., Jayaprakash J.	Effect of printing parameters on inter-filament voids, bonding, and geometrical deviation in concrete 3D printed structures	Materials Letters	349				3	10.1016/j.matlet.2023.134815
1517	Kumar R., Mahapatra M.M., Pradhan A.K., Giri A., Pandey C.	Experimental and numerical study on the distribution of temperature field and residual stress in a multi-pass welded tube joint of Inconel 617 alloy	International Journal of Pressure Vessels and Piping	206				3	10.1016/j.ijpvp.2023.105034

1518	Sandeep R., Murali Nagarajan B., Prem Kumar M., Jose B., Manoharan M., Natarajan A.	Influence of welding environment on joint characteristics of friction stir lap welded AA7475-PPS polymer hybrid joints	Materials Letters	349				3	10.1016/j.matlet.2023.134781
1519	Hu S., Sen S.K., Ahmed M.A., Srinivas A., Singh B., Babu D.V.	Orthogonal frequency multiplexing division based modulation recognition using deep belief network with tangent search optimization in wireless optic communication	Optical and Quantum Electronics	55	9			3	10.1007/s11082-023-05095-y
1520	Tayade P., Vijaya Kumar P.	Quantum based flexible secure authentication protocol (SAP) for device to device (D2D) communication	Optical and Quantum Electronics	55	9			3	10.1007/s11082-023-05018-x
1521	Logeshwaran A., Kabadi Srinivas C., Venkatesh V., Nayak S.	Silk fibroin infilled 3D printed polymer-ceramic scaffold to enhance cell adhesion and cell viability	Materials Letters	347				3	10.1016/j.matlet.2023.134607
1522	Deepa P., Aarthi R., Kalainathan S., Ramachandra Raja C.	Synthesis, structural, spectral and optical analysis of a novel semi-organic nonlinear optical crystal: Bis (4-methylbenzylammonium) hydrogen phosphate monohydrate	Optical and Quantum Electronics	55	9			3	10.1007/s11082-023-05065-4

1523	Geerthana S., Sridarshini T., Balaji V.R., Sitharthan R., Madurakavi K., Thirumurugan A., Dhanabalan S.S.	Ultra compact 2D- PhC based sharp bend splitters for terahertz applications	Optical and Quantum Electronics	55	9			3	10.1007/s11082-023- 04956-w
1524	Satheeshkumar P., Selwynraj A.I.	Optimal thermophysical characteristics and uptaking capacity of activated carbon- based composite adsorbent for enhancing the performance of an adsorption cooling system	Materials Letters	351				3	10.1016/j.matlet.20 23.135016
1525	Shanthi B., Saravanan K., Ravichandran C., Venkatachalapathy B., Sathiyarayanan K., Karthikeyan N.S., Suresh R.	Ag ₂ CrO ₄ nanostructures: Characterization and catalytic properties	Materials Letters	351				3	10.1016/j.matlet.20 23.135010
1526	Babu P., Solomon D.G., Ram Prabhu T.	Influence of Lanthanum oxide on AZ31 magnesium composite properties	Materials Letters	351				3	10.1016/j.matlet.20 23.135014
1527	Priyadharshini C., Selvendran S., Sivanantha Raja A., Itapu S., Sollapur R.	A highly birefringent and compact nonlinear photonic crystal fiber for next- generation optical fiber applications: design and investigation	Optical and Quantum Electronics	55	10			3	10.1007/s11082-023- 05051-w

1528	Rajasoundaran S., Kumar S.V.N.S., Selvi M., Thangaramya K., Arputharaj K.	Secure and optimized intrusion detection scheme using LSTM-MAC principles for underwater wireless sensor networks	Wireless Networks					3	10.1007/s11276-023- 03470-x
1529	Jayashree S., Santhosh Kumar S.V.N.	LAPEP—Lightweight Authentication Protocol with Enhanced Privacy for effective secured communication in vehicular ad-hoc network	Wireless Networks					3	10.1007/s11276-023- 03459-6
1530	Sankarashwaran S.P., Jayaraman G., Muthukumar P., Krishnan A.S.	Optimizing rice plant disease detection with crossover boosted artificial hummingbird algorithm based AX-RetinaNet	Environmental Monitoring and Assessment	195	9			3	10.1007/s10661-023- 11612-z
1531	Hemanandhini S., Vignesh Rajkumar L.	Performance evaluation of CMIP6 climate models for selecting a suitable GCM for future precipitation at different places of Tamil Nadu	Environmental Monitoring and Assessment	195	8			3	10.1007/s10661-023- 11454-9
1532	Rajendiran A., S P.	Assessing the efficacy of river bank filtration around a check dam in a non-perennial river for rural water supply in southern India	Environmental Monitoring and Assessment	195	7			3	10.1007/s10661-023- 11485-2
1533	Veluprabakaran V., Kavitha M.	Evaluation of heavy metals in ground and surface water in Ranipet, India utilizing HPI model	Environmental Monitoring and Assessment	195	7			3	10.1007/s10661-023- 11452-x

1534	Arockiaraj M., Paul D., Clement J., Tigga S., Jacob K., Balasubramanian K.	Novel molecular hybrid geometric-harmonic-Zagreb degree based descriptors and their efficacy in QSPR studies of polycyclic aromatic hydrocarbons	SAR and QSAR in Environmental Research	34	7	569	589	3	10.1080/1062936X.2023.2239149
1535	Ramasubbu K., Rajeswari V.D.	Green Synthesising ZnO Nanoparticle Using Sesbania grandiflora and Their Evaluation of Anti-diabetic Anti-advanced Glycation End Products and Cytotoxic Effects	Applied Biochemistry and Biotechnology					3	10.1007/s12010-023-04631-6
1536	Harinathan B., Jebaseelan D., Yoganandan N., Vedantam A.	Effect of Cervical Stenosis and Rate of Impact on Risk of Spinal Cord Injury During Whiplash Injury	Spine	48	17	1208	1215	3	10.1097/BRS.0000000000004759
1537	Mishra R.A.K., Muthukaliannan G.K., Rathinasabapathi P.	Effects of Flavonoids and Antibiotics Combination on Preformed Biofilms and Small RNA of Staphylococcus aureus	Indian Journal of Microbiology					3	10.1007/s12088-023-01086-5
1538	Sunder S., Gupta A., Kataria R., Ruhall R.	Potential of Rhodosporidium toruloides for Fatty Acids Production Using Lignocellulose Biomass	Applied Biochemistry and Biotechnology					3	10.1007/s12010-023-04681-w
1539	Neelan A.A.G., Chandran R.J., Diaz M.A., Bürger R.	An efficient three-level weighted essentially non-oscillatory scheme for hyperbolic equations	Computational and Applied Mathematics	42	2			2.998	10.1007/s40314-023-02214-z

1540	Ravisankar N.K., Rajasabai S.P.	Large magnetocaloric effect in DO3-type Fe ₃ Al alloys	Physica B: Condensed Matter	651				2.988	10.1016/j.physb.202 2.414585
1541	Mahesh P., Panigrahy D., Nayak C.	A comprehensive study of tunable properties of broadband terahertz absorber based on graphene- embedded random photonic crystals	Physica B: Condensed Matter	650				2.988	10.1016/j.physb.202 2.414581
1542	Pauline G S., S K.	Properties of Ti doped ZnO nanoparticles under solid state reaction method involving vacuum annealing	Physica B: Condensed Matter	649				2.988	10.1016/j.physb.202 2.414409
1543	Joshi H., Ruban Kumar A.	Divalent cation substitution impact on the properties of strontium aluminium hexaferrite (SrAl ₂ Fe ₁₀ O ₁₉)	Physica B: Condensed Matter	664				2.988	10.1016/j.physb.202 3.415018
1544	Thabrez M., Parimalarenganayaki S.	Assessment of Hydrogeochemical Characteristics and Seawater Intrusion in Coastal Parts of Mangaluru City, Karnataka, India	Water, Air, and Soil Pollution	234	4			2.984	10.1007/s11270-023- 06246-3
1545	Ghosh R., Karmakar A., Saha P.	Investigation of gate- engineered heterostructure tunnel field effect transistor as a label-free biosensor: a compact study	Applied Physics A: Materials Science and Processing	129	2			2.983	10.1007/s00339-023- 06393-8

1546	Bakthavatchalam Y.D., Basu S., Shankar A., Ramaiah S., Anbarasu A., Veeraraghavan B.	Genomics and structural insight into the masking of gentamicin-resistance in clinical Burkholderia pseudomallei strain VB29710 from India	Diagnostic Microbiology and Infectious Disease	105	3			2.983	10.1016/j.diagmicro bio.2022.115878
1547	Srikanth A., Bolleddu V.	High velocity oxy-fuel (HVOF) sprayed coating nanoarchitectonics: influence of reduced graphene oxide (rGO) on tribological characteristics	Applied Physics A: Materials Science and Processing	129	5			2.983	10.1007/s00339-023- 06607-z
1548	Praveen Kumar V., Vinoth Jebaraj A.	Microscale investigations on additively manufactured Inconel 718: influence of volumetric energy density on microstructure, texture evolution, defects control and residual stress	Applied Physics A: Materials Science and Processing	129	5			2.983	10.1007/s00339-023- 06642-w
1549	Ramalingam P.S., Balakrishnan P., Rajendran S., Jothi A., Ramalingam R., Arumugam S.	Identification of Dietary Bioflavonoids as Potential Inhibitors against KRAS G12D Mutant—Novel Insights from Computer-Aided Drug Discovery	Current Issues in Molecular Biology	45	3	2136	2156	2.976	10.3390/cimb45030 137
1550	Mujthaba Aatif A., Ashok Kumar S.K.	Phenanthroline-benzothiazole conjugate an “On-Off” fluorescent sensor for Hg(II) and its bioimaging applications	Polyhedron	232				2.975	10.1016/j.poly.2022. 116276

1551	Mistry P.A., Konar M.N., Latha S., Chadha U., Bhardwaj P., Eticha T.K.	Chitosan Superabsorbent Biopolymers in Sanitary and Hygiene Applications	International Journal of Polymer Science	2023					2.973	10.1155/2023/4717905
1552	Mukherjee S., Perveen S., Negi A., Sharma R.	Evolution of tuberculosis diagnostics: From molecular strategies to nanodiagnostics	Tuberculosis	140					2.973	10.1016/j.tube.2023.102340
1553	Manikandan S., Raman R., Rajalakshmi R., Tamilselvi S., Surya R.J.	Deep learning-based detection of diabetic macular edema using optical coherence tomography and fundus images: A meta-analysis	Indian journal of ophthalmology	71	5	1783	1796	2.969	10.4103/IJO.IJO_2614_22	
1554	Shanbagh S., Matalia J., Kannan R., Shetty R., Panmand P., Muthu S.O., Chaurasia S.S., Deshpande V., Bhattacharya S.S., Gopalakrishnan A.V., Ghosh A.	Distinct gene expression profiles underlie morphological and etiological differences in pediatric cataracts	Indian journal of ophthalmology	71	5	2143	2151	2.969	10.4103/IJO.IJO_3269_22	
1555	Chadha A., Sudhagar P.E., Gunasegeran M., Veerappa V.S.	Vibration Analysis of Composite Laminated and Sandwich Conical Shell Structures: Numerical and Experimental Investigation	International Journal of Structural Stability and Dynamics					2.957	10.1142/S0219455423501201	

1556	Raja B., Thaiparambil N.A., Kariyanna B., Radhakrishnan V., Raja S.	Antiviral activity of <i>Turbinaria ornata</i> against white spot syndrome virus in freshwater crab (<i>Paratelphusa hydrodromous</i>)	Aquaculture International					2.953	10.1007/s10499-023-01075-x
1557	Bakthavachalam D., Arumugam S.	Identification and characterization of bioactive peptides from marine crustacean crabs: a possible drug candidate for Alzheimer's disease	Aquaculture International					2.953	10.1007/s10499-023-01083-x
1558	Mondal H., Chandrasekaran N., Mukherjee A., Thomas J.	Antibacterial activity of <i>Bacillus licheniformis</i> isolated from marine sediments and its effect in treating <i>Aeromonas hydrophila</i> infection in freshwater prawn, <i>Macrobrachium rosenbergii</i>	Aquaculture International					2.953	10.1007/s10499-023-01121-8
1559	Banerjee R., Das R., Vm A., S A.D., R S.	Effect of algal metabolites in the inhibition of angiogenic channels for breast tumour	Aquaculture International					2.953	10.1007/s10499-023-01110-x
1560	Rajasekaran J., Viswanathan P.	Anti-bacterial and antibiofilm properties of seaweed polysaccharide-based nanoparticles	Aquaculture International					2.953	10.1007/s10499-023-01111-w
1561	Elangovan S., Arumugam S.	Purification, characterization, and biological activities of melanin pigment isolated from Indian squid <i>Uroteuthis duvaucelii</i>	Aquaculture International					2.953	10.1007/s10499-023-01158-9

1562	Bharathi P., kumar T.S.	Mechanical Characteristics and Wear Behaviour of Al/SiC and Al/SiC/B4C Hybrid Metal Matrix Composites Fabricated Through Powder Metallurgy Route	Silicon						2.941	10.1007/s12633-023-02347-0
1563	Govind V., Praveen K.K., Vignesh R.V., Vishnu A., Vishnu J., Manivasagam G., Shankar K.V.	Fretting Wear Behavior of Al-Si-Mg-Ni Hypoeutectic Alloy with Varying Solutionizing Time	Silicon						2.941	10.1007/s12633-023-02342-5
1564	Sahoo G.S., Harini C., Mahadevi N., Nethra P.S., Tripathy A., Verma M., Mishra G.P.	CuO Film as a Recombination Blocking Layer: a Unique Approach for the Efficiency Improvement of Si Solar Cells	Silicon						2.941	10.1007/s12633-023-02331-8
1565	Kumar P.S.S.R., Mashinini P.M., Sudhagar P.E., Natarajan A.	Vibration Behavior of AA5083 – Aluminosilicate sub- μ Composite at Different Temperature Condition	Silicon						2.941	10.1007/s12633-023-02310-z
1566	Gurusamy A., Thiyagarajan M., Srinivasan M., Ramasamy P.	Numerical Investigation on Modified Bottom Heater of DS Furnace to Improve mc-Si Ingot	Silicon						2.941	10.1007/s12633-022-02259-5
1567	Kumar P., Esakki P., Agarwal L., PeddaKrishna, Kale S., Bhowmick B.	Recent Progress on Sensitivity Analysis of Schottky Field Effect transistor Based Biosensors	Silicon	15	1	25	35		2.941	10.1007/s12633-022-01994-z

1568	Venkatraman S.K., Krishnamurithy G., Choudhary R., Senatov F., Raghavendran H.R.B., Murali M.R., Kamarul T., Suresh A., Abraham J., Samuel S., Livingston A., Swamiappan S.	Characterization of Sol–Gel Combustion Derived Akermanite and Merwinite for its Antibacterial Activity and Osteogenic Differentiation of Mesenchymal Stem Cells	Silicon					2.941	10.1007/s12633-023- 02362-1
1569	Nallabala N.K.R., C Y., Vohra A., Dhamodaran A., Kaleemulla S., Jaswanth A., Chandra Mohan K., Sambasivam S., Netheti V.S.B., Reddy V.R.M., Kim W.K.	Evaluation of Photosensing Parameters of Au/polystyrene/n-Si Heterojunction Based Self- Powered Organic Broadband Photodetectors	Silicon					2.941	10.1007/s12633-023- 02458-8
1570	Bharathi P., Sampath Kumar T.	Effect of Silicon Carbide and Boron Carbide on Mechanical and Tribological Properties of Aluminium 7075 Composites for Automobile Applications	Silicon					2.941	10.1007/s12633-023- 02498-0
1571	Kumari N.A., Prithvi P.	A Comprehensive Analysis of Nanosheet FET and its CMOS Circuit Applications at Elevated Temperatures	Silicon					2.941	10.1007/s12633-023- 02496-2

1572	Srikanya D., Shafi N., Sahu C.	Design and Performance Projection of Virtually Doped Dual Gate Junctionless IMOS	Silicon					2.941	10.1007/s12633-023-02364-z
1573	Sheraf J., Solomon D.G.	Effect of SiC on the Properties of 4-Layered Functionally Graded Aluminium MMC	Silicon					2.941	10.1007/s12633-023-02550-z
1574	Sivasankar S., Udhayakumar R., Subramanian V., AlNemer G., Elshenhab A.M.	Optimal Control Problems for Hilfer Fractional Neutral Stochastic Evolution Hemivariational Inequalities	Symmetry	15	1			2.940	10.3390/sym15010018
1575	Rayer C.J., Jeyaraj R.S.	Applications on Topological Indices of Zero-Divisor Graph Associated with Commutative Rings	Symmetry	15	2			2.940	10.3390/sym15020335
1576	Lisha N.M., Vijayakumar A.G.	Analytical Investigation of the Heat Transfer Effects of Non-Newtonian Hybrid Nanofluid in MHD Flow Past an Upright Plate Using the Caputo Fractional Order Derivative	Symmetry	15	2			2.940	10.3390/sym15020399
1577	Jayanthi S., Niranjan H.	Effects of Joule Heating, Viscous Dissipation, and Activation Energy on Nanofluid Flow Induced by MHD on a Vertical Surface	Symmetry	15	2			2.940	10.3390/sym15020314
1578	Thomas Abraham J.V., Muralidhar A., Sathyarajasekaran K., Ilakiyaselvan N.	A Deep-Learning Approach for Identifying and Classifying Digestive Diseases	Symmetry	15	2			2.940	10.3390/sym15020379

1579	Yellamma, Narayanappa M., Udhayakumar R., Almarri B., Ramakrishna S., Elshenhab A.M.	The Impact of Heat Source and Temperature Gradient on Brinkman–Bènard Triple-Diffusive Magneto-Marangoni Convection in a Two-Layer System	Symmetry	15	3			2.94	10.3390/sym15030644
1580	Augustine T., Santiago R.	On Neighborhood Degree-Based Topological Analysis over Melamine-Based TriCF Structure	Symmetry	15	3			2.94	10.3390/sym15030635
1581	Vijaya K., Murugusundaramoorthy G.	Bi-Starlike Function of Complex Order Involving Mathieu-Type Series Associated with Telephone Numbers	Symmetry	15	3			2.94	10.3390/sym15030638
1582	Gruszecki L., Lecko A., Murugusundaramoorthy G., Sivasubramanian S.	On a Class of Analytic Functions Related to Robertson’s Formula Involving Crescent Shaped Domain and Lemniscate of Bernoulli	Symmetry	15	4			2.94	10.3390/sym15040875
1583	Dhatchinamoorthy V., Devarasan E.	An Analysis of Global and Adaptive Thresholding for Biometric Images Based on Neutrosophic Overset and Underset Approaches	Symmetry	15	5			2.94	10.3390/sym15051102
1584	Puthanpurakkal A., Ramachandran S.	Study on Structural Properties of Brain Networks Based on Independent Set Indices	Symmetry	15	5			2.94	10.3390/sym15051032
1585	Kanimozhi M., Sudhakar M.S.	A local-global shape characterization scheme using quadratic Bezier triangle aiding retrieval	Digital Signal Processing: A Review Journal	133				2.920	10.1016/j.dsp.2022.103893

1586	Ravoor J., Selvam R.E., Karuppan D., Puthillam U.	Development of robocasted MWCNTS-calcium silicate 3D structures for bone regeneration applications with retention of MWCNTS using vacuum sintering technique	Journal of Materials Research					2.909	10.1557/s43578-023-00968-0
1587	Narayanan R., Panigrahi M., Tae-Yub K.	Electrochemical behavior of anodic nano-structured titania synthesized from stirred and unstirred electrolytes	Journal of Materials Research	38	12	3160	3171	2.909	10.1557/s43578-023-01040-7
1588	Govindarajan D., Sivagami K., Nambi I.M., Ravikumar B.N., Kumar M., Chakraborty S., Reddy R.	Thermo-Chemical conversion of polyolefin-based facemask using bench-scale pyrolysis system	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	45	1	542	556	2.902	10.1080/15567036.2023.2172099
1589	Alexander Stonier A., Harish R., Srinivasan M., Sarathkumar D.	An extensive critique on fault-tolerant systems and diagnostic techniques intended for solar photovoltaic power generation	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	45	1	1856	1873	2.902	10.1080/15567036.2023.2183282
1590	Deepak B., Mohamed Ibrahim M.	Microemulsion fuel formulation from used cooking oil with carbinol as the dispersion phase	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	45	2	4107	4126	2.902	10.1080/15567036.2023.2202624

1591	Maheswari G.U., Ganesh N.S., Srinivas T., Reddy B.V.	Exergoenvironmental evaluation of kalina power generation system	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	45	1	3170	3188	2.902	10.1080/15567036.2 023.2193160
1592	Rajaram K., Raman M., Dhanapal K., Muthusamy S., Ramamoorthi P., Govindasamy M., Mishra O.P.	Nucleate pool boiling thermal management systems of hydrazine reduced graphene oxide (H-rGO) nanofluids with rough surface	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	45	3	6994	7007	2.902	10.1080/15567036.2 023.2217110
1593	Arjun Singh K., Muthuvairavan G., Natarajan S.K.	Numerical investigation of modified conical cavity receiver with different heat transfer fluids	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	45	3	6964	6980	2.902	10.1080/15567036.2 023.2218833
1594	Nayagam V.L.G., Suriyapriya K., Jagadeeswari M.	A Novel Similarity Measure Based on Accuracy Score of Conventional Type of Trapezoidal-Valued Intuitionistic Fuzzy Sets and Its Applications in Multi- criteria Decision-Making Problems	International Journal of Computational Intelligence Systems	16	1			2.9	10.1007/s44196-023- 00274-x
1595	Varun Bose C.S., Udhayakumar R.	Approximate controllability of Ψ -Caputo fractional differential equation	Mathematical Methods in the Applied Sciences					2.9	10.1002/mma.9523

1596	Fakraoui O., Hammami H., Naveen J., Jawaid M., Kallel A.	Evolution of dielectric properties of Kevlar/epoxy laminated composites after hybridization by naturally woven <i>Coco Nucifera</i> sheaths	Journal of Composite Materials					2.9	10.1177/00219983231181943
1597	Ujjwal, Kumar R.	Optical Frequency Comb Generator Employing Two Cascaded Frequency Modulators and Mach-Zehnder Modulator	Electronics (Switzerland)	12	13			2.9	10.3390/electronics12132762
1598	Ashok R., Sundaram M., Jaffino G., Jose J.P.	Weighted Moth-Flame Optimization Algorithm for Edible Oil Quality Detection Using Microwave Technologies	Food Analytical Methods					2.9	10.1007/s12161-023-02517-1
1599	Nithyoosha T., Christopher P.R.	A survey on motion estimation and de-hazing algorithms and architectures	Digital Signal Processing: A Review Journal	140				2.9	10.1016/j.dsp.2023.104130
1600	Rex M C., Anand S., Rai P.K., Mukherjee A.	Engineered Nanoparticles (ENPs) in the Aquatic Environment: an Overview of Their Fate and Transformations	Water, Air, and Soil Pollution	234	7			2.9	10.1007/s11270-023-06488-1
1601	Nimje R.R., Mahajan A.	Analytical estimation of lifetime of quasi-bound states in iii-v semiconductors quantum well	Physica Scripta	98	9			2.9	10.1088/1402-4896/acea03
1602	Verma M., Routray S.R., Sahoo G.S., Mishra G.P.	GaAs _{0.95} P _{0.05} single junction solar cell with InP QW in p-i-n region for sub-bandgap photon absorption	Physica Scripta	98	7			2.9	10.1088/1402-4896/acdcc4

1603	Sivasankar S., Udhayakumar R., Muthukumaran V.	Hilfer fractional neutral stochastic integro-differential evolution hemivariational inequalities and optimal controls	Mathematical Methods in the Applied Sciences					2.9	10.1002/mma.9625
1604	Mohan Raja M., Vijayakumar V., Veluvolu K.C.	An analysis concerning to the existence of mild solution for Hilfer fractional neutral evolution system on infinite interval	Mathematical Methods in the Applied Sciences					2.9	10.1002/mma.9626
1605	Jimmy J.L., Karn R., Kumari S., Sruthilaxmi C.B., Pooja S., Emerson I.A., Babu S.	Rice WRKY13 TF protein binds to motifs in the promoter region to regulate downstream disease resistance-related genes	Functional and Integrative Genomics	23	3			2.9	10.1007/s10142-023-01167-0
1606	Kumar V.S., Jaganathan M., Viswanathan A., Umamaheswari M., Vignesh J.	Rice leaf disease detection based on bidirectional feature attention pyramid network with YOLO v5 model	Environmental Research Communications	5	6			2.9	10.1088/2515-7620/acdece
1607	Govada G.V., Rajasekhara Reddy S.	Synthesis and in Silico Study of Novel Benzisoxazole-Chromene Derivatives as Potent Inhibitors of Acetylcholinesterase: Metal-Free Site-Selective C–N Bond Formation via Aza-Michael Reaction	Chemistry and Biodiversity					2.9	10.1002/cbdv.202300573

1608	Sharma P., Dabi M., Sahoo B.B.	Exploring the potential of ternary fuel blends for enhanced engine efficiency and reduced emissions: application of multi-objective optimization	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	45	3	8749	8768	2.9	10.1080/15567036.2023.2231394
1609	Basha S.K., Behura A.K.	Investigation of thermal performance of a parabolic trough solar collector using different heat transfer fluids	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	45	3	7198	7221	2.9	10.1080/15567036.2023.2219643
1610	Gayathri G.A., Kavya P., Ashwini D., Chakraborty E., Ahmed I.A., Mahalingam G.	Vitexin isolated from <i>Acanthus ilicifolius</i> L. leaf enhances GLUT-4 translocation in experimental diabetic rats	Aquaculture International					2.9	10.1007/s10499-023-01235-z
1611	Karthik T., Jayasri M.A.	Exploration of biostimulant property of seaweed liquid extract (SLE) on the growth development and yield of <i>Solanum lycopersicum</i> (Tomato)	Aquaculture International					2.9	10.1007/s10499-023-01252-y
1612	Mahitha O., Golla V.K.A.	A Comparison Study of Caputo and Atangana–Baleanu Fractional Approaches for Radiation and Magnetic Field Impact on CNT-H ₂ O Casson Nanofluid Across a Vertical Plate	Arabian Journal for Science and Engineering					2.9	10.1007/s13369-023-08112-0

1613	Chakibanda V., Komanapalli V.L.N.	Optimization in Magnetic Coupler Design for Inductively Coupled Wireless Charging of Electric Vehicle: A Review	Arabian Journal for Science and Engineering					2.9	10.1007/s13369-023-08119-7
1614	Achu Govind K.R., Mahapatra S., Mahapatro S.R.	Nonlinear Constraint Optimization Based Robust Decentralized PID Controller for a Benchmark CSTR System Using Kharitonov–Hurwitz Stability Analysis	Arabian Journal for Science and Engineering					2.9	10.1007/s13369-023-08076-1
1615	Velmurugan A., Kodiveri Muthukaliannan G.	Homologous and heterologous expression of phytoene synthase gene in marine microalgae Dunaliella salina and its potential as aquaculture feed	Aquaculture International					2.9	10.1007/s10499-023-01195-4
1616	Verma G., Kumar B., Kumar C., Ray A., Khandelwal M.	Application of KRR, K-NN and GPR Algorithms for Predicting the Soaked CBR of Fine-Grained Plastic Soils	Arabian Journal for Science and Engineering					2.9	10.1007/s13369-023-07962-y
1617	Priya V., Raja S.	Nanomaterials-based treatment against white spot syndrome virus of penaeid shrimp	Aquaculture International					2.9	10.1007/s10499-023-01255-9
1618	Alzahrani A., Wangikar S.M., Indragandhi V., Singh R.R., Subramaniaswamy V.	Design and Implementation of SAE J1939 and Modbus Communication Protocols for Electric Vehicle	Machines	11	2			2.899	10.3390/machines11020201

1619	Muturatnam A.B., Sridharan N.V., Sreelatha A.P., Vaithiyathan S.	Enhanced Tyre Pressure Monitoring System for Nitrogen Filled Tyres Using Deep Learning	Machines	11	4			2.899	10.3390/machines11 040434
1620	Govindankutty S., Gopalan S.P.	SEDIS—A Rumor Propagation Model for Social Networks by Incorporating the Human Nature of Selection	Systems	11	1			2.895	10.3390/systems110 10012
1621	Venkatesan V.K., Ramakrishna M.T., Batyuk A., Barna A., Havrysh B.	High-Performance Artificial Intelligence Recommendation of Quality Research Papers Using Effective Collaborative Approach	Systems	11	2			2.895	10.3390/systems110 20081
1622	Henge S.K., Maheswari G.U., Ramalingam R., Alshamrani S.S., Rashid M., Murugan J.	Dependable and Non- Dependable Multi- Authentication Access Constraints to Regulate Third- Party Libraries and Plug-Ins across Platforms	Systems	11	5			2.895	10.3390/systems110 50262
1623	Jain P., Sudandiradoss C.	Andrographolide-based potential anti-inflammatory transcription inhibitors against nuclear factor NF- kappa-B p50 subunit (NF-κB p50): an integrated molecular and quantum mechanical approach	3 Biotech	13	1			2.893	10.1007/s13205-022- 03431-9

1624	Sasikumar S., Yuvraj S., Veilumuthu P., Godwin Christopher J.S., Anandkumar P., Nagarajan T., Sureshkumar S., Selvam G.S.	Ascorbic acid attenuates cadmium-induced myocardial hypertrophy and cardiomyocyte injury through Nrf2 signaling pathways comparable to resveratrol	3 Biotech	13	3			2.893	10.1007/s13205-023-03527-w
1625	Nithyanandam S., Evan Prince S.	Caesalpinia bonducella mitigates oxidative damage by paracetamol intoxication in the kidney and intestine via modulating pro/anti-inflammatory and apoptotic signaling: an In vivo mechanistic insight	3 Biotech	13	6			2.893	10.1007/s13205-023-03601-3
1626	Chandrasekhar G., Pengyong H., Pravallika G., Hailei L., Caixia X., Rajasekaran R.	Defensin-based therapeutic peptide design in attenuating V30M TTR-induced Familial Amyloid Polyneuropathy	3 Biotech	13	7			2.893	10.1007/s13205-023-03646-4
1627	Agathiyan A., Fataf N.A.A., Gowrisankar A.	Explicit relation between Fourier transform and fractal dimension of fractal interpolation functions	European Physical Journal: Special Topics					2.891	10.1140/epjs/s11734-023-00779-8
1628	Singh Junias J., Clement J.	Weighted bond-additive descriptors of titanium oxide nanosheet	European Physical Journal: Special Topics					2.891	10.1140/epjs/s11734-023-00807-7
1629	Jha A., Gowrisankar A., He S., Anand H., Saha A.	Fractal representation of tsunami waves: a generalized geophysical gardner equation	European Physical Journal: Special Topics					2.891	10.1140/epjs/s11734-023-00861-1

1630	Ashok G., Das R., Anbarasu A., Ramaiah S.	Comprehensive analysis on the diagnostic role of circulatory exosome-based miR-92a-3p for osteoblastic metastases in prostate adenocarcinoma	Journal of Molecular Recognition					2.891	10.1002/jmr.3042
1631	Nancy A., Balakrishnan S.	Concatenated deleting machines and their characteristics	Communications in Theoretical Physics	75	3			2.877	10.1088/1572-9494/acb3b4
1632	Chowdary G.J., G S., M P., Yogarajah P.	Nucleus segmentation and classification using residual SE-UNet and feature concatenation approach incervical cytopathology cell images	Technology in Cancer Research and Treatment	22				2.876	10.1177/15330338221134833
1633	Vellingiri B., Venkatesan D., Iyer M., Mohan G., Krishnan P., Sai Krishna K., R S., Narayanasamy A., Gopalakrishnan A.V., Kumar N.S., Subramaniam M.D.	Concurrent Assessment of Oxidative Stress and MT-ATP6 Gene Profiling to Facilitate Diagnosis of Autism Spectrum Disorder (ASD) in Tamil Nadu Population	Journal of Molecular Neuroscience					2.866	10.1007/s12031-023-02111-4
1634	Patel R.B., Bajpai A.K., Thirumurugan K.	Differential Expression of MicroRNAs and Predicted Drug Target in Amyotrophic Lateral Sclerosis	Journal of Molecular Neuroscience					2.866	10.1007/s12031-023-02124-z
1635	Illakiya T., Karthik R.	Automatic Detection of Alzheimer's Disease using Deep Learning Models and Neuro-Imaging: Current Trends and Future Perspectives	Neuroinformatics					2.864	10.1007/s12021-023-09625-7

