

**SELECTED PUBLICATIONS LIST - 2023**

S. No.	Authors	Title	Source title	Volume	Issue	Page start	Page end	Impact Factor	DOI
1	Douglin J.C., Zamora Zeledón J.A., Kreider M.E., Singh R.K., Stevens M.B., Jaramillo T.F., Dekel D.R.	High-performance ionomerless cathode anion-exchange membrane fuel cells with ultra-low-loading Ag–Pd alloy electrocatalysts	Nature Energy	8	11	1262	1272	56.7	10.1038/s41560-023-01385-7
2	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
3	Ahmad M.G., Balamurali M.M., Chanda K.	Click-derived multifunctional metal complexes for diverse applications	Chemical Society Reviews					46.2	10.1039/d3cs00343d
4	Suman S.K.; Chandrasekaran N.; Doss C.G.P.	Micro-nanoemulsion and nanoparticle-assisted drug delivery against drug-resistant tuberculosis: recent developments	Clinical Microbiology Reviews	36	4			36.8	10.1128/cmr.00088-23
5	Alwis C.D., Porambage P., Dev K., Gadekallu T.R., Liyanage M.	A Survey on Network Slicing Security: Attacks, Challenges, Solutions and Research Directions	IEEE Communications Surveys and Tutorials			1	1	35.6	10.1109/COMST.2023.3312349
6	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

7	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.2023.2 15140
8	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.2023.2 15231
9	Siddiqui H., Singh N., Naidu P., Bhavani Srinivas Rao K., Gupta S., Kumar Srivastava A., Santosh M.S., Natarajan S., Kumar S., Dumée L.F., Rtimi S.	Emerging electrochemical additive manufacturing technology for advanced materials: Structures and applications	Materials Today					24.2	10.1016/j.mattod.202 3.10.008
10	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
11	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

12	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
13	Joseph S., Ashok Kumar S.K.	Recent advances in the photophysical detection and delivery of singlet oxygen	Coordination Chemistry Reviews	496				20.6	10.1016/j.ccr.2023.215408
14	Jayaraj R., Shetty S., Ilankumaran S., Merchant Y.	Clinical Validity and Conceptual Interpretation of Low-Dose Computed Tomography Screening in Asian Female Never-Smokers Are as Efficacious in Detecting Lung Cancer as in Asian Male Ever-Smokers	Journal of Thoracic Oncology	18	10	e118	e122	20.4	10.1016/j.jtho.2023.03.006
15	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
16	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

17	Mukhtar 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
18	Zehtabi F., Gangrade A., Tseng K., Haghniaz R., Abbasgholizadeh R., Montazerian H., Khorsandi D., Bahari J., Ahari A., Mohaghegh N., Hosseinzadeh Kouchehbaghi N., Mandal K., Mecwan M., Rashad A., Roberto de Barros N., Byun Y., Ermis M., Kim H.-J., Khademhosseini A.	Injectable Shear-Thinning Hydrogels with Sclerosing and Matrix Metalloproteinase Modulatory Properties for the Treatment of Vascular Malformations	Advanced Functional Materials					19	10.1002/adfm.202305 880
19	Falcone N., Ermis M., Gangrade A., Choroomi A., Young P., Mathes T.G., Monirizad M., Zehtabi F., Mecwan M., Rodriguez M., Zhu Y., Byun Y., Khademhosseini A., de Barros N.R., Kim H.-J.	Drug-Eluting Shear-Thinning Hydrogel for the Delivery of Chemo- and Immunotherapeutic Agents for the Treatment of Hepatocellular Carcinoma	Advanced Functional Materials					19	10.1002/adfm.202309 069

20	Sivaraman S.P.; Srinivasan P.; Madhu D.K.; Chinaraga P.K.; Rao B.C.V.S.; Nagarajan S.; Deivasigamani P.; Mohan A.M.	Molecular Probe Embedded Porous Polymer Scaffold as Solid-State Visual Sensor for Selective and Sequential Sensing of Ultra-Trace Toxic Heavy Metal Ions in Environmental/Commercial Samples	Advanced Functional Materials					19	10.1002/adfm.202310851
21	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

22	<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>	22	5			17.390	10.1016/j.autrev.2023.103310
23	<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>	173				16.799	10.1016/j.rser.2022.112903

24	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
25	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
26	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
27	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
28	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 <sub>2</sub> -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

29	Chen H., Kosiba K., Suryanarayana C., Lu T., Liu Y., Wang Y., Prashanth K.G.	Feedstock preparation, microstructures and mechanical properties for laser-based additive manufacturing of steel matrix composites	International Materials Reviews					16.1	10.1080/09506608.2023.2258664
30	M A., V M.K., Hariharan V.S., Narahari T., P A.K., K M., G P.K., Prabakaran R.	Fuelling the future: A review of non-renewable hydrogen production and storage techniques	Renewable and Sustainable Energy Reviews	188				15.9	10.1016/j.rser.2023.113791
31	Li M., Selvarajan P., Wang S., Wan T., Xi S., Wang X., Xue J., Indirathankam S.C., Geng X., Qiao L., Vinu A., Chu D., Yi J.	Thermostable 1T-MoS <sub>2</sub> Nanosheets Achieved by Spontaneous Intercalation of Cu Single Atoms at Room Temperature and Their Enhanced HER Performance	Small Structures	4	8			15.9	10.1002/ssr.202300010
32	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
33	Theerthagiri J., Karuppasamy K., Mahadi A.H., Moon C.J., Rahamathulla N., Kheawhom S., Alameri S., Alfantazi A., Murthy A.P., Choi M.Y.	Electrochemical reduction of gaseous nitric oxide into ammonia: a review	Environmental Chemistry Letters					15.7	10.1007/s10311-023-01655-6
34	Mukherjee A.G., Gopalakrishnan A.V., Jayaraj R., Renu K., Dey A., Vellingiri B., Malik T.	The incidence of male breast cancer: from fiction to reality - correspondence	International journal of surgery (London, England)	109	9	2855	2858	15.3	10.1097/JS9.0000000000000512



35	Pal S.; Bhattacharya M.; Islam M.A.; Chakraborty C.	ChatGPT or LLM in next-generation drug discovery and development: pharmaceutical and biotechnology companies can make use of the artificial intelligence-based device for a faster way of drug discovery and development	International journal of surgery (London, England)	109	12	4382	4384	15.3	10.1097/JS9.0000000000000719
36	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/sml.202207713
37	Srinivasan P., Madhu D.K., Pedugu Sivaraman S., Nagarajan S., Rao C.V.S.B., K Chinara 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
38	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

39	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
40	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/emboj.2022112466
41	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
42	Das N., Maity C.	Chemical Transformations in Supramolecular Hydrogels	ACS Catalysis			5544	5570	13.7	10.1021/acscatal.3c00411
43	Pedugu Sivaraman S., Krishna Kumar S., Srinivasan P., Madhu D.K., Kancharlapalli Chinaraga 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 <sup>2+</sup> in natural waters and cigarette samples	Journal of Hazardous Materials	459				13.6	10.1016/j.jhazmat.2023.132248

44	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
45	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
46	Douglin J.C.; Sekar A.; Singh R.K.; Chen Z.; Li J.; Dekel D.R.	Hydrogenated TiO <sub>2</sub> Carbon Support for PtRu Anode Catalyst in High-Performance Anion-Exchange Membrane Fuel Cells	Small					13.3	10.1002/smll.202307497
47	Saha P., Panda S., Holkar A., Vashishth R., Rana S.S., Arumugam M., Ashraf G.M., Haque S., Ahmad F.	Neuroprotection by agmatine: Possible involvement of the gut microbiome?	Ageing Research Reviews	91				13.1	10.1016/j.arr.2023.102056
48	Chaturvedi J., Munthasir A.T.M., Nayak A.K., Tripathi L.N., Thilagar P., Jagirdar B.R.	Shape and Phase-Controlled One-Pot Synthesis of Air Stable Cationic AgCdS Nanocrystals, Optoelectronic and Electrochemical Hydrogen Evolution Studies	Small Methods					12.4	10.1002/smt.202300907

49	Bai D.; Ziadlou R.; Vaijayanthi T.; Karthikeyan S.; Chinnathambi S.; Parthasarathy A.; Cai L.; Brüggen M.-C.; Sugiyama H.; Pandian G.N.	Nucleic acid-based small molecules as targeted transcription therapeutics for immunoregulation	Allergy: European Journal of Allergy and Clinical Immunology					12.4	10.1111/all.15959
50	Mohanto S., Faiyazuddin M., Dilip Gholap A., JC D., Bhunia A., Subbaram K., Gulzar Ahmed M., Nag S., Shabib Akhtar M., Bonilla-Aldana D.K., Sah S., Malik S., Haleem Al-qaim Z., Barboza J.J., Sah R.	Addressing the resurgence of global monkeypox (Mpox) through advanced drug delivery platforms	Travel Medicine and Infectious Disease	56				12	10.1016/j.tmaid.2023. 102636
51	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/d3ta01587 d
52	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/d3ta01590 d
53	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

54	Sathyaseelan A., Krishnamoorthy K., Pazhamalai P., Liyakath Ali N.U.H., Kim S.-J.	Value-added methanol electroreforming coupled with green hydrogen production at the edge interface of 2D boron nanosheets	Journal of Materials Chemistry A	11	38	20712	20723	11.9	10.1039/d3ta03513a
55	Sajeev A., Krishnamoorthy K., Pazhamalai P., Bhunia K., Sathyaseelan A., Kim S.-J.	Methanol-assisted energy-saving green hydrogen production using electrodeposited 3D-metallic tin as an electrocatalyst	Journal of Materials Chemistry A					11.9	10.1039/d3ta03014h
56	Pannerselvam G., Rahmani A., Mani P.	Fuzzy Event-triggered Control for Grid-connected PMSM Model with Stochastic Disturbances	IEEE Transactions on Fuzzy Systems			1	11	11.9	10.1109/TFUZZ.2023.3 330420
57	Siva P.; Vasu K.	Enhanced hydrogen evolution and symmetric supercapacitor performance of a Ru-doped multiphase WS <sub>2</sub> electrode	Journal of Materials Chemistry A					11.9	10.1039/d3ta06541c
58	Chellasamy G.; Arumugasamy S.K.; Kuppusamy S.; Ekambaram V.; Rajagopalan K.; Venkateswarlu S.; Deivasigamani P.; Choi M.J.; Govindaraju S.; Yun K.	MXene-MOF architectural hybrid- supported nickel single-atom catalysts for hydrogen evolution reactions	Journal of Materials Chemistry A					11.9	10.1039/d3ta06045d

59	Nandi S.; Singh H.D.; Shekhar P.; Chakraborty D.; Kushwaha R.; Vaidhyanathan R.	An intrinsically zwitter-ionic COF: a carboxylic acid and pseudo- tetrahedral sp <sup>3</sup> nitrogen functionalized covalent organic framework with potential for humidity sensing	Journal of Materials Chemistry A					11.9	10.1039/d3ta05416k
60	Parhi C.C.; Thirumalasetty A.B.; James A.R.; Choukiker Y.K.; Wuppulluri M.	A graphene oxide decorated BZT- CNF composite through hybrid microwave processing: an advanced multifunctional material for superior microwave shielding applications	Journal of Materials Chemistry A					11.9	10.1039/d3ta06292a
61	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
62	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.2022.1 01838
63	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.2023.1 01930
64	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.2023.1 04861

65	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
66	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
67	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
68	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
69	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

70	Shenbagamuthuraman V., Kasianantham N.	Microwave irradiation pretreated fermentation of bioethanol production from Chlorella vulgaris Biomasses: Comparative analysis of response surface methodology and artificial neural network techniques	Bioresource Technology	390				11.4	10.1016/j.biortech.2023.129867
71	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
72	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
73	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
74	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