1636	Chatterjee P., Karn R., Emerson I.A., Banerjee S.	Docking and Molecular Dynamics Simulation Revealed the Potential Inhibitory Activity of Amygdalin in Triple-Negative Breast Cancer Therapeutics Targeting the BRCT Domain of BARD1 Receptor	Molecular Biotechnology					2.860	10.1007/s12033-023-00680-8
1637	Sharma N., Vuppu S.	Computational Modelling and Molecular Docking of Industrial Leather Enzymes	Molecular Biotechnology					2.86	10.1007/s12033-023-00689-z
1638	Pal S., Bhattacharya M., Lee S.-S., Chakraborty C.	Quantum Computing in the Next-Generation Computational Biology Landscape: From Protein Folding to Molecular Dynamics	Molecular Biotechnology					2.86	10.1007/s12033-023-00765-4
1639	Valarmathi N., Sabareeswari K., Sumathi S.	Copper–strontium hydroxyapatite/chitosan/poly vinyl alcohol/gelatin electrospun composite and its biological studies for orthopedic applications	Polymer Bulletin					2.843	10.1007/s00289-023-04761-1
1640	Muthukumar J., Kandukuri V.A., Chidambaram R.	A critical review on various treatment, conversion, and disposal approaches of commonly used polystyrene	Polymer Bulletin					2.843	10.1007/s00289-023-04851-0
1641	Kumar A.	SEAT-YOLO: A squeeze-excite and spatial attentive you only look once architecture for shadow detection	Optik	273				2.840	10.1016/j.ijleo.2023.170513

1642	Maheasan K.V., Wongchai A., Tamizhselvan C., Kumar S.M., Vijayakumar P., Singh B.	Automation industry in cyber physical systems based on 4G IoT networks for operation controlling and monitoring management	Optik	272				2.840	10.1016/j.ijleo.2022. 170308
1643	Subramani S., Selvi M.	Multi-objective PSO based feature selection for intrusion detection in IoT based wireless sensor networks	Optik	273				2.840	10.1016/j.ijleo.2022. 170419
1644	Tamilarasi K., Shinzeer C.K., Wongchai A., Azhagumurugan R., Yesubabu M., Singh B., Arumugam M.	OFDM and MIMO wireless communication performance measurement using enhanced selective mapping based partial transmit sequences	Optik	272				2.840	10.1016/j.ijleo.2022. 170293
1645	Kareemulla S., Kumar V.	Diversity performance of band notched ultra-wideband MIMO antenna	Optik	272				2.840	10.1016/j.ijleo.2022. 170128
1646	Vishwakarma S., Goswami R.S., Dutta S., Sakthivel V., Prakash P., Vijayakumar P., Thangavelu L.	Cloud data storage with improved resource scheduling in healthcare application based on security system	Optik	272				2.840	10.1016/j.ijleo.2022. 170225
1647	Srikanth A., Bolleddu V.	Influence of Reduced Graphene Oxide (rGO) on Plasma Sprayed Nanostructured Coatings	Journal of Thermal Spray Technology					2.839	10.1007/s11666-023- 01556-8
1648	Nithiyanandam V., Sampath V.	Approach-Based Analysis on Wireless Power Transmission for Bio-Implantable Devices	Applied Sciences (Switzerland)	13	1			2.838	10.3390/app130104 15

1649	Nallakaruppan M.K., Johri I., Somayaji S., Bhatia S., Malibari A.A., Alabdali A.M.	Secured MCDM Model for Crowdsource Business Intelligence	Applied Sciences (Switzerland)	13	3			2.838	10.3390/app130315 11
1650	Arikumar K.S., Prathiba S.B., Basheer S., Moorthy R.S., Dumka A., Rashid M.	V2X-Based Highly Reliable Warning System for Emergency Vehicles	Applied Sciences (Switzerland)	13	3			2.838	10.3390/app130319 50
1651	Priyadarshini J., Premalatha M., Čep R., Jayasudha M., Kalita K.	Analyzing Physics-Inspired Metaheuristic Algorithms in Feature Selection with K- Nearest-Neighbor	Applied Sciences (Switzerland)	13	2			2.838	10.3390/app130209 06
1652	Mukadam S.B., Patil H.Y.	Skin Cancer Classification Framework Using Enhanced Super Resolution Generative Adversarial Network and Custom Convolutional Neural Network	Applied Sciences (Switzerland)	13	2			2.838	10.3390/app130212 10
1653	Lavanya K., Mahendran A., Selvanambi R., Mazzara M., Hemanth J.D.	Tunicate Swarm Algorithm with Deep Learning Based Land Use and Cover Change Detection in Nallamalla Forest India	Applied Sciences (Switzerland)	13	2			2.838	10.3390/app130211 73
1654	Vellaichamy J., Basheer S., Bai P.S.M., Khan M., Kumar Mathivanan S., Jayagopal P., Babu J.C.	Wireless Sensor Networks Based on Multi-Criteria Clustering and Optimal Bio- Inspired Algorithm for Energy- Efficient Routing	Applied Sciences (Switzerland)	13	5			2.838	10.3390/app130528 01

1655	Ganesh N., Shankar R., Čep R., Chakraborty S., Kalita K.	Efficient Feature Selection Using Weighted Superposition Attraction Optimization Algorithm	Applied Sciences (Switzerland)	13	5			2.838	10.3390/app130532 23
1656	Inayathullaah M.A., Sivakumar N., Balasundaram A., Arul R., Angalaeswari S.	Time Domain Investigation of Hybrid Intelligent Controllers Fed Five-Phase PMBLDC Motor Drive	Applied Sciences (Switzerland)	13	5			2.838	10.3390/app130532 81
1657	Suravarapu V.K., Patil H.Y.	Person Identification and Gender Classification Based on Vision Transformers for Periocular Images	Applied Sciences (Switzerland)	13	5			2.838	10.3390/app130531 16
1658	Reka S.S., Murthy Voona V.D., Sai Nithish P.V., Paavan Kumar D.S., Venugopal P., Ravi V.	Performance Analysis of Deep Convolutional Network Architectures for Classification of Over-Volume Vehicles	Applied Sciences (Switzerland)	13	4			2.838	10.3390/app130425 49
1659	Venkatesan V.K., Ramakrishna M.T., Izonin I., Tkachenko R., Havryliuk M.	Efficient Data Preprocessing with Ensemble Machine Learning Technique for the Early Detection of Chronic Kidney Disease	Applied Sciences (Switzerland)	13	5			2.838	10.3390/app130528 85
1660	Manna T., Anitha A.	Deep Ensemble-Based Approach Using Randomized Low-Rank Approximation for Sustainable Groundwater Level Prediction	Applied Sciences (Switzerland)	13	5			2.838	10.3390/app130532 10

1661	Osei R.S., Lopez D.	Experience Replay Optimisation via ATSC and TSC for Performance Stability in Deep RL	Applied Sciences (Switzerland)	13	4			2.838	10.3390/app13042034
1662	Mariappan L.T., Pandian J.A., Kumar V.D., Geman O., Chiuchisan I., Năstase C.	A Forecasting Approach to Cryptocurrency Price Index Using Reinforcement Learning	Applied Sciences (Switzerland)	13	4			2.838	10.3390/app13042692
1663	Chandrashekar C., Krishnadoss P., Kedalu Poornachary V., Ananthakrishnan B., Rangasamy K.	HWACOA Scheduler: Hybrid Weighted Ant Colony Optimization Algorithm for Task Scheduling in Cloud Computing	Applied Sciences (Switzerland)	13	6			2.838	10.3390/app13063433
1664	Thaseen Ikram S., Mohanraj V., Ramachandran S., Balakrishnan A.	An Intelligent Waste Management Application Using IoT and a Genetic Algorithm–Fuzzy Inference System	Applied Sciences (Switzerland)	13	6			2.838	10.3390/app13063943
1665	Kumar K., Pradeepa M., Mahdal M., Verma S., RajaRao M.V.L.N., Ramesh J.V.N.	A Deep Learning Approach for Kidney Disease Recognition and Prediction through Image Processing	Applied Sciences (Switzerland)	13	6			2.838	10.3390/app13063621
1666	Hegde P., Maddikunta P.K.R.	Secure PBFT Consensus-Based Lightweight Blockchain for Healthcare Application	Applied Sciences (Switzerland)	13	6			2.838	10.3390/app13063757

1667	Jadhav H.K., Kumaravelu V.B.	Deep Learning-Assisted Transmit Antenna Classifiers for Fully Generalized Spatial Modulation: Online Efficiency Replaces Offline Complexity	Applied Sciences (Switzerland)	13	8			2.838	10.3390/app130851 34
1668	Kaczmarek- Szczepańska B., Zasada L., Michalska- Sionkowska M., Vishnu J., Manivasagam G.	The Modification of Titanium Surface by Decomposition of Tannic Acid Coating	Applied Sciences (Switzerland)	13	8			2.838	10.3390/app130852 04
1669	Suguna N., Revathi S.	A Compact Super-Wideband High Bandwidth Dimension Ratio Octagon-Structured Monopole Antenna for Future- Generation Wireless Applications	Applied Sciences (Switzerland)	13	8			2.838	10.3390/app130850 57
1670	Gnanarathinam V.S., Balakrishnan A., Rajendran G., Arivarasu A., Dharmalingam S., Thalaivarisai Balasundaram S., Narayanaswamy Venkatesan P., Ulaganatha Perumal E.P.	Reduction of hexavalent chromium using sulphonated polyether ether ketone as proton exchange membrane in microbial fuel cells	Environmental Progress and Sustainable Energy					2.824	10.1002/ep.14158

1671	Jakhar S., Paliwal M.K., Kumar M.	Machine learning predictive models for optimal design of photovoltaic/thermal collector with nanofluids based geothermal cooling	Environmental Progress and Sustainable Energy					2.824	10.1002/ep.14131
1672	Mishra A., Kulshrestha S., Patel F.M., Tiwari N., Sharma A.	Effect of piston bowl geometry and spray angle on engine performance and emissions in HCCI engine using multi-stage injection strategy	Environmental Progress and Sustainable Energy					2.824	10.1002/ep.14203
1673	Karuppannan K., Jayagopal V.	Normalized hellinger feature selection and soft margin boosting classification for water quality prediction	Expert Systems					2.812	10.1111/exsy.13221
1674	Md A.Q., Narayanan S.M.S.S., Sabireen H., Sivaraman A.K., Tee K.F.	A novel approach to detect fraud in Ethereum transactions using stacking	Expert Systems					2.812	10.1111/exsy.13255
1675	Samal S., Zhang Y.-D., Gadekallu T.R., Nayak R., Balabantaray B.K.	SBMYv3: Improved MobYOLOv3 a BAM attention-based approach for obscene image and video detection	Expert Systems					2.812	10.1111/exsy.13230
1676	Yenduri G., Gadekallu T.R.	A review on soft computing approaches for predicting maintainability of software: State-of-the-art, technical challenges, and future directions	Expert Systems					2.812	10.1111/exsy.13250

1677	Sarkar S., Agrawal S., Chowdhuri A., Ramani S.	Progressive search personalization and privacy protection using federated learning	Expert Systems					2.812	10.1111/exsy.13318
1678	Brahmam M.G., Vijay Anand R.	MBRSDTC: Design of a multimodal bioinspired model to improve resource scheduling efficiency with differential task-level constraints	Expert Systems					2.812	10.1111/exsy.13302
1679	Tejasree S., Chandra Mohan B.	An improved differential bond energy algorithm with fuzzy merging method to improve the document clustering for information mining	Expert Systems					2.812	10.1111/exsy.13261
1680	Samal S., Zhang Y.-D., Gadekallu T.R., Balabantaray B.K.	ASYv3: Attention-enabled pooling embedded Swin transformer-based YOLOv3 for obscenity detection	Expert Systems					2.812	10.1111/exsy.13337
1681	Manohar B., Das R.	Artificial neural networks for prediction of COVID-19 in India by using backpropagation	Expert Systems	40	5			2.812	10.1111/exsy.13105
1682	Baviskar V., Verma M., Chatterjee P., Singal G., Gadekallu T.R.	Optimization using Internet of Agent based Stacked Sparse Autoencoder Model for Heart Disease Prediction	Expert Systems					2.812	10.1111/exsy.13359

1683	Balasundaram A., Srinivasan S., Prasad A., Malik J., Kumar A.	Hippocampus Segmentation-Based Alzheimer's Disease Diagnosis and Classification of MRI Images	Arabian Journal for Science and Engineering					2.807	10.1007/s13369-022-07538-2
1684	Anilkumar P., Venugopal P.	An Enhanced Multi-Objective-Derived Adaptive DeepLabv3 Using G-RDA for Semantic Segmentation of Aerial Images	Arabian Journal for Science and Engineering					2.807	10.1007/s13369-023-07717-9
1685	Mohana S., Sumathi S.	Agaricus Bisporus Mediated Synthesis of Cobalt Ferrite, Copper Ferrite and Zinc Ferrite Nanoparticles for Hyperthermia Treatment and Drug Delivery	Journal of Cluster Science					2.8	10.1007/s10876-023-02471-2
1686	Kumaran V., Muralidharan B.	Analysis of adhesion strength and residual stresses developed by the EDC process	Surface Engineering					2.8	10.1080/02670844.2023.2233256
1687	Srikanth A., Bolleddu V.	Characteristics of reduced graphene oxide (rGO) mixed HVOF-sprayed nanostructured coatings	Surface Engineering					2.8	10.1080/02670844.2023.2232967
1688	Karimi J., Kollo L., Prashanth K.G.	Characterization of Gas-Atomized Equiatomic AlCoCrFeNi Powder for Additive Manufacturing	Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science					2.8	10.1007/s11661-023-07129-2

1689	Dilli Rani A., Nageshwari M., Rathika Thaya Kumari C., Ramesh P., Sangeetha P., Vinitha G., Lydia Caroline M., Kumaresan S.	Crystal growth, optical, luminescence, SHG and THG exploration of an inorganic noncentrosymmetric alkaline borate crystal: $K_2B_4O_5(OH)_4 \cdot 3 \cdot 6H_2O(KBOH)$ for photonic and optical limiting applications	Journal of Materials Science: Materials in Electronics	34	19			2.8	10.1007/s10854-023- 10872-2
1690	Vijayakumar K., Palani P., Thiyagarajan M., Kotteswaran S., Vetrivel S., Saleem H., Vinitha G., Purushothaman P.	Enhancing the optical properties of sodium 4- nitrophenolate dehydrate single crystals: role of second and third harmonic generation efficiencies	Journal of Materials Science: Materials in Electronics	34	19			2.8	10.1007/s10854-023- 10876-y
1691	Gunasekhar R., Prabu A.A.	Fabrication of 1st generation aromatic hyperbranched polyester/ polyvinylidene fluoride blended electrospun composites to enrich the piezoelectric performance	Journal of Polymer Research	30	7			2.8	10.1007/s10965-023- 03675-w
1692	Nandhini G., Kavita S., Pazhanivel T., Shobana M.K.	Photocatalytic degradation of methylene blue on strontium- doped cobalt ferrite	Journal of Materials Science: Materials in Electronics	34	18			2.8	10.1007/s10854-023- 10866-0
1693	Tharini C., Iyappan G., Manikandan E., Sephra P.J.	Potentiometric sensing of potassium ion (K ⁺) using valinomycin supported on ZnO/rGO nanocomposites	Journal of Materials Science: Materials in Electronics	34	19			2.8	10.1007/s10854-023- 10806-y

1694	Chandrasekar S.A., Palaniyandi T., Parthasarathy U., Surendran H., Viswanathan S., Wahab M.R.A., Baskar G., Natarajan S., Ranjan K.	Implications of Toll-like receptors (TLRs) and their signaling mechanisms in human cancers	Pathology Research and Practice	248				2.8	10.1016/j.prp.2023.154673
1695	Panjacharam P., Rajasekhara Reddy S.	Sustainable Synthesis of N–N Bond Bearing Organic Frameworks by Advanced Heterogeneous Metal Catalysis	European Journal of Organic Chemistry					2.8	10.1002/ejoc.20230430
1696	Sumathi M., Raja S.P.	Machine learning algorithm-based spam detection in social networks	Social Network Analysis and Mining	13	1			2.8	10.1007/s13278-023-01108-6
1697	Singh A., Salameh H.B., Ayyash M., Elagla H.	A Novel VL-Based Positioning Model for Obstacle Location Sensing and 3-D Shape Detection in Crowded Indoor Networks	IEEE Sensors Letters	7	8			2.8	10.1109/LENS.2023.3300822
1698	Aravindhnan R., Ummal Momeen M., Hu J.	Halogenation effects on the bridgehead position of the adamantane molecule	Chemical Physics Letters	829				2.8	10.1016/j.cplett.2023.140746
1699	Kumar Pal S., Kumar S.	Indole-based LpxC (UDP-3-O-(R-3-hydroxyacyl)-N-acetylglucosamine deacetylase) inhibitors for Salmonella typhi: rational drug discovery through in silico screening	3 Biotech	13	8			2.8	10.1007/s13205-023-03699-5

1700	Choudhury B., Chanda K.	Recent Advancement in the Inhibition of Triple-negative Breast Cancer by N-heterocycles	Anti-Cancer Agents in Medicinal Chemistry	23	13	1484	1489	2.8	10.2174/1871520623666230330124044
1701	Vedantam A., Harinathan B., Warraich A., Budde M.D., Yoganandan N.	Differences in spinal cord biomechanics after laminectomy, laminoplasty, and laminectomy with fusion for degenerative cervical myelopathy	Journal of Neurosurgery: Spine	39	1	28	39	2.8	10.3171/2023.3.SPIN2340
1702	Shaji A., Jayasri M.A.	A review of the role of liposome-encapsulated phytochemicals targeting PPAR γ and associated pathways to combat obesity	3 Biotech	13	9			2.8	10.1007/s13205-023-03740-7
1703	Ramasubbu K., Ramanathan G., Venkatraman G., Rajeswari V.D.	Sleep-associated insulin resistance promotes neurodegeneration	Molecular Biology Reports					2.8	10.1007/s11033-023-08710-z
1704	Punetha S., Vuppu S.	The sustainable conversion of floral waste into natural snake repellent and docking studies for antiophidic activity	Toxicon	233				2.8	10.1016/j.toxicon.2023.107254
1705	Mahanty B., Behera S.K., Sahoo N.K.	Misinterpretation of Dubinin–Radushkevich isotherm and its implications on adsorption parameter estimates	Separation Science and Technology (Philadelphia)	58	7	1275	1282	2.799	10.1080/01496395.2023.2189050

1706	Mahesh P., Panigrahy D., Rashidi A., Nayak C.	A complete numerical analysis of the impact of disorder and defect cavities on achieving complete optical absorption in monolayer graphene with supporting random structures	Optical and Quantum Electronics	55	2			2.794	10.1007/s11082-022-04289-0
1707	Anbarasi K., Hemanth C., Sangeetha R.G.	Block error rate performance analysis of RS coded M-QAM modulated coherent OFDM-FSO system	Optical and Quantum Electronics	55	1			2.794	10.1007/s11082-022-04328-w
1708	Divya J., Selvendran S.	The impact of different background materials in a D-shaped photonic crystal fiber based plasmonic sensor: a comprehensive investigation	Optical and Quantum Electronics	55	6			2.794	10.1007/s11082-023-04695-y
1709	Sivakumar S.A., Naveen R., Ibrahim S.J.A., Chakravarthy N.S.K., Amancha S., Vinayagam J., Kiran P., Nakka N.R.	Two-ways chip to chip communications through 2-dimensional photonic structures via photonic integrated circuit	Optical and Quantum Electronics	55	7			2.794	10.1007/s11082-023-04941-3
1710	Kanagasundaram K., Solaiyan E.	Smart cement-sensor composite: The evolution of nanomaterial in developing sensor for structural integrity	Structural Concrete					2.793	10.1002/suco.202201145

1711	Vani P., Vinitha G., Manikandan N.	Structural, luminescence and nonlinear optical properties of erbium doped barium tellurite glasses for photonic applications	Journal of Materials Science: Materials in Electronics	34	1			2.779	10.1007/s10854-022-09480-3
1712	Joshi J.H., Kalainathan S., Kanchan D.K., Chaudhari K., Joshi M.J., Parikh K.D.	Crystal growth, structural, optical, photoluminescence, electrical and third-order nonlinear optical studies of pure and methylene blue dye-doped ammonium dihydrogen phosphate crystals	Journal of Materials Science: Materials in Electronics	34	1			2.779	10.1007/s10854-022-09447-4
1713	Zachariah E.S., Mathew R.M., Jose J., Vinitha G., Thomas V., Rejeena I.	Continuous wave laser-induced nonlinear optical properties of nanofluids based on graphene quantum dot	Journal of Materials Science: Materials in Electronics	34	5			2.779	10.1007/s10854-023-09930-6
1714	Rani A.D., Kumari C.R.T., Nageshwari M., Sangeetha P., Vinitha G., Caroline M.L., Kumaresan S.	Crystal growth and properties of pure L-alanine and boric acid doped L-alanine nonlinear optical single crystals for frequency conversion	Journal of Materials Science: Materials in Electronics	34	4			2.779	10.1007/s10854-022-09699-0
1715	Kumar B.S., Umamahesvari H., Thyagarajan K., Ankoji P., Vijayakanth V.	Structural and photoluminescence properties of Dy ³⁺ -doped KMgBO ₃ phosphors	Journal of Materials Science: Materials in Electronics	34	7			2.779	10.1007/s10854-023-09974-8

1716	John R.A.B., Kumar A.R.	Tailoring on p-type conductivity of nickel oxide nanostructures by palladium for the detection of 2-methoxy ethanol	Journal of Materials Science: Materials in Electronics	34	7			2.779	10.1007/s10854-023-10005-9
1717	Pramothkumar A., Senthilkumar N., Pitchaiya S., Eswaramoorthy N., Ramakrishnan V.M., Potheher I.V.	Perovskite solar cells: investigation of structural, optical and device performance analysis of Al-Sn co-doped ZnO electron transport layer	Journal of Materials Science: Materials in Electronics	34	7			2.779	10.1007/s10854-023-10000-0
1718	Reddy P.L., Pasha S.K.K.	Polyvinyl alcohol/poly(3,4-ethylenedioxythiophene): poly(styrenesulfonic acid)/copper (II) oxide nanocomposites as high performance dielectric materials for energy storage applications	Journal of Materials Science: Materials in Electronics	34	11			2.779	10.1007/s10854-023-10345-6
1719	Deepa P., Aarthi R., Kalainathan S., Ramachandra Raja C.	Synthesis, structural, spectral and third-order nonlinear optical analysis of solution-grown 4-methylbenzylammonium oxalate hydrate: a novel organic crystal for laser applications	Journal of Materials Science: Materials in Electronics	34	10			2.779	10.1007/s10854-023-10274-4
1720	Sashmitha K., Rani M.U.	Physical, mechanical, morphological and electrochemical performance of poly (propylene carbonate) based blend polymer electrolyte	Journal of Materials Science: Materials in Electronics	34	9			2.779	10.1007/s10854-023-10258-4

1721	Mary B.C.J., Vijaya J.J., Bououdina M., Kennedy L.J., Khezami L., Modwi A.	Adsorption ability of aqueous lead (II) by NiFe ₂ O ₄ and 2D-rGO decorated NiFe ₂ O ₄ nanocomposite	Journal of Materials Science: Materials in Electronics	34	9			2.779	10.1007/s10854-023-10237-9
1722	Krishnamoorthy B.R., Sivaperuman K., Sekar A., Kannan S.	Investigation on the growth, structural, absorption and emission, mechanical, thermal and nonlinear behaviour of the schiff base 2-methoxy-N-[4-(dimethyl amino) benzylidene] aniline (2MDA) single crystal	Journal of Materials Science: Materials in Electronics	34	9			2.779	10.1007/s10854-023-10156-9
1723	Meena J., Pavithra G., Anusha D., Kumar A.S., Santhakumar K.	The green approach of ZnO NPs and its Antioxidant, hemolytic, and photocatalytic activity and functionalized r-GO-ZnO for energy storage application	Journal of Materials Science: Materials in Electronics	34	14			2.779	10.1007/s10854-023-10373-2
1724	Mohanasundaram P., Saral A.M.	Phytochemical Screening, Antibacterial, Antifungal, Anti-Biofilm and Antioxidant Activity of Azadiracta Indica A. Juss. Flowers	Chemistry and Biodiversity	20	3			2.745	10.1002/cbdv.202201049
1725	Upadhyay R., Shukla M., Pandey R.K., Upadhyay C.	Effect of Mn doping on the electronic and optical properties of Dy ₂ Ti ₂ O ₇ : a combined spectroscopic and theoretical study	Journal of physics. Condensed matter : an Institute of Physics journal	35	33			2.745	10.1088/1361-648X/acd4a1

1726	Senthilnathan R., Ilangoan I., Kunale M., Easwaran N., Ramamoorthy S., Veeramuthu A., Kodiveri Muthukaliannan G.	An update on CRISPR-Cas12 as a versatile tool in genome editing	Molecular Biology Reports					2.742	10.1007/s11033-023- 08239-1
1727	Ganesh S.K., Subathra Devi C.	Molecular and therapeutic insights of rapamycin: a multi- faceted drug from Streptomyces hygroscopicus	Molecular Biology Reports					2.742	10.1007/s11033-023- 08283-x
1728	Srivastava H.M., Shaba T.G., Murugusundaramoort hy G., Wanas A.K., Oros G.I.	The Fekete-Szegö functional and the Hankel determinant for a certain class of analytic functions involving the Hohlov operator	AIMS Mathematics	8	1	340	360	2.739	10.3934/math.2023 016
1729	Vijayaraj V., Ravichandran C., Botmart T., Nisar K.S., Jothimani K.	Existence and data dependence results for neutral fractional order integro-differential equations	AIMS Mathematics	8	1	1055	1071	2.739	10.3934/math.2023 052
1730	Junaid Basha M., Nandhini S.	A fuzzy based solution to multiple objective LPP	AIMS Mathematics	8	4	7714	7730	2.739	10.3934/math.2023 387
1731	Kumar T.M., Shah N.A., Nagendramma V., Durgaprasad P., Sivakumar N., Rao B.M., Raju C.S.K., Yook S.-J.	Linear regression of triple diffusive and dual slip flow using Lie Group transformation with and without hydro-magnetic flow	AIMS Mathematics	8	3	5950	5979	2.739	10.3934/math.2023 300

1732	Preeti, Agarwal P., Treanță S., Nonlaopon K.	Penalty approach for KT- pseudoinvex multidimensional variational control problems	AIMS Mathematics	8	3	5687	5702	2.739	10.3934/math.2023 286
1733	Rajendiran R., Kandaiyan I.	Transient scrutiny of MX /G(a, b)/1 queueing system with feedback, balking and two phase of service subject to server failure under Bernoulli vacation	AIMS Mathematics	8	3	5391	5412	2.739	10.3934/math.2023 271
1734	Mani G., Gnanaprakasam A.J., Varadharajan V., Jarad F.	Solving an integral equation vian orthogonal neutrosophic rectangular metric space	AIMS Mathematics	8	2	3791	3825	2.739	10.3934/math.2023 189
1735	Kayalvizhi J., Vijaya Kumar A.G., Sene N., Akgül A., Inc M., Abu- Zinadah H., Abdel- Khalek S.	An exact solution of heat and mass transfer analysis on hydrodynamic magneto nanofluid over an infinite inclined plate using Caputo fractional derivative model	AIMS Mathematics	8	2	3542	3560	2.739	10.3934/math.2023 180
1736	Saritha K., Thilagavathi K.	Differential subordination, superordination results associated with Pascal distribution	AIMS Mathematics	8	4	7856	7864	2.739	10.3934/math.2023 395
1737	Santhiya S., Thilagavathi K.	Geometric properties of holomorphic functions involving generalized distribution with bell number	AIMS Mathematics	8	4	8018	8026	2.739	10.3934/math.2023 405
1738	Subramani N., Mardani A., Mohan P., Mishra A.R., Ezhumalai P.	A fuzzy logic and DEEC protocol-based clustering routing method for wireless sensor networks	AIMS Mathematics	8	4	8310	8331	2.739	10.3934/math.2023 419

1739	Raja M.M., Vijayakumar V., Shukla A., Nisar K.S., Albalawi W., Abdel-Aty A.-H.	A new discussion concerning to exact controllability for fractional mixed Volterra- Fredholm integrodifferential equations of order $r \in (1, 2)$ with impulses	AIMS Mathematics	8	5	10802	10821	2.739	10.3934/math.2023 548
1740	Rajagopal Reddy N., Sharief Basha S.	A cosine similarity measures between hesitancy fuzzy graphs and its application to decision making	AIMS Mathematics	8	5	11799	11821	2.739	10.3934/math.2023 597
1741	Saritha K., Thilagavathi K.	An application of Pascal distribution involving Kamali type related to leaf like domain	AIMS Mathematics	8	7	16511	16527	2.739	10.3934/math.2023 844
1742	Pazhaniraja N., Basheer S., Thirugnanasambanda m K., Ramalingam R., Rashid M., Kalaivani J.	Multi-objective Boolean grey wolf optimization based decomposition algorithm for high-frequency and high- utility itemset mining	AIMS Mathematics	8	8	18111	18140	2.739	10.3934/math.2023 920
1743	Paul S.K., Mishra L.N., Mishra V.N., Baleanu D.	An effective method for solving nonlinear integral equations involving the Riemann-Liouville fractional operator	AIMS Mathematics	8	8	17448	17469	2.739	10.3934/math.2023 891
1744	Akula N.K., Sharief Basha S.	Regression coefficient measure of intuitionistic fuzzy graphs with application to soil selection for the best paddy crop	AIMS Mathematics	8	8	17631	17649	2.739	10.3934/math.2023 900

1745	Ramakrishna M.T., Venkatesan V.K., Izonin I., Havryliuk M., Bhat C.R.	Homogeneous Adaboost Ensemble Machine Learning Algorithms with Reduced Entropy on Balanced Data	Entropy	25	2			2.738	10.3390/e25020245
1746	Saravanan B., Musthafa B., Asokan M.A.	A combined study of filterability and soaking strength of fuel filter and effect of injection timing on CI engine characteristics using Ceiba pentandra biodiesel	Biofuels					2.731	10.1080/17597269.2 023.2167270
1747	Venkatachalam N., Duraismy S.	ASPEN plus modelling of air- CO2 and air-steam-CO2 gasification of Parthenium hysterophorous for hydrogen and carbon monoxide rich syngas production	Biofuels					2.731	10.1080/17597269.2 023.2190571
1748	Babu M., Sivaraman M., Jeyaseelan T., MA A.	A comprehensive assessment of vehicular performance and emission characteristics during real-time test-runs using selected bio- ethanol-gasoline blends	Biofuels					2.731	10.1080/17597269.2 023.2221968
1749	Manickam P., Senthil R.	Numerical Demonstration of Photonic Quasi-Crystal Fiber-Surface Plasmonic Resonance Urinary Methanol Sensor	Plasmonics					2.726	10.1007/s11468-022- 01768-8