75	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
76	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
77	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
78	Jauhari W.A., Novia Ramadhany S.C., Nur Rosyidi C., Mishra U., Hishamuddin H.	Pricing and green inventory decisions for a supply chain system with green investment and carbon tax regulation	Journal of Cleaner Production	425				11.1	10.1016/j.jclepro.2023.138897
79	Sujitha P., Shanthi C.	Importance of enzyme specificity and stability for the application of proteases in greener industrial processing- a review	Journal of Cleaner Production	425				11.1	10.1016/j.jclepro.2023.138915

80	Sasidhar K.B., Arkin G., Gowtham G., Somasundaram M., Vuppaladadiyam A.K.	Conversion of waste ship-oil sludge into renewable fuel: Assessment of fuel properties and techno-economic viability of supplementing and substituting commercial fuels	Journal of Cleaner Production	427				11.1	10.1016/j.jclepro.2023 .139362
81	Priyanka M., Saravanakumar M.P.	Removal of microplastics and refractory humic/fulvic – like components from landfill leachate using Coagulative Colloidal Gas Aphrons: Insights on dissolved organic matter fingerprints	Journal of Cleaner Production	430				11.1	10.1016/j.jclepro.2023 .139696
82	Sreehari E., Dhinesh Babu L.D.	Global Hunger Index: A multistage coefficient estimation analysis using machine learning techniques for a hunger free society	Journal of Cleaner Production	429				11.1	10.1016/j.jclepro.2023 .139515
83	Ramachandra N., Natarajan R.	An efficient power extraction approach for roof-top photovoltaic systems under immobile shade scenarios	Journal of Cleaner Production	429				11.1	10.1016/j.jclepro.2023 .139312
84	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.20 22.135827

85	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
86	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
87	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
88	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

89	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
90	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
91	Iyer M., Anand U., Thiruvankataswamy 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

92	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
93	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
94	Paul J., Ahankari S.S.	Nanocellulose-based aerogels for water purification: A review	Carbohydrate Polymers	309				10.723	10.1016/j.carbpol.2023.120677
95	Pal S.; Bhattacharya M.; Dash S.; Lee S.-S.; Chakraborty C.	A next-generation dynamic programming language Julia: Its features and applications in biological science	Journal of Advanced Research					10.7	10.1016/j.jare.2023.11.015
96	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
97	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

98	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.2023.3 304790
99	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.2023.3 301955
100	Gao J., Liu M., Li P., Laghari A.A., Javed A.R., Victor N., Gadekallu T.R.	Deep Incomplete Multi-View Clustering Via Information Bottleneck for Pattern Mining of Data in Extreme-Environment IoT	IEEE Internet of Things Journal			1	1	10.6	10.1109/JIOT.2023.33 25272
101	Karthikeyan B., Praveen Kumar G.	Thermoeconomic and optimization approaches for integrating cooling, power, and green hydrogen production in dairy plants with a novel solar- biomass cascade ORC system	Energy Conversion and Management	295				10.4	10.1016/j.enconman.2 023.117645
102	Sasidhar K.B., Somasundaram M., Yesuraj K., Hariharan S., Antunes E., Ekambaram P., Kumar Arumugam S.	Optimization and production of renewable fuels from waste cooking oil and low-density polyethylene: Evaluating fuel properties and techno-economic feasibility of diesel replacement	Energy Conversion and Management	294				10.4	10.1016/j.enconman.2 023.117558

103	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
104	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
105	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
106	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.2023.100387
107	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.2023.3234551

108	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
109	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
110	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.2023.3 243784
111	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.2023.3 264670
112	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.2023.3 280592
113	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.20 22.120507



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115	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
116	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
117	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
118	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

119	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
120	Kotei E., Thirunavukarasu R.	A Comprehensive Review on Advancement in Deep Learning Techniques for Automatic Detection of Tuberculosis from Chest X-ray Images	Archives of Computational Methods in Engineering					9.7	10.1007/s11831-023-09987-w
121	Salgotra R.; Sharma P.; Raju S.; gandomi A.H.	A Contemporary Systematic Review on Meta-heuristic Optimization Algorithms with Their MATLAB and Python Code Reference	Archives of Computational Methods in Engineering					9.7	10.1007/s11831-023-10030-1
122	Munirathinam P., Chandrasekhar A.	Wearable triboelectric nanogenerator for real-time IoT-supported security applications	Sustainable Materials and Technologies	37				9.6	10.1016/j.susmat.2023.e00700
123	Thondaiman P., Raj C.J., Manikandan R., Cristobal V., Kaya C., Kim B.C.	Structural reconstruction of N/S-assisted carbon polyhedral matrix endowed with bimetallic phosphide heterostructures for energy storage	Sustainable Materials and Technologies	38				9.6	10.1016/j.susmat.2023.e00742
124	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

125	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
126	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
127	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
128	Udduttula A.; Jakubovics N.; Khan I.; Pontiroli L.; Rankin K.S.; Gentile P.; Ferreira A.M.	Layer-by-Layer Coatings of Collagen-Hyaluronic acid Loaded with an Antibacterial Manuka Honey Bioactive Compound to Fight Metallic Implant Infections	ACS Applied Materials and Interfaces					9.5	10.1021/acsami.3c11910
129	Pugalenthayar T.; Raj C.J.; Manikandan R.; Antonysamy D.S.; Puigdollers J.; Kaya C.; Kim B.C.	Two-Dimensional Synergistic Interfacial Orientation on Tin Oxide-Reinforced Cobalt Carbonate Hydroxide Heterostructures for High-Performance Energy Storage	ACS Applied Materials and Interfaces					9.5	10.1021/acsami.3c10336
130	Hazra P.; Vadnere S.; Mishra S.; Halder S.; Mandal S.; Ghosh P.	Review on Uric Acid Recognition by MOFs with a Future in Machine Learning	ACS Applied Materials and Interfaces					9.5	10.1021/acsami.3c11210

131	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
132	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
133	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
134	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
135	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
136	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

137	Kewate O.J., Punniyakoti S.	Ti <sub>3</sub> AlC <sub>2</sub> MAX phase and Ti <sub>3</sub> C <sub>2</sub> 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
138	Poyyamozi N., Bibin C., Senthil Kumar S., Renugadevi P.	Energy storage investigation of solar pond integrated with PCM and nanoparticles during winter season in Chennai	Journal of Energy Storage	73				9.4	10.1016/j.est.2023.108704
139	Manikandan M., Kulurumotlakatla D.K., Manikandan E., Karthigeyan K.A., Al- Kahtani A.A.	Hydrothermal synthesis of rGO/ZnCoS composite for high performance asymmetric supercapacitor and HER applications	Journal of Energy Storage	72				9.4	10.1016/j.est.2023.108769
140	Ramu P., Thangavel V.	The effects of fast and normal charging, driving cycle, and a 24-hour regional climate on the performance of electric vehicle batteries	Journal of Energy Storage	73				9.4	10.1016/j.est.2023.108840
141	Afzal A., Buradi A., Jilte R., Sundara V., Shaik S., Ağbulut Ü., Alwetaishi M., Saleel C.A.	Use of modern algorithms for multi-parameter optimization and intelligent modelling of sustainable battery performance	Journal of Energy Storage	73				9.4	10.1016/j.est.2023.108910
142	Selvaraj V., Vairavasundaram I.	A comprehensive review of state of charge estimation in lithium-ion batteries used in electric vehicles	Journal of Energy Storage	72				9.4	10.1016/j.est.2023.108777
143	Rahamathulla N., Murthy A.P.	Advanced heterostructures as bifunctional electrocatalysts for overall water splitting - a review	Journal of Energy Storage	73				9.4	10.1016/j.est.2023.109127

144	Thangapandian E., Palanisamy P., Selvaraj S.K., Chadha U., Khanna M.	Detailed experimentation and prediction of thermophysical properties in lauric acid-based nanocomposite phase change material using artificial neural network	Journal of Energy Storage	74				9.4	10.1016/j.est.2023.109345
145	P K N., Chandrasekhar A.	Marriage between metal-organic frameworks/covalent-organic frameworks and triboelectric nanogenerator for energy harvesting —A review	Materials Today Energy	37				9.3	10.1016/j.mtener.2023.101393
146	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
147	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
148	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

149	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
150	Chellapandi T., Madhumitha G., Roopan S.M., Manjupriya R., Arunachalapandi M., Pouthika K., Elamathi M.	Facile synthesis route for visible active g-C3N5/MK30 nanocomposite and its computationally guided photocatalytic degradation of organic pollutants	Separation and Purification Technology	307				9.136	10.1016/j.seppur.2022.122865
151	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
152	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
153	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

154	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
155	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
156	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



157	Preethi P.S., Vickram S., Das R., Hariharan N.M., Rameshpathy M., Subbaiya R., Karmegam N., Kim W., Govarthanam M.	Bioprospecting of novel peroxidase from <i>Streptomyces coelicolor</i> strain SPR7 for carcinogenic azo dyes decolorization	Chemosphere	310				8.943	10.1016/j.chemosphere.2022.136836
158	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
159	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
160	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.chemosphere.2023.138816
161	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.chemosphere.2023.138912

162	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.2022.116823
163	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.2023.117508
164	Sasmal A., Nayak A.K.	Morphology-dependent solvothermal synthesis of spinel NiCo <sub>2</sub> O <sub>4</sub> nanostructures for enhanced energy storage device application	Journal of Energy Storage	58				8.907	10.1016/j.est.2022.106342
165	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
166	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
167	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
168	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

169	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
170	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
171	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
172	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
173	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
174	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

175	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.20 22.125300
176	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.20 22.126600
177	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.20 22.126595
178	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.20 22.126168
179	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.20 23.126826

180	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
181	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
182	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
183	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
184	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

185	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
186	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.chemosph ere.2023.139396
187	Sivakumar J., Ramamurthy K., Radhakrishnan M., Won D.	GenerativeMTD: A deep synthetic data generation framework for small datasets	Knowledge-Based Systems	280				8.8	10.1016/j.knosys.2023 .110956
188	Abilaji S., Narenkumar J., Das B., S S., Rajakrishnan R., Sathishkumar K., Rajamohan R., Rajasekar A.	Electrochemical oxidation of azo dyes degradation by RuO <sub>2</sub> -IrO <sub>2</sub> -TiO <sub>2</sub> electrode with biodegradation <i>Aeromonas</i> <i>hydrophila</i> AR1 and its degradation pathway: An integrated approach	Chemosphere	345				8.8	10.1016/j.chemosph ere.2023.140516

189	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
190	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
191	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
192	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

193	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
194	Nithyanandham D., Augustin F.	A bipolar fuzzy p-competition graph based ARAS technique for prioritizing COVID-19 vaccines[Formula presented]	Applied Soft Computing	146				8.7	10.1016/j.asoc.2023.110632
195	Nithyanandham D., Augustin F., Micheal D.R., Pillai N.D.	Energy based bipolar intuitionistic fuzzy digraph decision-making system in selecting COVID-19 vaccines	Applied Soft Computing	147				8.7	10.1016/j.asoc.2023.110793
196	Chauhan A., Shivaprakash S.J., Sabireen H., Md. A.Q., Venkataraman N.	Stock price forecasting using PSO hypertuned neural nets and ensembling[Formula presented]	Applied Soft Computing	147				8.7	10.1016/j.asoc.2023.110835
197	Thirunavukkarasu M., Lala H., Sawle Y.	Techno-economic-environmental analysis of off-grid hybrid energy systems using honey badger optimizer	Renewable Energy	218				8.7	10.1016/j.renene.2023.1119247
198	Sharma M., Kandasamy I., Vasanth W.B.	Emotion quantification and classification using the neutrosophic approach to deep learning	Applied Soft Computing	148				8.7	10.1016/j.asoc.2023.110896



199	Athulya P.A., Sunil Z., Manzo S., Chandrasekaran N.	Prepared microplastics interaction with Artemia salina under low pH conditions representing ocean acidification; a simulated environmental exposure	Journal of Environmental Management	348				8.7	10.1016/j.jenvman.2023.119367
200	Subramaniam S., Lim C.P., Rajan R., Mani P.	Synchronization of Fractional Stochastic Neural Networks: An Event Triggered Control Approach	IEEE Transactions on Systems, Man, and Cybernetics: Systems			1	11	8.7	10.1109/TSMC.2023.3325732
201	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
202	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
203	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
204	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
205	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

206	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
207	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
208	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
209	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
210	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

211	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
212	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
213	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
214	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
215	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

216	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
217	Gigi G., Mohan A.M.	Probe-impregnated monolithic polymer as a robust solid-state colorimetric chemosensor for selective sensing of Hg <sup>2+</sup> in environmental water and cigarette samples	Environmental Research	220				8.431	10.1016/j.envres.2023.115210
218	Chellapandi T., Roopan S.M., Madhumitha G.	Interfacial charge transfer of Carrisa edulis fruit extract capped Co <sub>3</sub> O <sub>4</sub> 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
219	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

220	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
221	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
222	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

223	Mathivanan D., Kamaraj C., Suseem S.R., Gandhi P.R., Malafaia G.	Seaweed <i>Sargassum wightii</i> mediated preparation of TiO <sub>2</sub> 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
224	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
225	Richhariya V., Tripathy A., Carvalho O., Julker Nine M., Losic D., Silva F.S.	Unravelling the physics and mechanisms behind slips and falls on icy surfaces: A comprehensive review and nature-inspired solutions	Materials and Design	234				8.4	10.1016/j.matdes.2023.112335
226	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
227	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

228	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.20 23.116718
229	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
230	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
231	Yamini V., Shanmugam V., Rameshpathy M., Venkatraman G., 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
232	Anavadya K.K., Vijayalakshmi U.	A comprehensive review of fabrication techniques and their impact on mechanical behaviour and osteoregenerative applications of bioactive inorganic substituents	Materials Research Letters	11	10	821	855	8.3	10.1080/21663831.20 23.2250110

233	Vimal K.E.K., Rashmi D., Sivakumar K., Kandasmay J., Paranitharan K.P., Venkataraman B.	Developing a Delphi assisted total interpretive structural model (D-TISM) for adopting the Industry 4.0 technologies within Lean Six Sigma framework	Production Planning and Control					8.3	10.1080/09537287.2023.2251014
234	Babu Ponnusami A., Sinha S., Ashokan H., V Paul M., Hariharan S.P., Arun J., Gopinath K.P., Hoang Le Q., Pugazhendhi A.	Advanced oxidation process (AOP) combined biological process for wastewater treatment: A review on advancements, feasibility and practicability of combined techniques	Environmental Research	237				8.3	10.1016/j.envres.2023.116944
235	Pavoor Veedu A., Kuppusamy S., Mohan A.M., Deivasigamani P.	Chromogenic probe adhered porous polymer monolith as real-time solid-state sensor for the detection of ultra-trace toxic mercury ions	Environmental Research	239				8.3	10.1016/j.envres.2023.117399
236	Mohan K., Lakshmanan V.R.	A critical review of the recent trends in source tracing of microplastics in the environment	Environmental Research	239				8.3	10.1016/j.envres.2023.117394
237	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
238	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



239	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
240	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
241	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
242	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
243	Thirumalaikumar E., Vimal S., Sathishkumar R., Ravi M., Karthick V., Ramya S., Thomas J., Kumar V., Kamaraj C., Citarasu T.	DNA vaccine incorporated poly (lactic-co-glycolic) acid (PLGA) microspheres offer enhanced protection against Aeromonas hydrophila infection	International Journal of Biological Macromolecules	253				8.2	10.1016/j.ijbiomac.2023.127182

244	Renu K., Mukherjee A.G., Gopalakrishnan A.V., Wanjari U.R., Kannampuzha S., Murali R., Veeraraghavan V.P., Vinayagam S., Paz-Montelongo S., George A., Vellingiri B., Madhyastha H.	Protective effects of macromolecular polyphenols, metals (zinc, selenium, and copper) - Polyphenol complexes, and different organs with an emphasis on arsenic poisoning: A review	International Journal of Biological Macromolecules	253				8.2	10.1016/j.ijbiomac.2023.126715
245	Mohanto S., Narayana S., Merai K.P., Kumar J.A., Bhunia A., Hani U., Al Fatease A., Gowda B.H.J., Nag S., Ahmed M.G., Paul K., Vora L.K.	Advancements in gelatin-based hydrogel systems for biomedical applications: A state-of-the-art review	International Journal of Biological Macromolecules	253				8.2	10.1016/j.ijbiomac.2023.127143
246	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
247	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
248	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

249	Chinnadurai K., Kasianantham N.	Impact on combustion stability, fuel economy and emission compliance with butanol enrichment strategy in gasoline engine – A drop-in fuel approach	Fuel Processing Technology	246				8.129	10.1016/j.fuproc.2023.107756
250	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
251	Thangavel V., Subramanian B., Ponnusamy V.K.	Investigations on the effect of H <sub>2</sub> and HHO gas induction on brake thermal efficiency of dual-fuel CI engine	Fuel	337				8.035	10.1016/j.fuel.2022.126888
252	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
253	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 <i>Coelastrella</i> sp. M60 – an integrated approach	Fuel	333				8.035	10.1016/j.fuel.2022.126427

254	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
255	Sathish T., Ağbulut Ü., Muthukumar K., Saravanan R., Alwetaishi M., Shaik S., Saleel C.A.	Pore size variation of nanoporous 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
256	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
257	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

258	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
259	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
260	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
261	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
262	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

263	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
264	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
265	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
266	Zhou J., Hai T., Jawawi D.N.A., Wang D., Lakshmana K., Maddikunta P.K.R., Iwendi M.	A lightweight energy consumption ensemble-based botnet detection model for IoT/6G networks	Sustainable Energy Technologies and Assessments	60				8	10.1016/j.seta.2023.103454
267	Deepika S., Arunachalam V.	Design of high performance and energy efficient convolution array for convolution neural network-based image inference engine	Engineering Applications of Artificial Intelligence	126				8	10.1016/j.engappai.2023.106953
268	Afzal A., Jilte R., Samee M., Ağbulut U., Shaik S., Park S.G., Alwetaishi M.	Melting numerical simulation of hydrated salt phase change material in thermal management of cylindrical battery cells using enthalpy-porosity model	Sustainable Energy Technologies and Assessments	59				8	10.1016/j.seta.2023.103395

269	Srilakshmi G., Praveen Joe I.R.	Sports video retrieval and classification using focus u-net based squeeze excitation and residual mapping deep learning model	Engineering Applications of Artificial Intelligence	126				8	10.1016/j.engappai.2023.107176
270	Priyadarshini R., Quadir Md A., Mohan S., Alghamdi A., Alrizq M., Mohamad U.H., Ahmadian A.	Novel framework based on ensemble classification and secure feature extraction for COVID-19 critical health prediction	Engineering Applications of Artificial Intelligence	126				8	10.1016/j.engappai.2023.107156
271	Prabhavathy T.; Elumalai V.K.; Balaji E.; Sandhiya D.	A surface electromyography based hand gesture recognition framework leveraging variational mode decomposition technique and deep learning classifier	Engineering Applications of Artificial Intelligence					8	10.1016/j.engappai.2023.107669
272	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
273	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

274	Kuppusamy S., Jagadeesan D., Mohan A.M., Pavor Veedu A., Jiji A.E., John A.M., Deivasigamani P.	NH2-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
275	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
276	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
277	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



278	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
279	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
280	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
281	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
282	Priya S., Ilaiyaraja P., Priyadarshini N., Subalekha N.	Effective removal of uranium (VI) using magnetic acid functionalized Fe <sub>3</sub> O <sub>4</sub> @TiO <sub>2</sub> nanocomposite from aqueous solutions	Process Safety and Environmental Protection	178		480	493	7.8	10.1016/j.psep.2023.08.034
283	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

284	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
285	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
286	Malik M., Vijayakumar V., Shukla A.	Controllability of discrete-time semilinear Riemann–Liouville- like fractional equations	Chaos, Solitons and Fractals	175				7.8	10.1016/j.chaos.2023.113959
287	Silambarasan R., Nisar K.S.	Doubly periodic solutions and non-topological solitons of 2+1- dimension Wazwaz Kaur Boussinesq equation employing Jacobi elliptic function method	Chaos, Solitons and Fractals	175				7.8	10.1016/j.chaos.2023.113997
288	Panda S.K., Vijayakumar V.	Results on finite time stability of various fractional order systems	Chaos, Solitons and Fractals	174				7.8	10.1016/j.chaos.2023.113906
289	Durga N., Djemai M., Chalishajar D.N.	Solvability and trajectory controllability of impulsive stochastic MHD equations with Rosenblatt process	Chaos, Solitons and Fractals	175				7.8	10.1016/j.chaos.2023.114013
290	Panda S.K., Nagy A.M., Vijayakumar V., Hazarika B.	Stability analysis for complex- valued neural networks with fractional order	Chaos, Solitons and Fractals	175				7.8	10.1016/j.chaos.2023.114045

291	Pattanaik S., Savant A.S., Srivastava H., Jeevanantham A.K., Ramakrishnan P., Kasianantham N., Sakthivadivel D., Alaswad A., Awotwee T.	Combined mixture process design approach for flexible fuel maps development of ternary blends operated gasoline engine	Process Safety and Environmental Protection	180		1104	1117	7.8	10.1016/j.psep.2023.1 0.047
292	Panda S.K.; Vijayakumar V.; Nagy A.M.	Complex-valued neural networks with time delays in the Lp sense: Numerical simulations and finite time stability	Chaos, Solitons and Fractals	177				7.8	10.1016/j.chaos.2023. 114263
293	Subramanian D.; Subramaniam S.; Natarajan K.; Thangavel K.	Flamingo Jelly Fish search optimization-based routing with deep-learning enabled energy prediction in WSN data communication	Network: Computation in Neural Systems					7.8	10.1080/0954898X.20 23.2279971
294	Das S.; Devi Rajeswari V.; Venkatraman G.; Elumalai R.; Dhanasekaran S.; Ramanathan G.	Current updates on metabolites and its interlinked pathways as biomarkers for diabetic kidney disease: A systematic review	Translational Research					7.8	10.1016/j.trsl.2023.11. 002
295	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.2023.1 03017
296	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.202 2.110894

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298	Manochkumar J., Cherukuri A.K., Kumar R.S., Almansour A.I., Ramamoorthy S., Efferth T.	A critical review of machine- learning for “multi-omics” marine metabolite datasets	Computers in Biology and Medicine	165				7.7	10.1016/j.compbiome d.2023.107425
299	Ashina C., Pugazhenthiran N., Sathishkumar P., Selvaraj M., Assiri M.A., Rajasekaran C., Gracia- Pinilla M.A., Mangalaraja R.V.	Ultra-small Ni@NiFe <sub>2</sub> O <sub>4</sub> /TiO <sub>2</sub> magnetic nanocomposites activated peroxymonosulphate for solar light-driven photocatalytic mineralization of Simazine	Journal of Environmental Chemical Engineering	11	6			7.7	10.1016/j.jece.2023.1 11342
300	Wang C.; Kumar T.S.; Raedt W.D.; Camps G.; Hallez H.; Vanrumste B.	Eat-Radar: Continuous Fine- Grained Intake Gesture Detection Using FMCW Radar and 3D Temporal Convolutional Network with Attention	IEEE Journal of Biomedical and Health Informatics			1	12	7.7	10.1109/JBHI.2023.33 39703
301	Patro K.K.; Prakash A.J.; Sahoo J.P.; Routray S.; Baihan A.; Samee N.A.; Huang G.	SMARTSeiz: Deep Learning with Attention Mechanism for Accurate Seizure Recognition in IoT Healthcare Devices	IEEE Journal of Biomedical and Health Informatics			1	9	7.7	10.1109/JBHI.2023.33 36935
302	Mohapatra P.; Panda A.K.; N V.R.N.; Lenka R.K.; Senapati L.	ANF-MAP Based Multipurpose Control Approach for Single- Stage Grid-Connected PV System	IEEE Transactions on Industrial Electronics			1	10	7.7	10.1109/TIE.2023.334 2307