1750	Gupta D., Sharma D., Ringle R., Nicoloff C., Rahinov I., Heber O., Zajfman D.	Time-dependent dynamics of radio-frequency-bunched ions in an electrostatic ion beam trap	Physical Review E	107	4			2.707	10.1103/PhysRevE.107.045202
1751	Khurana Y., Soni P.K., Bhatt D.P.	SVM-based classification of multi-temporal Sentinel-2 imagery of dense urban land cover of Delhi-NCR region	Earth Science Informatics					2.705	10.1007/s12145-023-01008-5
1752	Phani Praveen S., Ali M.H., Jarwar M.A., Prakash C., Reddy C.R.K., Malliga L., Chandru Vignesh C.	6G assisted federated learning for continuous monitoring in wireless sensor network using game theory	Wireless Networks					2.701	10.1007/s11276-023-03249-0
1753	Jayakumar S., Nandakumar S.	Reinforcement learning based distributed resource allocation technique in device-to-device (D2D) communication	Wireless Networks					2.701	10.1007/s11276-023-03230-x
1754	Mallick B., Parida P., Nayak C., Sahoo P.K., Palai G.	Quantum key distribution over FSO channel using error reconciliation protocol	Wireless Networks					2.701	10.1007/s11276-023-03289-6
1755	Bhowmick A., Prasad B., Nallagonda S.	Throughput and harvesting time trade-off in a energy harvesting cognitive radio network	Wireless Networks					2.701	10.1007/s11276-023-03337-1
1756	Karthik G.M., Kalyana Kumar A.S., Karri A.B., Jagini N.P.	Deep intelligent blockchain technology for securing IoT-based healthcare multimedia data	Wireless Networks					2.701	10.1007/s11276-023-03333-5

1757	Anandh O.S., Mathew T.E., Pradeep K.V., Rajarajeswari S.	Novel STD-ACP for detecting energy and threshold value in the network	Wireless Networks					2.701	10.1007/s11276-023-03368-8
1758	Meenakshi N., Jaber M.M., Pradhan R., Kamruzzaman M.M., Maragatham T., Ramamoorthi J.S., Murugesan M.	Design systematic wireless inventory trackers with prolonged lifetime and low energy consumption in future 6G network	Wireless Networks					2.701	10.1007/s11276-023-03325-5
1759	Rao P.V.V., Anand M., Daniel J.A., Sivaparthipan C.B., Kirubakaran S.S., Gnanasigamani L.J., Punitha P.	Millimeter assisted wave technologies in 6G assisted wireless communication systems: a new paradigm for 6G collaborative learning	Wireless Networks					2.701	10.1007/s11276-023-03324-6
1760	Markkandeyan S., Gupta S., Narayanan G.V., Reddy M.J., Al-Khasawneh M.A., Ishrat M., Kiran A.	Deep learning based semantic segmentation approach for automatic detection of brain tumor	International Journal of Computers, Communications and Control	18	4			2.7	10.15837/ijccc.2023.4.5186
1761	Velmurugan P.G.S., Thiruvengadam S.J., Kumaravelu V.B., Rajendran S., Parameswaran R., Imoize A.L.	Performance Analysis of Full Duplex Bidirectional Machine Type Communication System Using IRS with Discrete Phase Shifter	Applied Sciences (Switzerland)	13	12			2.7	10.3390/app13127128
1762	Selva Kumar S., Kalaivani S., Siddique Ibrahim S.P., Swathi G.	Traffic and fragmentation aware algorithm for routing and spectrum assignment in Elastic Optical Network (EON)	Optical Fiber Technology	81				2.7	10.1016/j.yofte.2023.103480

1763	Kothandaraman D., Kandaiyan I.	Analysis of a Heterogeneous Queuing Model with Intermittently Obtainable Servers under a Hybrid Vacation Schedule	Symmetry	15	7			2.7	10.3390/sym150713 04
1764	Breaz D., Murugusundaramoort hy G., Vijaya K., Cotîrlă L.-I.	Certain Class of Bi-Univalent Functions Defined by Sălăgean q-Difference Operator Related with Involution Numbers	Symmetry	15	7			2.7	10.3390/sym150713 02
1765	Sowmiya C., Rushi Kumar B.	MHD Maxwell nanofluid flow over a stretching cylinder in porous media with microorganisms and activation energy	Journal of Magnetism and Magnetic Materials	582				2.7	10.1016/j.jmmm.202 3.171032
1766	Polimera S., Gali A., Rahaman A., Chandan M.R., Balakumaran S.J., Nath S.K.	Thermo-mechanical property enhancement of rigid polyurethane foam composite using low cost, environment friendly fly ash over silica particles	Journal of Vinyl and Additive Technology					2.7	10.1002/vnl.22036
1767	Deepak Pasuparth S., Joseph S., Somkuwar P., Ashok Kumar S.K., Maiti B.	Facile Synthesis of Bis- Coumarins Using [BCMIM][Cl] Zwitter Ionic Liquid and Their Binding with Bovine Serum Albumin	Asian Journal of Organic Chemistry					2.7	10.1002/ajoc.20230 0313
1768	Sujatha R., Mahalakshmi K., Chatterjee J.M.	Implementing deep-learning techniques for accurate fruit disease identification	Plant Pathology					2.7	10.1111/ppa.13783

1769	Somkuwar P., Bhaskar R., Ramasamy S.K., Shaji L.K., Bhat S.G., Jose J., Kalleshappa A.K.S.	A Porphyrin-based NIR Fluorescent Probe for Bi3+ and Potential Applications	Journal of Fluorescence					2.7	10.1007/s10895-023-03315-y
1770	Shankar N., Nallakaruppan M.K., Ravindranath V., Senthilkumar M., Bhagavath B.P.	Smart IoMT Framework for Supporting UAV Systems with AI	Electronics (Switzerland)	12	1			2.690	10.3390/electronics12010086
1771	Bhandari A., Tripathy B., Adate A., Saxena R., Gadekallu T.R.	From Beginning to BEGANing: Role of Adversarial Learning in Reshaping Generative Models	Electronics (Switzerland)	12	1			2.690	10.3390/electronics12010155
1772	Varshney A., Sharma V., Nayak C., Goyal A.K., Massoud Y.	A Low-Loss Impedance Transformer-Less Fish-Tail-Shaped MS-to-WG Transition for K-/Ka-/Q-/U-Band Applications	Electronics (Switzerland)	12	3			2.690	10.3390/electronics12030670
1773	Kavitha C., Saravanan M., Gadekallu T.R., Nimala K., Kavin B.P., Lai W.-C.	Filter-Based Ensemble Feature Selection and Deep Learning Model for Intrusion Detection in Cloud Computing	Electronics (Switzerland)	12	3			2.690	10.3390/electronics12030556
1774	Uppamma P., Bhattacharya S.	Diabetic Retinopathy Detection: A Blockchain and African Vulture Optimization Algorithm-Based Deep Learning Framework	Electronics (Switzerland)	12	3			2.690	10.3390/electronics12030742

1775	Namburu A., Selvaraj P., Mohan S., Ragavanantham S., Eldin E.T.	Forest Fire Identification in UAV Imagery Using X-MobileNet	Electronics (Switzerland)	12	3			2.690	10.3390/electronics 12030733
1776	Shrivastava S., Subudhi B., Sahu J.	Distributed Finite-Time Control of Islanded Microgrid for Ancillary Services Provision	Electronics (Switzerland)	12	3			2.690	10.3390/electronics 12030636
1777	Kandati D.R., Gadekallu T.R.	Federated Learning Approach for Early Detection of Chest Lesion Caused by COVID-19 Infection Using Particle Swarm Optimization	Electronics (Switzerland)	12	3			2.690	10.3390/electronics 12030710
1778	Thandapani S., Mahaboob M.I., Iwendi C., Selvaraj D., Dumka A., Rashid M., Mohan S.	IoMT with Deep CNN: AI-Based Intelligent Support System for Pandemic Diseases	Electronics (Switzerland)	12	2			2.690	10.3390/electronics 12020424
1779	Panchikkil S., Vegesana S.P., Manikandan V.M., Donta P.K., Maddikunta P.K.R., Gadekallu T.R.	An Ensemble Learning Approach for Reversible Data Hiding in Encrypted Images with Fibonacci Transform	Electronics (Switzerland)	12	2			2.690	10.3390/electronics 12020450
1780	Shanmugavel A.B., Ellappan V., Mahendran A., Subramanian M., Lakshmanan R., Mazzara M.	A Novel Ensemble Based Reduced Overfitting Model with Convolutional Neural Network for Traffic Sign Recognition System	Electronics (Switzerland)	12	4			2.690	10.3390/electronics 12040926

1781	Alphonse A.S., Abinaya S., Arikumar K.S.	A Novel Monogenic Sobel Directional Pattern (MSDP) and Enhanced Bat Algorithm- Based Optimization (BAO) with Pearson Mutation (PM) for Facial Emotion Recognition	Electronics (Switzerland)	12	4			2.690	10.3390/electronics 12040836
1782	Prasanth B., Paul R., Kaliyaperumal D., Kannan R., Venkata Pavan Kumar Y., Kalyan Chakravarthi M., Venkatesan N.	Maximizing Regenerative Braking Energy Harnessing in Electric Vehicles Using Machine Learning Techniques	Electronics (Switzerland)	12	5			2.690	10.3390/electronics 12051119
1783	Vethamuthu Edward Alaises R.S., Sathasivam S.	Novel BIST Solution to Test the TSV Interconnects in 3D Stacked IC's	Electronics (Switzerland)	12	4			2.690	10.3390/electronics 12040908
1784	Kanagavelu R., Dua K., Garai P., Thomas N., Elias S., Elias S., Wei Q., Yong L., Rick G.S.M.	FedUKD: Federated UNet Model with Knowledge Distillation for Land Use Classification from Satellite and Street Views	Electronics (Switzerland)	12	4			2.690	10.3390/electronics 12040896
1785	Bhangale K., Kothandaraman M.	Speech Emotion Recognition Based on Multiple Acoustic Features and Deep Convolutional Neural Network	Electronics (Switzerland)	12	4			2.690	10.3390/electronics 12040839
1786	Srinivasan S., Nagarnaidu Rajaperumal R., Mathivanan S.K., Jayagopal P., Krishnamoorthy S., Kardy S.	Detection and Grade Classification of Diabetic Retinopathy and Adult Vitelliform Macular Dystrophy Based on Ophthalmoscopy Images	Electronics (Switzerland)	12	4			2.690	10.3390/electronics 12040862

1787	Dixit S., Bohre K., Singh Y., Himeur Y., Mansoor W., Atalla S., Srinivasan K.	A Comprehensive Review on AI-Enabled Models for Parkinson's Disease Diagnosis	Electronics (Switzerland)	12	4			2.690	10.3390/electronics12040783
1788	Nallolla C.A., Vijayapriya P., Chittathuru D., Padmanaban S.	Multi-Objective Optimization Algorithms for a Hybrid AC/DC Microgrid Using RES: A Comprehensive Review	Electronics (Switzerland)	12	4			2.690	10.3390/electronics12041062
1789	Dhiman P., Kaur A., Iwendi C., Mohan S.K.	A Scientometric Analysis of Deep Learning Approaches for Detecting Fake News	Electronics (Switzerland)	12	4			2.690	10.3390/electronics12040948
1790	Javed A.R., Ahmed W., Pandya S., Maddikunta P.K.R., Alazab M., Gadekallu T.R.	A Survey of Explainable Artificial Intelligence for Smart Cities	Electronics (Switzerland)	12	4			2.690	10.3390/electronics12041020
1791	Sathish K., Hamdi M., Chinthaginjala R., Pau G., Ksibi A., Anbazhagan R., Abbas M., Usman M.	Reliable Data Transmission in Underwater Wireless Sensor Networks Using a Cluster-Based Routing Protocol Endorsed by Member Nodes	Electronics (Switzerland)	12	6			2.69	10.3390/electronics12061287
1792	Daniel G.V., Chandrasekaran K., Meenakshi V., Paneer P.	Robust Graph Neural-Network-Based Encoder for Node and Edge Deep Anomaly Detection on Attributed Networks †	Electronics (Switzerland)	12	6			2.69	10.3390/electronics12061501
1793	Ramakrishna M.T., Venkatesan V.K., Bhardwaj R., Bhatia S., Rahmani M.K.I., Lashari S.A., Alabdali A.M.	HCoF: Hybrid Collaborative Filtering Using Social and Semantic Suggestions for Friend Recommendation	Electronics (Switzerland)	12	6			2.69	10.3390/electronics12061365

1794	Chinnappan C.V., John William A.D., Nidamanuri S.K.C., Jayalakshmi S., Bogani R., Thanapal P., Syed S., Venkateswarlu B., Syed Masood J.A.I.	IoT-Enabled Chlorine Level Assessment and Prediction in Water Monitoring System Using Machine Learning	Electronics (Switzerland)	12	6			2.69	10.3390/electronics12061458
1795	Nyamathulla S., Chittathuru D., Muyeen S.M.	An Overview of Multilevel Inverters Lifetime Assessment for Grid-Connected Solar Photovoltaic Applications	Electronics (Switzerland)	12	8			2.69	10.3390/electronics12081944
1796	K K., J V.	A meta heuristic optimization algorithm (Lion-BES-XGB) for water quality prediction	Urban Water Journal					2.675	10.1080/1573062X.2023.2209558
1797	Krishnan N., Sivaperuman K.	A New Non-linear Stilbazolium Derivative Crystal of 4-[2-(3 Methoxy-phenyl)-vinyl]-1-methyl-pyridinium+ Iodide- (MMPI): Analysis of Its Structural, Surface, Optical and NLO Properties	Crystals	13	1			2.670	10.3390/cryst13010138
1798	Gurusamy M., Rao B.C.	A Comprehensive Review of Large-Strain-Extrusion Machining Process for Production of Fine-Grained Materials	Crystals	13	1			2.67	10.3390/cryst13010131

1799	Samuel C., MOGANRAJ A., Swaroop S., Praveenkumar K., Natarajan A., Nageshwara Rao M., Syed B., Bhattacharya B.	Effect of Laser Shock Peening without Coating on Grain Size and Residual Stress Distribution in a Microalloyed Steel Grade	Crystals	13	2			2.670	10.3390/cryst13020 212
1800	B S.P., Dhanaji T.U., Dassani S., Somasundaram M., Muthuchamy A., Raja Annamalai A.	Microstructural, Mechanical, and Corrosion Properties of AZXX Magnesium Alloy: A Review of Processing Methods	Crystals	13	2			2.670	10.3390/cryst13020 344
1801	Anil A., Sanjeev K.G., Kamarudheen N., Sebastian P.M., Rao K.V.B.	EPS-mediated biosynthesis of nanoparticles by Bacillus stratosphericus A07, their characterization and potential application in azo dye degradation	Archives of Microbiology	205	2			2.667	10.1007/s00203-023- 03415-0
1802	Kwatra N., Abraham J.	Biomineralization of pretilachlor by free and immobilized fungal strains isolated from paddy field	Archives of Microbiology	205	5			2.667	10.1007/s00203-023- 03538-4
1803	Bagewadi S.S., Bhagchandani R.K.	Effect of gradient structure on additively manufactured auxetic and hybrid auxetic structure for energy absorption applications	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications					2.663	10.1177/146442072 31155750

1804	Saju T., Velu M.	Analysis of fracture toughness and fatigue crack growth rates of electron beam-welded dissimilar nickel-based superalloys: Mode-I cracks oriented normal to the weld	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications					2.663	10.1177/14644207231153980
1805	Kanapaakala G., Venkatesan S.	A review on various phases and alloy design methods of β -Ti alloys for biomedical applications	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications					2.663	10.1177/14644207231152067
1806	Praveen Kumar D., Vinoth Jebaraj A.	Surface morphology and dimensional accuracy of additively manufactured Ti-6Al-4V alloy: Effect of variable scanning speed with constant laser power in widespread energy density	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications					2.663	10.1177/14644207231163277
1807	Chittibabu S.K., Chintagumpala K.	Evolution of 2D materials conducive to the wearable physical sensors for structural health assessment	Microelectronic Engineering	276				2.662	10.1016/j.mee.2023.112013
1808	Krishnamoorthy R., Kumar U.S., Swathi G., Begum M.A., Nancharaiah B., Sagar K.V.D.	Metamaterial Inspired Quad-Port Multi-Antenna System for Millimeter Wave 5G Applications	Journal of Infrared, Millimeter, and Terahertz Waves					2.647	10.1007/s10762-023-00921-6

1809	Sugumaran G., Amutha Prabha N.	A Comprehensive Review of Various Topologies and Control Techniques for DC-DC Converter-Based Lithium-Ion Battery Charge Equalization	International Transactions on Electrical Energy Systems	2023				2.639	10.1155/2023/3648488
1810	Bharathidasan M., Indragandhi V., Aljafari B.	Hybrid Controlled Multi-Input DC/DC Converter for Electric Vehicle Application	International Transactions on Electrical Energy Systems	2023				2.639	10.1155/2023/8308418
1811	Dhanamjayulu C., Girijaprasanna T.	Experimental Implementation of Cascaded H-Bridge Multilevel Inverter with an Improved Reliability for Solar PV Applications	International Transactions on Electrical Energy Systems	2023				2.639	10.1155/2023/8794874
1812	Subramanian V., Vairavasundaram I., Aljafari B.	Analysis of Optimal Load Management Using a Stand-Alone Hybrid AC/DC Microgrid System	International Transactions on Electrical Energy Systems	2023				2.639	10.1155/2023/7519436
1813	Lakshmi Prasad S., Gudipalli A.	Range-Anxiety Reduction Strategies for Extended-Range Electric Vehicle	International Transactions on Electrical Energy Systems	2023				2.639	10.1155/2023/7246414
1814	Reddy K.R., Basha C.H.H., Prashanth V., Dhanamjayulu C., Shivashimpiger S., Likhitha R.	A Novel on Energy Management Strategy with Maximum Exploitation of Renewables and EV Storage in Distribution Networks	International Transactions on Electrical Energy Systems	2023				2.639	10.1155/2023/1365608
1815	Anjaneya Vara Prasad P., Dhanamjayulu C.	An Overview on Multi-Level Inverter Topologies for Grid-Tied PV System	International Transactions on Electrical Energy Systems	2023				2.639	10.1155/2023/9690344

1816	D S., Reddy Degalhal M.	Investigation of the effects of frequency veering phenomenon in a pre-twisted and double-tapered rotating Timoshenko beam	JVC/Journal of Vibration and Control					2.633	10.1177/10775463231169810
1817	CV A., Misron N., Saadha A., Azhar F., Stonier A.A., Shunmugham Vanaja D.	System design, analysis, and experimental investigations of linear switched reluctance machines with double mover configuration	JVC/Journal of Vibration and Control					2.633	10.1177/10775463231172547
1818	Varghese R., Ramamoorthy S.	Status of food colorants in India: conflicts and prospects	Journal fur Verbraucherschutz und Lebensmittelsicherheit					2.628	10.1007/s00003-023-01427-y
1819	Painam R.K., Manikandan S.	BEMD based adaptive Lee filter for despeckling of SAR images	Advances in Space Research	71	8	3140	3149	2.611	10.1016/j.asr.2022.12.009
1820	Prasad P.K., Gowrisankar A., Banerjee S., Saha A.	Fractal representation of electron-acoustic waves in the Earth's auroral zone	Advances in Space Research					2.611	10.1016/j.asr.2023.02.009
1821	Singh Chauhan S., Murari B.M.	Spectroscopic and in silico studies of HPTS (Pyranine) with bilirubin for sol-gel based sensor applications	Journal of Sol-Gel Science and Technology					2.606	10.1007/s10971-023-06094-x
1822	Venkatesan V., Mayakrishnan M., Shukla S.K.	Effect of pile spacing in helical pile groups in soft clays under combined loading	Marine Georesources and Geotechnology					2.605	10.1080/1064119X.2023.2196962
1823	R S., M R., S V., E S.K., S Y., Kumar A., I J.R., K V.	A novel autonomous irrigation system for smart agriculture using AI and 6G enabled IoT network	Microprocessors and Microsystems	101				2.6	10.1016/j.micpro.2023.104905

1824	John F.A., Thomas P., Jacob G., Jose A.J.	Effective interactions and dielectric study of polymer nanocomposite thin films of polyvinylidene fluoride and graphene oxide	Composite Interfaces					2.6	10.1080/09276440.2023.2232979
1825	Vijayakumar V.E., Venkataraman K.	A Systematic Review of the Potential of Pichia pastoris (Komagataella phaffii) as an Alternative Host for Biologics Production	Molecular Biotechnology					2.6	10.1007/s12033-023-00803-1
1826	Mukherjee S., Dhar R., Jonnalagadda S., Gorai S., Nag S., Kar R., Mukerjee N., Mukherjee D., Vatsa R., Arikketh D., Krishnan A., Gundamaraju R., Jha S.K., Alexiou A., Papadakis M.	Exosomal miRNAs and breast cancer: a complex theranostics interlink with clinical significance	Biomarkers					2.6	10.1080/1354750X.2023.2229537
1827	Ramu S.K., Vairavasundaram I., Aljafari B., Kareri T.	Rotor Bar Fault Diagnosis in Indirect Field-Oriented Control-Fed Induction Motor Drive Using Hilbert Transform, Discrete Wavelet Transform, and Energy Eigenvalue Computation	Machines	11	7			2.6	10.3390/machines11070711

1828	Deshmukh P., Lahane S., Sumant H., Patange A.D., Gnanasekaran S.	Experimental Thermohydraulic Assessment of Novel Curved Ribs for Heat Exchanger Tubes: A Machine Learning Approach	Aerospace	10	7			2.6	10.3390/aerospace10070658
1829	Mohbey K.K., Meena G., Kumar S., Lokesh K.	A CNN-LSTM-Based Hybrid Deep Learning Approach for Sentiment Analysis on Monkeypox Tweets	New Generation Computing					2.6	10.1007/s00354-023-00227-0
1830	Kumaravelu V.B., Selvaprabhu P., Han D.S., Sarker M.A.L., Periyakarupan Gurusamy Sivabalan V., Sundarrajan Jayaraman T., Murugadass A., Evangeline C.S.	Blind reconfigurable intelligent surface-aided fixed non-orthogonal multiple access for intelligent vehicular networks	Eurasip Journal on Wireless Communications and Networking	2023	1			2.6	10.1186/s13638-023-02291-y
1831	Ramkumar A., Gandhi T.	Sustainable Ru(II)-Catalyzed ortho -C(sp ²)-H Hydroxyalkylation of Phthalazinones Using Ethyl Glyoxalate: Access to α,α' -Arylcarboxy sec -Alcohols	Synthesis (Germany)					2.6	10.1055/a-2114-5426
1832	Das S., Chanda K.	One-Pot Telescopic Approach to Synthesize Disubstituted Benz imidazoles in Deep Eutectic Solvent	Synthesis (Germany)					2.6	10.1055/a-2102-1192

1833	Talwar P., Singh P., Ravanan P.	Structure-Based Virtual Screening and Discovery of New Bi-functional DAPK1 Inhibitors	Molecular Biotechnology					2.6	10.1007/s12033-023- 00744-9
1834	Sunil Chowdary K., Napoleon A.A.	Utilizing Quality by Design to Develop and Evaluate Extended-Release Upadacitinib Tablets Incorporating a Biosynthesized Polymer	Journal of Pharmaceutical Innovation					2.6	10.1007/s12247-023- 09754-1
1835	Sivasankar S., Udhayakumar R., Hari Kishor M., Alhazmi S.E., Al-Omari S.	A New Result Concerning Nonlocal Controllability of Hilfer Fractional Stochastic Differential Equations via almost Sectorial Operators	Mathematics	11	1			2.592	10.3390/math11010 159
1836	Saraswathy M., Prakash D., Durgaprasad P.	MHD Micropolar Fluid in a Porous Channel Provoked by Viscous Dissipation and Non- Linear Thermal Radiation: An Analytical Approach	Mathematics	11	1			2.592	10.3390/math11010 183
1837	Punuri S.B., Kuanar S.K., Kolhar M., Mishra T.K., Alameen A., Mohapatra H., Mishra S.R.	Efficient Net-XGBoost: An Implementation for Facial Emotion Recognition Using Transfer Learning	Mathematics	11	3			2.592	10.3390/math11030 776
1838	Saladi S., Karuna Y., Koppu S., Reddy G.R., Mohan S., Mallik S., Qin H.	Segmentation and Analysis Emphasizing Neonatal MRI Brain Images Using Machine Learning Techniques	Mathematics	11	2			2.592	10.3390/math11020 285

1839	Mahalingam H., Veeramalai T., Menon A.R., Subashanthini S., Amirtharajan R.	Dual-Domain Image Encryption in Unsecure Medium—A Secure Communication Perspective	Mathematics	11	2			2.592	10.3390/math11020 457
1840	Dhakhinamoorthy C., Mani S.K., Mathivanan S.K., Mohan S., Jayagopal P., Mallik S., Qin H.	Hybrid Whale and Gray Wolf Deep Learning Optimization Algorithm for Prediction of Alzheimer's Disease	Mathematics	11	5			2.592	10.3390/math11051 136
1841	Rajeshwari S., Rajesh M.	On Optimal Embeddings in 3- Ary n-Cubes	Mathematics	11	7			2.592	10.3390/math11071 711
1842	Yeliyur Honnappa G., Narayanappa M., Udhayakumar R., Almarri B., Elshenhab A.M., Honnappa N.	Darcy–Brinkman Double Diffusive Convection in an Anisotropic Porous Layer with Gravity Fluctuation and Throughflow	Mathematics	11	6			2.592	10.3390/math11061 287
1843	Abinaya S., Indira K., Karthiga S., Rajasenbagam T.	Time Cluster Personalized Ranking Recommender System in Multi-Cloud	Mathematics	11	6			2.592	10.3390/math11061 300
1844	Ganesh N., Shankar R., Kalita K., Jangir P., Oliva D., Pérez- Cisneros M.	A Novel Decomposition-Based Multi-Objective Symbiotic Organism Search Optimization Algorithm	Mathematics	11	8			2.592	10.3390/math11081 898
1845	Huang H., Pal S., Bera A., Dey L.K.	On the Extended Version of Krasnosel'skiĭ's Theorem for Kannan-Type Equicontractive Mappings	Mathematics	11	8			2.592	10.3390/math11081 852
1846	Kiran A., Mathivanan P., Mahdal M., Sairam K., Chauhan D., Talasila V.	Enhancing Data Security in IoT Networks with Blockchain- Based Management and Adaptive Clustering Techniques	Mathematics	11	9			2.592	10.3390/math11092 073

1847	Satonkar N., Gopalan V.	Simulation of Electromagnetic Forming Process and Optimization of Geometric Parameters of Perforated Al Sheet Using RSM	Mathematics	11	9			2.592	10.3390/math11091983
1848	Wani S.A., Shaikh S., Alam P., Tamboli S., Zayed M., Dar J.G., Bhat M.Y.	An Algebraic Approach to the Δh -Frobenius–Genocchi–Appell Polynomials	Mathematics	11	9			2.592	10.3390/math11092029
1849	Shukla A., Das T.K., Roy S.S.	TRX Cryptocurrency Profit and Transaction Success Rate Prediction Using Whale Optimization-Based Ensemble Learning Framework	Mathematics	11	11			2.592	10.3390/math11112415
1850	Vijay J.S., Roy S., Beromeo B.C., Husin M.N., Augustine T., Gobithaasan R.U., Easuraja M.	Topological Properties and Entropy Calculations of Aluminophosphates	Mathematics	11	11			2.592	10.3390/math11112443
1851	Ahamed J F.A., Chinnaiyan P.	Studies on Finite Element Analysis in Hydroforming of Nimonic 90 Sheet	Mathematics	11	11			2.592	10.3390/math11112437
1852	Narayanan R.C., Ganesh N., Čep R., Jangir P., Chohan J.S., Kalita K.	A Novel Many-Objective Sine–Cosine Algorithm (MaOSCA) for Engineering Applications	Mathematics	11	10			2.592	10.3390/math11102301
1853	Chakraborti S., Karmakar A., Guha R., Ngan C., Kumar Das R., Whitaker N.	Induction of epithelial to mesenchymal transition in HPV16 E6/E7 oncogene transfected C33A cell line	Tissue and Cell	82				2.586	10.1016/j.tice.2023.102041

1854	Srinivasulu M., Shivamurthy G., Venkataramana B.	Quality of service aware energy efficient multipath routing protocol for internet of things using hybrid optimization algorithm	Multimedia Tools and Applications					2.577	10.1007/s11042-022- 14285-x
1855	A S., Roomi S.M.M., Nirmala P.	Visual significance model based temporal signature for video shot boundary detection	Multimedia Tools and Applications					2.577	10.1007/s11042-023- 14882-4
1856	Kumar S., Sagar V., Punetha D.	A comparative study on facial expression recognition using local binary patterns, convolutional neural network and frequency neural network	Multimedia Tools and Applications					2.577	10.1007/s11042-023- 14753-y
1857	Thirunavukkarasu V., Kumar A.S., Prakasam P., Suresh G.	Elliptic curve cryptography based key management and flexible authentication scheme for 5G wireless networks	Multimedia Tools and Applications					2.577	10.1007/s11042-023- 14539-2
1858	Tembhurne J.V., Hebbar N., Patil H.Y., Diwan T.	Skin cancer detection using ensemble of machine learning and deep learning techniques	Multimedia Tools and Applications					2.577	10.1007/s11042-023- 14697-3
1859	Alfred Daniel J., Chandru Vignesh C., Muthu B.A., Senthil Kumar R., Sivaparthipan C., Marin C.E.M.	Fully convolutional neural networks for LIDAR-camera fusion for pedestrian detection in autonomous vehicle	Multimedia Tools and Applications					2.577	10.1007/s11042-023- 14417-x

1860	Venkat Ragavan S., Tarun A.H., Yogeeshwar S., Vishwath Kumar B.S., Sofana Reka S.	A realtime portable and accessible aiding system for the blind – a cloud based approach	Multimedia Tools and Applications					2.577	10.1007/s11042-023-14419-9
1861	Ali M.H., Jaber M.M., Alfred Daniel J., Vignesh C.C., Meenakshisundaram I., Kumar B.S., Punitha P.	Autonomous vehicles decision-making enhancement using self-determination theory and mixed-precision neural networks	Multimedia Tools and Applications					2.577	10.1007/s11042-023-14375-4
1862	Srihari P., Santosh V., Ganapathy S.	An epileptic seizures diagnosis system using feature selection, fuzzy temporal naive Bayes and T-CNN	Multimedia Tools and Applications					2.577	10.1007/s11042-023-14928-7
1863	Aala Kalananda V.K.R., Komanapalli V.L.N.	A competitive learning-based Grey wolf Optimizer for engineering problems and its application to multi-layer perceptron training	Multimedia Tools and Applications					2.577	10.1007/s11042-023-15146-x
1864	Pardhu T., Kumar V.	Human motion classification using Impulse Radio Ultra Wide Band through-wall RADAR model	Multimedia Tools and Applications					2.577	10.1007/s11042-023-14496-w
1865	Dhawan K., Srinivasa Perumal R., Nadesh R.K.	Identification of traffic signs for advanced driving assistance systems in smart cities using deep learning	Multimedia Tools and Applications					2.577	10.1007/s11042-023-14823-1

1866	Usha G.P., Alex J.S.R.	Speech assessment tool methods for speech impaired children: a systematic literature review on the state-of-the-art in Speech impairment analysis	Multimedia Tools and Applications					2.577	10.1007/s11042-023-14913-0
1867	Agilandeewari L., Prabukumar M., Alenizi F.A.	A robust semi-fragile watermarking system using Pseudo-Zernike moments and dual tree complex wavelet transform for social media content authentication	Multimedia Tools and Applications					2.577	10.1007/s11042-023-15177-4
1868	Rejula M.A., Amutha S., Shilpa G.M.	Classification of acute lymphoblastic leukemia using improved ANFIS	Multimedia Tools and Applications					2.577	10.1007/s11042-023-15113-6
1869	Chakravarthy S.R.S., Bharanidharan N., Rajaguru H.	Processing of digital mammogram images using optimized ELM with deep transfer learning for breast cancer diagnosis	Multimedia Tools and Applications					2.577	10.1007/s11042-023-15265-5
1870	Daniel D.A.J., Meena M.J.	Deep learning-based hybrid sentiment analysis with feature selection using optimization algorithm	Multimedia Tools and Applications					2.577	10.1007/s11042-023-14767-6
1871	Jawahar M., Jani Anbarasi L., Jasmine S G., Daya J.L F., Ravi V., Chakrabarti P.	Trs-net tropical revolving storm disasters analysis and classification based on multispectral images using 2-d deep convolutional neural network	Multimedia Tools and Applications					2.577	10.1007/s11042-023-15450-6

1872	Shastri S., Thanikaiselvan V.	Interpolation based dual image reversible data hiding using trinary encoding	Multimedia Tools and Applications					2.577	10.1007/s11042-023-15574-9
1873	Sivasankari K., Karunanithy K.	Epileptic seizure detection using posterior probability-based convolutional neural network classifier	Multimedia Tools and Applications					2.577	10.1007/s11042-023-15816-w
1874	Prashanth A., Jayalakshmi S.L., Vedhapriyavadhana R.	A review of deep learning techniques in audio event recognition (AER) applications	Multimedia Tools and Applications					2.577	10.1007/s11042-023-15891-z
1875	Amma N.G.B., Rajput V.	Towards improving the performance of traffic sign recognition using support vector machine based deep learning model	Multimedia Tools and Applications					2.577	10.1007/s11042-023-15479-7
1876	Aberna P., Agilandeewari L.	Digital image and video watermarking: methodologies, attacks, applications, and future directions	Multimedia Tools and Applications					2.577	10.1007/s11042-023-15806-y
1877	Clement J.C., Sriharipriya K.C., Prakasam P., Chandra Sekaran D.S.	Throughput enhancement in a cognitive radio network using a reinforcement learning method	Multimedia Tools and Applications					2.577	10.1007/s11042-023-15432-8
1878	Singh A.K., Acharya K., Mukhopadhyay S.	Post-quantum secure recipient revocable broadcast encryption supporting anonymity	Multimedia Tools and Applications					2.577	10.1007/s11042-023-15435-5

1879	Selvaraj V.K., Subramanian J.	Experimentation, simulation, and statistical analysis of nanofillers reinforced bio- based polyurethane foam for acoustical applications	Polymer Engineering and Science					2.573	10.1002/pen.26273
1880	Venkatadri K., Öztop H.F., Prasad V.R., Parthiban S., Bég A.O.	RSM-based sensitivity analysis of hybrid nanofluid in an enclosure filled with non- Darcy porous medium by using LBM method	Numerical Heat Transfer; Part A: Applications					2.569	10.1080/10407782.2 023.2193708
1881	Tijani Y.O., Adeosun A.T., Ogunseye H.A., Niranjan H.	Magnetic dipole dynamics on Reiner–Philippoff boundary layer flow	Numerical Heat Transfer; Part A: Applications					2.569	10.1080/10407782.2 023.2209925
1882	Yu L., Jia J., Lakshminarayanan K., Li Y., Gan Y., Yao Y.	A finite element analysis of the carpal arch with various locations of carpal tunnel release	Frontiers in Surgery	10				2.568	10.3389/fsurg.2023. 1134129
1883	Kavitha D., Priyadharshini M., Anitha R., Suma S., Prema V., Vidhya A.	Adaptive DBN Using Hybrid Bayesian Lichtenberg Optimization for Intelligent Task Allocation	Neural Processing Letters					2.565	10.1007/s11063-022- 11071-6
1884	Abinaya S., Alphonse A.S., Abirami S., Kavithadevi M.K.	Enhancing Context-Aware Recommendation Using Trust- Based Contextual Attentive Autoencoder	Neural Processing Letters					2.565	10.1007/s11063-023- 11163-x
1885	Pandey A.K., Roy S.S.	Natural Language Generation Using Sequential Models: A Survey	Neural Processing Letters					2.565	10.1007/s11063-023- 11281-6

1886	Muthu S.M., Arivarasu M., Sivaswamy G.	Life assessment of thermal sprayed alloy 825 in waste heat incineration environment	International Journal of Pressure Vessels and Piping	202					2.560	10.1016/j.ijpvp.2023.104919
1887	Afiya S., Rajesh M.	MinLA of (K9-C9)n and its optimal layout into certain trees	Journal of Supercomputing						2.557	10.1007/s11227-023-05140-3
1888	Vijay A., Hariharan M., Luis Cabellos J., Eithiraj R.D.	Exploring chemical bonding nature, weak exciton effect, electronic, optical and thermoelectric properties of NaReN ₂ via DFT computations	Chemical Physics	571					2.552	10.1016/j.chemphys.2023.111942
1889	Kumar U.V., Saha S., Koley S.	A comparative study of wave scattering by non-porous and porous flexible plates in the presence of a submerged porous structure	Meccanica						2.538	10.1007/s11012-023-01679-w
1890	Vyas A., Parnami A., Prusty M.R.	Graph theory-based mathematical modeling and analysis to predict a football dream team	Knowledge and Information Systems						2.531	10.1007/s10115-023-01849-y
1891	Murali P., Karuppasamy R.	Imidazole and Biphenyl Derivatives as Anti-cancer Agents for Glioma Therapeutics: Computational Drug Repurposing Strategy	Anti-Cancer Agents in Medicinal Chemistry	23	9	1085	1101		2.527	10.2174/1871520623666230125090815
1892	Patel D.A., Anand T., Sk A.K., Sahoo S.K.	Fluorescence Sensing of pH and p-Nitrophenol Using an AIEE Active Pyridoxal Derived Schiff Base	Journal of Fluorescence						2.525	10.1007/s10895-023-03167-6

1893	Rajendran D., Chandrasekaran N.	Molecular Interaction of Functionalized Nanoplastics with Human Hemoglobin	Journal of Fluorescence					2.525	10.1007/s10895-023- 03221-3
1894	Patel D.A., Anand T., Selvam P., Sahoo S.K.	Aggregation-induced Emission Active Naphthalimide Derived Schiff Base for Detecting Cu ²⁺ and Its Applications	Journal of Fluorescence					2.525	10.1007/s10895-023- 03287-z
1895	Woszczyło M., Pasikowski P., Devaraj S., Kokocińska A., Szumny A., Skwark M.J., Nizański W., Dzięcioł M.	Urinary Proteins of Female Domestic Dog (<i>Canis familiaris</i>) during Ovarian Cycle	Veterinary Sciences	10	4			2.518	10.3390/vetsci10040 292
1896	Yadav P.K., Bhasker R., Stonier A.A., Peter G., Vijayakumar A., Ganji V.	Machine learning based load prediction in smart-grid under different contract scenario	IET Generation, Transmission and Distribution					2.503	10.1049/gtd2.12828
1897	Raja S., John Rajan A.	Challenges and Opportunities in Additive Manufacturing Polymer Technology: A Review Based on Optimization Perspective	Advances in Polymer Technology	2023				2.502	10.1155/2023/8639 185
1898	Aishwarya K., Lakshmi B.	Investigation of heavy ion radiation and temperature on junctionless tunnel field effect transistor	Journal of Nanoparticle Research	25	7			2.5	10.1007/s11051-023- 05793-4

1899	Kumar B.K., Sankar R., Krishnan R.N., Rukmani R.	Multiserver call center retrial queue under Bernoulli vacation schedule with two- way communication and orbital search	Telecommunicati on Systems					2.5	10.1007/s11235-023- 01025-1
1900	Bathwar M., Vijayaraghavan R.	Na doped CuO as a new Day- Night (Photo) Catalyst	Journal of Nanoparticle Research	25	7			2.5	10.1007/s11051-023- 05801-7
1901	Chandrasekhar G., Rajasekaran R.	Bioactive Peptides of Fermented Food Products Targeting the Structural Rigid Core of Amyloid Fibril Unravalled by Simulated Thermal Unfolding in Alzheimer's Disorder	International Journal of Peptide Research and Therapeutics	29	5			2.5	10.1007/s10989-023- 10546-x
1902	Venkidasamy R., Elumalai T., Govindhasamy S., Tharmalingam S., Emmanuel Rajan J.J.S.	Synthesis of CaCO ₃ nanocomposite from natural carbonate source and its effect on the inclusion of Eu ³⁺ ions for photocatalytic activity	Chemical Engineering Communications					2.5	10.1080/00986445.2 023.2233002
1903	Sukanya G., Priyadarshini J.	Modified Hierarchical- Attention Network model for legal judgment predictions	Data and Knowledge Engineering	147				2.5	10.1016/j.datak.202 3.102203
1904	Ravikumar A., Sriraman H., Saleena B., Prakash B.	Selecting the optimal transfer learning model for precise breast cancer diagnosis utilizing pre-trained deep learning models and histopathology images	Health and Technology					2.5	10.1007/s12553-023- 00772-0

1905	Kumari N.A., Sreenivasulu V.B., Prithvi P.	Impact of Scaling on Nanosheet FET and CMOS Circuit Applications	ECS Journal of Solid State Science and Technology	12	3			2.483	10.1149/2162- 8777/acbcf2
1906	Sreenivasulu V.B., Kumari N.A., Lokesh V., Vishvakarma S.K., Narendar V.	Common Source Amplifier and Ring Oscillator Circuit Performance Optimization Using Multi-Bridge Channel FETs	ECS Journal of Solid State Science and Technology	12	2			2.483	10.1149/2162- 8777/acbb9e
1907	Ashika S.A., Balamurugan S., Sana Fathima T.K., Palanisami N., Viswanathan T.	Detailed Studies on the Synthesis Methods and Characterizations of Nanocrystalline Cr2O3 Phase Materials for NIR Pigmentation Applications	ECS Journal of Solid State Science and Technology	12	5			2.483	10.1149/2162- 8777/acd210
1908	Kumari N.A., Sreenivasulu V.B., Ajayan J., Reddy T.J., Prithvi P.	Spacer Engineering on Nanosheet FETs towards Device and Circuit Perspective	ECS Journal of Solid State Science and Technology	12	5			2.483	10.1149/2162- 8777/acd65e
1909	Venkateshwaran A., Kumar M., M.B. S.K., D. D.J., R. S., Joshi A., Pain C.	Numerical study of the effect of geometry on the behaviour of internally heated melt pools for in-vessel melt retention	Progress in Nuclear Energy	156				2.461	10.1016/j.pnucene.2 022.104555
1910	Praveenkumar K., Sudhagara Rajan S., Swaroop S., Manivasagam G.	Laser shock peening: a promising tool for enhancing the aeroengine materials' surface properties	Surface Engineering					2.451	10.1080/02670844.2 023.2206186

1911	Deepak G., Madiajagan M., Kulkarni S., Ahmed A.N., Gopatoti A., Ammisetty V.	MCSC-Net: COVID-19 detection using deep-Q- neural network classification with RFNN-based hybrid whale optimization	Journal of X-ray science and technology	31	3	483	509	2.442	10.3233/XST-221360
1912	Singh C Q.J., Rajamurugan G., Krishnasamy P., Sutrave S., Jain A.	A review on wire mesh reinforced polymer composite	Polymer-Plastics Technology and Materials					2.439	10.1080/25740881.2 023.2189470
1913	Arockiaraj M., Greeni A.B., Kalaam A.R.A.	Linear versus cubic regression models for analyzing generalized reverse degree based topological indices of certain latest corona treatment drug molecules	International Journal of Quantum Chemistry					2.437	10.1002/qua.27136
1914	Kumari M., Pulimi M.	Phthalate esters: occurrence, toxicity, bioremediation, and advanced oxidation processes	Water science and technology : a journal of the International Association on Water Pollution Research	87	9	2090	2115	2.43	10.2166/wst.2023.1 19
1915	Gurunathan S., Yogalakshmi T., Balasubramanian K.	Topological characterization of statistically clustered networks for molecular similarity analysis	Journal of Mathematical Chemistry					2.413	10.1007/s10910-022- 01438-4

1916	Govardhan S., Roy S., Balasubramanian K., Prabhu S.	Topological indices and entropies of triangular and rhomboidal tessellations of kekulenes with applications to NMR and ESR spectroscopies	Journal of Mathematical Chemistry					2.413	10.1007/s10910-023-01465-9
1917	Almal S., Bagepalli A.R., Dutta P., Chaki J.	Healthy-unhealthy animal detection using semi-supervised generative adversarial network	PeerJ Computer Science	9				2.411	10.7717/PEERJ-CS.1250
1918	Ravikumar A., Sriraman H.	Real-time pneumonia prediction using pipelined spark and high-performance computing	PeerJ Computer Science	9		1	23	2.411	10.7717/PEERJ-CS.1258
1919	Das P., Gupta J., Sikdar D., Bhattacharjee R.	A smart metasurface for scanning deep brain tissues at 1.5T MRI	Current Applied Physics	53		172	180	2.4	10.1016/j.cap.2023.07.003
1920	Vinodh Kumar P., Pedda Obulesu Y.	Cross-diffusion of the stagnation-point solar radiated micropolar liquid flow through a convected surface	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.4	10.1177/09544089221144174
1921	Praveenkumar B., Darius Gnanaraj S., Prabhu T R.	Friction, wear, and characterization of magnesium composite for automotive brake pad material	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications					2.4	10.1177/14644207231177499

1922	Murugusundaramoorthy G., Vijaya K., Bulboacă T.	Initial Coefficient Bounds for Bi-Univalent Functions Related to Gregory Coefficients	Mathematics	11	13			2.4	10.3390/math11132857
1923	El-Deeb S.M., Alharbi A., Murugusundaramoorthy G.	Sakaguchi Type Starlike Functions Related with Miller-Ross-Type Poisson Distribution in Janowski Domain	Mathematics	11	13			2.4	10.3390/math11132918
1924	Mariappan M., Muthusamy C., Ramos H.	Second-Order Robust Numerical Method for a Partially Singularly Perturbed Time-Dependent Reaction–Diffusion System	Mathematics	11	12			2.4	10.3390/math11122685
1925	Mallick M., Mohanta A., Kumar A., Patra K.C.	Anticipating Surface Mean Pressure Coefficient on Inner Surface of C-Shaped Irregular Buildings Using Artificial Intelligence Methodology	Journal of Aerospace Engineering	36	6			2.4	10.1061/JAEEZ.ASENG-4641
1926	Bhat A.M., Periasamy C., Poonia R., Varghese A., Shaf N., Tripathy S.	AlGaIn/GaN HEMT Based Ph Detection Using Atomic Layer Deposition of Al_2O_3 as Sensing Membrane and Passivation	IEEE Transactions on Nanotechnology			1	7	2.4	10.1109/TNANO.2023.33305360
1927	Ramesh B., Lakshmana K.	Multi Head Deep Neural Network Prediction Methodology for High-Risk Cardiovascular Disease on Diabetes Mellitus	CMES - Computer Modeling in Engineering and Sciences	137	3	2513	2528	2.4	10.32604/cmes.2023.028944

1928	Kumar R., Yadav A.S., Sharma A., Rajak U., Verma T.N., Alam T., Tiwari N., Jawahar C.P.	Experimental analysis of a diesel engine run on non-conventional fuel blend at different preheating temperatures	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.4	10.1177/09544089231190754
1929	Kumar A., Pradhan M.K., Das R.	Measurement of EDMed surfaces roughness using convolutional neural network	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.4	10.1177/09544089231190271
1930	Nandhakumar S., Gokul Kumar K.	Evolution of microstructure, microhardness, crystallographic texture, and grain size variation in dissimilar joints used in concentrated solar power plants application	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications					2.4	10.1177/14644207231189943
1931	Sampath Kumar T., Vignesh M., Mathur A.B., Chunamari O.V.	Experimental investigation to optimize machining parameters for super duplex stainless steel in spark EDM using die-sinking and MQL system	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.4	10.1177/09544089231190200

1932	Hemanth Kumar P., Srikanth A., Kumari G.R.S., Ravi L., Sarveswari S., Vijayakumar V.	One Pot Synthesis of “3-(4,5-Diphenyl-1H-Imidazol-2-yl)-2-Phenoxyquinolines” and Their Potential as α -Glucosidase Inhibitors: Molecular Docking and MDS Investigation	Polycyclic Aromatic Compounds					2.4	10.1080/10406638.2023.2247122
1933	Arivazhagan A., Chandrasekaran S., Vadivel S., Selvaraj S.K., Vedyappan S., Gandhirajan V.	Synthesis, Structural, Spectroscopic and Quantum Chemical Investigation of a Novel 1,4-Diamino-2,5-dichlorobenzenium Picrate Single Crystal: An Efficient NLO Material	Polycyclic Aromatic Compounds					2.4	10.1080/10406638.2023.2240938
1934	D.S A., B J.	Physiochemical Properties of Benzophenone and Curcumin-conjugated PAMAM Dendrimers Using Topological Indices	Polycyclic Aromatic Compounds					2.4	10.1080/10406638.2023.2234542
1935	Mohurle S., Vishnu Devi C., Pasuparth S.D., Talarla D., Kali V., Maiti B.	[BCMIM][Cl] ionic liquid catalyzed diastereoselective synthesis of β -amino ketones via facile, one-pot, multicomponent Mannich reaction under solvent-free condition	Journal of Heterocyclic Chemistry					2.4	10.1002/jhet.4698
1936	Fusic S.J., Sitharthan R., Masthan S.S., Hariharan K.	Autonomous vehicle path planning for smart logistics mobile applications based on modified heuristic algorithm	Measurement Science and Technology	34	3			2.398	10.1088/1361-6501/aca708

1937	Vinoth Kumar P., Shobika M., Roopan S.M., Madhumitha G.	A mini review: Recent progress in light-mediated synthesis of carbon-carbon bonded stilbene analogues	Tetrahedron	135				2.388	10.1016/j.tet.2023.1 33341
1938	Afridha M.S.H.F., Roopan S.M.	An insight on iron mediated aziridination reactions	Tetrahedron	140				2.388	10.1016/j.tet.2023.1 33488
1939	Prabhu S., Vijayakumar A., Stonier A.A., Peter G., Dorji S., Ganji V.	Analysis of isolated phase windings and permanent magnet assists high energy efficient hybrid-reluctance motor for electric vehicle	IET Electrical Systems in Transportation	13	2			2.387	10.1049/els2.12081
1940	Sahana R., Mounica P., Dineshkumar P., Elangovan A., Shanmugam R., Arivazhagan G.	Conformers of 1,4-dioxane and their hydrogen bond complexation with methanol	Vibrational Spectroscopy	126				2.382	10.1016/j.vibspec.20 23.103519
1941	Pundir M., Sandhu J.K., Gupta D., Gadekallu T.R., Juneja A., Gulzar Y., Nauman A.	Data Rate Aware Reliable Transmission Mechanism in Wireless Sensor Networks using Bayesian Regularized Neural Network approach	Physical Communication	59				2.379	10.1016/j.phycom.2 023.102115
1942	Bairabathina S., Subramani B.	Design, prototype validation, and reliability analysis of a multi-input DC/DC converter for grid-independent hybrid electric vehicles	International Journal of Circuit Theory and Applications					2.378	10.1002/cta.3533
1943	Krishnachaitanya D., Annamalai C.	Real time implementation of a new seven level multilevel inverter with design considerations for feasible and reliable operation	International Journal of Circuit Theory and Applications					2.378	10.1002/cta.3653

1944	Shivashanker K., Janaki M.	An approach on nonlinear integration of MMC to linear model of ROPS in transient analysis	International Journal of Circuit Theory and Applications					2.378	10.1002/cta.3664
1945	Gupta S., Khurana Y., Atrey J., Gupta S., Krishnamoorthy P.	Marine debris detection using a multi-feature pyramid network	Remote Sensing Letters			231	241	2.369	10.1080/2150704X.2023.2183480
1946	Mutra R.R., Mallikarjuna Reddy D., Srinivas J., Sachin D., Babu Rao K.	Signal-based parameter and fault identification in roller bearings using adaptive neuro-fuzzy inference systems	Journal of the Brazilian Society of Mechanical Sciences and Engineering	45	1			2.361	10.1007/s40430-022-03954-5
1947	Kathrotiya D., Yusuf A., Bhagchandani R.K., Gupta S.	A Study for the development of prosthetic foot by additive manufacturing	Journal of the Brazilian Society of Mechanical Sciences and Engineering	45	3			2.361	10.1007/s40430-023-04107-y
1948	Reddy C.C., Chowdhary S., Nimmagadda R., Harish R., Reddy S.R.	Droplet breakup and coalescence characteristics of hollow cone spray in crossflow	Journal of the Brazilian Society of Mechanical Sciences and Engineering	45	3			2.361	10.1007/s40430-023-04082-4
1949	Sahu D., Jain S., Dhurandher B.K., Gupta A., Kumar S.	An effect of ventilation on development of thermal and toxic environment in cubical enclosure fires	Journal of the Brazilian Society of Mechanical Sciences and Engineering	45	4			2.361	10.1007/s40430-023-04154-5
1950	Balaji P.A., Sugumaran V.	Comparative study of machine learning and deep learning techniques for fault diagnosis in suspension system	Journal of the Brazilian Society of Mechanical Sciences and Engineering	45	4			2.361	10.1007/s40430-023-04145-6

1951	Velayuthaperumal S., Radhakrishnan R.	Effect of different laser texture configurations on improving surface wettability and wear characteristics of Ti6Al4V implant material	Journal of the Brazilian Society of Mechanical Sciences and Engineering	45	7			2.361	10.1007/s40430-023-04287-7
1952	Peng L., Wu Y., Lakshminarayanan K., Zhang A., Gan Y., Li Y., Yao Y.	The relationship between shear wave velocity in transverse carpal ligament and carpal tunnel pressure: A finite element analysis	Medical Engineering and Physics	116				2.356	10.1016/j.medengphy.2023.103995
1953	Kalathinathan P., Sain A., Pulicherla K., Kodiveri Muthukaliannan G.	A Review on the Various Sources of β -Galactosidase and Its Lactose Hydrolysis Property	Current Microbiology	80	4			2.343	10.1007/s00284-023-03220-4
1954	Malathi V., Gopinath M.P., Kumar M., Bhushan S., Jayaprakash S.	Enhancing the Paddy Disease Classification by Using Cross-Validation Strategy for Artificial Neural Network over Baseline Classifiers	Journal of Sensors	2023				2.336	10.1155/2023/1576960
1955	Kandasamy M., Anto S., Baranitharan K., Rastogi R., Satwik G., Sampathkumar A.	Smart Grid Security Based on Blockchain with Industrial Fault Detection Using Wireless Sensor Network and Deep Learning Techniques	Journal of Sensors	2023				2.336	10.1155/2023/3806121
1956	Kumar A., Patel R., Vijayakumar V., Shukla A.	Investigation on the Approximate Controllability of Fractional Differential Systems with State Delay	Circuits, Systems, and Signal Processing					2.311	10.1007/s00034-023-02335-0

1957	Patel S., Thanikaiselvan V.	Latin Square and Machine Learning Techniques Combined Algorithm for Image Encryption	Circuits, Systems, and Signal Processing					2.311	10.1007/s00034-023-02427-x
1958	Divya M., Sundaram K.	Blind Zone-Less Phase Frequency Detector for a Low-Power Phase-Locked Loop Architecture	Circuits, Systems, and Signal Processing					2.311	10.1007/s00034-023-02413-3
1959	Arjunan A., Manikandan M., Vijayaraghavan R., Sangeetha P.	Highly Active and Recyclable CuxFe3-xO4 NPs for Selective Oxidation of Benzyl Alcohol using TBHP as an Oxidant	ChemistrySelect	8	1			2.307	10.1002/slct.202202776
1960	Prathima T.S., Ahmad M.G., Karuppasamy R., Chanda K., Balamurali M.M.	Investigation on Phyto-active Constituent of Clerodendrum paniculatum as Therapeutic Agent against Viral Diseases	ChemistrySelect	8	4			2.307	10.1002/slct.202203932
1961	Reddy Manne M., Panicker R.R., Ramakrishnan K., Hareendran H.M.K., Kumar Pal S., Kumar S., Pallepogu R., Desikan R., Sivaramakrishna A.	Synthesis and Biological Evaluation of a Series of Quinoline-Based Quinazolinones and Carbamic Anhydride Derivatives	ChemistrySelect	8	3			2.307	10.1002/slct.202204508
1962	Hudait N., Karmakar A., Basu A., Kar B., Bhuyan S., Chhetri K., Kundu S., Gopal Roy B., Sengupta J.	Transglycosylation Reaction: Synthesis and Supramolecular Study of Carbohydrate-Cased C2-Symmetric 20- and 22-Membered Macrocyclic Dinucleosides	ChemistrySelect	8	8			2.307	10.1002/slct.202204311

1963	Meshach P.D., Gopalakrishnan C., Sekar Ponnusamy C., Lavinya U., Ramalingam R.	Therapeutic Role of DGJ (1-deoxygalactonojirimycin) in Fabry Disease: Theoretical Insights	ChemistrySelect	8	13			2.307	10.1002/slct.202204457
1964	Hemalatha G.M., Thirunavukkarasu K., Kumar C.R., Thamim M., Thirumoorthy K.	Selective Detection of Copper Ions and Biological Activities of Isoniazid Schiff Bases	ChemistrySelect	8	12			2.307	10.1002/slct.202204898
1965	Aklak A.F., Vadamala P.R.	Visual object tracking via adaptive deep feature matching and overlap maximization	Pattern Analysis and Applications					2.307	10.1007/s10044-023-01157-9
1966	Sana S.S., Hou T., Li H., Vadde R., Basavegowda N., Chakravorty A., Kumbhakar D.V., Zhang Z., Mamidi N.	Crude Polysaccharide Produces Silver Nanoparticles with Inherent Antioxidant and Antibacterial Activity	ChemistrySelect	8	18			2.307	10.1002/slct.202203658
1967	Raju A., Samanta D., Rajendrakumar K.	A Review of Recent Advances in the Development of Superhydrophobicity over Various Substrate Surfaces Using Polymers	ChemistrySelect	8	17			2.307	10.1002/slct.202204262
1968	Prakash S.H., Roopan S.M.	A comprehensive review on recent developments in the graphene quantum dot framework for organic transformations	Journal of Organometallic Chemistry	997				2.3	10.1016/j.jorganchem.2023.122790

1969	Gopi P., Srinivasa Varma P., Sai Kalyan C.N., Ravikumar C.V., Srinivasulu A., Bohara B., Rajesh A., Ab Wahab M.N., Sathish K.	Dynamic Behavior and Stability Analysis of Automatic Voltage Regulator with Parameter Uncertainty	International Transactions on Electrical Energy Systems	2023				2.3	10.1155/2023/6662355
1970	Johnson N.N., Madhavadas V., Asati B., Giri A., Hanumant S.A., Shajan N., Arora K.S., Selvaraj S.K.	Implementation of Machine Learning Algorithms for Weld Quality Prediction and Optimization in Resistance Spot Welding	Journal of Materials Engineering and Performance					2.3	10.1007/s11665-023-08503-2
1971	Sudarshan B.S., Arunkumar G.	SiC switch-based isolated DC-DC converter for simultaneous charging of Li-ion batteries of different voltage ratings for low- and medium-power electric vehicle battery charging application	International Journal of Circuit Theory and Applications					2.3	10.1002/cta.3693
1972	Boopathi R., Indragandhi V.	Solar photovoltaic-interfaced shunt active power filter implementation for power quality enhancement in grid-connected systems	International Journal of Circuit Theory and Applications					2.3	10.1002/cta.3710

1973	Priyadharsini M., David Maxim Gururaj A.	MATHEMATICAL ANALYSIS OF DRUG-INDUCED CHEMICAL REACTION ON UNSTEADY MHD BLOOD FLOW WITH RADIATION EFFECTS THROUGH A PERMEABLE STRETCHING CAPILLARY	Journal of Porous Media	26	10	63	83	2.3	10.1615/JPorMedia. 2023044167
1974	Awasthi M.K., Shukla A.K., Singh A.K., Shukla P.	INTERFACIAL INSTABILITY ANALYSIS OF VISCOUS- VISCOELASTIC FLUID INTERFACE IN AN ANNULAR POROUS MEDIUM	Journal of Porous Media	26	11	1	13	2.3	10.1615/JPorMedia. 2023044861
1975	Daniel S.A., Anand P.S.P.	A New Approach to Estimate Unknown Process Parameters of Laser-Based Powder Bed Fusion: Printed SS316L Using Box–Behnken Method	Journal of Materials Engineering and Performance					2.3	10.1007/s11665-023- 08551-8
1976	Prakash R.B.R., Srinivasa Varma P., Ravikumar C., Vijay Muni T., Srinivasulu A., Bagadi K., Rajesh A., Sathish K.	Intelligent Energy Management for Distributed Power Plants and Battery Storage	International Transactions on Electrical Energy Systems	2023				2.3	10.1155/2023/6490 026

1977	Mohaideen Abdul Kadhar K., Rengarajan S., Tamilselvi S., Karuppiah N., Balachandran P.K., Thamilmaran A., Dhanamjayulu C., Khan B.	Finite Impulse Response Filter Design Using Fuzzy Logic-Based Diversity-Controlled Self-Adaptive Differential Evolution	International Transactions on Electrical Energy Systems	2023				2.3	10.1155/2023/1572996
1978	Vinodhini N., Prasad V.R.	NUMERICAL STUDY OF FREE CONVECTION Ag-WATER NANOFUID FLOW IN A SQUARE ENCLOSURE WITH VISCOUS DISSIPATION AND HEAT GENERATION/ABSORPTION EFFECTS IN A POROUS MEDIUM WITH COMPLEX WALL CONDITIONS	Journal of Porous Media	26	9	77	99	2.3	10.1615/JPorMedia.2023044454
1979	Udhayakumar A., Mayandi K., Rajini N., Devi R.K., Muthukannan M., Murali M., Ismail S.O., Mohammad F., Al-Lohedan H.A.	Effect of chemical treatment on physico-chemical properties of a novel extracted cellulosic <i>Cryptostegia grandiflora</i> fiber	Materials Research Express	10	7			2.3	10.1088/2053-1591/ace29c
1980	Ravoor J., Elsen S., Thangavel M., Arumugam D., Karuppan D.	Development of hybrid multi-head, multi-material paste and ink extrusion type 3D printer for biomedical applications	Journal of Asian Ceramic Societies					2.3	10.1080/21870764.2023.2247210

1981	Mahadevi P., Sumathi S.	Schiff base metal complexes: Synthesis, optoelectronic, biological studies, fabrication of zinc oxide nanoparticles and its photocatalytic activity	Results in Chemistry	6				2.3	10.1016/j.rechem.2023.101026
1982	Banerjee S., Mukherjee S., Nath P., Mukherjee A., Mukherjee S., Ashok Kumar S.K., De S., Banerjee S.	A critical review of benzimidazole: Sky-high objectives towards the lead molecule to predict the future in medicinal chemistry	Results in Chemistry	6				2.3	10.1016/j.rechem.2023.101013
1983	Gayen F.R., Bora D., Mallick D., Sarbajna A., Ghosh S., Jarugala J., Saha B.	Utility of a Ferrocene Unit in a Cyclometallated Cp*Ir(III) Catalyst during Water Oxidation: Exploring Bimetallic Cooperativity	European Journal of Inorganic Chemistry					2.3	10.1002/ejic.202300462
1984	Anuradha T., Sen S.K., Tamilarasi K.M., Haleem S.L.A., Abdul-Samad Z., Anupong W.	Aquatic ecosystem-based water management in agriculture project by data analytics using classification by deep learning techniques	Acta Geophysica					2.3	10.1007/s11600-023-01104-6
1985	Sangeetha T., Sahana R., Mounica P., Elangovan A., Shanmugam R., Arivazhagan G.	Atoms in molecules theory, electrostatic potential surface and frontier molecular orbital analyses on water multimers and pyridine – Water hydrogen bonded complexes	Computational and Theoretical Chemistry	1219				2.292	10.1016/j.comptc.2022.113960