303	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
304	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 <i>Chlamydomonas reinhardtii</i>	Cells	12	4			7.666	10.3390/cells12040553
305	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
306	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
307	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

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309	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
310	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
311	Wongchai A., Aoudni Y., Yesubabu M., Ahmad Reegu F., Vasanth 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
312	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

313	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
314	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
315	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
316	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
317	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

318	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.20 23.114832
319	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.conbuildm at.2023.132501
320	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.conbuildm at.2022.129933
321	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.conbuildm at.2023.132535



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323	Sathish Kumar T., Ashok B.	Optimization of flex fuel parameters to improve the characteristics of methanol powered direct injection spark ignition engine	Fuel	354				7.4	10.1016/j.fuel.2023.129370
324	Biradar A., Arulvel S., Kandasamy J., Hameed Sultan M.T., Shahar F.S., Najeeb M.I., Gaff M., Hui D.	Nanocoatings for ballistic applications: A review	Nanotechnology Reviews	12	1			7.4	10.1515/ntrev-2023-0574
325	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
326	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

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328	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
329	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
330	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

331	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
332	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
333	Faiyazuddin M., Sophia A., Ashique S., Gholap A.D., Gowri S., Mohanto S., Karthikeyan C., Nag S., Hussain A., Akhtar M.S., Bakht M.A., Ahmed M.G., Rustagi S., Rodriguez-Morales A.J., Salas-Matta L.A., Mohanty A., Bonilla-Aldana D.K., Sah R.	Virulence traits and novel drug delivery strategies for mucormycosis post-COVID-19: a comprehensive review	Frontiers in Immunology	14				7.3	10.3389/fimmu.2023.1264502
334	Sunil Z.; Thomas J.; Shivashankar M.; Chandrasekaran N.	The impact of nano-polystyrene on human serum albumin-paracetamol interactions: understanding the impact on therapeutic development and safety	Environmental Science: Nano					7.3	10.1039/d3en00599b

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336	Jagadeesan D., Deivasigamani P.	Facile fabrication of novel In <sub>2</sub> S <sub>3</sub> -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
337	Shaik S., Roy A., Arici M., Kontoleon K.J., Afzal A., Li D.	Air-conditioning cost savings, CO <sub>2</sub> 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
338	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.2023.08.096
339	Barathy T R., Yadav P.V.K., Mondal A., Ajitha B., Jarugala J., Kumar Reddy Y.A.	High porosity and oxygen vacancy enriched WO <sub>3-x</sub> thin films for room temperature hydrogen gas sensors	International Journal of Hydrogen Energy					7.2	10.1016/j.ijhydene.2023.07.218

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341	Pai S.H.S., Mondal A., Barathy T R., Ajitha B., Samuel E J.J., Reddy Y.A.K.	Effect of calcination temperature on NiO for hydrogen gas sensor performance	International Journal of Hydrogen Energy					7.2	10.1016/j.ijhydene.2023.07.345
342	Gothandapani K., Jeniffer R.S., Tamil Selvi G., Velmurugan V., Assaifan A.K., Alzahrani K.E., Albrithen H., Muthuramamoorthy M., Pandiaraj S., Pitchaimuthu S., Alodhayb A.N., Grace A.N.	Nickel nanoparticles supported on carbon surface as an electrocatalyst for hydrogen evolution reaction	International Journal of Hydrogen Energy					7.2	10.1016/j.ijhydene.2023.08.027
343	Sharma S., Shanmugam R., Harikrishna R.B., Prasad U., Ranga Rao G., Kannan A.M.	Y2O3 electrodeposited TiO2 nanotube arrays as photoanode for enhanced photoelectrochemical water splitting	International Journal of Hydrogen Energy					7.2	10.1016/j.ijhydene.2023.07.176

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345	Baiju S., Masuda U., Datta S., Tarefder K., Chaturvedi J., Ramakrishna S., Tripathi L.N.	Photo-electrochemical green-hydrogen generation: Fundamentals and recent developments	International Journal of Hydrogen Energy					7.2	10.1016/j.ijhydene.2023.10.210
346	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.2023.02.061
347	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.2023.05.047
348	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

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350	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
351	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
352	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
353	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

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355	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
356	Mukherjee A.G., Valsala Gopalakrishnan A.	The interplay of arsenic, silymarin, and NF- $\kappa$ B pathway in male reproductive toxicity: A review	Ecotoxicology and Environmental Safety	252				7.129	10.1016/j.ecoenv.2023.114614
357	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
358	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.2023.107294



359	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.2022.3 178629
360	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.2023.3 266614
361	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.2023.3 278991
362	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
363	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.icheatmas stransfer.2023.1069 81

364	Balasubramaniam S., Joe C.V., Sivakumar T.A., Prasanth A., Satheesh Kumar K., Kavitha V., Dhanaraj R.K.	Optimization Enabled Deep Learning-Based DDoS Attack Detection in Cloud Computing	International Journal of Intelligent Systems	2023				7	10.1155/2023/2039217
365	Ghosh S., Indrakumar S., Ghosh S., Gopal V., Nilawar S., Manivasagam G., Kesave J.S., Suwas S., Chatterjee K.	Surface nanocrystallization enhances the biomedical performance of additively manufactured stainless steel	Journal of Materials Chemistry B					7	10.1039/d3tb01534c
366	Prakash M., Neelakandan S., Tamilselvi M., Velmurugan S., Baghavathi Priya S., Ofori Martinson E.	Deep Learning-Based Wildfire Image Detection and Classification Systems for Controlling Biomass	International Journal of Intelligent Systems	2023				7	10.1155/2023/7939516
367	Chellatamilan T.; Narayanasamy S.K.; Garg L.; Srinivasan K.; Islam S.M.N.	Ensemble Text Summarization Model for COVID-19-Associated Datasets	International Journal of Intelligent Systems	2023				7	10.1155/2023/3106631
368	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
369	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

370	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
371	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
372	Pandiyaraju V.; Ganapathy S.; Mohith N.; Kannan A.	An optimal energy utilization model for precision agriculture in WSNs using multi-objective clustering and deep learning	Journal of King Saud University - Computer and Information Sciences	35	10			6.9	10.1016/j.jksuci.2023.101803
373	Sarangi P.; Mohapatra P.	Evolved opposition-based Mountain Gazelle Optimizer to solve optimization problems	Journal of King Saud University - Computer and Information Sciences	35	10			6.9	10.1016/j.jksuci.2023.101812
374	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	10.1080/09537287.2023.2202173
375	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	10.1080/09537287.2023.2217419

376	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
377	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.2023.06.040
378	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
379	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
380	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

381	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
382	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
383	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.2023.00495
384	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
385	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
386	Harini R., Maheswari N., Ganapathy S., Sivagami M.	An effective technique for detecting minority attacks in NIDS using deep learning and sampling approach	Alexandria Engineering Journal	78		469	482	6.8	10.1016/j.aej.2023.07.063

387	Patil S.M., Venkatesan R.	Bandwidth enhancement of substrate integrated waveguide cavity-backed half bow-tie complementary-ring slot antenna for Ku-band applications	Alexandria Engineering Journal	81		46	54	6.8	10.1016/j.aej.2023.08.082
388	Sunil Kumar K., Suryaprakash Kalos P., Nishat Akhtar M., Shaik S., Sundara V., Fayaz H., Afghan Khan S., Asif M.	Experimental and theoretical analysis of exhaust manifold by uncoated and coated ceramics (Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> and ZrO <sub>2</sub> )	Case Studies in Thermal Engineering	50				6.8	10.1016/j.csite.2023.103465
389	Cuce E., Cuce P.M., Alvur E., Yilmaz Y.N., Saboor S., Ustabas I., Linul E., Asif M.	Experimental performance assessment of a novel insulation plaster as an energy-efficient retrofit solution for external walls: A key building material towards low/zero carbon buildings	Case Studies in Thermal Engineering	49				6.8	10.1016/j.csite.2023.103350
390	Ma Y.-K., Mohan Raja M., Shukla A., Vijayakumar V., Nisar K.S., Thilagavathi K.	New results on approximate controllability of fractional delay integrodifferential systems of order $1 < r < 2$ with Sobolev-type	Alexandria Engineering Journal	81		501	518	6.8	10.1016/j.aej.2023.09.043
391	Subramanian M., Easwaramoorthy Sathiskumar V., Deepalakshmi G., Cho J., Manikandan G.	A survey on hate speech detection and sentiment analysis using machine learning and deep learning models	Alexandria Engineering Journal	80		110	121	6.8	10.1016/j.aej.2023.08.038

392	Ramachandran E., Krishnaiah R., Venkatesan E.P., Parida S., Reddy Dwarshala S.K., Khan S.A., Asif M., Linul E.	Prediction of RCCI combustion fueled with CNG and algal biodiesel to sustain efficient diesel engines using machine learning techniques	Case Studies in Thermal Engineering	51				6.8	10.1016/j.csite.2023.1 03630
393	Kaveripakam S., Chinthaginjala R.	Clustering-based dragonfly optimization algorithm for underwater wireless sensor networks	Alexandria Engineering Journal	81		580	598	6.8	10.1016/j.aej.2023.09. 047
394	Satheesh A., Moolya S., Al Jadidi S., Kanna P.R., Taler D., Sobota T., Taler J.	Optimization of the effect of sinusoidal phase shift heating on mixed convective in an enclosure: LBM approach	Case Studies in Thermal Engineering	52				6.8	10.1016/j.csite.2023.1 03625
395	Mahitha O., Golla V.K.A.	Magnetite/engine oil Casson nanofluid flow over a Riga plate with Atangana–Baleanu fractional derivative	Case Studies in Thermal Engineering	52				6.8	10.1016/j.csite.2023.1 03712
396	Kaveripakam S., Chinthaginjala R., Naik C., Pau G., Ab Wahab M.N., Akbar M.F., Dhanamjayulu C.	Dingo optimization influenced arithmetic optimization – Clustering and localization algorithm for underwater acoustic sensor networks	Alexandria Engineering Journal	85		60	71	6.8	10.1016/j.aej.2023.11. 025
397	Kolla B.; Venugopal P.	Breast cancer diagnosis through knowledge distillation of Swin transformer-based teacher- student models	Machine Learning: Science and Technology	4	4			6.8	10.1088/2632- 2153/ad10cc

398	Gnanasekaran M.; Satheesh A.	Numerical simulation of MHD double-diffusive mixed convection in a closed cavity filled with liquid potassium alloy: Incorporating thermosolutal source	Case Studies in Thermal Engineering	52				6.8	10.1016/j.csite.2023.103772
399	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
400	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
401	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
402	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



403	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
404	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
405	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
406	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
407	El Ouarie N., El Hamdaoui J., Sahoo G.S., Rodriguez-Osorio K.G., Courel M., Zazoui M., Pérez L.M., Laroze D., Feddi E.	Modeling of highly efficient CNGS based kesterite solar cell: A DFT study along with SCAPS-1D analysis	Solar Energy	263				6.7	10.1016/j.solener.202 3.111929

408	Pai A., Kumar B.	Experimental investigation of TABS and all air system in tropical savanna climate: A thermal comfort and energy performance study	Energy and Buildings	299				6.7	10.1016/j.enbuild.2023.113593
409	Kontoleon K.J., Saboor S., Mazzeo D., Pirouz B., Benzaama M.-H., Kotsovinos P., Arıcı M.	The impact of thermal insulation on the vulnerability of hollow masonry walls under elevated temperatures	Energy and Buildings	298				6.7	10.1016/j.enbuild.2023.113522
410	Chellasamy G., Arumugasamy S.K., Rajagopalan K., Kuppusamy S., Deivasigamani P., Lee K.-N., Govindaraju S., Yun K.	Fluorescent gold clusters for specific detection of SARS-CoV-2 nucleoprotein via fluorescence and electrochemical method	Applied Surface Science	641				6.7	10.1016/j.apsusc.2023.158511
411	Rajesh S., Chiranjeevi C.	Experimental investigations on a sustainable cogeneration system for power and desalination with 4-E analysis	Solar Energy	264				6.7	10.1016/j.solener.2023.112046
412	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.compbio.2022.106315
413	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.2023.106662