1986	Prakash S.H., Roopan S.M.	Efficiency of zero-dimensional and two-dimensional graphene architectural nanocomposites for organic transformations in the contemporary environment: a review	Journal of the Iranian Chemical Society	20	2	291	317	2.271	10.1007/s13738-022-02678-6
1987	Tile P.S., Thomas B.	Effect of Load, Sliding Velocity, and Reinforcements on Wear Characteristics of Al7075-Based Composite and Nanocomposites Fabricated by Ultrasonic-Assisted Stir-Casting Technique	International Journal of Metalcasting					2.263	10.1007/s40962-023-01006-9
1988	pandey S.K., Shukla A., Bhatia S., Gadekallu T.R., Kumar A., Mashat A., Shah M.A., Janghel R.R.	Detection of Arrhythmia Heartbeats from ECG Signal Using Wavelet Transform-Based CNN Model	International Journal of Computational Intelligence Systems	16	1			2.259	10.1007/s44196-023-00256-z
1989	Murugesan S., Cherukuri A.K.	The Rise of Generative Artificial Intelligence and Its Impact on Education: The Promises and Perils	Computer	56	5	116	121	2.256	10.1109/MC.2023.3253292
1990	Manikandan E., Karthigeyan K.A., Arivarasi A., Papanasam E.	High-Q and FOM Dual-Band Polarization Dependent Ultra-Narrowband Terahertz Metamaterial Sensor	IEEE Photonics Journal	15	1			2.250	10.1109/JPHOT.2023.3234074

1991	Balamurugan P., Agarwal P., Khajuria D., Mahapatra D., Angalaeswari S., Natrayan L., Mammo W.D.	State-Flow Control Based Multistage Constant-Current Battery Charger for Electric Two-Wheeler	Journal of Advanced Transportation	2023				2.249	10.1155/2023/4554 582
1992	Sivasankar S., Udhayakumar R., Muthukumaran V.	A new conversation on the existence of Hilfer fractional stochastic Volterra–Fredholm integro-differential inclusions via almost sectorial operators	Nonlinear Analysis: Modelling and Control	28	2	288	307	2.217	10.15388/namc.202 3.28.31450
1993	Ansari A.A., Ravesh R., Chakraborty S., Panigrahi P.K., Das M.K.	CO2 Hydrate Formation Kinetics in the Presence of a Layered Double Hydroxide Nanofluid	Chemical Engineering and Technology					2.215	10.1002/ceat.20220 0502
1994	Babu T., Thangaraj S.	A Novel Approach for the Synthesis of Eco-friendly Geopolymer Ternary Blended Mortar with GGBS, Sugarcane Bagasse Ash, and Sewage Sludge Ash under Ambient Curing Conditions	KSCE Journal of Civil Engineering	27	8	3441	3454	2.2	10.1007/s12205-023- 1842-x
1995	Biswas R., Metya A.K., Abebe K.M., Gedf S.A., Melese B.T.	Carbon dioxide solubility in choline chloride-based deep eutectic solvents under diverse conditions	Journal of Molecular Modeling	29	8			2.2	10.1007/s00894-023- 05643-z
1996	Mohapatra S., Barman R., Das T.K., Badapanda T., Bennett E.L., Tripathy S.N.	Exploration of MgTiO ₃ -CaTiO ₃ Ceramic-Based Dielectric Resonator Antenna for Sub-6 GHz 5G Communication Application	ECS Journal of Solid State Science and Technology	12	7			2.2	10.1149/2162- 8777/ace287

1997	Ghatage P.S., Sudhagar P.E.	Free vibrational behavior of bi-directional perfect and imperfect axially graded cylindrical shell panel under thermal environment	Structural Engineering and Mechanics	85	1	135	145	2.2	10.12989/sem.2023.85.1.135
1998	Muthamil Selvan S., Vijai Anand K., Magesh V., Sundramoorthy A.K., Vinitha G., Khosla A., Govindaraju K.	Green Synthesis of Blue Light-Emitting Carbon Dots Using Tridax procumbens Leaves: Optical and Electrochemical Studies	ECS Journal of Solid State Science and Technology	12	6			2.2	10.1149/2162-8777/acdf81
1999	Mahesh P., Nayak C., Panigrahy D.	Impact of truncation on absorption spectra in a graphene-based random photonic crystal	Emerging Materials Research	12	2	154	162	2.2	10.1680/jemmr.22.00087
2000	Paul D.M., Chandrasekhar G., Srinivasan E., Sekar P.C., Lavinya B.U., Rajasekaran R.	LSDDDB: Lysosomal Storage Disorder Database for Lysosomal Proteins and Their Single Amino-Acid Substitutions	Journal of Computational Biophysics and Chemistry	22	5	589	603	2.2	10.1142/S273741652350028X
2001	Joy H.K., Kounte M.R., Chandrasekhar A., Paul M.	Deep Learning Based Video Compression Techniques with Future Research Issues	Wireless Personal Communications					2.2	10.1007/s11277-023-10558-2
2002	Lavanya K., Gondchar A., Mathew I.M., Sarda S., Ananda Kumar S., Mahendran A., Perera D.G.	Land Cover Classification Using Landsat 7 Data for Land Sustainability	Wireless Personal Communications	132	1	679	697	2.2	10.1007/s11277-023-10631-w

2003	Patil B., Vydeki D.	Node Authentication and Trust-Aware Secure Routing in NDN-IoT Empowered Savvy City Applications	Wireless Personal Communications	132	1	457	485	2.2	10.1007/s11277-023-10618-7
2004	Balakrishnan G.P., Chinnathambi R., Rihan F.A.	A fractional-order control model for diabetes with restraining and time-delay	Journal of Applied Mathematics and Computing	69	4	3403	3420	2.2	10.1007/s12190-023-01885-5
2005	Punetha S., Vuppu S.	GC-MS, FTIR and physico-chemical analysis of phytochemicals from Vellore floral waste and its in-silico studies	Chemical Papers					2.2	10.1007/s11696-023-02984-0
2006	Buvaneshwari T.K., Anuradha D.	Solving bi-objective bi-item solid transportation problem with fuzzy stochastic constraints involving normal distribution	AIMS Mathematics	8	9	21700	21731	2.2	10.3934/math.20231107
2007	Vivek S., Vijayakumar V.	An analysis on the approximate controllability of neutral functional hemivariational inequalities with impulses	Optimization					2.2	10.1080/02331934.2023.2239851
2008	Bera A., Mondal P., Garai H., Dey L.K.	On Maia type fixed point results via implicit relation	AIMS Mathematics	8	9	22067	22080	2.2	10.3934/math.20231124
2009	Saha R., Goswami R., Hoque S.	Investigation on Effect of Interface Trap Charges and Temperature in Gate Overlap Graphene Source Step Shape Double Gate Tunnel FET	ECS Journal of Solid State Science and Technology	12	8			2.2	10.1149/2162-8777/acec10

2010	Blessy Kamalam E., Manikandan N.	Review—Recent Advances in Bismuth Tellurite Glasses for Photonic and Radiation Shielding Applications	ECS Journal of Solid State Science and Technology	12	7			2.2	10.1149/2162-8777/ace6d8
2011	Mathew J.E., Ramamoorthy S.	Elucidation of the interaction of apocarotenoids with calf thymus DNA by biophysical techniques and in vitro study in MCF-7 cells to explore their potential in cancer therapy	Iranian Journal of Basic Medical Sciences	26	9	1083	1089	2.2	10.22038/IJBMS.2023.69926.15213
2012	Sridharan K., Sekaran K., Doss C G.P., Jufairi M.A.	Machine learning algorithms and computational validation of single-nucleotide polymorphisms of antioxidant enzymes and oxidative stress markers in neonates	Biomarkers in Medicine	17	7	369	378	2.2	10.2217/bmm-2023-0051
2013	Kalaimathi M., Balamurugan B.J.	Topological indices of molecular graphs of monkeypox drugs for QSPR analysis to predict physicochemical and ADMET properties	International Journal of Quantum Chemistry					2.2	10.1002/qua.27210
2014	Parveen S.T., Balamurugan B.J.	QSPR analysis through graph models for predicting ADMET properties of antifungal drugs to treat fungal diseases	International Journal of Quantum Chemistry					2.2	10.1002/qua.27211

2015	Renai P.N.A.D., Roy S.	On computation of degree based entropy measures for terpyridine complex nanosheet	International Journal of Quantum Chemistry					2.2	10.1002/qua.27190
2016	Sai Manogna B., Swamy T.N.V.R.	To moonlight or not to moonlight: The role of organisational commitment dimensions in secondary employment decisions among higher education teachers	Higher Education Quarterly					2.2	10.1111/hequ.12448
2017	Tammineni N.M., Mutra R.R.	A review on recent advancements in an automotive turbocharger rotor system supported on the ball bearings, oil film and oil-free bearings	Journal of the Brazilian Society of Mechanical Sciences and Engineering	45	9			2.2	10.1007/s40430-023-04383-8
2018	Johnson C., Sankar R.	Graph energy and topological descriptors of zero divisor graph associated with commutative ring	Journal of Applied Mathematics and Computing					2.196	10.1007/s12190-023-01837-z
2019	Govardhan S., Santiago R.	Degree-Sum Based Topological Indices of Supercoronene and Triangle-Shaped Discotic Graphene Using NM-Polynomial	Polycyclic Aromatic Compounds					2.195	10.1080/10406638.2023.2177314
2020	Gnanaraj L.R.M., Ganesan D., Siddiqui M.K.	Topological Indices and QSPR Analysis of NSAID Drugs	Polycyclic Aromatic Compounds					2.195	10.1080/10406638.2022.2164315

2021	Sahaya Vijay J., Roy S.	Computation of Wiener Descriptor for Melamine Cyanuric Acid Structure	Polycyclic Aromatic Compounds					2.195	10.1080/10406638.2023.2186441
2022	Valarmathi T., Premkumar R., James Jebaseelan Samuel E., Benial A.M.F.	Spectroscopic Characterization, Quantum Chemical and Molecular Docking Studies on 1-Chloroanthraquinone: A Novel Oral Squamous Cell Carcinoma Drug	Polycyclic Aromatic Compounds					2.195	10.1080/10406638.2023.2209249
2023	Prem Kumar V., Vasugi V.	Application of optimized bamboo fibre reinforced mortar in prefabricated bamboo reinforced wall panels as a sustainable building component	European Journal of Environmental and Civil Engineering					2.187	10.1080/19648189.2023.2214198
2024	Isaac A., Nehemiah H.K., Dunston S.D., Kannan A.	Feature selection and classification using bio-inspired algorithms for the diagnosis of pulmonary emphysema subtypes	International Journal of Imaging Systems and Technology					2.177	10.1002/ima.22867
2025	Muniyappan M., Dora R.R., Mohanty S.K.	Wave resonances in the presence of current and the frequency and time-domain interconnection	Wave Motion	119				2.174	10.1016/j.wavemoti.2023.103128
2026	Murali P., Karuppasamy R.	Exploration of natural product database for the identification of potent inhibitor against IDH2 mutational variants for glioma therapy	Journal of Molecular Modeling	29	1			2.172	10.1007/s00894-022-05409-z

2027	Kumar A., Sujith M., Valarmathi K., Kumar R., Al-Asbahi B.A., Ahmed A.A.A.	Double-Absorber CZTS/Sb ₂ Se ₃ Architecture for High-Efficiency Solar-Cell Devices	Physica Status Solidi (A) Applications and Materials Science					2.17	10.1002/pssa.202200902
2028	Mary Manoj A., Rose Viannie L.	Insights into Effects of Annealing Environment on the Changes in Structural Properties and Electrochemical Performance of Nitrogen-Doped Zinc Oxide Nanosheets	Physica Status Solidi (A) Applications and Materials Science					2.17	10.1002/pssa.202200861
2029	Ganesan G., Malayath G., Mote R.G.	A review of cutting tools for ultra-precision machining	Machining Science and Technology					2.154	10.1080/10910344.2023.2180751
2030	Savithri M., Pradeepa M., Prasad D.R., Gangodkar D., Rajalakshmi R., Shafi S., Sinchana N.M., Prasanna Kumar K.R., Selvam N.	Enhancement of QoS in Internet of Things Wearable Devices Dependent on 5G Technology	Wireless Communications and Mobile Computing	2023				2.146	10.1155/2023/6709109
2031	Jonnalagadda V.K., Elumalai V.K.	Nonlinear stabilization and reference tracking of visual servo system using TS fuzzy augmented iterative learning control: Experimental validation	Transactions of the Institute of Measurement and Control					2.146	10.1177/01423312231169163

2032	Dasari S., Kaluri R.	Big Data Analytics, Processing Models, Taxonomy of Tools, V's, and Challenges: State-of-Art Review and Future Implications	Wireless Communications and Mobile Computing	2023				2.146	10.1155/2023/3976302
2033	Arumugham V., Sankaralingam B.P., Jayachandran U.M., Krishna K.V.S.S.R., Sundarraj S., Mohammed M.	An explainable deep learning model for prediction of early-stage chronic kidney disease	Computational Intelligence					2.142	10.1111/coin.12587
2034	Nair N.A., Viswanathan T.S.	β -CaSiO ₃ and colloidal n-SiO ₂ based blended cement composites- their properties, regression analysis and micro-characterization studies [Compuestos de cemento combinados a base de β -CaSiO ₃ y n-SiO ₂ coloidal: propiedades, análisis de regresión y estudios de microcaracterización]	Materiales de Construccion	73	350			2.133	10.3989/mc.2023.304722
2035	Ghosh S.	An analytical approach for the fractional-order Hepatitis B model using new operator	International Journal of Biomathematics					2.129	10.1142/S1793524523500080
2036	Rajamanickam G., Manju S.L.	Formulation and characterization of chitosan nanoparticles loaded with neuroprotective flavonoid from Phyllanthus niruri Linn	Macromolecular Research	31	1	13	24	2.127	10.1007/s13233-023-00114-z

2037	Chadha U., Selvaraj S.K., Abraham A.S., Khanna M., Mishra A., Sachdeva I., Kashyap S., Dev S.J., Swatish R.S., Joshi A., Anand S.K., Adefris A., Lokesh Kumar R., Kaliappan J., Dhanalakshmi S.	Powder Bed Fusion via Machine Learning-Enabled Approaches	Complexity	2023				2.121	10.1155/2023/9481790
2038	Pramitha M., Kishore Kumar K., Praveen M.	Long-term variabilities in thermal structure, CO2 concentration and associated cooling rates in the Earth's middle atmosphere: Observations and model simulations	Journal of Atmospheric and Solar-Terrestrial Physics	246				2.119	10.1016/j.jastp.2023.106070
2039	Alzahrani A., Devarajan G., Subramani S., Vairavasundaram I., Ogbuka C.U.	Analysis and validation of multi-device interleaved DC-DC boost converter for electric vehicle applications	IET Power Electronics					2.112	10.1049/pel2.12494
2040	Vijayakumar A., Stonier A.A., Peter G., Ganji V.	Dual source novel nine level inverter (DSN2LI) design with minimum active devices and inherent polarity generation	IET Power Electronics					2.112	10.1049/pel2.12533
2041	Sachan A., Kumar Soni S., Kumar Goyal J., Kumar Deveerasetty K., Xiong X.	Quantiser-based Hands-off control for robust [K,KL] sector	International Journal of Control					2.102	10.1080/00207179.2023.2190424

2042	Saritha N.R., Pravin J.C., Sandeep V., J.J.S., Ramakrishnan V.N.	Analytical modeling and quasi-static characterization of a lithium niobate (LiNbO ₃)-based metal-ferroelectric-metal-insulator-semiconductor (MFMIS) NCFET	Journal of Computational Electronics					2.1	10.1007/s10825-023-02070-4
2043	Sam A.A., Dutta R., Abraham D., Ghosh P., Pesyridis A.	A review on design, operation and applications of cold-compressors in large-scale helium liquefier/refrigerator systems	Cryogenics	132				2.1	10.1016/j.cryogenics.2023.103700
2044	Jadhav P., Deivanathan R.	Numerical modelling and experimental study of MQL spray parameters in machining of Ti-6Al-4V	International Journal on Interactive Design and Manufacturing					2.1	10.1007/s12008-023-01484-5
2045	Suganya A., Natarajan R.	Wideband reflecting frequency-selective surface polarizer for X-band applications	International Journal of Communication Systems					2.1	10.1002/dac.5608
2046	Sreenivasulu V.B., Kumari N.A., Lokesh V., Ajayan J., Uma M., Vijayvargiya V.	Design of Resistive Load Inverter and Common Source Amplifier Circuits Using Symmetric and Asymmetric Nanowire FETs	Journal of Electronic Materials					2.1	10.1007/s11664-023-10618-0
2047	Kaliraj S., Hariharan B., Sivakumar V., Femilda Josephin J.S., Siva R., Senthil Prakash P.N.	Doppler shift with Archimedes Optimization Algorithm for localizing unknown nodes in underwater sensor networks	International Journal of Communication Systems					2.1	10.1002/dac.5604

2048	V P I., V P S., C V., Kumar T R S.	Design of Broadband Circuit Analog Absorber With Optimal Thickness for Stable Angular Response in C, X, Ku, and K Bands	IEEE Transactions on Electromagnetic Compatibility			1	5	2.1	10.1109/TEM.C.2023.3298816
2049	Jadhav P.S., Mohanty C.P., Magdum R.A.	Numerical investigation and experimental validation of the effects on response parameters in a cryogenic assisted turning of Nimonic C-263 alloy	International Journal on Interactive Design and Manufacturing					2.1	10.1007/s12008-023-01469-4
2050	Liu F., Liu H., Kannadasan R., Jiang Q.	A biometric-based implicit authentication protocol with privacy protection for ubiquitous communication environments	International Journal of Communication Systems					2.1	10.1002/dac.5578
2051	Ranjana M., Sahu P., Ramesh V.V.E., Kumar A.K.N., Babu T.G.S., Kumar D.V.R.	Ethylenediamine Mediated, Environmentally Benign Synthesis of Copper Nanowires and their Catalytic Activity Towards 4-Nitrophenol Reduction	ChemistrySelect	8	30			2.1	10.1002/slct.202204351
2052	George K., Kannadasan S.	Synthesis of quinoline/oxindole appended phenylvinyl-2,5-dihydrofuran derivatives via ring-closing enyne metathesis	Tetrahedron	142				2.1	10.1016/j.tet.2023.133544

2053	Hiremath K.B., Shivashankar M., Chandrasekaran N.	Multispectroscopic Studies on HSA Interaction, DFT Calculations, Molecular Docking, and Antimicrobial Activities of Imine-Functionalized Tris(hydroxymethyl)aminomethane Derivatives	ChemistrySelect	8	25			2.1	10.1002/slct.202301772
2054	Garg P., Rajasekhara Reddy S.	Organo-Catalytic Approach for Biscoumarin Synthesis via a Biomass-Derived Sustainable Strategy	ChemistrySelect	8	25			2.1	10.1002/slct.202301634
2055	Mamgain R., Swami S., Sarkar D., Srivastava P.	Design, Synthesis, and in vitro Biological Evaluation of ROS-Generating Phenanthridinetrione-Epoxy Conjugates as Agents against Mycobacterium tuberculosis	ChemistrySelect	8	25			2.1	10.1002/slct.202300416
2056	Malhan A.H., Thimmakonda V.S., Thirumoorthy K.	Five Bonds to Carbon through Tri-Coordination in Al ₃ C ₃ -/O	Chemistry (Switzerland)	5	2	1113	1123	2.1	10.3390/chemistry5020076
2057	Biswas R.	Physicochemical Properties and Applications of Deep Eutectic Solvents for CO ₂ Capture	Chemical Engineering and Technology					2.1	10.1002/ceat.202300161

2058	Sumathi A., Elavarasi D., Karthikeyan B., Shobana P., Selvaraj S.K., Dewangan S., Molla B.	Mechanical, Durability, and Microstructure Investigations on High-Strength Concrete Incorporating Nanosilica, Multi-Walled Carbon Nanotubes, and Steel Fibres	Advances in Materials Science and Engineering	2023				2.098	10.1155/2023/2164200
2059	Manikandan P., Vasugi V., Prem Kumar V., Duraimurugan S., Sankar M., Chithambar Ganesh A., Senthil Kumaran G.	A Neural Network-Based Prediction of Superplasticizers Effect on the Workability and Compressive Characteristics of Portland Pozzolana Cement-Based Mortars	Advances in Materials Science and Engineering	2023				2.098	10.1155/2023/2605414
2060	Kavitha V., Balaji V.R., Dhanabalan S.S., Sridarshini T., Robinson S., Radhouene M., Hegde G., Sugesh R.G.J.	Design and performance analysis of eight channel demultiplexer using 2D photonic crystal with trapezium cavity	Journal of Optics (United Kingdom)	25	6			2.077	10.1088/2040-8986/acceb3
2061	Angurala M., Khullar V.	Federated learning based privacy preserved English accent training ecosystem for people with Indian language accent	Entertainment Computing	46				2.072	10.1016/j.entcom.2023.100572
2062	Dhanesh E., Shanmugasundaram M.	Prospective utilisation of hydrated lime as a performance enhancer in concrete	Materials Science and Technology (United Kingdom)					2.06	10.1080/02670836.2023.2188671

2063	Ezhilmaran V., Suya Prem Anand P., Kannan S., Sivashanmugam N., Jayakrishna K., Kalusuraman G.	Review of bioresorbable AZ91, AZ31 and Mg–Zn–Ca implants and their manufacturing methods	Materials Science and Technology (United Kingdom)	39	8	901	925	2.06	10.1080/02670836.2022.2153207
2064	Gecil Evangeline T., Raja Annamalai A., Ctibor P.	Dielectric Response and Low Dielectric Loss of Gadolinium-Doped CaCu ₃ Ti ₄ O ₁₂ Ceramics Processed Through Conventional and Microwave Sintering	Journal of Electronic Materials					2.047	10.1007/s11664-023-10341-w
2065	Nandagopal S., Chokkalingam L.N.	External rotor permanent magnet-less electric motors for traction application: a review	International Journal of Vehicle Design	90	01-Apr	142	195	2.037	10.1504/IJVD.2022.129172
2066	Prabu S.S., Muthu S.M., Sujai S., Ramkumar K.D., Beemkumar N., Kariappan E.	Failure Assessment and High-Temperature Corrosion Behavior of Inconel 625 Welds in Simulated K ₂ SO ₄ + 60% NaCl Boiler Environment	Journal of Materials Engineering and Performance					2.036	10.1007/s11665-023-07923-4
2067	Kumari A., Zaman M., Kumar A., Singh V.R., Ghosh A., Sahoo S.K., Rahaman A., Mandal S.K., Bhunia S.	An Alternative Approach to Study Photo-catalytic Behavior of TiO ₂ Using Synchrotron-Based Advanced Spectroscopic Techniques	Journal of Materials Engineering and Performance					2.036	10.1007/s11665-023-07876-8

2068	Abraham J., Shetty M., Suresh A., Jeevanantham A.K., Jeeva P.A., Oyyaravelu R., Abraham J.	Anticorrosive Property of Aluminum Chloride Nanoparticles on Microbial-Induced Corrosion on Aluminum Workpiece	Journal of Materials Engineering and Performance					2.036	10.1007/s11665-023-07814-8
2069	Kumar G.R., Rajyalakshmi G., Swaroop S., Vignesh M., Kumar M.S., Deng J.	Metallographic Characterization of Laser Peened Ti6Al4V Subjected to Hydrogen Charging	Journal of Materials Engineering and Performance					2.036	10.1007/s11665-023-08099-7
2070	Madesh R., Kumar K.G.	Development of Metallurgical and Mechanical Properties of Nickel-Based Superalloy Employed by Wire Arc Additive Manufacturing Technique	Journal of Materials Engineering and Performance					2.036	10.1007/s11665-023-08399-y
2071	Atta S., NarendraKumar U., Kumar K.V.A.N.P.S., Yadav D.P., Dash S.	Recent Developments and Applications of TiN-Based Films Synthesized by Magnetron Sputtering	Journal of Materials Engineering and Performance					2.036	10.1007/s11665-023-08273-x
2072	Kavitha Preethi R., Kannadasan S., Shanmugam P.	Azomethine ylide [3 + 2]-cycloaddition of 3-alkylidene-7-aza-2-indolone: Synthesis of 3,3'-dispiropyrrolidine- and 3,3'-dispiropyrrrolizidine bis 7-aza-2-oxindoles	Tetrahedron Letters	120				2.032	10.1016/j.tetlet.2023.154448
2073	Aravindraaj K., Hari Prakash S., Roopan S.M.	Recent progress in photoinduced iron-catalyzed coupling reactions	Tetrahedron Letters					2.032	10.1016/j.tetlet.2023.154544

2074	Roy S.S., Hsu C.-H., Samaran A., Goyal R., Pande A., Balas V.E.	Vessels Segmentation in Angiograms Using Convolutional Neural Network: A Deep Learning Based Approach	CMES - Computer Modeling in Engineering and Sciences	136	1	241	255	2.027	10.32604/cmcs.2023.019644
2075	Chen C.-M., Zhang Z., Wu J.M.-T., Lakshmana K.	High Utility Periodic Frequent Pattern Mining in Multiple Sequences	CMES - Computer Modeling in Engineering and Sciences	137	1	733	759	2.027	10.32604/cmcs.2023.027463
2076	Vemanaboina H., Babu M.M., Prerana I.C., Gundabattini E., Yelamasetti B., Saxena K.K., Salem K.H., Khan M.I., Eldin S.M., Agrawal M.K.	Evaluation of residual stresses in CO2 laser beam welding of SS316L weldments using FEA	Materials Research Express	10	1			2.025	10.1088/2053-1591/acb0b5
2077	Kothandam S., Swamiappan S.	Effect of various fuels used in combustion synthesis on the bioactivity of akermanite	Materials Research Express	10	1			2.025	10.1088/2053-1591/acb1f5
2078	Vijaya B., Rani M.U., Babu R.S.	Study on plasticized Poly (vinylidene chloride- co-acrylonitrile) polymer electrolytes for battery applications	Materials Research Express	10	5			2.025	10.1088/2053-1591/acd326
2079	Remya K.R., Giriprasad M.N., Sudhakar M.S.	A Localized Feature Description Means Assisting Diabetic Macular Edema Detection and Classification	Wireless Personal Communications					2.017	10.1007/s11277-023-10264-z

2080	Sujatha R., Radovic V.	Security Enhancement of Joint Procedure Based on Improved Elliptic Curve Cryptography in LoRaWAN	Wireless Personal Communications					2.017	10.1007/s11277-022-10095-4
2081	Kumar P.T.V., Naidu K.V., Reddy P.V., Hoque S.	Performance Analysis of Pool-Based Spectrum Handoff in Cognitive Radio Networks	Wireless Personal Communications					2.017	10.1007/s11277-023-10441-0
2082	Pavithra R., Arivudainambi D.	Coverage-Aware Sensor Deployment and Scheduling in Target-Based Wireless Sensor Network	Wireless Personal Communications					2.017	10.1007/s11277-023-10292-9
2083	Priyadharshini A.S., Arvind C., Karthikeyan M.	Novel ENG Metamaterial for Gain Enhancement of an Offset Fed CPW Concentric Circle Shaped Patch Antenna	Wireless Personal Communications					2.017	10.1007/s11277-023-10390-8
2084	Krishnasamy K.G., Periasamy S., Periasamy K., Prasanna Moorthy V., Thangavel G., Lamba R., Muthusamy S.	A Pair-Task Heuristic for Scheduling Tasks in Heterogeneous Multi-cloud Environment	Wireless Personal Communications					2.017	10.1007/s11277-023-10454-9
2085	Srikanth B., Ravindra J.V.R., Ramakrishna P., Ajitha D.	Design and Implementation of Power-Efficient Cryptography Scheme Using a Novel Multiplication Technique	Wireless Personal Communications					2.017	10.1007/s11277-023-10427-y
2086	Akula V.K., Ravi Prakash Reddy I., Anny Leema A., Kadiyala R., Dugyala R., Prasanna K.	Energy Aware Priority Based Event Routing Protocol Using TDMA Communication for Internet of Things	Wireless Personal Communications					2.017	10.1007/s11277-023-10513-1

2087	Cuce P.M., Saxena A., Cuce E., Yilmaz Y.N., Shaik S., Guo S.	Thermodynamic Performance Analysis of a Low-Cost, Recycled and Energy-Efficient Solar Air Heater with Waste Beverage Cans: An Experimental Research	Journal of Thermal Science					2.013	10.1007/s11630-023- 1807-x
2088	Ramamurthy K., Muthuswamy A., Mathimariappan N., Kathiresan G.S.	A novel two-staged network for skin disease detection using atrous residual convolutional networks	Concurrency and Computation: Practice and Experience					2	10.1002/cpe.7834
2089	Rajasekaran U., Kothandaraman M.	Comparative Analysis of Machine Learning and Deep Learning Based Water Pipeline Leak Detection Using EDFL Sensor	Journal of Pipeline Systems Engineering and Practice	14	4			2	10.1061/JPSEA2.PSE NG-1439
2090	Chakrapani G., Sugumaran V.	Health Monitoring of Dry Clutch System Using Deep Learning Approach	Intelligent Automation and Soft Computing	37	2	1513	1530	2	10.32604/iasc.2023. 034597
2091	Vivek T., Balaji K.	Influence of cooling surface area on indoor air and surface heat transfer characteristics of a thermally activated building system in warm and humid zones: An Experimental study	Journal of Building Physics					2	10.1177/174425912 31177428

2092	Vijayakumar A., Stonier A.A., Peter G., Vignesh E., Ganji V.	Machine learning based model predictive control for grid connected enhanced switched capacitor cross-connected switched multi-level inverter (ESC3SMLI)	IET Power Electronics					2	10.1049/pel2.12546
2093	Jithendra T., Sharief Basha S., Das R., Gajjela R.	Modeling and optimization of WEDM of monel 400 alloy using ANFIS and snake optimizer: A comparative study	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science					2	10.1177/09544062231187207
2094	Tewari N., Paul N., Jayaraman M., Prabhakar M.	Reconfigurable high step-up DC to DC converter for microgrid applications	IET Power Electronics					2	10.1049/pel2.12557
2095	Shrivatsaan M M., GB N., Palka R., Wardach M., Prajzencanc P., Gundabattini E., Singh R.R., Gnanaraj S D.	Performance analysis of electric motors, comparing lightweight techniques and cooling methods: A review	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science					2	10.1177/09544062231181812
2096	Johnson M., Raja M.M., Vijayakumar V., Shukla A., Nisar K.S., Jahanshahi H.	Optimal control results for impulsive fractional delay integrodifferential equations of order $1 < r < 2$ via sectorial operator	Nonlinear Analysis: Modelling and Control	28	3	468	490	2	10.15388/namc.2023.28.31721