414	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
415	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
416	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
417	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
418	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

419	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
420	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 <sup>3+</sup> 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
421	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
422	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.2022.06.038
423	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.2022.07.016

424	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
425	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
426	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
427	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
428	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.2023.0 4.070

429	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
430	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
431	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
432	K D., Singh A.K.	Highly performed electrochemical activities of hybrid supercapacitors based on CeO <sub>2</sub> -Sm <sub>2</sub> O <sub>3</sub> nanocomposites	Electrochimica Acta	466				6.6	10.1016/j.electacta.2023.143008
433	Rehan M., Javed A.R., Kryvinska N., Gadekallu T.R., Srivastava G., Jalil Z.	Supply Chain Management Using an Industrial Internet of Things Hyperledger Fabric Network	Human-centric Computing and Information Sciences	13				6.6	10.22967/HGIS.2023.13.004
434	Pei J., Yu Z., Li J., Jan M.A., Lakshmana K.	TKAGFL: A Federated Communication Framework under Data Heterogeneity	IEEE Transactions on Network Science and Engineering	10	5	2651	2661	6.6	10.1109/TNSE.2022.3177748

435	Dhayanithi C.A., Palpandi K., Raman N., Babu S.G.	Development of amine-based transition metal MOFs as efficient electrochemical sensors for the detection of chloramphenicol in food and pharmaceutical samples	Electrochimica Acta	470				6.6	10.1016/j.electacta.2023.143358
436	Jeevanantham B., Vignesh D., Shobana M.K., Pazhanivel T., Thangappan R., Kavita S.	Theoretical and Experimental Insights of Magnesium-doped Cobalt Ferrites for Supercapacitor Applications	Electrochimica Acta	470				6.6	10.1016/j.electacta.2023.143309
437	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
438	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 <sup>-</sup> ions in food samples	Talanta	264				6.556	10.1016/j.talanta.2023.124726
439	Christudoss A.C., Dimkpa C.O., Mukherjee A.	Eco-corona formation diminishes the cytogenotoxicity of graphene oxide on Allium cepa: Role of soil extracted-extracellular polymeric substances in combating oxidative stress	Plant Physiology and Biochemistry	204				6.5	10.1016/j.plaphy.2023.108123

440	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
441	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
442	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
443	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
444	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
445	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



446	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.applthermaleng.2023.121211
447	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
448	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
449	Selvaraj V.K., Subramanian J., Jayamani E., Viswanath S., Pandurengan K., Siddharth S., Lal P.J.	A comparative study on biocomposites for electromagnetic interference shielding applications: A green initiative for environmental sustainability	Journal of Materials Research and Technology	26		5786	5800	6.4	10.1016/j.jmrt.2023.08.290
450	Devendranath Ramkumar K., Vishnu Arvind A., Rama Aravinth K.V., Srivatson E., Ganguly S.	Effect of solutionizing and double ageing treatments on the microstructural characteristics and tensile properties of Inconel 718 welds	Journal of Materials Research and Technology	26		6255	6265	6.4	10.1016/j.jmrt.2023.09.016
451	Sanjeev K.G., Subathra Devi C.	Formulation of cost-effective medium and optimization studies for enhanced production of rapamycin	Microbial Cell Factories	22	1			6.4	10.1186/s12934-023-02201-3

452	Raneri S., Mancini L., Lanzafame G., Kao A.P., Giannoukos K., Malladi R.C., Kumar M.S., Palleschi V., Selvaraj T.	From ancient lime mortar recipes to organic laboratory replicas: Interpreting forced carbonation through 3D microstructural architecture	Journal of Building Engineering	78				6.4	10.1016/j.jobe.2023.107754
453	Budamala V., Wadhwa A., Das Bhowmik R., Mahindrakar A., Satyaji Rao Yellamelli R., Kasiviswanathan K.S.	Multi-temporal downscaling of daily to sub-daily streamflow for flash flood watersheds at ungauged stations using a hybrid framework	Journal of Hydrology	625				6.4	10.1016/j.jhydrol.2023.130110
454	Fang Y., Ma P., Wei S., Zhang Z., Yang D., Yang H., Wan S., Prashanth K.G., Jia Y.	Selective laser melting of AlCoCrFeMnNi high entropy alloy: Effect of heat treatment	Journal of Materials Research and Technology	26		7845	7856	6.4	10.1016/j.jmrt.2023.09.121
455	Yang Z., Ma P., Zhang N., Yang D., Konda Gokuldoss P., Jia Y.	Microstructure and tribological behavior of Al-12Si – Nano graphene composite fabricated by laser metal deposition process	Journal of Materials Research and Technology	27		2311	2322	6.4	10.1016/j.jmrt.2023.10.095
456	Ahmad S., Egilmez M., Shanmugam R., Abuzaid W., Sharma S., Gangavarapu R.R., Mustafa F., El-Khatib S., Alawadhi H., Kannan A.M.	Electrochemical Hydrogen Evolution Reaction Evaluation of CoNi(Cr/V) Medium-Entropy Alloys in an Acidic Environment	ACS Applied Energy Materials					6.4	10.1021/acsaem.3c01827
457	Patil V.V., Mohanty C.P., Prashanth K.G.	Selective laser melting of a novel 13Ni400 maraging steel: Material characterization and process optimization	Journal of Materials Research and Technology	27		3979	3995	6.4	10.1016/j.jmrt.2023.10.193

458	Ravaria P., Saxena P., Laksmi 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
459	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
460	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
461	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
462	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 <sub>2</sub> nanoparticles: An investigation by synchrotron-based experimental techniques	Journal of Alloys and Compounds	933				6.371	10.1016/j.jallcom.2022.167739

463	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
464	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
465	Aishwarya K., Navamathavan R.	Effect of grain size and orthorhombic phase of La doped BiFeO <sub>3</sub> on thermoelectric properties	Journal of Alloys and Compounds	947				6.371	10.1016/j.jallcom.2023.169452
466	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
467	Sivakumar P., Kulandaivel L., Park J., Raj C.J., Manikandan R., Jung H.	MOF-derived flower-like ZnCo <sub>2</sub> O <sub>4</sub> /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

468	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
469	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
470	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
471	Peng C., Jia Y., Liang J., Xu L., Wang G., Mu Y., Sun K., Ma P., Prashanth K.G.	Electron beam melting of (FeCoNi) <sub>86</sub> Al <sub>7</sub> Ti <sub>7</sub> high-entropy alloy	Journal of Alloys and Compounds	960				6.371	10.1016/j.jallcom.2023.170752
472	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
473	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

474	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
475	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
476	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
477	Manickam G., Polit O., Balaji L., Asha Kumar M., Dineshkumar S.	Variable-stiffness curved laminated-beams by curvilinear fibers with arbitrarily layup – Vibrational features by sine-based higher-order beam model with renewed-constitutive relations and improved-kinematics	Composite Structures	324				6.3	10.1016/j.compstruct.2023.117514
478	Chu Y.-M., Jakeer S., Reddy S.R.R., Rupa M.L., Trabelsi Y., Khan M.I., Hejazi H.A., Makhdom 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

479	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 <sub>3</sub> –NaNO <sub>3</sub> and KNO <sub>3</sub> –NaNO <sub>3</sub> –NaNO <sub>2</sub> PCM absorber: A case study	Case Studies in Thermal Engineering	44				6.268	10.1016/j.csite.2023.102854
480	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
481	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
482	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
483	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

484	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
485	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 <sub>2</sub> O <sub>3</sub> 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
486	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
487	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
488	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



489	Erattampambal 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
490	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
491	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
492	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
493	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

494	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
495	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
496	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
497	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

498	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
499	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
500	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
501	Raja N., Yadav S., Kumar A., Gautam G.	Hot working and microstructural response of ultrasonically fabricated 2 wt%ZrB <sub>2</sub> /AA7068 composite	Journal of Alloys and Compounds	965				6.2	10.1016/j.jallcom.2023.171412
502	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
503	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

504	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 <sub>3</sub> O <sub>4</sub> nanoarchitecture electrode material toward next-generation energy storage device	Surfaces and Interfaces	40				6.2	10.1016/j.surfin.202 3.103110
505	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
506	Maruthasalamoorthy S., Aishwarya K., Thenmozhi R., Nirmala R., Nagarajan C., Navamathavan R.	Superior cyclic stability and electrochemical performance of La supported Bi <sub>2</sub> S <sub>3</sub> @g- C <sub>3</sub> N <sub>4</sub> //rGO heterostructure composite for asymmetric supercapacitor devices	Journal of Alloys and Compounds	967				6.2	10.1016/j.jallcom.20 23.171696
507	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
508	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

509	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
510	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
511	Ahmed R.F.S.M., Swamy S.K.K., Chandrasekhar G.S., Ankanathappa S.M., Chandrasekhar A., Sannathammegowda K.	Clitoria ternatea flower extract: Biopolymer composite-based triboelectric nanogenerator as a self-powered smart counter	Surfaces and Interfaces	42				6.2	10.1016/j.surfin.2023.103369
512	Kesavamoorthi R., Mohan Ganesh G.	Impact resistance of micro and macro crimped steel fibre reinforced self-compacting concrete with SCM	Case Studies in Construction Materials	19				6.2	10.1016/j.cscm.2023.e02452
513	Kuppusamy S., Krishna Kumar S., Mohan A.M., Deivasigamani P.	Metal-organic framework and porous polymer monolith as ion-receptor carrier templates for the solid-state naked-eye sensing of ultra-trace Cr(III) from aqueous medium	Surfaces and Interfaces	42				6.2	10.1016/j.surfin.2023.103418
514	Kareem A., Senthilkumar S.	Zn <sub>x</sub> Ni <sub>1-x</sub> Se <sub>2</sub> nanoparticles grown on functionalized nickel foam as binder-free electrocatalysts for HER in acidic and alkaline media	Surfaces and Interfaces	42				6.2	10.1016/j.surfin.2023.103343

515	S. A., D. D.W.R., Jain A., Kandasamy J., Singhal M.	Laser processing techniques for surface property enhancement: Focus on material advancement	Surfaces and Interfaces	42				6.2	10.1016/j.surfin.2023.103293
516	Roy N., Neerugatti K.R.E., Sinha A., Mukherjee A.	Ceria-decorated zeolite nanocomposite for synergistic adsorption and photocatalytic degradation of caffeine	Surfaces and Interfaces	43				6.2	10.1016/j.surfin.2023.103515
517	Sujitha Magdalene P., Karthikeyan B., Selvaraj S.K., Deepika S., Alqaryouti Y., Seif Eldin H.M., Azab M.	Ultra-high-performance concrete with Iron ore tailings and non-metallic and hybrid fibers-A comprehensive experimental study	Case Studies in Construction Materials	19				6.2	10.1016/j.cscm.2023.e02544
518	Aishwarya K., Navamathavan R.	Carrier and morphologically tailored thermoelectric properties of MBi2O4 (M=Cu, Ni, and Zn) kusachiites	Surfaces and Interfaces	42				6.2	10.1016/j.surfin.2023.103440
519	Bharath H.; Venkatesan K.	Study on tool wear mechanism and chip morphology during turning of Inconel 713C by textured inserts	Journal of Manufacturing Processes	108		708	745	6.2	10.1016/j.jmapro.2023.11.003
520	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
521	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/acsnm.2c04584

522	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/acsnm.2c05081
523	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
524	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 <sup>2/3</sup> Cu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> ceramics for optical limiting applications	Surfaces and Interfaces	39				6.137	10.1016/j.surfin.2023.102965
525	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
526	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

527	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
528	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
529	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
530	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
531	George S., Serpe L.	Exploring the redox potential induced by low-intensity focused ultrasound on tumor masses	Life Sciences	332				6.1	10.1016/j.lfs.2023.122040
532	Rithvik A., Samarpita S., Rasool M.	Unleashing the pathological imprinting of cancer in autoimmunity: Is ZEB1 the answer?	Life Sciences	332				6.1	10.1016/j.lfs.2023.122115