2097	Akula N.K., Sharief Basha S.	Association Coefficient Measure of Intuitionistic Fuzzy Graphs with Application in Selecting Best Electric Scooter for Marketing Executives	Journal of Intelligent and Fuzzy Systems	44	5	7845	7854	2	10.3233/JIFS-222510
2098	Alshammari N.K., Qazi E.U.H., Gabr A.M., Alzamil A.A., Alshammari A.S., Albadran S.M., Reddy G.T.	Post-stroke rehabilitation optimization recommendation framework using tele-robotic ecosystem: Industry 4.0 readiness approach	Journal of Intelligent and Fuzzy Systems	44	5	8773	8783	2	10.3233/JIFS-221295
2099	Nahid T., Alam P., Choi J.	Matrix Approaches for Gould–Hopper–Laguerre–Sheffer Matrix Polynomial Identities	Axioms	12	7			2	10.3390/axioms12070621
2100	Reddy A.S., Rajamani S., Chamkha A.J., Srinivas S., Jagadeshkumar K.	MHD flow of non-Newtonian ferro nanofluid between two vertical porous walls with Cattaneo–Christov heat flux, entropy generation, and time-dependent pressure gradient	Nonlinear Analysis: Modelling and Control	28	4	655	671	2	10.15388/namc.2023.28.32127
2101	Johnson M., Kavitha K., Chalishajar D., Malik M., Vijayakumar V., Shukla A.	An analysis of approximate controllability for Hilfer fractional delay differential equations of Sobolev type without uniqueness	Nonlinear Analysis: Modelling and Control	28	4	632	654	2	10.15388/namc.2023.28.32118
2102	Abdul Lathif S.I., Cruz Antony J., Noel Jeygar Robert V., Aishwarya D.	Optimize and analysis of drilling PMSM using hybrid technique based on BN, FFT, FCE, and FMA for risk assessment	Journal of Intelligent and Fuzzy Systems	44	6	9281	9295	2	10.3233/JIFS-224462

2103	Kalaivani K., Kshirsagarr P.R., Sirisha Devi J., Bandela S.R., Colak I., Nageswara Rao J., Rajaram A.	Prediction of biomedical signals using deep learning techniques	Journal of Intelligent and Fuzzy Systems	44	6	9769	9782	2	10.3233/JIFS-230399
2104	Pavithra R., Ramachandran P.	Deep convolution neural network for machine health monitoring using spectrograms of vibration signal and its EMD-intrinsic mode functions	Journal of Intelligent and Fuzzy Systems	44	6	8827	8840	2	10.3233/JIFS-223012
2105	Upendra Raju K., Amutha Prabha N.	Data hiding steganography model based on hyper chaos 2D compressive sensing inhabited with manchester encoder/decoder using circular queue exploiting modification direction	Journal of Intelligent and Fuzzy Systems	44	6	10357	10367	2	10.3233/JIFS-223131
2106	Leena Rosalind Mary G., Deepa G.	First Zagreb index of fuzzy transformation graphs	Journal of Intelligent and Fuzzy Systems	44	5	7169	7180	2	10.3233/JIFS-221781
2107	Verma M., Routray S., Sahoo G.S., Mishra G.P.	Optimization of a-Si Thin-Film Solar-Cell Performance with Passivation and c-Si Cap Layer	Physica Status Solidi (A) Applications and Materials Science					2	10.1002/pssa.20230 0213
2108	Chandana Mani R.K., Kamalakannan J.	Computer-aided diagnosis using white shark optimizer with attention-based deep learning for breast cancer classification	Journal of Intelligent and Fuzzy Systems	45	2	2641	2655	2	10.3233/JIFS-231776

2109	Beham A.R., Thanikaiselvan V.	A deep-learning enhanced algorithm for the automated detection of diabetic retinopathy	International Journal of System Assurance Engineering and Management					2	10.1007/s13198-023-02054-4
2110	Vimala Devi M.R., Kalaivani S.	A Novel Fuzzy Inference System-Based Endmember Extraction in Hyperspectral Images	Intelligent Automation and Soft Computing	37	2	2459	2476	2	10.32604/iasc.2023.038183
2111	Subramanyam Reddy A., Thamizharasan T., Rushi Kumar B., Ramachandra Prasad V., Jagadeshkumar K.	A comparative study on pulsating flow of Au + SWCNT/blood and Au + MWCNT/blood based Jeffrey hybrid nanofluid in a vertical porous channel with entropy generation	Numerical Heat Transfer; Part A: Applications					2	10.1080/10407782.2023.2226349
2112	Priya M., Bala Anki Reddy P.	Entropy analysis along thermophoretic particle deposition on nanofluid flow through different geometries with thermal radiation	Numerical Heat Transfer; Part A: Applications					2	10.1080/10407782.2023.2226821
2113	Kwatra N., Abraham J.	Mycoremediation of pretilachlor and its metabolite by Aspergillus ficuum	Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes	58	6	489	499	2	10.1080/03601234.2023.2232276

2114	Antony A., Karuppasamy R.	An integrated machine learning-based virtual screening strategy for biological weeding in maize field: a case study with HPPD	Journal of Plant Diseases and Protection					2	10.1007/s41348-023-00784-y
2115	Menaka R., Karthik R., Saranya S., Niranjan M., Kabilan S.	An Improved AlexNet Model and Cepstral Coefficient-Based Classification of Autism Using EEG	Clinical EEG and Neuroscience					2	10.1177/15500594231178274
2116	Alharbi A.G., Shafi N.	Design, fabrication and characterization of circular ZnO TFT for UV detection applications	Microelectronics Journal	131				1.992	10.1016/j.mejo.2022.105648
2117	Kumar A., Punetha D., Pandey S.K.	Computational modeling and analysis of a chemical gas sensor utilizing WO3 thin films for NO2 detection	Journal of Computational Electronics					1.983	10.1007/s10825-023-02011-1
2118	Kumar S.S., Kumar S.K.A., Kumar R.S., Revathi S.K., Bhargavi P.S.	A comparative performance evaluation of cephalosporin's drugs for fluoride recognition	Analytical Sciences					1.967	10.1007/s44211-022-00263-8
2119	Paramane A., Awais M., Chandrasekaran T., Junaid M., Nazir M.T., Chen X.	A Review on Insulation and Dielectrics for High Temperature Superconducting Cables for Power Distribution: Progress, Challenges, and Prospects	IEEE Transactions on Applied Superconductivity			1	32	1.949	10.1109/TASC.2023.3267055

2120	Kunasekaran M., Paulraj M.K., Rhee S.H., Venkatesan N., Samad A.	Capturing downstream wake of a marine current turbine by URANS and SST-IDDES	Journal of Marine Science and Technology (Japan)					1.947	10.1007/s00773-023-00941-w
2121	Augustine T., Roy S., Sahaya Vijay J., Maria Thomas J., Shanmugam P.	Topological study on degree based molecular descriptors of fullerene cages	Molecular Physics					1.937	10.1080/00268976.2023.2179858
2122	Manimaran R.	Numerical analysis and performance assessment of trapezoidal oscillating water columns	Ships and Offshore Structures					1.934	10.1080/17445302.2023.2173460
2123	Rajyalakshmi V., Lakshmana K.	Detection of car parking space by using Hybrid Deep DenseNet Optimization algorithm	International Journal of Network Management					1.914	10.1002/nem.2228
2124	Dixit V., Kumar A.	Error performance of an L-PPM modulated ADR-based MIMO-VLC system with and without channel estimation error	Applied Optics	62	10	2501	2509	1.905	10.1364/AO.478994
2125	Kumar D., Rakshit J.K., Biswas U., Bhatnagar A., Nayak C.	Photonic-crystal-based high-performance ring resonator using a topological interface state: design and analysis	Applied Optics	62	16	4281	4287	1.905	10.1364/AO.486832
2126	Nathezhtha T., Sangeetha D., Vaidehi V.	Social network malicious insider detection using time-based trust evaluation	Annales des Telecommunications/Annals of Telecommunications					1.901	10.1007/s12243-023-00959-6

2127	Singh A., Prakash K., Manda P.A., Sona D.R., Das R.R.	Development of an Autonomous UAS for on Air Surveillance and Object Detection: A Real Execution	Journal of Electrical Engineering and Technology					1.9	10.1007/s42835-023-01573-1
2128	Sadasivan S., Arumugam S.K., Jishnu Chandran R., Aggarwal M.C.	Effects of influencing factors on the performance and morphology of shock waves in ejectors: A review	International Journal of Modern Physics C					1.9	10.1142/S0129183123501425
2129	Noora V.T., Jinny S.V.	Software Defined Networking Controller (SDNC): a robust security architecture for SDN-based 5G networks	Automatika	64	4	1080	1088	1.9	10.1080/00051144.2023.2241770
2130	James K.I.A., Manjula P., Priya G.G., Karthikeyan A.	Energy efficient optimal hop transmission using minimum power least cost algorithm in cooperative routing for wireless sensor network	Automatika	64	4	1054	1066	1.9	10.1080/00051144.2023.2246242
2131	Kalaiarasu S., Natarajan S.	Multi-Level Active EMI Filter for Conducted EMI Noise Mitigation for TSCB Converter in EV Applications	Iranian Journal of Science and Technology - Transactions of Electrical Engineering					1.89	10.1007/s40998-023-00607-8
2132	Chandra Das G., Saha S., Bhowmick A., Maity S.P.	Throughput analysis in censoring-based cooperative cognitive radio network with energy harvesting	International Journal of Communication Systems					1.882	10.1002/dac.5431

2133	Kavitha A., Guravaiah K., Leela Velusamy R., Suseela S., Kumar D., V	DR-NAP: Data reduction strategy using neural adaptation phenomenon in wireless sensor networks	International Journal of Communication Systems					1.882	10.1002/dac.5467
2134	Hemanth C., Sangeetha R.G., Jaiswal I.	Performance of orthogonal frequency division multiplexing based M-ary quadrature amplitude modulation in asymmetrical dual-hop mixed RF-FSO transmission system	International Journal of Communication Systems					1.882	10.1002/dac.5497
2135	Chandra A., Kumar R.	Development of wideband CPW-fed hexagon-shaped circularly polarized slot antenna for wireless-communications	International Journal of Communication Systems					1.882	10.1002/dac.5503
2136	Chauhan S., Gupta A., Velmurugan T., Nandakumar S.	Efficient resource allocation algorithms for multihop D2D approach in 5G network	International Journal of Communication Systems					1.882	10.1002/dac.5520
2137	Kangeyan R., Karthikeyan M.	A novel wideband fractal-shaped MIMO antenna for brain and skin implantable biomedical applications	International Journal of Communication Systems					1.882	10.1002/dac.5509
2138	Baskar N., Selvaprabhu P.	Selective interference alignment and neutralization in coordinated multipoint using multiuser MIMO	International Journal of Communication Systems					1.882	10.1002/dac.5547

2139	Das P., Singh M., Karras D.A., Roy D.G.	Block-A-City: An Agricultural Application Framework Using Blockchain for Next-Generation Smart Cities	IETE Journal of Research					1.877	10.1080/03772063.2022.2162982
2140	Koushik C.P., Vetrivelan P., Chang E.	Markov Chain-based Mobility Prediction and Relay-node Selection for QoS Provisioned Routing in Opportunistic Wireless Network	IETE Journal of Research					1.877	10.1080/03772063.2023.2178534
2141	Dhanamjayulu C., Sanjeevikumar P., Prasad D., Khasim S.R., Blaabjerg F., Fellow IETE	A New 29-Level Switched-Diode Multilevel Inverter with Optimal Device Count	IETE Journal of Research					1.877	10.1080/03772063.2023.2175051
2142	P S., Sofana Reka S.	A Deep Belief Network Model for Automatic Atrial Fibrillation Detection	IETE Journal of Research					1.877	10.1080/03772063.2023.2167739
2143	S P., Augusta Sophy Beulet P.	Improved Precision Crop Yield Prediction Using Weighted-Feature Hybrid SVM: Analysis of ML Algorithms	IETE Journal of Research					1.877	10.1080/03772063.2023.2192000
2144	Venkatachalam N., Shanmugam L., Heltin Genitha C., Kumar S.	Automated Breast Boundary Segmentation to Improve the Accuracy of Identifying Abnormalities in Breast Thermograms	IETE Journal of Research					1.877	10.1080/03772063.2023.2194277

2145	Aneesh Y.M., Bindu B.	Comparative Analysis of Single Event Transients in InGaAs-OI/Bulk/BOI FinFETs for SET-Tolerant InGaAs/Ge-OI Complementary FinFET Circuits	IETE Journal of Research					1.877	10.1080/03772063.2023.2204836
2146	Anushalini T., Sri Revathi B.	Role of Machine Learning Algorithms for Wind Power Generation Prediction in Renewable Energy Management	IETE Journal of Research					1.877	10.1080/03772063.2023.2205838
2147	Yuvapriya T., Lakshmi P., Fahira Haseen S.	Vibration Control and Ride Comfort Analysis of a Full Car with a Driver Model Using Big-Bang Big-Crunch Optimized FLC	IETE Journal of Research					1.877	10.1080/03772063.2023.2220671
2148	Dey S., Roy S., Karaca F.	Geometry of almost contact metrics as a *-conformal Ricci-Yamabe solitons and related results	International Journal of Geometric Methods in Modern Physics					1.873	10.1142/S0219887823501463
2149	Williams W.K., Kumar V., Nisar K.S., Shukla A.	Atangana-Baleanu Semilinear Fractional Differential Inclusions With Infinite Delay: Existence and Approximate Controllability	Journal of Computational and Nonlinear Dynamics	18	2			1.872	10.1115/1.4056357
2150	Sathianesan G.W., Gnanavel S., Salini R., Raji V., Vijay Anand R., Uddin M.S.	Detection and Counter Measure of Packet Misrouting by GPS-Free Positioning of Ad-Hoc Nodes	Mobile Information Systems	2023				1.863	10.1155/2023/1029875

2151	Subramani S., Selvi M., Kannan A., Santhosh Kumar S.	Review of Security Methods Based on Classical Cryptography and Quantum Cryptography	Cybernetics and Systems					1.859	10.1080/01969722.2 023.2166261
2152	Ramamurthy K., Thekkath R.D., Batra S., Chattopadhyay S.	A novel deep learning architecture for disease classification in Arabica coffee plants	Concurrency and Computation: Practice and Experience					1.831	10.1002/cpe.7625
2153	Chithanuru V., Ramaiah M.	An anomaly detection on blockchain infrastructure using artificial intelligence techniques: Challenges and future directions – A review	Concurrency and Computation: Practice and Experience					1.831	10.1002/cpe.7724
2154	Velusamy P., Periasamy K., Gurusamy S., Kuppusamy S.	Modeling a novel heuristic model for handling vehicle routing using multiobjective optimization	Concurrency and Computation: Practice and Experience					1.831	10.1002/cpe.7694
2155	Perumal K., Arockiasamy K.	Optimized deep neural network based DDoS attack detection and bait mitigation process in software defined network	Concurrency and Computation: Practice and Experience					1.831	10.1002/cpe.7692
2156	Mangayarkarasi R., Vanmathi C., Ravi V.	A robust malware traffic classifier to combat security breaches in industry 4.0 applications	Concurrency and Computation: Practice and Experience					1.831	10.1002/cpe.7772

2157	Ashok B., Kannan C., Deepak C., Ramesh R., Narendhra T.M.V., Farrag M.E., Ashok S.D., Vignesh R., Saiteja P., Kavitha C.	Model based integrated control strategy for effective brake energy recovery to extend battery longevity in electric two wheelers	Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering					1.828	10.1177/09544070231167616
2158	Karthikeyan K.R., Cho N.E., Murugusundaramoort hy G.	On Classes of Non-Carathéodory Functions Associated with a Family of Functions Starlike in the Direction of the Real Axis	Axioms	12	1			1.824	10.3390/axioms12010024
2159	Swaminathan D., Rajagopalan A.	Multi-Objective Golden Flower Optimization Algorithm for Sustainable Reconfiguration of Power Distribution Network with Decentralized Generation	Axioms	12	1			1.824	10.3390/axioms12010070
2160	Alshamrani A., Majumder P., Das A., Hezam I.M., Božanić D.	An Integrated BWM-TOPSIS-I Approach to Determine the Ranking of Alternatives and Application of Sustainability Analysis of Renewable Energy	Axioms	12	2			1.824	10.3390/axioms12020159
2161	El-Deeb S.M., Murugusundaramoort hy G., Vijaya K., Alburaikan A.	Pascu-Rønning Type Meromorphic Functions Based on Sălăgean-Erdély-Kober Operator	Axioms	12	4			1.824	10.3390/axioms12040380

2162	Lakshmi M., Das R.	Performance evaluation of CNN-based crack detection for electrical discharge machined steel surfaces	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					1.822	10.1177/09544089221146464
2163	Konuru S.L.K., V U., Sarkar B., Sarma A.	Effect of tantalum addition on the mechanical properties of tungsten/tantalum composite thin films	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					1.822	10.1177/09544089231151572
2164	Arun Balaji P., Sugumaran V.	Fault detection of automobile suspension system using decision tree algorithms: A machine learning approach	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					1.822	10.1177/09544089231152698
2165	Govindasamy G., Bangalore R.K.	Heat and mass transfer in thin film flow of Casson nanofluid over an unsteady stretching sheet	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					1.822	10.1177/09544089221150727

2166	Jakeer S., Reddy P.B.A.	Stability analysis of electrical magneto hydrodynamic stagnation point flow of Ag-Cu/water hybrid nanofluid over a permeable stretching/shrinking slendering sheet: Entropy generation	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					1.822	10.1177/09544089231153356
2167	Anand R., Padmanabhan R.	An integrated ANN and design of experiments technique to optimize the FSW input parameters of novel interlock lap weld	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					1.822	10.1177/09544089221146879
2168	Vinodh Kumar P., Obulesu Y.P.	Solar thermal energy on the convective transport in microchannel with exponential heat sink	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					1.822	10.1177/09544089231160001
2169	Chouhan G., Bala Murali G.	Designs, advancements, and applications of three-dimensional printed gyroid structures: A review	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					1.822	10.1177/09544089231160030

2170	Gnanaprasanna K., Govindaraj N., Govindhasamy I., Singh A.K., Shukla P.	Analysis of magnetohydrodynamic nanofluid flow over irregular boundaries of Riga plate with thermal radiation and suction/injection	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					1.822	10.1177/09544089231163031
2171	Agrawal A., Gupta G., Pati P.R., Nayak S.K.	Dry-sliding wear analysis and prediction using response surface method and fuzzy logic for Kota stone dust–fly ash–epoxy hybrid composites	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					1.822	10.1177/09544089231158902
2172	Khade V., Wuppulluri M.	Structural and electrical aspects of microwave sintered (Ba _{1-x} CaxSn _{0.09} Ti _{0.91}) O ₃ ceramics	Journal of Electroceramics					1.814	10.1007/s10832-023-00319-9
2173	Dakshina Murthy N., Arumugam K., Palaniyandi T., Chandrasekaran S., Chandran K.	Impact of Mn ²⁺ substitution on physical and antibacterial properties of ZnFe ₂ O ₄ nanoparticles	Bulletin of Materials Science	46	3			1.8	10.1007/s12034-023-02987-3
2174	Chandra P., Das R.	Finite-element-based machine-learning algorithm for studying gyrotactic-nanofluid flow via stretching surface	International Journal for Numerical Methods in Fluids					1.8	10.1002/flid.5229

2175	Govindasamy S., Balapattabi S.R., Kaliappan B., Badrinarayanan V.	Energy management in microgrids using IoT considering uncertainties of renewable energy sources and electric demands: GBDT-JS approach	Electrical Engineering					1.8	10.1007/s00202-023-01947-8
2176	Ravi V., Desikan K., Chidambaram N.	On computation of neighbourhood degree sum-based topological indices for zinc-based metal-organic frameworks	Main Group Metal Chemistry	46	1			1.8	10.1515/mgmc-2022-8043
2177	Muthu S.M., Veeman D., Paul S., Prem Kumar M.	Cyclic oxidation and hot corrosion performance of direct metal laser sintered and wrought alloy 718 at 800°C in air and molten salts containing Na ₂ SO ₄ , V ₂ O ₅ and NaCl	Corrosion Engineering Science and Technology					1.8	10.1080/1478422X.2023.2244236
2178	Selvan K., Balakrishnan S.	Mirror symmetry in the geometry of nonlocal two-qubit gates and universal two-qubit quantum circuits	European Physical Journal D	77	7			1.8	10.1140/epjd/s10053-023-00717-2
2179	Athira K., Shanmugapriya T.	Investigation on Properties and Heavy Metal Ion Extraction of Thermally Activated Red Mud Incorporated Cement Mortar	Polish Journal of Environmental Studies	32	5	3959	3970	1.8	10.15244/pjoes/162550

2180	Jayakumar T., Ramani G., Jamuna P., Ramraj B., Chandrasekaran G., Maheswari C., Stonier A.A., Peter G., Ganji V.	Investigation and validation of PV fed reduced switch asymmetric multilevel inverter using optimization based selective harmonic elimination technique	Automatika	64	3	441	452	1.790	10.1080/00051144.2023.2173121
2181	Shaik A., Masilamani V.	Zero watermarking scheme for privacy protection in e-Health care	Automatika	64	3	453	466	1.790	10.1080/00051144.2023.2187525
2182	Ahmed S.E., Reddy P.B.A., Jakeer S., Rashad A.M., Salah T.	MAGNETIC CONVECTION-RADIATION INTERACTION IN WAVY POROUS TRIANGULAR CONTAINERS USING HYBRID NANOFLUIDS: ENTROPY ANALYSIS	Journal of Porous Media	26	5	79	99	1.782	10.1615/JPORMEDIA.2022043523
2183	Parthiban S., Prasad V.R.	THERMAL RADIATION AND HALL CURRENT EFFECTS IN A MHD NON-DARCY FLOW IN A DIFFERENTIALLY HEATED SQUARE ENCLOSURE – LATTICE BOLTZMANN SIMULATION	Journal of Porous Media	26	5	37	56	1.782	10.1615/JPORMEDIA.2022044054
2184	Singh M.K., Rahul A.K., Saha S., Negi A., Das S., Raut S.	Mathematical analysis of dynamic phenomena of moving load on a gravitational elastic plate resting on water medium	Indian Journal of Physics					1.778	10.1007/s12648-023-02679-y
2185	Reddy S.R.R., Jakeer S., Rupa M.L.	ANN model of three-dimensional micropolar dusty hybrid nanofluid flow with coriolis force: biomedical applications	Indian Journal of Physics					1.778	10.1007/s12648-023-02737-5

2186	Divya A., Bala Anki Reddy P.	Entropy-optimized melting heat transport of Casson-Williamson hybrid nanofluid with blood-mediated nanoparticles over a rotating disk	Indian Journal of Physics					1.778	10.1007/s12648-023-02768-y
2187	Padmaja K., Rushi Kumar B.	Viscous dissipation and chemical reaction effects on MHD nanofluid flow over a vertical plate in a rotating system	ZAMM Zeitschrift für Angewandte Mathematik und Mechanik					1.759	10.1002/zamm.202200471
2188	Roy A.K., Debnath S., Bég O.A.	Transient solute dispersion in electro-osmotic viscoplastic flow in a microchannel	ZAMM Zeitschrift für Angewandte Mathematik und Mechanik					1.759	10.1002/zamm.202200260
2189	Prashar P., Ojjela O., Kambhatla P.K.	Impact of needle size and distinct flow conditions on thermal performance of TiO ₂ -MWCNTs hybrid nanofluid flow past thin needle using Casson fluid model	ZAMM Zeitschrift für Angewandte Mathematik und Mechanik					1.759	10.1002/zamm.202100456
2190	Babu D.H., Reddy S.H., Naidu K.K., Narayana P.V.S., Venkateswarlu B.	Numerical investigation for entropy-based magneto nanofluid flow over non-linear stretching surface with slip and convective boundary conditions	ZAMM Zeitschrift für Angewandte Mathematik und Mechanik					1.759	10.1002/zamm.202300006
2191	Sakthivel S., Shukla P.	Motion through a viscous liquid sphere enclosed by a solid core embedded into a Brinkman medium	ZAMM Zeitschrift für Angewandte Mathematik und Mechanik					1.759	10.1002/zamm.202200601

2192	Saiteja P., Ashok B., Hadhi A., Kiran A., Gopikrishnan N.	Effects of multiple fuel injection schedules and LPG energy share on combustion stability and output characteristics of dual-fuel HCCI engine	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science					1.758	10.1177/095440622 21147403
2193	Prem Kumar M., Manikandan M.	Effect of sodium sulfate-diatomite eutectic mixture functionalized on Inconel 617 and 625 alloys surface a comparative study	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science					1.758	10.1177/095440622 21148886
2194	Arivendan A., Jebas Thangiah W.J., Das R., Ahamad D., Chithra G.K.	Effect of water hyacinth (Eichhornia crassipes) plant into water bodies and its composite materials for commercial applications	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science					1.758	10.1177/095440622 31166829
2195	Pradhan P., Purohit A., Mohanty I., Jena H., Sahoo B.B.	Erosion wear analysis of coconut shell dust filled epoxy composites using computational fluid dynamics and Taguchi method	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science					1.758	10.1177/095440622 31167674

2196	Dhanasekaran A., Suresh G., Perumal I., Priyadarshini N., Dhanaraj K., Vimalathithan R.M.	Bio-waste derived hydroxyapatite nano rods for U(VI) uptake from aqueous medium	Journal of Radioanalytical and Nuclear Chemistry					1.754	10.1007/s10967-023- 08976-4
2197	Perumal G., Govindan K., Jayaram A., Sundaramoorthi S., Lin W.-Y.	Preliminary investigation on biological possessions of Saquinavir-modified quinoline- derived azadipeptidomimetics	Journal of the Chinese Chemical Society	70	2	145	158	1.753	10.1002/jccs.202200 504
2198	Sundaramurthy S., Sugumaran V., Thangavelu A., Sekaran K.	Predicting rheumatoid arthritis from the biomarkers of clinical trials using improved harmony search optimization with adaptive neuro-fuzzy inference system	Journal of Intelligent and Fuzzy Systems	44	1	125	137	1.737	10.3233/JIFS-221252
2199	Perumal B., Ganeshan A., Jayagopalan S., Preetha K.S., Selamban R., Elangovan D., Balasubramani S.	Real time multi view image based FPC plant management with SS data security and low rate attack detection for efficient smart agriculture in WSN	Journal of Intelligent and Fuzzy Systems	44	1	91	100	1.737	10.3233/JIFS-220594
2200	Gobinath C., Gopinath M.P.	Attention aware fully convolutional deep learning model for retinal blood vessel segmentation	Journal of Intelligent and Fuzzy Systems	44	4	6413	6423	1.737	10.3233/JIFS-224229
2201	Jansi Rani J., Dhanasekar S., Micheal D.R., Manivannan A.	On solving fully intuitionistic fuzzy transportation problem via branch and bound technique	Journal of Intelligent and Fuzzy Systems	44	4	6219	6229	1.737	10.3233/JIFS-221345

2202	Swethaa S., Felix A.	An intuitionistic dense fuzzy AHP-TOPSIS method for military robot selection	Journal of Intelligent and Fuzzy Systems	44	4	6749	6774	1.737	10.3233/JIFS-223622
2203	Stephen M., Felix A.	Fuzzy AHP point factored inference system for detection of cardiovascular disease	Journal of Intelligent and Fuzzy Systems	44	4	6655	6684	1.737	10.3233/JIFS-223048
2204	Pavithra S., Manimaran A.	Uncertainty measure for Z-soft covering based rough graphs with application	Journal of Intelligent and Fuzzy Systems	44	4	5789	5802	1.737	10.3233/JIFS-223678
2205	Gomathi S.V., Jayalakshmi M.	Optimization of fuzzy K-objective fractional assignment problem using fuzzy programming model	Journal of Intelligent and Fuzzy Systems	44	4	6425	6433	1.737	10.3233/JIFS-223312
2206	Kiran Prabha M., Punitha Kumar A.	Study on a Stiffened Circular Steel Hollow Section Under Axial Compression	Iranian Journal of Science and Technology - Transactions of Civil Engineering					1.7	10.1007/s40996-023-01163-1
2207	Shobika M., Roopan S.M.	An overview of bismuth tungstate-based catalysts in various organic transformations	Transition Metal Chemistry					1.7	10.1007/s11243-023-00535-w
2208	Gunasekaran V., Chakraborty S.	Technical and environmental aspects of solar photo-voltaic water pumping systems: a comprehensive survey	Water Supply	23	7			1.7	10.2166/ws.2023.165

2209	Rahul A.K., Singh M.K., Paul S., Tiwari R., Rao P.S., Saha S.	Performance analysis of annular disks with non-Newtonian Rabinowitsch fluid model: Influence of squeeze film pressure, surface roughness, porosity and viscosity variation	International Journal of Modern Physics B					1.7	10.1142/S0217979224502680
2210	Vinodh Kumar P., Obulesu Y.P.	Solar thermal energy of Oldroyd-B nanofluidic flow containing gyrotactic microorganisms through interaction of magnetic field	International Journal of Modern Physics B					1.7	10.1142/S0217979224501893
2211	Lakshmi R., Kavitha A.	Peristaltic motion of a Casson nanofluid in a vertical layer with suction and injection	International Journal of Modern Physics B					1.7	10.1142/S0217979224502126
2212	Bhargavi N., Poornima T., Souayah B.	Magnetohydrodynamic conjugate heat transfer analysis on a viscous fluid past a vertical permeable plate	International Journal of Modern Physics B					1.7	10.1142/S0217979224502114
2213	Ajithkumar M., Lakshminarayana P.	Chemically reactive MHD peristaltic flow of Jeffrey nanofluid via a vertical porous conduit with compliant walls under the effects of bioconvection and double diffusion	International Journal of Modern Physics B					1.7	10.1142/S0217979224502035
2214	Juliet Thessalonica D., Khanna Nehemiah H., Sreejith S., Kannan A.	Intelligent Mining of Association Rules Based on Nanopatterns for Code Smells Detection	Scientific Programming	2023				1.672	10.1155/2023/2973250

2215	Suryawanshi A., Behera N.	Prediction of wear of dental composite materials using machine learning algorithms	Computer Methods in Biomechanics and Biomedical Engineering					1.669	10.1080/10255842.2023.2187671
2216	Shankar Narayan S., Bhattacharjee A., Saha S.	CFD analysis of the hyper-viscous effects on blood flow across abdominal aortic aneurysm in COVID patients: multiphysics approach	Computer Methods in Biomechanics and Biomedical Engineering					1.669	10.1080/10255842.2023.2194474
2217	Sathish S., Vasudevan V., Karthik S., Pavan G., Siva R., Manickavasagam M.	Precursor feeding enhances L-Dopa production in hairy root culture of Hybanthus enneaspermus (L.) F.Muell	Biologia					1.653	10.1007/s11756-022-01308-z
2218	Nair S., Abraham J.	Biosynthesis and characterization of yellow pigment from Aspergillus nidulans strain JAS3 isolated from Thirumullavaram, Indian Ocean and its therapeutic activity against clinical pathogens	Biologia					1.653	10.1007/s11756-023-01337-2
2219	Ragavan M.L., Das N.	In vitro and In vivo analysis of probiotic yeasts for dietary supplementation in Indian major carps	Biologia					1.653	10.1007/s11756-023-01441-3
2220	Singh A.K.	A Comparative Study of Stochastic Resonance Phenomenon under Diffusive and Direct Coupling	Fluctuation and Noise Letters					1.652	10.1142/S0219477523500128

2221	Irshad C., Govil D., Sahoo H.	Social frailty among older adults in India: Findings from the Longitudinal Ageing Study in India (LASI)–Wave 1	Experimental Aging Research					1.652	10.1080/0361073X.2023.2195291
2222	Iqbal M., sathiyar P., Stonier A.A., Vanaja D.S., Peter G.	Design of a modular converter in hybrid EV charging station with efficient energy management system	Electrical Engineering					1.63	10.1007/s00202-023-01822-6
2223	Kishor M.H., Madhu Mohan M.L.N.	Experimental realization of constant current device using hydrogen bond ferroelectric liquid crystals	European Physical Journal E	46	2			1.624	10.1140/epje/s10189-023-00264-z
2224	Rengachary Gopalan S., Chandran H., Vijayan N., Yadav V., Mishra S.	A machine learning assisted optical multistage interconnection network: Performance analysis and hardware demonstration	ETRI Journal					1.622	10.4218/etrij.2021-0182
2225	David A., Ramadoss R., Ramachandran A., Sivapatham S.	Activity recognition of stroke-affected people using wearable sensor	ETRI Journal					1.622	10.4218/etrij.2022-0242
2226	Ramalingam R., Saleena B., Basheer S., Balasubramanian P., Rashid M., Jayaraman G.	EECHS-ARO: Energy-efficient cluster head selection mechanism for livestock industry using artificial rabbits optimization and wireless sensor networks	Electronic Research Archive	31	6	3123	3144	1.604	10.3934/era.2023158
2227	Palanivelu S.J., Radhakrishnan S.K., Chandrasekaran K., Barua S., Fayek H.H.	Energy efficient IPC based dual compression for endurance enhancement of NVRAM as main memory in embedded devices	IET Communications	17	11	1310	1320	1.6	10.1049/cmu2.12625