533	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
534	Ghosh P., Roy P.	Structure-metal ion selectivity of rhodamine-based chemosensors	Chemical Communications					6.065	10.1039/d3cc00651d
535	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
536	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
537	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
538	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
539	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

540	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
541	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
542	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
543	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
544	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
545	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
546	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

547	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
548	Saranya J., Saminathan P., Christabel Pravin S., Shaik M.R., Alwarthan A., Khan M., Shaik B.	Qualitative assessment on cisplatin loaded CeO <sub>2</sub> /Au/GO hybrid as theranostics platform in HeLa cell lines	Arabian Journal of Chemistry	16	9			6	10.1016/j.arabjc.202 3.105096
549	Sarathy R., Ravi Sankar J.	Applications on color (distance) signless laplacian energy of annihilator monic prime graph of commutative rings	Ain Shams Engineering Journal					6	10.1016/j.asej.2023.10 2469
550	Samuel P., Vinothini A., Kanniappan J.	POLSTM: Poplar optimization- based long short term memory model for resource allocation in cloud environment	Computer Communications	211		11	23	6	10.1016/j.comcom.20 23.08.008
551	Dar M.S., Tabish T.A., Thorat N.D., Swati G., Sahu N.K.	Photothermal therapy using graphene quantum dots	APL Bioengineering	7	3			6	10.1063/5.0160324
552	Rahul M.P., Clement J.	QSPR analysis of carbon allotropes by employing molecular descriptors and information entropies	Ain Shams Engineering Journal	14	11			6	10.1016/j.asej.2023.10 2542

553	Revanesh M., Mary S.A.S.A., Gnaneswari G., Jones G.M., Kanimozhi K.V., Kamalam G.K.	Deep learning-based algorithm for optimum cluster head selection in sustainable wireless communication system	Neural Computing and Applications					6	10.1007/s00521-023-08861-x
554	El Bakri Y., Mohamed S.K., Ahsin A., Karthikeyan S., Abuelhassan S., Abdel-Rahman A.E., Marae I.S., Bakhite E.A., Mague J.T., Al-Salahi R.	Synthesis, crystal structure investigation, Hirshfeld and DFT studies of newly synthesized dihydroisoquinoline derivatives	Arabian Journal of Chemistry	16	11			6	10.1016/j.arabjc.2023.105294
555	Ghugal S.G., Kumar Tadi K., Rani K., Mendhe A.C., Jeong Y., Yoon J.	Improved photocatalytic performance of CdS/ $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> heterostructure for anionic dye mineralization and charge storage applications	Journal of Molecular Liquids	392				6	10.1016/j.molliq.2023.123384
556	ArulDass S.D., Jayagopal P.	Classifying distinct emotions from parents of ASD child using EEG source data by combining Bernoulli–Laplace Prior and graph neural networks	Neural Computing and Applications					6	10.1007/s00521-023-09171-y
557	Antony I.R., Wong B.H.S., Kelleher D., Verma N.K.	Maladaptive T-Cell Metabolic Fitness in Autoimmune Diseases	Cells	12	21			6	10.3390/cells12212541
558	Kirthiga R.; Elavenil S.	Potential utilization of sugarcane bagasse ash in cementitious composites for developing inorganic binder	Ain Shams Engineering Journal	14	11			6	10.1016/j.asej.2023.102560

559	Ramasamy M.D.; Periasamy K.; Periasamy S.; Muthusamy S.; Ramamoorthi P.; Thangavel G.; Sekaran S.; Sadasivuni K.K.; Geetha M.	A novel Adaptive Neural Network-Based Laplacian of Gaussian (AnLoG) classification algorithm for detecting diabetic retinopathy with colour retinal fundus images	Neural Computing and Applications					6	10.1007/s00521-023-09324-z
560	Joshi K.; Suganthi K.	Anterior cruciate ligament tear detection based on convolutional neural network and generative adversarial neural network	Neural Computing and Applications					6	10.1007/s00521-023-09350-x
561	Manna T.; Anitha A.	Hybridization of rough set-wrapper method with regularized combinational LSTM for seasonal air quality index prediction	Neural Computing and Applications					6	10.1007/s00521-023-09220-6
562	Sarkar D.U.; Prakash T.	A convolutional neural network framework to design power system stabilizer for damping oscillations in multi-machine power system	Neural Computing and Applications					6	10.1007/s00521-023-09323-0
563	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

564	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
565	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
566	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
567	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

568	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 <sub>2</sub> Nanorods	ACS Applied Nano Materials					5.9	10.1021/acsanm.3c01952
569	Kumar S.M., Iyer S.K.	An AIE active imidazole conjugated $\alpha$ -cyanostilbene based sensor for the selective and sensitive detection of picric acid in an aqueous medium	Sensors and Actuators Reports	6				5.9	10.1016/j.snr.2023.100177
570	Maitra Roy S., Barman S., Kishore P., Chatterjee B., Bag P., Ghatak T., Basu A., Ghosh S.K., Dirisala A., Sarkar A.K., Khan A.H., Ghosh Dastidar S., Maity A.R.	Acidic pH-Triggered Release of Doxorubicin from Ligand-Decorated Polymeric Micelles Potentiates Efficacy against Cancer Cells	ACS Applied Nano Materials					5.9	10.1021/acsanm.3c03481
571	Gomathi S., Rameshpathy M.	Valorization of agro-waste residues into bio-vanillin a comprehensive review	Industrial Crops and Products	205				5.9	10.1016/j.indcrop.2023.117522
572	Mishra T., Vuppu S.	Toxicity of chemical-based hand sanitizers on children and the development of natural alternatives: a computational approach	Critical Reviews in Toxicology					5.9	10.1080/10408444.2023.2270496
573	Singh R., Kumar S., Bera S., Bhunia S.K.	Trends in Using Fluorescent MXene Quantum Dots for Selective Detection and Bioimaging Applications: A Review	ACS Applied Nano Materials					5.9	10.1021/acsanm.3c04491

574	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
575	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-TiO2 in Chlorella sp.	Nanotoxicology					5.881	10.1080/17435390.2023.2179438
576	Ramesh S., Govarathanan K., Palaniappan A.	TiO2 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
577	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
578	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



579	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
580	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
581	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
582	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
583	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

584	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
585	Bragadeshwaran A., Rajasekar V., Usman K.M., Ayyasamy T., Govindasamy K.	Split injection strategy control map development through prediction-based calibration approach to improve the biodiesel-fuelled diesel engine characteristics	Environmental Science and Pollution Research					5.8	10.1007/s11356-023-29905-8
586	Nag S., Bhattacharya B., Dutta S., Mandal D., Mukherjee S., Anand K., Eswaramoorthy R., Thorat N., Jha S.K., Gorai S.	Clinical Theranostics Trademark of Exosome in Glioblastoma Metastasis	ACS Biomaterials Science and Engineering					5.8	10.1021/acsbomaterials.3c00212
587	Sen S., Gopalan S., Sellappan R., Grace A.N., Sonar P.	Tin-Based Eco-Friendly Perovskites for Sustainable Future	Advanced Energy and Sustainability Research					5.8	10.1002/aesr.202300110
588	Mohan I., Das A.K., Prakash R., Kumar S.	Prediction modeling using artificial neural network (ANN) for the performance and emission characteristics of catalytic co-pyrolytic fuel blended with diesel in a CI engine	Environmental Science and Pollution Research					5.8	10.1007/s11356-023-30209-0
589	Chatterjee P., Banerjee S.	Unveiling the mechanistic role of the Aryl hydrocarbon receptor in environmentally induced Breast cancer	Biochemical Pharmacology	218				5.8	10.1016/j.bcp.2023.115866

590	Chandran D.G., Muruganandam L., Biswas R.	A review on adsorption of heavy metals from wastewater using carbon nanotube and graphene-based nanomaterials	Environmental Science and Pollution Research					5.8	10.1007/s11356-023-30192-6
591	Thomas R.; Ghosh D.; Pulimi M.; Nirmala J.; Anand S.; Rai P.K.; Mukherjee A.	Investigating the transport and colloidal behavior of Fe <sub>3</sub> O <sub>4</sub> nanoparticles in aqueous and porous media under varying solution chemistry parameters	Environmental science and pollution research international	30	56	118693	118705	5.8	10.1007/s11356-023-30628-z
592	Rex M C.; Mukherjee A.	The comparative effects of visible light and UV-A radiation on the combined toxicity of P25 TiO <sub>2</sub> nanoparticles and polystyrene microplastics on <i>Chlorella</i> sp	Environmental science and pollution research international	30	58	122700	122716	5.8	10.1007/s11356-023-30910-0
593	Zaib Q.; Park S.; Behera S.K.; Mahanty B.; Zafar M.; Park H.-S.; Kyung D.	Optimization of low-grade coal and refuse-derived fuel blends for improved co-combustion behavior in coal-fired power plants	Environmental science and pollution research international	30	55	117238	117249	5.8	10.1007/s11356-023-30471-2
594	Gnanasekaran A.; Rajaram K.	Design and process parametric investigations on acrylic-based single slope solar still to enhance daily energy efficiency and productivity of water: an application to desalination and dye removal	Environmental science and pollution research international	30	58	121807	121822	5.8	10.1007/s11356-023-30995-7
595	Mathangi B.; Zaalishvili V.B.; Ganapathy G.P.	Study of substrata of a slope susceptible to landslide in hilly environment using a geophysical method in the Nilgiris, India	Environmental science and pollution research international	30	59	123966	123982	5.8	10.1007/s11356-023-30809-w

596	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
597	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
598	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
599	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
600	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 <sub>3</sub> N <sub>4</sub> ) Nanocomposite: In Vitro Anti-Bacterial and Fungal Interaction Studies	Journal of Fungi	9	3			5.724	10.3390/jof9030310
601	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.ijot.2023.100723

602	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
603	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
604	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
605	Uppal M., Gupta D., Juneja S., Gadekallu T.R., El Bayoumy I., Hussain J., Lee S.W.	Enhancing accuracy in brain stroke detection: Multi-layer perceptron with Adadelta, RMSProp and AdaMax optimizers	Frontiers in Bioengineering and Biotechnology	11				5.7	10.3389/fbioe.2023.1257591
606	Michael J.S., Venkatesan M., Ninan M.M., Solaimalai D., Sumanth L.J., Varghese L., Kurien R., Varghese R.P., C G.P.D.	Whole genome analysis of Rhizopus species causing rhinocerebral mucormycosis during the COVID-19 pandemic	Frontiers in Cellular and Infection Microbiology	13				5.7	10.3389/fcimb.2023.1251456

607	A. R.; Srinivasan L.; S. P.; T. G.; P. N. S.; G. L.; Arumugam N.; Abdulrahman I. A.; Sakkarapalayam M. M.; A. V.	Biosorption efficacy studies of Sargassum wightii and its biochar on the removal of chromium from aqueous solution	Journal of the Taiwan Institute of Chemical Engineers					5.7	10.1016/j.jtice.2023.105241
608	Dixit S.; Kumar A.; Srinivasan K.; Vincent P.M.D.R.; Ramu Krishnan N.	Advancing genome editing with artificial intelligence: opportunities, challenges, and future directions	Frontiers in Bioengineering and Biotechnology	11				5.7	10.3389/fbioe.2023.1335901
609	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
610	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
611	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

612	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
613	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
614	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
615	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
616	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
617	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

618	Segaran G., Sathiavelu M.	Fungicidal and plant growth-promoting traits of <i>Lasiodiplodia pseudotheobromae</i> , an endophyte from <i>Andrographis paniculata</i>	Frontiers in Plant Science	14				5.6	10.3389/fpls.2023.125630
619	Lamba S., Kukreja V., Rashid J., Gadekallu T.R., Kim J., Baliyan A., Gupta D., Saini S.	A novel fine-tuned deep-learning-based multi-class classifier for severity of paddy leaf diseases	Frontiers in Plant Science	14				5.6	10.3389/fpls.2023.1234067
620	Basha A.A., Vivekanandan S., Mubarakali A., Alqahtani A.S.	Enhanced mammogram classification with convolutional neural network: An improved algorithm for automated breast cancer detection	Measurement: Journal of the International Measurement Confederation	221				5.6	10.1016/j.measurement.2023.113551
621	Anbalagan A., Sundarsingh E.F., Ramalingam V.S., Kapileshvar A.P., Subramaniam K., Mohammed Abraar A., Manikandan E.	Smart Dynamic Position Tracking Wearable for Geofencing in Marine environment	IEEE Transactions on Instrumentation and Measurement			1	1	5.6	10.1109/TIM.2023.3311076
622	Ahmed S.A., John B.	Prediction of pressure gradient and hold-up in horizontal liquid-liquid pipe flow	Petroleum Science					5.6	10.1016/j.petsci.2023.07.001
623	Edwin Dhas D., Suchetha M.	Energy-Dependent RLS Architecture for the Separation of Fetal ECG Using Thoracic and Abdominal Lead ECG of Mother	IEEE Transactions on Instrumentation and Measurement	72		1	12	5.6	10.1109/TIM.2023.3328093



624	Al Owad A.; Yadav N.; Kumar V.; Swarnakar V.; Jayakrishna K.; Haridy S.; Yadav V.	Integrated Lean Six Sigma and Kotter change management framework for emergency healthcare services in Saudi Arabia	Benchmarking					5.6	10.1108/BIJ-05-2023- 0335
625	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
626	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
627	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

628	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
629	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
630	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
631	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

632	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
633	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
634	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
635	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
636	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

637	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
638	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
639	Ezhilan M., Mushtaq Alam M., Vijayalakshmi U., Kannan S.	Tuning the absorption, luminescence, morphological and mechanical characteristics of ZrSiO <sub>4</sub> structure through simultaneous additions of Pr <sup>3+</sup> /PO <sub>4</sub> <sup>3-</sup>	Ceramics International					5.532	10.1016/j.ceramint.2023.04.054
640	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
641	Subbarayalu V., Venuslaus M.A.	An Intrusion Detection System for Drone Swarming Utilizing Timed Probabilistic Automata	Drones	7	4			5.532	10.3390/drones7040248

642	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
643	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
644	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
645	Rajendran S., Bhunia S.K.	Bright red fluorescent amphiphilic carbon dots as dualphase and visual sensor for selective detection of As <sup>3+</sup> in aqueous environment	Colloids and Surfaces A: Physicochemical and Engineering Aspects	661				5.518	10.1016/j.colsurfa.2 022.130882

646	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
647	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
648	Chandiran K., Nagamuthu Raja K.C.	Graphene based NiMnO <sub>3</sub> /NiMn <sub>2</sub> O <sub>4</sub> 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
649	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
650	Jayakumari M.T., Kanakkampalayam Krishnan C.	Tuning Al sites in Y-zeolite for selective production of $\gamma$ -valerolactone from levulinic acid	Applied Catalysis A: General	663				5.5	10.1016/j.apcata.2023.119318

651	Das S., Mukherjee A.	Combined effects of P25 TiO <sub>2</sub> 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
652	George S.C., Samuel E.J.J.	Developments in <sup>177</sup> Lu-based radiopharmaceutical therapy and dosimetry	Frontiers in Chemistry	11				5.5	10.3389/fchem.2023.1218670
653	Shah W.S., Elkhwesky Z., Jasim K.M., Elkhwesky E.F.Y., Elkhwesky F.F.Y.	Artificial intelligence in healthcare services: past, present and future research directions	Review of Managerial Science					5.5	10.1007/s11846-023-00699-w
654	Sakthivel K., Gana R.J., Shoji T., Takenaga N., Dohi T., Singh F.V.	Recent progress in metal assisted multicomponent reactions in organic synthesis	Frontiers in Chemistry	11				5.5	10.3389/fchem.2023.1217744
655	Brahmam M.G., Vijay Anand R.	ICSMPC: Design of an Iterative-Learning Contextual Side Chaining Model for Improving Security of Priority-Aware Cloud Resources	Journal of Grid Computing	21	4			5.5	10.1007/s10723-023-09687-6
656	Awasthi C., Mishra P.K., Pal P.K., Khan S.B., Agarwal A.K., Gadekallu T.R., Malibari A.A.	Preservation of Sensitive Data Using Multi-Level Blockchain-based Secured Framework for Edge Network Devices	Journal of Grid Computing	21	4			5.5	10.1007/s10723-023-09699-2
657	Christudoss A.C.; Chandrasekaran N.; Mukherjee A.	Polystyrene nanoplastics alter the ecotoxicological effects of diclofenac on freshwater microalgae <i>Scenedesmus obliquus</i>	Environmental Science: Processes and Impacts					5.5	10.1039/d3em00341h

658	Athulya P.A.; Chandrasekaran N.; Thomas J.	Polystyrene microplastics interaction and influence on the growth kinetics and metabolism of tilapia gut probiotic <i>Bacillus tropicus</i> ACS1	Environmental Science: Processes and Impacts					5.5	10.1039/d3em00369h
659	Balaji K.	Image Augmentation based on Variational Autoencoder for Breast Tumor Segmentation	Academic Radiology					5.482	10.1016/j.acra.2022.12.035
660	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
661	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
662	Jalalah M., Sasmal A., Nayak A.K., Harraz F.A.	Rapid, external acid-free synthesis of Bi <sub>2</sub> WO <sub>6</sub> nanocomposite for efficient supercapacitor application	Journal of the Taiwan Institute of Chemical Engineers	143				5.477	10.1016/j.jtice.2023.104697
663	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
664	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



665	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
666	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
667	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
668	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.2022.10.006

669	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 <i>Cicer arietinum</i> L.	Plant Physiology and Biochemistry	194		41	51	5.437	10.1016/j.plaphy.2022.11.004
670	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.2022.11.035
671	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.2023.107664
672	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
673	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

674	Chakrabarti D., Kishore R., Mukherjee A., Rajesh S.	Azimuthal asymmetries in $J/\psi$ -photon production at the EIC	Physical Review D	107	1			5.407	10.1103/PhysRevD.1 07.014008
675	D'Alesio U., Maxia L., Murgia F., Pisano C., Rajesh S.	$J/\psi$ polarization in large- PT semi-inclusive deep-inelastic scattering at the EIC	Physical Review D	107	11			5.407	10.1103/PhysRevD.1 07.114001
676	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
677	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
678	Varun Bose C.S., Udhayakumar R., Velmurugan S., Saradha M., Almarri B.	Approximate Controllability of $\Psi$ - Hilfer Fractional Neutral Differential Equation with Infinite Delay	Fractal and Fractional	7	7			5.4	10.3390/fractalfract70 70537
679	Arulvel S., Dsilva Winfred Rufuss D., Kandasamy J., Kumaravelu P., Raychoudhury R., Raghul S.	Hydrophobic electroless nickel phosphorus-graphene carbon nitride coating on AISI 4140 steel with enhanced hardness and scratch resistance	Surface and Coatings Technology	473				5.4	10.1016/j.surfcoat.202 3.130023

680	Ilangovan S.S., Mahanty B., Perumal V., Sen S.	Modulating the Effect of $\beta$ -Sitosterol Conjugated with Magnetic Nanocarriers to Inhibit EGFR and Met Receptor Cross Talk	Pharmaceutics	15	8			5.4	10.3390/pharmaceutics15082158
681	A. S.P., Saleena B.	Analysis of machine learning and deep learning prediction models for sepsis and neonatal sepsis: A systematic review	ICT Express					5.4	10.1016/j.icte.2023.07.007
682	Raju S., Sevugan R.B., Udhayakumar R., AlNemer G., Arunachalam U.	Approximate Controllability of Neutral Differential Systems with Fractional Deformable Derivatives	Fractal and Fractional	7	10			5.4	10.3390/fractalfract7100741
683	Varun Bose C.S., Udhayakumar R., Savatović M., Deiveegan A., Todorčević V., Radenović S.	Existence of Mild Solution of the Hilfer Fractional Differential Equations with Infinite Delay on an Infinite Interval	Fractal and Fractional	7	10			5.4	10.3390/fractalfract7100724
684	Naveen S.; Parthiban V.; Abbas M.I.	Qualitative Analysis of RLC Circuit Described by Hilfer Derivative with Numerical Treatment Using the Lagrange Polynomial Method	Fractal and Fractional	7	11			5.4	10.3390/fractalfract7110804
685	Rajak S.; Muniraj I.; Selvaprabhu P.; Kumaravelu V.B.; Sarker M.A.L.; Chinnadurai S.; Han D.S.	A novel energy efficient IRS-relay network for ITS with Nakagami-m fading channels	ICT Express					5.4	10.1016/j.icte.2023.11.005

686	Avinash J.; Chellapandi T.; Madhumitha G.; Samuel E.J.J.; Chamundeeswari S.P.V.; Roopan S.M.	Current Trends on Ag <sub>3</sub> PO <sub>4</sub> -GO Based Heterojunction Photocatalyst for Photocatalytic Degradation of Organic Pollutants: A Review	Comments on Inorganic Chemistry					5.4	10.1080/02603594.2023.2291025
687	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
688	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
689	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
690	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

691	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
692	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
693	Bhuvaneswari C., Palpandi K., Amritha B., Paunkumar P., Lakshmi Priya R., Raman N., Ganesh Babu S.	Conniving for the first time of BiVO <sub>4</sub> – 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
694	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
695	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

696	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
697	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
698	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
699	Kulwant V., Arvind K., Prasad D., Sreejith P., Mohankumar K.V., Kannan K.	A semi-analytical inverse method to obtain the hyperelastic potential using experimental data	Journal of the Mechanics and Physics of Solids	181				5.3	10.1016/j.jmps.2023.105431
700	Manickam P., Senthil R.	Numerical investigation on the D-SPR-PQF — High Refractive Index and temperature sensor for transport fuel adulteration	Results in Physics	52				5.3	10.1016/j.rinp.2023.106883
701	Jakeer S., Lakshmi Rupa M., Reddisekhar Reddy S.R., Rashad A.M.	Artificial neural network model of non-Darcy MHD Sutterby hybrid nanofluid flow over a curved permeable surface: Solar energy applications	Propulsion and Power Research	12	3	410	427	5.3	10.1016/j.jprr.2023.07.002

702	Han H., Jang J.U., Oh D., Na K.-H., Choi W.-Y., Jayakrishnan N., Nayak A.K.	Advances and Perspectives of Titanium-Based Nanocomposites for Energy Generation and Environmental Remediation Applications: A Review	Energy and Fuels					5.3	10.1021/acs.energyfuels.3c02382
703	Sahoo A., Kumar Tripathy A.	On routing algorithms in the internet of vehicles: a survey	Connection Science	35	1			5.3	10.1080/09540091.2023.2272583
704	Piaggio A.L.; Sasidhar K.; Khande P.; Balakrishnan M.; van Lier J.B.; de Kreuk M.K.; Lindeboom R.E.	Effects of Low Oxygen Dosages on an Anaerobic Membrane Bioreactor, Simulating the Oxygen Load in an Anaerobic Digester-Dissolved Air Flotation (AD-DAF) System	ACS ES and T Water	3	12	4133	4142	5.3	10.1021/acsestwater.3c00544
705	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
706	Bhattarai A., Priyadarshini 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



707	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
708	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
709	Chandrasekhar G., Srinivasan E., Nandhini S., Pravallika G., Sanjay G., Rajasekaran R.	Computer aided therapeutic tripeptide design, in alleviating the pathogenic proclivities of nocuous $\alpha$ -synuclein fibrils	Journal of Biomolecular Structure and Dynamics					5.235	10.1080/07391102.2023.2194003
710	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

711	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
712	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
713	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
714	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

715	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
716	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
717	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
718	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

719	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
720	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
721	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
722	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
723	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