2228	Srikanth A., Mohammed Thalib Basha G., Bolleddu V., Varghese J.T., Thomas B.G., Venugopal A.	Influence of Additives on Characteristics of Thermal Barrier Coatings: A short Review	Transactions of the Indian Institute of Metals					1.6	10.1007/s12666-023- 03014-z
2229	Vijayan K., Vijayachamundeeswar i S.P.	Scrutinizing the effect of substrate temperature and enhancing the multifunctional attributes of spray deposited copper gallium sulfide (CuGaS ₂) thin films	Phase Transitions					1.6	10.1080/01411594.2 023.2238110
2230	Shankar S., Ravi N.D., Sathiavelu M.	Letter to the Editor Antibacterial activity of Calathea insignis	Bangladesh Journal of Pharmacology	18	2	75	76	1.6	10.3329/bjp.v18i2.6 4676
2231	Segaran G., Srinivasan C., Sathiavelu M.	Letter to the Editor: Antibacterial activity of Calathea anulque	Bangladesh Journal of Pharmacology	18	2	77	78	1.6	10.3329/bjp.v18i2.6 4690
2232	Senthilraj K., Rajamurugan G.	Corrosion, Fatigue, and Wear Performance of Friction Stir Welded Aluminum Metal Matrix Composites: A Review	Transactions of the Indian Institute of Metals					1.6	10.1007/s12666-023- 03038-5
2233	Mariadoss S., Augustin F.	Fuzzy entropy DEMATEL inference system for accurate and efficient cardiovascular disease diagnosis	Computer Methods in Biomechanics and Biomedical Engineering					1.6	10.1080/10255842.2 023.2245518

2234	Sarkar D.U., Prakash T.	LSTM based deep neural network model of power system stabilizer for power oscillation damping in multimachine system	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields					1.6	10.1002/jnm.3158
2235	Jayakrishna N., Nagaraju D.	An Investigation on Enhancement of Tensile Strength of AZ91D Hybrid Magnesium Matrix Composites Reinforced with Nano-TiO ₂ and Cerium	Transactions of the Indian Institute of Metals					1.6	10.1007/s12666-023-03055-4
2236	Venkateswara Rao R., Marikkannan S.K.	Experimental Analysis and Weld Joint Characteristics Study on Friction Stir Welded Dissimilar Joints Fabricated by Novel Hybrid Pin Profiles	Transactions of the Indian Institute of Metals					1.6	10.1007/s12666-023-03042-9
2237	Johnson N.N., Madhavadas V., Asati B., Giri A., Hanumant S.A., Shajan N., Arora K.S.	Multi-objective Optimization of Resistance Spot Welding Parameters of BH340 Steel Using Kriging and NSGA-III	Transactions of the Indian Institute of Metals					1.6	10.1007/s12666-023-03051-8
2238	Shanmugasundaram S., Palaniappan N.	Improvement of Bounding Box and Instance Segmentation Accuracy Using ResNet-152 FPN with Modulated Deformable ConvNets v2 Backbone-based Mask Scoring R-CNN	International Journal of Image and Graphics					1.6	10.1142/S0219467824500542

2239	Ramamoorthy H., Ramasundaram M., Raja S.P., Randive K.	An Efficient Classification of Multiclass Brain Tumor Image Using Hybrid Artificial Intelligence with Honey Bee Optimization and Probabilistic U-RSNet	International Journal of Image and Graphics					1.6	10.1142/S0219467824500591
2240	Navis V.V., Greeni A.B.	Application of acyclic coloring in wavelength assignment problem for butterfly and Beneš network	Sadhana - Academy Proceedings in Engineering Sciences	48	3			1.6	10.1007/s12046-023-02164-6
2241	Settu S., Arunachalam S.	Anti-diabetic effect of <i>Daldinia eschscholtzii</i> and <i>Phomopsis mangiferae</i> isolated from <i>Bryophyllum pinnatum</i>	Bangladesh Journal of Pharmacology	18	2	58	71	1.6	10.3329/bjp.v18i2.65836
2242	Wani F.M., Vemuri J., Rajaram C., Reddy K.S.K.K.	Investigating the efficiency of machine learning algorithms in classifying pulse-like ground motions	Journal of Seismology					1.6	10.1007/s10950-023-10168-2
2243	Kumar A., Kaushal M., Sharma A.	SAM C-GAN: a method for removal of face masks from masked faces	Signal, Image and Video Processing					1.583	10.1007/s11760-023-02602-2
2244	Sampathkumar S., Augustin F., Kaabar M.K.A., Yue X.-G.	An integrated intuitionistic dense fuzzy Entropy-COPRAS-WASPAS approach for manufacturing robot selection	Advances in Mechanical Engineering	15	3			1.566	10.1177/16878132231160265
2245	Santhiya S., Thilagavathi K.	Geometric Properties of Analytic Functions Defined by the (p, q) Derivative Operator Involving the Poisson Distribution	Journal of Mathematics	2023				1.555	10.1155/2023/2097976

2246	Ravi V., Chidambaram N., Çolakoğlu Ö., Ahmed H., Jaganathan S., Jaganathan J.	QSPR Study and Distance-Based New Topological Descriptors of Some Drugs Used in the COVID-19 Treatment	Journal of Mathematics	2023					1.555	10.1155/2023/1187415
2247	Antony A., Karuppasamy R.	Mining of soil data for predicting the paddy productivity by machine learning techniques	Paddy and Water Environment						1.554	10.1007/s10333-023-00924-y
2248	Vincent N.K., Varghese A., Ajeesh S.S.	Distortional–Global Interactive Buckling of Thin-Walled Columns with Complex Lips	International Journal of Steel Structures						1.541	10.1007/s13296-023-00740-4
2249	Shah S.M.I., Ganesh G.M.	Micro-Steel Fiber-Reinforced Self-compacting Concrete-Filled Steel-Tube Columns Subjected to Axial Compression	International Journal of Steel Structures						1.541	10.1007/s13296-023-00747-x
2250	Vijayan K., Vijayachamundeeswari S.P.	Effect of temperature and improving the optoelectrical attributes of copper gallium sulfide (CuGaS ₂) thin films	Phase Transitions						1.529	10.1080/01411594.2023.2184360
2251	Jangiti J., Paluri C.G., Vadlamani S., Jindal S.K.	Hepatitis C Severity Prognosis: A Machine Learning Approach	Journal of Electrical Engineering and Technology						1.528	10.1007/s42835-023-01441-y
2252	Krishna L.H., Sk A., Rao J.B., Veeramachaneni S., Sk N.M.	Energy Efficient Approximate Multiplier Design with Lesser Error Rate using the Probability-based Approximate 4:2 Compressor	IEEE Embedded Systems Letters				1	1	1.524	10.1109/LES.2023.3280199

2253	Sharma Y., Ahmed Khan M., Chellapandi T., Tejas Sukumar M., Madhumitha G., Rahman Khan M.M., Danish M., Velu S., Roopan S.M.	Efficient synthesis of 3D/2D CeO ₂ /MoS ₂ nanocomposites with enhanced photocatalytic activity to degrade organic dye in wastewater and statistical optimization of reaction parameters	Inorganic and Nano-Metal Chemistry					1.514	10.1080/24701556.2023.2188455
2254	Sankar S., Muthukaliannan G.	Combinatorial effect of diclofenac with piperine and D-limonene on inducing apoptosis and cell cycle arrest of breast cancer cells	Asian Pacific Journal of Tropical Biomedicine	13	2	80	92	1.514	10.4103/2221-1691.369612
2255	Sudarsa D., A. N.R., Sivakumar A.P.	An effective and secured authentication and sharing of data with dynamic groups in cloud	Data and Knowledge Engineering	145				1.500	10.1016/j.datak.2022.102125
2256	Nithyanandam N., Mahesh C., Raja S.P., Jeyapriyanga S., Priya T.S.B.	Energy-efficient intrusion detection system for secure acoustic communication in under water sensor networks	KSII Transactions on Internet and Information Systems	17	6	1706	1727	1.5	10.3837/tiis.2023.06.010
2257	Sabhapandit E., Jindal S.K., Kanekal D., Yashwant Patil H.	Mathematical Modeling and Numerical Simulation of a Single-Turn MEMS Piezoresistive Pressure Sensor for Enhancement of Performance Metrics	Journal of Circuits, Systems and Computers					1.5	10.1142/S0218126623502766

2258	Dass R., Thirumoorthy G., Ananthakrishnan G., Kannan A., Rajendran S., Narayanan M., Arputharaj K.	Optimum design of planar quasi-Yagi antenna for wearable Internet of Things (IoT) applications	Microwave and Optical Technology Letters					1.5	10.1002/mop.33839
2259	Thirugnanam T., Galety M.G., Pradhan M.R., Agrawal R., Shobanadevi A., Almufti S.M., Lakshmana Kumar R.	PIRAP: Medical Cancer Rehabilitation Healthcare Center Data Maintenance Based on IoT-Based Deep Federated Collaborative Learning	International Journal of Cooperative Information Systems					1.5	10.1142/S0218843023500053
2260	Venkata Phanikrishna B., Jaya Prakash A., Suchismitha C.	Deep Review of Machine Learning Techniques on Detection of Drowsiness Using EEG Signal	IETE Journal of Research	69	6	3104	3119	1.5	10.1080/03772063.2021.1913070
2261	Pande S.D., Gudipalli A., Joshi R., Chaudhari S., Dhabliya D., Ahammad S.K.H., Kale S.D.	A Fuzzy-Based Slip Resistive Controller for Front Wheel Drive Autonomous Electric Vehicle	Electric Power Components and Systems					1.5	10.1080/15325008.2023.2246482
2262	Tamizharasan A., Ramanath Kini M.G., Suresh Kumar B., Manjunath R., Shafi S., Taqui S.N., Ganeshan P., Ouladsmame M., Aftab S.	Smart Performance Evolution of a Solar Water Heating System with PCM by Using Deep Learning Approach	Electric Power Components and Systems					1.5	10.1080/15325008.2023.2243458

2263	Nedunchezian P., Karunanithy K., Bhuvanewari M., Mahalingam M., Rashid T.A.	Hazardous Influential Node Identification in Online Social Networks	IETE Journal of Research					1.5	10.1080/03772063.2 023.2234870
2264	Balachandran K.P., Bhuvanewari M.	Expressed Emotion in Families of Children with Neurodevelopmental Disorders: A Mixed-Method Approach	Annals of Neurosciences					1.5	10.1177/097275312 31181014
2265	Manjupriya R., Chellapandi T., Madhumitha G., Roopan S.M.	[InlineMediaObject not available: see fulltext.]Recent advances in intramolecular [2+2] photocycloaddition for the synthesis of indoline- based scaffolds (microreview)	Chemistry of Heterocyclic Compounds					1.49	10.1007/s10593-023- 03170-6
2266	Katturajan R., Medha T., Karra S., Vidya R., Prince S.E.	A comparative computational approach on the most deleterious missense variant in Connexin 43 protein and its potent inhibitor analysis	Indian Journal of Biochemistry and Biophysics	60	1	7	25	1.476	10.56042/ijbb.v60i1. 56987
2267	Edison M., Jeeva J.B., Singh M.	Sequential analysis of erythrocyte aggregation in P. falciparum malaria with and without ASAQ therapy by optical signal and image analysis	Indian Journal of Biochemistry and Biophysics	60	4	331	338	1.476	10.56042/ijbb.v60i4. 64636

2268	Nithyanandam S., Jaisankar V., Parthasarathy M., Katturajan R., Prince S.E.	Antioxidant mediated defensive potency of Caesalpinia bonducella nut on Acetaminophen-inebriated spleen and cardiotoxicity: Implications on oxidative stress and tissue morphology in an In vivo model	Indian Journal of Biochemistry and Biophysics	60	4	297	306	1.476	10.56042/ijbb.v60i4. 72352
2269	Simon J.P., Nithyanandam S., Katturajan R., Parthasarathy M., Namachivayam A., Bhaskarmurthy D.H., Vidya R., Prince S.E.	Supplementation of Madhuca longifolia Seed oil augments diclofenac-induced organ toxicities: A biochemical and histopathological approach	Indian Journal of Biochemistry and Biophysics	60	3	186	195	1.476	10.56042/ijbb.v60i3. 69793
2270	Bashir M.F., Javed A.R., Arshad M.U., Gadekallu T.R., Shahzad W., Beg M.O.	Context-Aware Emotion Detection from Low-resource Urdu Language Using Deep Neural Network	ACM Transactions on Asian and Low- Resource Language Information Processing	22	5			1.471	10.1145/3528576
2271	Prabadevi B., Deepa N., Ganesan K., Srivastava G.	A Decision Model for Ranking Asian Higher Education Institutes Using an NLP-Based Text Analysis Approach	ACM Transactions on Asian and Low- Resource Language Information Processing	22	3			1.471	10.1145/3534562

2272	Pei J., Zhong K., Yu Z., Wang L., Lakshmana K.	Scene Graph Semantic Inference for Image and Text Matching	ACM Transactions on Asian and Low-Resource Language Information Processing	22	5			1.471	10.1145/3563390
2273	Diviya M., Karmel A.	TAM GAN: Tamil Text to Naturalistic Image Synthesis Using Conventional Deep Adversarial Networks	ACM Transactions on Asian and Low-Resource Language Information Processing	22	5			1.471	10.1145/3584019
2274	Jebitha D.A., Kannan M.R.	Axiomatic Mix Proportioning for Self-Compacting Concrete with Silica Fume	Iranian Journal of Science and Technology - Transactions of Civil Engineering					1.461	10.1007/s40996-023-01050-9
2275	Karthika M., Balu A.R., Suganya M., Chitra Devi S., Sriramraj M., Devendran K., Vinitha G., Delci Z., Balamurugan S.	Chitosan, a Cationic Polymer-Loaded CuS:Ni Nanoparticles Well Suited for Pseudocapacitors, Optical Switching and Sprintronic Devices	Nano					1.438	10.1142/S1793292023500145
2276	Sabhapandit E., Jindal S.K., Kanekal D., Patil H.Y.	Numerical Simulation of a Striated Piezoresistive MEMS Pressure Sensor on Circular Silicon Diaphragm: A Finite Element Method-Based Study	Nano					1.438	10.1142/S1793292023500236

2277	Pandey K.K., Kumbhar C., Parhi D.R., Mathivanan S.K., Jayagopal P., Haque A.	Trajectory Planning and Collision Control of a Mobile Robot: A Penalty-Based PSO Approach	Mathematical Problems in Engineering	2023				1.430	10.1155/2023/1040461
2278	Natesan P., Sathishkumar V.E., Mathivanan S.K., Venkatesan M., Jayagopal P., Allayear S.M.	A Distributed Framework for Predictive Analytics Using Big Data and MapReduce Parallel Programming	Mathematical Problems in Engineering	2023				1.430	10.1155/2023/6048891
2279	Johnson M., Vijayakumar V.	Optimal Control Results for Sobolev-Type Fractional Stochastic Volterra-Fredholm Integrodifferential Systems of Order via Sectorial Operators	Numerical Functional Analysis and Optimization					1.418	10.1080/01630563.2023.2180645
2280	Mishra U., Mashud A.H.M., Roy S.K., Uddin M.S.	THE EFFECT OF REBATE VALUE AND SELLING PRICE-DEPENDENT DEMAND FOR A FOUR-LEVEL PRODUCTION MANUFACTURING SYSTEM	Journal of Industrial and Management Optimization	19	2	1367	1394	1.411	10.3934/jimo.2021233
2281	Kumar B.K., Krishnan R.N., Sankar R., Rukmani R.	PERFORMANCE ANALYSIS OF A FLUID FLOW SYSTEM MODULATED BY A SINGLE SERVER QUEUE PRONE TO CATASTROPHIC FAILURES AND REPAIRS	Journal of Industrial and Management Optimization	19	8	5559	5578	1.411	10.3934/jimo.2022185

2282	Santhosh H.B., Nagendramma V., Durgaprasad P., Mamatha S.U., Raju C.S.K., Raju K.V.B.	Dynamics of unsteady Carreau fluid in a suspension of dust and hybrid solid particles with non-Fourier and Fourier fluxes	International Journal of Modern Physics B					1.404	10.1142/S02179792 2350251X
2283	Duraihem F.Z., Devi R.L.V.R., Prakash P., Sreelakshmi T.K., Saleem S., Durgaprasad P., Raju C.S.K., Raju S.S.K.	Enhanced heat and mass transfer characteristics of multiple slips on hydro- magnetic dissipative Casson fluid over a curved stretching surface	International Journal of Modern Physics B					1.404	10.1142/S02179792 23502296
2284	Kangeyan R., Karthikeyan M.	Miniaturized meander-line dual-band implantable antenna for biotelemetry applications	ETRI Journal					1.4	10.4218/etrij.2023- 0050
2285	Vivek S., Vijayakumar V.	A Note Concerning to Optimal Feedback Control for Caputo Fractional Neutral Stochastic Evolution Systems	Qualitative Theory of Dynamical Systems	22	4			1.4	10.1007/s12346-023- 00855-3
2286	Jothimani K., Valliammal N., Alsaeed S., Nisar K.S., Ravichandran C.	Controllability Results of Hilfer Fractional Derivative Through Integral Contractors	Qualitative Theory of Dynamical Systems	22	4			1.4	10.1007/s12346-023- 00833-9
2287	Ramachandran M., Balakrishnan S.	Significance of Bell States Over Four-Qubit Entangled States in Quantum Bidirectional Direct Communication Protocols	International Journal of Theoretical Physics	62	8			1.4	10.1007/s10773-023- 05438-1

2288	Chakraborty A., Saxena R.S., Verma A., Juyal A., Gupta S., Singh I., Ram G., Mandal D.	Multi-pattern synthesis in fourth-dimensional antenna arrays using BGM-based quasi-Newton memetic optimization method	International Journal of Microwave and Wireless Technologies					1.4	10.1017/S1759078723000910
2289	Pritchard C., Abdul Azeez E.P., Mirza S.	Women's health inequalities in 15 Muslim-populated countries: Evidence from population and mortality statistics	Health Care for Women International					1.4	10.1080/07399332.2023.2233093
2290	Shil S., Nashine H.K.	UNIQUE POSITIVE DEFINITE SOLUTION OF NON-LINEAR MATRIX EQUATION ON RELATIONAL METRIC SPACES	Fixed Point Theory	24	1	367	382	1.396	10.24193/fpt-ro.2023.1.20
2291	Shankar A.N., Prasad M., Selvaraj R., George M., Mohanty A., Sivakumar J.	Experimental Investigation of the Hydrophobic and Modal Properties of Epoxy Nanocomposites Reinforced with Graphene Nanofillers	Transactions of the Indian Institute of Metals					1.391	10.1007/s12666-022-02847-4
2292	Mylsamy G., Krishnasamy P.	A Review on Electrical Properties of Fiber-Reinforced Polymer Material: Fabrication, Measurement, and Performances	Transactions of the Indian Institute of Metals					1.391	10.1007/s12666-023-02888-3
2293	Maurya H.S., Kollo L., Tarraste M., Juhani K., Sergejev F., Prashanth K.G.	Selective Laser Melting of TiC-Based Cermet: HIP Studies	Transactions of the Indian Institute of Metals	76	2	565	570	1.391	10.1007/s12666-022-02684-5

2294	Basha G.M.T., Venkateshwarlu B., Srikanth A., Varghese J.T., Thomas S., Thomas B.G., Venugopal A.	Impact of CNTs Reinforcement on Microstructural Characteristics and Tribological Behavior of Plasma-Sprayed Conventional Ceramic Coatings	Transactions of the Indian Institute of Metals					1.391	10.1007/s12666-023- 02994-2
2295	Sridarshini T., Geerthana S., Balaji V.R., Thirumurugan A., Sitharthan R., Sivanantha Raja A., Dhanabalan S.S.	Ultra-compact all-optical logical circuits for photonic integrated circuits	Laser Physics	33	7			1.38	10.1088/1555- 6611/acd7dd
2296	Chandra P., Das R.	Impact of gyrotactic microorganisms in nanofluid via porous media along an inclined stretching plate: Finite element analysis	Numerical Heat Transfer, Part B: Fundamentals	83	6	367	394	1.378	10.1080/10407790.2 022.2163940
2297	Vineeth V.K., Kumar Patel D.	Dependence of wake structure evolution on the frequency of a pitching wing: A numerical investigation using LES	International Journal of Modern Physics C					1.353	10.1142/S01291831 23501085
2298	Vijatha M., Bala Anki Reddy P.	Particle shapes effects on Casson hybrid nanofluid flow over a cylinder with Cattaneo- Christov thermal model with Entropy optimization	International Journal of Modern Physics C					1.353	10.1142/S01291831 23501334

2299	Biswas U., Nayak C., Rakshit J.K.	Fabrication techniques and applications of two-dimensional photonic crystal: history and the present status	Optical Engineering	62	1			1.352	10.1117/1.OE.62.1.010901
2300	Bhattacharyya A., Nambiar S.M., Ojha R., Gyaneshwar A., Chadha U., Srinivasan K.	Machine Learning and Deep Learning powered satellite communications: Enabling technologies, applications, open challenges, and future research directions	International Journal of Satellite Communications and Networking					1.348	10.1002/sat.1482
2301	Manikandan P.	A feed-forward compensated FVF LDO regulator with no on-chip compensation capacitors	Integration	91		89	97	1.345	10.1016/j.vlsi.2023.03.005
2302	Sharma A., Palit R., Habermann T., Gerl J., Kojouharov I., Schaffner H., Herrmann P., Wollersheim H.J., Saha S., Das B., Dey P., Donthi R., Naidu B.S., Mandal S., Singh P.P.	Performance test of a position sensitive planar germanium detector for phase-III DESPEC experiments	Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment	1051				1.335	10.1016/j.nima.2023.168233
2303	Kalidasan B., Deepika K., Shankar R., Pandey A.K., Shahabuddin S., Kothari R., Agarwal P., Sharma K.	Reduction of emission gas concentration from coal based thermal power plant using full combustion and partial oxidation system	Journal of Engineering Research (Kuwait)	11	1	197	211	1.325	10.36909/jer.11927

2304	Kumarappan M.V., Kashyap K.R.A., Prakasam P.	Fused empirical mode decomposition with spectral flatness and adaptive filtering technique for denoising of ECG signals	Analog Integrated Circuits and Signal Processing					1.321	10.1007/s10470-022-02120-0
2305	Divya M., Sundaram K.	Dead zone-less low power phase frequency detector, independent of duty cycle variations for charge pump phase locked loop	Analog Integrated Circuits and Signal Processing					1.321	10.1007/s10470-022-02129-5
2306	Haribabu M., Guruviah V., Yogarajah P.	Recent Advancements in Multimodal Medical Image Fusion Techniques for Better Diagnosis: An Overview	Current medical imaging	19	7	673	694	1.315	10.2174/1573405618666220606161137
2307	Keerthika C., Lal A.M.	A Methodical and Performance-based Investigation of Alzheimer Disease Detection on Magnetic Resonance and Multimodal Images	Current Medical Imaging	19	6	546	563	1.315	10.2174/1573405618666220823115848
2308	Somasundaram A., Thengalpalayam Rajamanickam S.K., Alex Z.C.	Development of wideband CPW-fed microstrip patch antenna on textile substrate	Microwave and Optical Technology Letters					1.311	10.1002/mop.33692
2309	Muthukumar J., Chidambaram R.	ISOLATION AND QUANTIFICATION OF CELLULOSE FROM VARIOUS FOOD-GRADE MACROALGAL SPECIES	Cellulose Chemistry and Technology	57	03-Apr	237	244	1.3	10.35812/CelluloseChemTechnol.2023.57.23

2310	Manikandan P.	Miller compensated three-stage OTA for a wide range of load capacitors (1 pF to 1 nF)	International Journal of Electronics					1.3	10.1080/00207217.2023.2235721
2311	Venkatesh S., Parimalarenganayaki S.	Multi-collinearity Based Parameter Optimization and Comparison among Multi-criteria Decision Analysis to Map Groundwater Potential Zones	Journal of the Geological Society of India	99	8	1158	1164	1.3	10.1007/s12594-023-2441-7
2312	Harini S., Barik D.K., Pratyusha N., Sameera M., Varsha M., Shruthi S.	A Case Study on GIS Based Method to Develop Geographically Distributed Synthetic Unit Hydrograph using Geo-Spatial Tools in Ungauged Sub-watershed of Ambika River Basin, Gujarat	Journal of the Geological Society of India	99	8	1165	1172	1.3	10.1007/s12594-023-2442-6
2313	Ramar N., Meher S.	An uncertainty-incorporated method for fast beam angle selection in intensity-modulated proton therapy	Journal of Cancer Research and Therapeutics	19	3	688	696	1.3	10.4103/jcrt.jcrt_530_21
2314	Shukla V., Mishra A., Sure J., Ghosh S., Tewari R.P.	Size-dependent failure behavior of commercially available lithium-iron phosphate battery under mechanical abuse	Process Safety Progress					1.294	10.1002/prs.12501
2315	Vijaya Bhaskar K., Ramesh S., Karunanithi K., Raja S.P.	Multi-Objective Optimal Power Flow Solutions Using Improved Multi-Objective Mayfly Algorithm (IMOMA)	Journal of Circuits, Systems and Computers					1.278	10.1142/S0218126623502006

2316	Rayan R.A., Suruliandi A., Raja S.P., David H.B.F.	A Survey on an Analysis of Big Data Open Source Datasets, Techniques and Tools for the Prediction of Coronavirus Disease	Journal of Circuits, Systems and Computers					1.278	10.1142/S0218126623300039
2317	Johnson M., Vijayakumar V., Shukla A., Soopy Nisar K., Hazarika B.	Existence and approximate controllability results for second-order impulsive stochastic neutral differential systems	Applicable Analysis					1.278	10.1080/00036811.2023.2196293
2318	Sreedharan R., Raja Balachandar S., Raja S.P.	Existence of mild solutions for perturbed fractional neutral differential equations through deformable derivatives in Banach spaces	International Journal of Wavelets, Multiresolution and Information Processing					1.276	10.1142/S0219691322500527
2319	Idhaya T., Suruliandi A., Calitoui D., Raja S.P.	Calibrating the classifier for protein family prediction with protein sequence using machine learning techniques: An empirical investigation	International Journal of Wavelets, Multiresolution and Information Processing					1.276	10.1142/S021969132250045X
2320	Vankadara K., Jacob Raglend I.	Cost Analysis for DC Microgrid Incorporating Renewable Energy Resources using Search- and Rescue-Based Emperor Penguin Optimization Algorithm	Electric Power Components and Systems					1.276	10.1080/15325008.2023.2194303
2321	Pydikalva P., Natarajan S., Aljafari B., Balasubramanian K., Thanikanti S.B.	PV-Fed Micro-Inverter with Battery Storage for Single Phase Grid Applications	Electric Power Components and Systems					1.276	10.1080/15325008.2023.2189758

2322	Krishna R., Sathish H., Zhou N.	Forecasting Uncertainty Parameters of Virtual Power Plants Using Decision Tree Algorithm	Electric Power Components and Systems					1.276	10.1080/15325008.2023.2205413
2323	Senthilkumar B., Naresh Kumar H., Venkatakrishnan Y.B., Raja S.P.	On the computation of extremal trees of Harmonic index with given edge-vertex domination number	International Journal of Wavelets, Multiresolution and Information Processing					1.276	10.1142/S0219691323500145
2324	Zaveri J., Dhanushkodi S.R., Bansal L.	Towards machine learning in water treatment: a diagnostic tool for assessing water quality	Desalination and Water Treatment	286		64	72	1.273	10.5004/dwt.2023.29328
2325	Suprakash A.S., Karthiyaini S.	A Study on the Effect of Low Calcium Ultra-fine Fly Ash as a Partial Sustainable Supplementary Material to Cement in Self-compacting Concrete	Journal Wuhan University of Technology, Materials Science Edition	38	2	330	341	1.271	10.1007/s11595-023-2702-8
2326	Gokulakrishnan S., Jarwar M.A., Ali M.H., Kamruzzaman M.M., Meenakshisundaram I., Jaber M.M., Kumar R.L.	Maliciously roaming person's detection around hospital surface using intelligent cloud-edge based federated learning	Journal of Combinatorial Optimization	45	1			1.262	10.1007/s10878-022-00939-x
2327	Samsudeen S., Ali M.H., Vignesh C.C., Kamruzzaman M.M., Prakash C., Thirugnanam T., Daniel J.A.	Context-specific discussion of Airbnb usage knowledge graphs for improving private social systems	Journal of Combinatorial Optimization	45	2			1.262	10.1007/s10878-023-00994-y

2328	Ferinia R., Kumar D.L.S., Kumar B.S., Muthu B.A., Asaad R.R., Ramamoorthi J.S., Daniel J.A.	Factors determining customers desire to analyse supply chain management in intelligent IoT	Journal of Combinatorial Optimization	45	2			1.262	10.1007/s10878-023-01007-8
2329	Sivaparthipan C.B., Gnanasigamani L.J., Agrawal R., Awaji B.H., Sathyaprakash P., Jaber M.M., Jumani A.K.	Internet of things enabled privacy-conserving health record virtual sharing using jungle computing	Journal of Combinatorial Optimization	45	5			1.262	10.1007/s10878-023-01048-z
2330	Phani Praveen S., Hasan Ali M., Musa Jaber M., Buddhi D., Prakash C., Rani D.R., Thirugnanam T.	IoT-Enabled Healthcare Data Analysis in Virtual Hospital Systems Using Industry 4.0 Smart Manufacturing	International Journal of Pattern Recognition and Artificial Intelligence	37	2			1.261	10.1142/S0218001423560025
2331	Kalimuthu M., Sreethar S., Murugesan R., Nandhagopal N.	Multi-Class Facial Emotion Recognition Using Hybrid Dense Squeeze Network	International Journal of Pattern Recognition and Artificial Intelligence					1.261	10.1142/S0218001423560050
2332	Kanchanamala P., Lakshmanan R., Muthu Kumar B., Maram B.	AACO: Aquila Anti-Coronavirus Optimization-Based Deep LSTM Network for Road Accident and Severity Detection	International Journal of Pattern Recognition and Artificial Intelligence	37	5			1.261	10.1142/S0218001422520309
2333	Kumar R., Chandra A., Thummaluru S.R., Khan M.M., Chaudhary R.K.	A Miniaturized Dual-Band Short-Ended ZOR Antenna with Backed Ground Plane for Improved Bandwidth and Radiation Efficiency	International Journal of Antennas and Propagation	2023				1.244	10.1155/2023/2478853

2334	Arunkumar D.T., Basavakumar K.G., Sujai S., Senthur Prabu S.	INFLUENCES OF P AND Sr ON MICROSTRUCTURE AND ITS EFFECTS ON MACHINABILITY AND MECHANICAL PROPERTIES OF HYPEREUTECTIC Al-20%Si	Surface Review and Letters	30	4			1.24	10.1142/S0218625X 23500233
2335	Baby Anitha E., Sivaprakash S., Velmurugan S., Saranya S.S.	Hybrid artificial bee colony based neural network and dynamic threshold technique for predicting moving vehicle location and co-located objects	Sadhana - Academy Proceedings in Engineering Sciences	48	2			1.214	10.1007/s12046-023- 02128-w
2336	Sarma D., Das A., Castillo O., Bera U.K.	Rough interval approach to predict uncertain demand in a large scale disaster scenario: an analytical study on Assam flood	Sadhana - Academy Proceedings in Engineering Sciences	48	2			1.214	10.1007/s12046-023- 02103-5
2337	Natarajan D., Ponnusamy K., Karunakaran R.T., Shanmugam K.	Influence of solvent choice and operating conditions on Chlorzoxazone crystal shape and size	Brazilian Journal of Pharmaceutical Sciences	59				1.214	10.1590/s2175- 97902023e20918
2338	Gowdhami D., Balaji V.R.	Design and analysis of a photonic crystal-based biosensor for the detection of chikungunya virus	Laser Physics	33	8			1.2	10.1088/1555- 6611/ace0b8
2339	Kasyap V.L.V.S.K.B., Sumathi D., Reddy M.S.J., Bhagavan V.S., Cherukuri A.K.	VitaDNet: A Deep Learning- Based Approach for Vitamin-D Deficiency Prediction	Journal of Information and Knowledge Management					1.2	10.1142/S02196492 23500557

2340	Vijayaraj N., Arunagiri S.	Intensification and Interpretation of Performance in 5G Adopting Millimeter Wave: A Survey and Future Research Direction	International Arab Journal of Information Technology	20	4	600	608	1.2	10.34028/iajit/20/4/6
2341	Ramachadran M., Balakrishnan S.	Correspondence between quantum communication protocol and quantum game theory	International Journal of Quantum Information					1.2	10.1142/S0219749923500314
2342	Ray A., Verma G., Rai R., Singh T.N.	Stability assessment of Himalayan residual soil slopes formed from the weathering of carbonate lithologies using Landslide Hazard Charts	Himalayan Geology	44	2	71	88	1.2	
2343	Satapathy S.K., Saravanan S., Mishra S., Mohanty S.N.	A Comparative Analysis of Multidimensional COVID-19 Poverty Determinants: An Observational Machine Learning Approach	New Generation Computing					1.180	10.1007/s00354-023-00203-8
2344	Sowrirajan S.R., Balasubramanian S., Raj R.S.P.	MRI Brain Tumor Classification Using a Hybrid VGG16-NADE Model	Brazilian Archives of Biology and Technology	66				1.18	10.1590/1678-4324-2023220071
2345	Wang Y., Ren J., Li S., Hu Z., Raj R.S.P.	Estimation of Human Motion Posture Using Multi-labeling Transfer Learning	Brazilian Archives of Biology and Technology	66				1.18	10.1590/1678-4324-2023220748
2346	Preeti, Stancu-Minasian I., Jayswal A., Rusu-Stancu A.M.	BARRIER FUNCTION METHOD AND SADDLE-POINT FOR FRACTIONAL OPTIMIZATION PROBLEM	UPB Scientific Bulletin, Series A: Applied Mathematics and Physics	85	1	65	76	1.160	

2347	Saha S., Biswas P., Das A.N., Kumar A., Kumar Singh M.	Analysis of Blood Flow Bifurcation Phenomena in Mitral Valve: A Numerical Approach to Predict Cardiac Arrest	Journal of Applied Fluid Mechanics	16	3	491	504	1.152	10.47176/jafm.16.03.1351
2348	Sundar R.D.V., Arunachalam S.	Effect of endophytic fungi <i>Daldinia eschscholtzii</i> against multidrug resistant pathogens	Bangladesh Journal of Pharmacology	18	1	17	23	1.143	10.3329/bjp.v18i1.62914
2349	Ram S.R., Narayanan L., Krishnan S., Robinson H.	Biodiversity in a forest ecosystem in India using environmental DNA sequence analysis of pathogen-hostile eucalyptus trees	Global Nest Journal	25	3	37	43	1.134	10.30955/gnj.004512
2350	Rajalakshmi J., Sumangali K., Jayanthi J., Muthulakshmi K.	Artificial intelligence with earthworm optimization assisted waste management system for smart cities	Global Nest Journal	25	4	190	197	1.134	10.30955/gnj.004712
2351	Das A.N., Saha S., Raut S., Talukdar P.	Studies on Ion-Acoustic Solitary Waves in Plasmas with Positrons and Two-Temperature Superthermal Electrons through Damped Zakharov–Kuznetsov–Burgers Equation	Plasma Physics Reports	49	4	454	466	1.133	10.1134/S1063780X22601171
2352	Sundar S., Sumathy S.	RetU-Net: An Enhanced U-Net Architecture for Retinal Lesion Segmentation	International Journal on Artificial Intelligence Tools	32	4			1.1	10.1142/S0218213023500136

2353	Gomathy G., Rushi Kumar B.	VARIABLE THERMAL CONDUCTIVITY AND VISCOSITY EFFECTS ON THIN FILM FLOW OVER AN UNSTEADY POROUS STRETCHING SHEET	Special Topics and Reviews in Porous Media	14	2	77	94	1.1	10.1615/SpecialTopicsRevPorousMedia.v14.i2.60
2354	Hiremath V.S., Reddy D.M.	An experimental investigation on the adhesive, shear strength, and failure modes of glass fibre reinforced polymer flat-joggle-flat composite joints over different bonding techniques [Experimentelle Untersuchung der Haftfestigkeit, der Scherfestigkeit und der Versagensarten von glasfaserverstärkten Polymer-Flach-Kniehebel-Verbundwerkstoff-Verbindungen mit verschiedenen Klebetechniken]	Materialwissenschaft und Werkstofftechnik	54	8	1031	1037	1.1	10.1002/mawe.202200268
2355	Thirumalai S., Seshadri R., Yuzbasi S.	Spectral collocation method based on special functions for solving nonlinear high-order pan-Tograph equations	Computational Methods for Differential Equations	11	3	589	604	1.1	10.22034/cmde.2022.51962.2170
2356	Sangeetha E., De P., Das R.	HALL AND ION EFFECTS ON BIOCONVECTIVE MAXWELL NANOFLUID IN NON-DARCY POROUS MEDIUM	Special Topics and Reviews in Porous Media	14	4	1	30	1.1	10.1615/SpecialTopicsRevPorousMedia.v14.i4.10

2357	Karthikeyan B., Mohanasundaram R., Suresh P., Jagan Babu J.	Deep learning and machine learning based air pollution prediction model for smart environment design planning	Global Nest Journal	25	5	11	19	1.1	10.30955/gnj.00473 5
2358	Lakshminarayanan K., Shah R., Yao Y., Madathil D.	The Effects of Subthreshold Vibratory Noise on Cortical Activity During Motor Imagery	Motor Control	27	3	559	572	1.1	10.1123/mc.2022- 0061
2359	Srinivasan V., Palanisamy P.	A State-of-the-art Review on Keratin Biomaterial as Eminent Nanocarriers for Drug Delivery Applications	Letters in Drug Design and Discovery	20	3	245	263	1.099	10.2174/157018081 9666220620094943
2360	James J.P., Jyothi D., Devaraji V., Priya S.	In silico Exploration of Dakshina Kannada Medicinal Plants as Anti-SARS-CoV-2 Agents by Molecular Docking and Simulation Approaches	Letters in Drug Design and Discovery	20	10	1544	1556	1.099	10.2174/157018081 9666220429161808
2361	Balaji S., Rahamathunnisa U.	Multimodal Biometrics Authentication in Healthcare Using Improved Convolution Deep Learning Model	International Journal on Artificial Intelligence Tools	32	3			1.059	10.1142/S02182130 23400134

2362	Roshith P.	The influence of compressive residual stress on metallurgical and mechanical properties of materials exposed to shot peening: a review: L'influence de la contrainte résiduelle de compression sur les propriétés métallurgiques et mécaniques des matériaux exposés au grenailage: Une revue	Canadian Metallurgical Quarterly					1.037	10.1080/00084433.2023.2213045
2363	Gopalan V., Rajarajan S., Wilson M., Venkatesan J., Elango M., Natarajan S., Rajakumar S.	Studies on fly ash/coir/sugarcane reinforced epoxy polymer matrix composite [Studien über flugasche-/kokos-/zuckerrohrverstärkte Epoxidpolymermatrix-Verbundwerkstoffe]	Materialwissenschaft und Werkstofftechnik	54	2	215	228	1.034	10.1002/mawe.202200037
2364	Kavitha Williams W., Vijayakumar V.	Existence of Atangana-Baleanu fractional neutral Volterra integro-differential equations with non-instantaneous impulses	Bulletin des Sciences Mathématiques	182				1.032	10.1016/j.bulsci.2022.103211
2365	Manikandan R., Raja Singh R.	Fault diagnosis of wind turbine power converter using intrinsic mode functions with relative energy entropy	Circuit World					1.027	10.1108/CW-09-2022-0241

2366	Emil Selvan G.S.R., Jagadeesh Kannan R., Sangapu S.C., Shalini S., Pandurangan R., Raj E.F.I.	Novel Development of Fuzzy Controller Based Multi-Agent System for Efficient Navigation of Autonomous Robots	International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems	31		17	30	1.027	10.1142/S02184885 23400020
2367	Vinodha R., Parvathi R.	Content and Location Based Point-of-Interest Recommendation System Using HITS Algorithm	International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems	31		31	45	1.027	10.1142/S02184885 23400032
2368	Anitta D., Annis Fathima A.	CNN - Forest Based Person Identification and Head Pose Estimation for AI Based Applications	International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems	31		47	63	1.027	10.1142/S02184885 23400044
2369	Santosh, Jenila Livingston L.M.	An Approach for Automated Kannada Subtitle Generation from Kannada Video	International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems	31		101	119	1.027	10.1142/S02184885 23400068
2370	Hemachandran H., Mohan S., Siva R., Guha L., Natarajan L.	Deciphering the isoprenoid pigment sequestration in silkworms and its function	International Journal of Tropical Insect Science					1.020	10.1007/s42690-023- 00977-w
2371	Bera S., Nagar A.K., Sriram S., Subramanian K.G.	An array P system based on a new variant of pure 2D context-free grammars	Theoretical Computer Science	968				1.002	10.1016/j.tcs.2023.1 14027

2372	I S., Das R., P B.A.R.	Entropy generation for the MHD flow of a blood-based hybrid nanofluid by thermal radiation over converging and diverging channels	Numerical Heat Transfer, Part B: Fundamentals					1	10.1080/10407790.2023.2232540
2373	Sakkaravarthi K., Bala Anki Reddy P.	Entropy generation on MHD flow of Williamson hybrid nanofluid over a permeable curved stretching/shrinking sheet with various radiations	Numerical Heat Transfer, Part B: Fundamentals					1	10.1080/10407790.2023.2231633
2374	Vinodkumar Reddy M., Vajravelu K., Lakshminarayana P., Sucharitha G.	Heat source and Joule heating effects on convective MHD stagnation point flow of Casson nanofluid through a porous medium with chemical reaction	Numerical Heat Transfer, Part B: Fundamentals					1	10.1080/10407790.2023.2233694
2375	Kanimozhi N., Vijayaragavan R., Rushi Kumar B.	Impacts of multiple slip on magnetohydrodynamic Williamson and Maxwell nanofluid over a stretching sheet saturated in a porous medium	Numerical Heat Transfer, Part B: Fundamentals					1	10.1080/10407790.2023.2235079
2376	Ravi V., Desikan K.	Brief survey on divisor graphs and divisor function graphs	AKCE International Journal of Graphs and Combinatorics					1	10.1080/09728600.2023.2234979
2377	Shijo J.S., Behera N.	Pressure Drop Prediction in Fluidized Dense Phase Pneumatic Conveying using Machine Learning Algorithms	Journal of Applied Fluid Mechanics	16	10	1951	1961	1	10.47176/jafm.16.10.1869

2378	Sumathi S., Grace G.H.	Selection of activators in finding the burning number	AKCE International Journal of Graphs and Combinatorics					1	10.1080/09728600.2023.2234007
2379	Kumar A., Verma A., Rathour L., Mishra L.N., Mishra V.N.	Convergence analysis of modified Szász operators associated with Hermite polynomials	Rendiconti del Circolo Matematico di Palermo					1	10.1007/s12215-023-00931-2
2380	Vinodhini M., Rajkumar S.	Performance analysis of vehicle-to-everything communication using internet of LoRa computing for intelligent transportation system	Intelligent Decision Technologies	17	2	577	594	1	10.3233/IDT-220312
2381	Abraham J.M., Rajasekaran V.	Conceptualizing Endometriosis Pain Through Metaphors	Perspectives in Biology and Medicine	66	3	478	491	1	10.1353/pbm.2023.a902040
2382	Karuppasamy R., Velusamy G., Raj R.S.P.	A Novel Approach of Dynamic Vision Reconstruction from fMRI Profiles Using Siamese Conditional Generative Adversarial Network	Brazilian Archives of Biology and Technology	66				1	10.1590/1678-4324-2023220330
2383	Bera A., Chanda A., Dey L.K., Garai H., Rakočević V.	Existence and convergence results for a class of non-expansive type mappings in Banach spaces	Filomat	37	4	1187	1206	0.988	10.2298/FIL2304187B
2384	Çağlar M., Karthikeyan K.R., Murugusundaramoorthy G.	Inequalities on a class of analytic functions defined by generalize Mittag-Leffler function	Filomat	37	19	6277	6288	0.988	10.2298/FIL2319277C

2385	Mekala M.S., Viswanathan P.	RETRACTED ARTICLE: CTRV: resource based task consolidation approach in cloud for green computing	Distributed and Parallel Databases	41	01-Feb	157		0.974	10.1007/s10619-021- 07348-9
2386	Benil T., Kumar P.K., Bharathi R.	Efficient data pruning using optimal KNN for weather forecasting in cloud computing	International Journal of Global Warming	30	2	137	151	0.972	10.1504/IJGW.2023. 130984
2387	Soundararajan D., Ramakrishnan S.	Coverless Data Hiding in VoIP based on DNA Steganography with Authentication	International Arab Journal of Information Technology	20	2	190	198	0.967	10.34028/iajit/20/2/ 5
2388	Dineshkumar C., Udhayakumar R., Vijayakumar V., Shukla A., Nisar K.S.	Discussion on the Approximate Controllability of Nonlocal Fractional Derivative by Mittag-Leffler Kernel to Stochastic Differential Systems	Qualitative Theory of Dynamical Systems	22	1			0.931	10.1007/s12346-022- 00725-4
2389	Bose C.S.V., Udhayakumar R.	Analysis on the Controllability of Hilfer Fractional Neutral Differential Equations with Almost Sectorial Operators and Infinite Delay via Measure of Noncompactness	Qualitative Theory of Dynamical Systems	22	1			0.931	10.1007/s12346-022- 00719-2
2390	Sivasankar S., Udhayakumar R.	Discussion on Existence of Mild Solutions for Hilfer Fractional Neutral Stochastic Evolution Equations Via Almost Sectorial Operators with Delay	Qualitative Theory of Dynamical Systems	22	2			0.931	10.1007/s12346-023- 00773-4

2391	Vijayakumar V., Malik M., Shukla A.	Results on the Approximate Controllability of Hilfer Type fractional Semilinear Control Systems	Qualitative Theory of Dynamical Systems	22	2			0.931	10.1007/s12346-023-00759-2
2392	Dhawan K., Vats R.K., Vijayakumar V.	Analysis of Neutral Fractional Differential Equation via the Method of Upper and Lower Solution	Qualitative Theory of Dynamical Systems	22	3			0.931	10.1007/s12346-023-00795-y
2393	Manoj S.O., Abirami K.R., Victor A., Arya M.	AUTOMATIC DETECTION AND CATEGORIZATION OF SKIN LESIONS FOR EARLY DIAGNOSIS OF SKIN CANCER USING YOLO V3 DCNN ARCHITECTURE	Image Analysis and Stereology	42	2	101	117	0.9	10.5566/ias.2773
2394	Banerjee S., Banerjee S., Chakraborty U., Banerjee S., De S., Kumar S.K.A.	Development of Spiro[chromane-2,4'-piperidine]-4(3H)-one Compounds in the Field of Medicinal Chemistry Research (A Review)	Russian Journal of General Chemistry	93	5	1274	1293	0.9	10.1134/S1070363223050274

2395	Roshith P., Jose B.	Enhancement of metallurgical and mechanical properties due to grain refinement in the compressive residual stress developed surface after the laser shock peening process: a review [Amélioration des propriétés métallurgiques et mécaniques grâce à l'affinement du grain dans la surface développée par la contrainte résiduelle de compression après le grenailage par choc laser: un examen]	Canadian Metallurgical Quarterly					0.9	10.1080/00084433.2023.2235128
2396	Raghavendra Rao N.S., Chitra A.	Investigation on reliability of classical industrial motor drives using GoldSim Monte Carlo reliability workbench	Circuit World					0.9	10.1108/CW-10-2022-0278
2397	Lakshmi R., Kavitha A.	Influence of Second-Order Partial Slip Conditions on Peristaltic Transport of MHD Pseudoplastic Fluid with Suction and Injection	Proceedings of the National Academy of Sciences India Section A - Physical Sciences					0.9	10.1007/s40010-023-00846-8
2398	Rajeshkumar S., Yadav K., Sridharan M., Roopan S.M.	Nano Silver: An Overview of Shape, Size-Controlled Synthesis and Their Antibacterial Property	High Energy Chemistry	57	3	205	216	0.842	10.1134/S001814392303013X

2399	De A., Nangare S.S., Sadasivan S., Arumugam S.K., John B., Yaoping Z.	Computational investigation and parametric design of high speed evacuated tube transportation	Progress in Computational Fluid Dynamics	23	1	13	23	0.839	10.1504/PCFD.2023.10053759
2400	Khandelwal S., Gupta P., Jain A., Nehra A., Yadav G.S., Kushwaha R., Ramani S.	Machine learning-based probabilistic profitable model in algorithmic trading	Journal of Electronic Imaging	32	1			0.829	10.1117/1.JEI.32.1.013039
2401	Kumar Jain D., Liu X., Neelakandan S., Prakash M.	Modeling of human action recognition using hyperparameter tuned deep learning model	Journal of Electronic Imaging	32	1			0.829	10.1117/1.JEI.32.1.011211
2402	Gagged G., Murugaiyan J.	Improved secure dynamic bit standard technique for a private cloud platform to address security challenges	Journal of Electronic Imaging	32	4			0.829	10.1117/1.JEI.32.4.042104
2403	Rajamani T., Sevugan P., Ragupathi S.	Automatic building footprint extraction and road detection from hyperspectral imagery	Journal of Electronic Imaging	32	1			0.829	10.1117/1.JEI.32.1.011005
2404	Chakravarty S., Mishra R., Ransingh A., Dash S., Mohanty S.N., Choudhury T., Subramanian M.	Feature extraction and classification of hyperspectral imaging using minimum noise fraction and deep convolutional neural network	Journal of Electronic Imaging	32	2			0.829	10.1117/1.JEI.32.2.021610

2405	Janani T., Brindha M.	Privacy-preserving transfer learning-based secure quantum image retrieval in encrypted domain for cloud environment	Journal of Electronic Imaging	32	2			0.829	10.1117/1.JEI.32.2.023003
2406	Logeswaran K., Suresh P., Anandamurugan S.	Particle Swarm Optimization Method Combined with off Policy Reinforcement Learning Algorithm for the Discovery of High Utility Itemset	Information Technology and Control	52	1	25	36	0.813	10.5755/j01.itc.52.1.31949
2407	Dey S., Laurian-Ioan P., Roy S.	Geometry of \ast -k-Ricci-Yamabe soliton and gradient \ast -k-Ricci-Yamabe soliton on Kenmotsu manifolds	Hacettepe Journal of Mathematics and Statistics	52	4	907	922	0.8	10.15672/hujms.1074722
2408	Rajeshwari S., Rajesh M.	Exact Wirelength of Embedding 3-Ary n-Cubes into Certain Cylinders and Trees	Fundamenta Informaticae	188	4	269	284	0.8	10.3233/FI-222149
2409	Zarina D., Reddy M.P., Kumar K.V.S., W M., Srigiri S.	Electric and dielectric studies of MgCuZn ferrites	Ferroelectrics	613	1	137	147	0.8	10.1080/00150193.2023.2215507
2410	Mohan S., Palaniappan A., Khalid Nawaz M., Kripamol R., Seenuvasan R., Anil Kumar P.	In vitro cytotoxicity evaluation of flowable hyaluronic acid-Acellular stromal vascular fraction (HA-ASVF) mixture for tissue engineering applications	Journal of Pharmacy and Bioallied Sciences	15	5	S677	S682	0.8	10.4103/jpbs.jpbs_13_23
2411	Mohan S., Palaniappan A.	Evaluation of non-cross linked xeno-free hyaluronic acid solutions as visco elastic biomaterials	Journal of Pharmacy and Bioallied Sciences	15	5	S673	S676	0.8	10.4103/jpbs.jpbs_63_23

2412	Jena S., Chanda K.	An Improved Synthesis of Disubstituted 2H-indazoles using Microwaves	Letters in Organic Chemistry	20	9	858	863	0.8	10.2174/1570178620666230222100449
2413	Reddy A.S., Govindarajulu K., Beg O.A., Prasad V.R.	Entropy generation on chemically reactive hydromagnetic oscillating flow of third grade nanofluid in a porous channel with Cattaneo-Christov heat flux	Indian Journal of Chemical Technology	30	1	9	22	0.760	10.56042/ijct.v30i1.68837
2414	Durga N., Muthukumar P.	Exponential Behaviour of Nonlinear Fractional Schrödinger Evolution Equation with Complex Potential and Poisson Jumps	Journal of Theoretical Probability					0.733	10.1007/s10959-023-01266-5
2415	Sadhna, Kumar R., Maanvizhi M., Prakash C., Ramesh Babu V., Indu G.K.	Impact of Stitch Density on Tactile Comfort Properties of Seams	AATCC Journal of Research	10	2	73	79	0.726	10.1177/24723444221132318
2416	Dharani D., Ramachandran V., Sakthi E.M.S., Kothandam S., Venkatraman S.K., Choudhary R., Abraham J., Chauhan R., Swamiappan S.	Ultradilutions and Formative Forces in the Blood during the Copper Chloride Crystallization Using Homeopathic Dilutions with Special Emphasis, Studied by X-ray Diffraction	Crystallography Reports	68	1	154	166	0.7	10.1134/S1063774523010248
2417	Malathy V., Desikan K.	New Improved Bounds for Signless Laplacian Spectral Radius and Nordhaus-Gaddum Type Inequalities for Agave Class of Graphs	European Journal of Pure and Applied Mathematics	16	3	1731	1746	0.7	10.29020/nybg.ejpa.m.v16i3.4806

2418	Hazra S., Janardhan Reddy K.	Powertrain mount layout and stiffness selection in electric vehicle application-a multi-objective approach	International Journal of Electric and Hybrid Vehicles	15	2	127	150	0.7	10.1504/IJEHV.2023.132031
2419	Shankar H.N.K., Ponnusamy P.	Seasonal Distribution of Escherichia coli and Relationship Among Physicochemical Parameters in Lake Water in the Gudiyattam Area, Tamil Nadu, India	Aquatic Sciences and Engineering	38	2	89	96	0.7	10.26650/ASE20221221201
2420	Berin Greeni A., Jancy S.	Eccentric Connectivity Index of Nanosheets and Nanotube of SiO ₂	Journal of Advanced Computational Intelligence and Intelligent Informatics	27	4	649	654	0.7	10.20965/jaciii.2023.p0649
2421	Greeni A.B., Joshwa P.L.	Embedding Complete Bipartite Graphs into Wheel Related Graphs	Journal of Advanced Computational Intelligence and Intelligent Informatics	27	4	645	648	0.7	10.20965/jaciii.2023.p0645
2422	Nair N.A., Viswanathan T.S.	EFFECT OF WOLLASTONITE AND COLLOIDAL NANO-SILICA ON MECHANICAL, AND DURABILITY PROPERTIES OF CEMENT MORTAR	Revista Romana de Materiale/ Romanian Journal of Materials	53	2	140	147	0.7	
2423	Baskaran K., Mohan C.G.	Feasibility Analysis of Lignocellulosic Biomass Materials towards Sustainable Biofuel Production	Solid Fuel Chemistry	57	4	281	295	0.7	10.3103/S0361521923330017

2424	Jayanthi V., Subramanian S.	Advanced drinking water treatment: Current status and future prospects of nano-techniques for disinfectant by-product prevention	Journal of Environmental Engineering and Science					0.7	10.1680/jenes.23.00043
2425	Senapaty S., Venugopal P.	When Do Personal Factors Make Autonomy Motivational Orientation Worthwhile? A Case of Turnover Intentions	Journal of Human Values	29	3	296	304	0.7	10.1177/09716858231172590
2426	Kumar D., Yadav P., Kumar J.	Classical Inferences of Order Statistics for Inverted Modified Lindley Distribution with Applications	Strength of Materials	55	2	441	455	0.667	10.1007/s11223-023-00537-0
2427	Kaliyaperumal K., Murugaiyan C., Perumal D., Jayaraman G., Samikannu K.	Combined Ensemble Intrusion Detection Model using Deep learning with Feature Selection for Fog Computing Environments	Acta Scientiarum - Technology	45	1			0.655	10.4025/actascitech nol.v45i1.60551
2428	Saridhe S.P., Hareesh M., Priya T.S., Selvaraj T.	Role Of Olivine Aggregate In Lime And Cement Mortars For The Sequestration Of Atmospheric CO2 [Zakonitosti Olivinskega Agregata V Apnu In Cementnih Maltah Za Zajemanje Atmosferskega CO2]	Materiali in Tehnologije	57	2	135	140	0.65	10.17222/mit.2022.719

2429	Balasundaram A., Dilip G., Ashokkumar S., Manickam M., Gurunathan K., Kothandaraman D.	Detecting True Medicinal Leaves Among Similar Leaves Using Computer Vision and CNN	National Academy Science Letters	46	3	257	262	0.649	10.1007/s40009-023-01210-5
2430	Mallieswaran K., Rajendran C., Padmanabhan R., Rajasekaran S.	Evaluation of nickel shot peening process on strength of friction stir welded AA2014-T6 aluminum alloy joints [Einfluss des Nickel-Kugelstrahlverfahrens auf die Festigkeit von reibrührgeschweißten Verbindungen aus der Aluminiumlegierung AA2014-T6]	Praktische Metallographie/Practical Metallography	60	7	442	460	0.6	10.1515/pm-2022-1038
2431	Ranjan A., Mutra R.R., Kirty Y., Srinivas J., Norhisham M., Reddy D.M.	Study and failure analysis of non-drive automotive rear axle of heavy commercial vehicle	International Journal of Heavy Vehicle Systems	30	1	1	16	0.6	10.1504/IJHVS.2023.131981
2432	Vimala D., Manikandan K.	PIRAP: Intelligent Hybrid Approach for Secure Data Transmission in Wireless Sensor Networks	International Journal of Cooperative Information Systems					0.563	10.1142/S0218843023500028
2433	Rao B.N.K., Ranjana R., Challa N.P., Chakravarthi S.S., Vellingiri J.	Object Sub-Categorization and Common Framework Method using Iterative AdaBoost for Rapid Detection of Multiple Objects	Journal of Scientific and Industrial Research	82	2	185	191	0.555	10.56042/jsir.v82i2.69926

2434	Balamurugan K., Pitchai R., Supraja P., Dhanalakshmi R.	Performance Enhancement of MANET based on Cross-layered Reconfigurable Hierarchical Routing Protocol	Journal of Scientific and Industrial Research	82	3	322	327	0.555	10.56042/jsir.v82i03.71763
2435	Anuradha, Mehra S., Rathour L., Mishra L.N.	Complete orthogonally modular metric space and fixed point results for orthogonal generalized F-contraction mappings	Advanced Studies: Euro-Tbilisi Mathematical Journal	16	2	115	136	0.5	10.32513/asetmj/193220082320
2436	Lisha N.M., Kumar A.G.V.	Singular fractional technique for free convective Casson hybrid nanofluid with optically thick medium and shape effects	Indian Journal of Chemical Technology	30	4	506	523	0.5	10.56042/ijct.v30i4.71682
2437	Schellini M., BenGhida S., Ben-Ghida D., Romanelli-Assumpção F.	Academic Philistinism? The Challenges of Contemporary Artistic Research Inside Academia. Semi-structured Interviews with Visual Art Students in Brazil [¿Filisteísmo académico? Los desafíos de la investigación artística contemporánea dentro de la academia. Entrevistas semiestructuradas con estudiantes de artes visuales en Brasil]	Arte, Individuo y Sociedad	35	3	1081	1099	0.5	10.5209/aris.86280

2438	Akula N.K., Shaik S.B.	CORRELATION COEFFICIENT MEASURE OF INTUITIONISTIC FUZZY GRAPHS WITH APPLICATION IN MONEY INVESTING SCHEMES	Computing and Informatics	42	2	436	456	0.455	10.31577/cai_2023_2_436
2439	Arunachalam S.K., Devaraj S., Sridharan B.	DEEP PERONA–MALIK DIFFUSIVE MEAN SHIFT IMAGE CLASSIFICATION FOR EARLY GLAUCOMA AND STARGARDT DISEASE DETECTION	Malaysian Journal of Computer Science	36	1	14	39	0.436	10.22452/mjcs.vol36 no1.2
2440	Khan I.E., Paramasivam R.	Performance Study of an M/M/1 Retrial Queueing System with Balking, Dissatisfied Customers, and Server Vacations	Contemporary Mathematics (Singapore)	4	3	467	483	0.3	10.37256/cm.43202 33117
2441	Jain S.K., Meena G., Rathour L., Mishra L.N.	RESULTS IN b-METRIC SPACES ENDOWED WITH THE GRAPH AND APPLICATION TO DIFFERENTIAL EQUATIONS	Journal of Applied Mathematics and Informatics	41	4	883	892	0.3	10.14317/jami.2023. 883
2442	Wang F., Tarakaramu N., Govindaraju M.V., Sivakumar N., Bhagya Lakshmi K., Satya Narayana P.V., Sivajothi R.	Activation energy on three-dimensional Casson nanofluid motion via stretching sheet: Implementation of Buongiorno's model	Journal of the Indian Chemical Society	100	2			0.243	10.1016/j.jics.2023.1 00886

2443	Wang F., Tarakaramu N., Sivakumar N., Narayana P.V.S., Harish Babu D., Ramalingam S.	Three dimensional nanofluid motion with convective boundary condition in presents of nonlinear thermal radiation via stretching sheet	Journal of the Indian Chemical Society	100	2			0.243	10.1016/j.jics.2023.100887
2444	Chandrasekhar G., Rajasekaran R.	Theoretical investigations of TTR derived aggregation-prone peptides' potential to biochemically attenuate the amyloidogenic propensities of V30 M TTR amyloid fibrils	Journal of the Indian Chemical Society	100	2			0.243	10.1016/j.jics.2023.100892
2445	Vedhapriya K., Balaji G., Dhiyaneshwari B., Irfan A., Thirunavukkarasu M., Kaleeswaran S., Obairdur Rab S., Muthu S.	Effect of green solvents, molecular structure and topological studies on 4-amino-1- β -D-ribofuranosyl-1,3,5 triazin-2(1H)-one - anti-blood cancer agent	Journal of the Indian Chemical Society	100	2			0.243	10.1016/j.jics.2023.100912
2446	Gopalan V., Suthenthiraveerappa V., Govindaraman L.T., Senthilvelan S., Ramu C.V.	PREDICTION OF VIRTUAL FATIGUE PARAMETERS OF FLY ASH, BORON NITRIDE, AND SUGARCANE FIBER-REINFORCED EPOXY COMPOSITE	Composites: Mechanics, Computations, Applications	14	4	31	48	0.2	10.1615/CompMech ComputApplIntJ.2023044538
2447	Cynthiya R.J.S., Bhuvaneshwari R.	FOLKTALES FROM SIX CONTINENTS: CULTURAL INFLUENCE AND LIFE SKILL DEVELOPMENT FOR CHILDREN	Folia Linguistica et Litteraria	44		165	177	0.1	10.31902/fli.44.2023.9