724	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
725	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
726	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
727	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
728	Manohar A., Vijayakanth V., Chintagumpala K., Manivasagan P., Jang E.-S., Kim K.H.	Zn- doped MnFe <sub>2</sub> O <sub>4</sub> 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
729	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

730	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
731	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
732	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
733	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
734	Jilte R., Afzal A., Ağbulut Ü., Shaik S., Khan S.A., Linul E., Asif M.	Battery thermal management of a novel helical channeled cylindrical Li-ion battery with nanofluid and hybrid nanoparticle-enhanced phase change material	International Journal of Heat and Mass Transfer	216				5.2	10.1016/j.ijheatmasstransfer.2023.124547
735	Xavier R., Thirumalaisamy L., Madhanagurusamy S., Sivaperuman K.	Spray deposited pristine and Mo doped WO3 thin films for acetaldehyde gas sensing at room temperature	Ceramics International					5.2	10.1016/j.ceramint.2023.10.187

736	Thanikasalam N., Ramamoorthy M.	Vibrational behavior of a 3D printed biomimetic dual-core composite sandwich beam: An experimental and numerical study	Polymer Composites					5.2	10.1002/pc.27844
737	Samuel S.S., Issac Selvaraj R.V.	Mechanical and vibrational study of raw and surface-treated ramie fiber hybridized carbon fiber epoxy composites	Polymer Composites					5.2	10.1002/pc.27783
738	Shiva A., Kushwaha B.P., Rishi B.	A model validation of robo-advisers for stock investment	Borsa Istanbul Review					5.2	10.1016/j.bir.2023.09.005
739	D. L.S.N., R. M.	Review on advanced control techniques for microgrids	Energy Reports	10		3054	3072	5.2	10.1016/j.egyr.2023.09.162
740	Angeline J., Rathnasabapathy M.	Understanding women's suffering and psychological well-being: exploring biopsychosocial factors in mothers of children with ADHD – a case study	Frontiers in Public Health	11				5.2	10.3389/fpubh.2023.1279499
741	Varghese A.S., Sreekanth M.S.	Investigation on the effect of multiwalled carbon nanotubes in carbon fiber-reinforced epoxy composites manufactured using vacuum infusion process and hand layup process followed by vacuum bagging	Polymer Composites					5.2	10.1002/pc.27876
742	Vijaya Sambhavi Y., Ramachandran V.	A technical review of modern traction inverter systems used in electric vehicle application	Energy Reports	10		3882	3907	5.2	10.1016/j.egyr.2023.10.056

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744	Russel E.; Nagappan B.; Karsh P.; Madhu S.; Devarajan Y.; Suresh G.; Vezhavendhan R.	Effect of hygrothermal aging on novel hybrid composites: Transforming textile waste into a valuable product	Polymer Composites					5.2	10.1002/pc.28006
745	Venugopal A.; Sudhagar P E.	Enhancing shear and flexural strength of single lap composite joints with a graphene nanoparticle-reinforced adhesive through a co-curing technique	Polymer Composites					5.2	10.1002/pc.28053
746	Stephen J.M.; Saleh A.M.	Homofermentative Lactobacilli isolated from organic sources exhibit potential ability of lactic acid production	Frontiers in Microbiology	14				5.2	10.3389/fmicb.2023.1 297036
747	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.202 3.175605



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749	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
750	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
751	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 <sub>2</sub> /polymer nanohybrids	Environmental Science and Pollution Research					5.190	10.1007/s11356-023-26486-4
752	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

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754	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
755	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, Scenedesmus obliquus: analyzing the role of oxidative stress	Environmental Science and Pollution Research					5.19	10.1007/s11356-023-27367-6
756	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
757	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
758	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

759	Manoj Kumar S., Jothi D., Munusamy S., Enbanathan S., Kulathu Iyer S.	Imidazole-derived new colorimetric/fluorometric chemosensor for the sensitive recognition of CN <sup>-</sup> 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
760	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 <sup>2+</sup> 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
761	Mujthaba Aatif A., Selva Kumar R., Joseph S., Vetriarasu V., Abdul Majeed S., Ashok Kumar S.K.	Pyridinecarbohydrazide-based fluorescent chemosensor for In <sup>3+</sup> 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
762	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

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764	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
765	Krishnan U., Manickam S., Kulathu Iyer S.	Selective detection of BF <sub>3</sub> 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
766	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 <sup>2+</sup> 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
767	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

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769	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
770	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
771	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
772	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
773	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

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775	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
776	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
777	Jayalakshmy S., Lakshmi Priya 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
778	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
779	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

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781	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
782	Karthik R., Hussain S., George T.T., Mishra R.	A dual track deep fusion network for citrus disease classification using group shuffle depthwise feature pyramid and Swin transformer	Ecological Informatics	78				5.1	10.1016/j.ecoinf.2023.102302
783	Subramanian J., Selvaraj V.K., Singh R., S I., Kakur N., Whenish R.	Acoustical properties of a 3D printed honeycomb structure filled with nanofillers: Experimental analysis and optimization for emerging applications	Defence Technology					5.1	10.1016/j.dt.2023.09.002
784	Babu H.W.S.; Elangovan A.; Iyer M.; Kirola L.; Muthusamy S.; Jeeth P.; Muthukumar S.; Vanlalpeka H.; Gopalakrishnan A.V.; Kadhivel S.; Kumar N.S.; Vellingiri B.	Association Study Between Kynurenine 3-Monooxygenase (KMO) Gene and Parkinson's Disease Patients	Molecular Neurobiology					5.1	10.1007/s12035-023-03815-9

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786	Gautam S.P.; Barwar M.K.; Sahu L.K.; Mohanty S.; Dash S.K.; Muttaqi K.M.	A Bidirectional Single Capacitor Unit Based Hybrid T-Type Converter Topology With Sensor-Less Voltage Balancing Capabilities	IEEE Transactions on Circuits and Systems I: Regular Papers			1	11	5.1	10.1109/TCSI.2023.3331035
787	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
788	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
789	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
790	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



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793	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
794	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

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796	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
797	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
798	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
799	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
800	Nirmala M., Gandomi A.H., Babu M.R., Babu L.D.D., Patan R.	An Emoticon-Based Novel Sarcasm Pattern Detection Strategy to Identify Sarcasm in Microblogging Social Networks	IEEE Transactions on Computational Social Systems			1	8	5	10.1109/TCSS.2023.3306908

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802	Ashok B., Tamilvanan A., Vignesh R., Saiteja P., Kumar P.V., Nikhil C., Nikhil D.	Engine vibration and noise characteristics of common rail direct injection engine fuelled with orange peel oil by response surface methodology based multi-objective optimization	Results in Engineering	20				5	10.1016/j.rineng.2023.101406
803	Rani A., Saini V., Patra P., Prashar T., Pandey R.K., Mishra A., Jha H.C.	Epigallocatechin Gallate: A Multifaceted Molecule for Neurological Disorders and Neurotropic Viral Infections	ACS Chemical Neuroscience	14	17	2968	2980	5	10.1021/acscchemneuro.3c00368
804	M A., G P.K.	Hydrogen towards sustainable transition: A review of production, economic, environmental impact and scaling factors	Results in Engineering	20				5	10.1016/j.rineng.2023.101456
805	Mohan I., Yao Z., Das A.K., Prakash R., Kumar S.	Performance, emission and combustion characteristics of liquid fuel produced through catalytic co-pyrolysis of waste LDPE and Pongamia pinnata seeds: An experimental investigation in CI engine	Results in Engineering	20				5	10.1016/j.rineng.2023.101499
806	Kumar V., Høgda K.A., Larsen Y.	Across-Track and Multi-Aperture InSAR for 3-D Glacier Velocity Estimation of the Siachen Glacier	Remote Sensing	15	19			5	10.3390/rs15194794

807	Selvaraj K., Palanisamy P., Manikandan M., Managutti P.B., Sangeetha P., Mohamed S., Pamanji R., Selvin J., Nasiri S., Kment S., Nutalapati V.	Fluoranthene-based derivatives for multimodal anti-counterfeiting and detection of nitroaromatics	Materials Advances					5	10.1039/d3ma00343d
808	Chandra P., Das R.	A hybrid RSA-IPA optimizer for designing an artificial neural network to study the Jeffery-Hamel blood flow with copper nanoparticles: Application to stenotic tapering artery	Results in Engineering	20				5	10.1016/j.rineng.2023.101542
809	Bhupathi P., Elhassan A-Elgadir T.M., Mohammed Ali R.H., Sanaan Jabbar H., Gulnoza D., Joshi S.K., Kadhem Abid M., Ahmed Said E., Alawadi A., Alsaalamy A.	Fluorescence Resonance Energy Transfer (FRET)-Based Sensor for Detection of Foodborne Pathogenic Bacteria: A Review	Critical Reviews in Analytical Chemistry					5	10.1080/10408347.2023.2274050
810	Gawas P.P.; Ramakrishna B.; Pamanji R.; Selvin J.; Nutalapati V.	A novel triphenylamine based push-pull fluorophore bearing a 2-thiohydantoin unit for toxic Hg <sup>2+</sup> ion detection: exploring its potential for live cell imaging	Materials Advances					5	10.1039/d3ma00559c

811	N A.; Jakkamputi L.P.; Gnanasekaran S.; Thangamuthu M.; Rakkiyannan J.; Bhalerao Y.J.	Dynamic Behavior Modeling of Natural-Rubber/Polybutadiene-Rubber-Based Hybrid Magnetorheological Elastomer Sandwich Composite Structures	Polymers	15	23			5	10.3390/polym15234583
812	Hariharan A.; Harish R.	Effect of high Hartmann number on thermal performance of SWCNT-Fe <sub>3</sub> O <sub>4</sub> hybrid nanoenhanced PCM in magnetized minichannel	Results in Engineering	20				5	10.1016/j.rineng.2023.101658
813	Balasundaram A.; Doss G.P.C.	A computational examination of the therapeutic advantages of fourth-generation ALK inhibitors TPX-0131 and repotrectinib over third-generation lorlatinib for NSCLC with ALK F1174C/L/V mutations	Frontiers in Molecular Biosciences	10				5	10.3389/fmolb.2023.1306046
814	Tseng H.-K.; Su Y.-Y.; Lai P.-J.; Lo S.-L.; Liu H.-C.; Reddy S.R.; Chen L.; Lin C.-C.	Chemoenzymatic Synthesis of GAA-7 Glycan Analogues and Evaluation of Their Neuritogenic Activities	ACS Chemical Neuroscience					5	10.1021/acscchemneuro.3c00732
815	Ganapathy S.B.; Sakthivel A.R.; Kandasamy J.; Khan T.; Aloufi M.	Optimization of Printing Process Variables and the Effect of Post-Heat Treatments on the Mechanical Properties of Extruded Polylactic Acid–Aluminum Composites	Polymers	15	24			5	10.3390/polym15244698

816	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
817	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
818	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
819	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
820	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

821	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
822	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
823	Mohapatra S., Mohapatra P.	American zebra optimization algorithm for global optimization problems	Scientific Reports	13	1			4.996	10.1038/s41598-023- 31876-2
824	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 <sub>3</sub> ) <sub>n</sub> /(CaMnO <sub>3</sub> ) <sub>m</sub> superlattices: a first principles study	Scientific Reports	13	1			4.996	10.1038/s41598-023- 30686-w
825	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
826	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

827	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
828	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
829	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
830	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
831	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



832	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
833	Thirumalaisamy K., Ramachandran S.	Comparative heat transfer analysis on Fe <sub>3</sub> O <sub>4</sub> -H <sub>2</sub> O and Fe <sub>3</sub> O <sub>4</sub> -Cu-H <sub>2</sub> O flow inside a tilted square porous cavity with shape effects	Physics of Fluids	35	2			4.980	10.1063/5.0136326
834	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
835	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

836	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
837	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
838	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
839	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

840	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
841	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
842	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
843	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
844	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

845	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
846	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
847	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
848	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

849	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
850	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
851	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
852	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
853	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

854	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
855	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
856	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
857	Job N., Thimmakonda 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/molecules2 8031388
858	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/molecules2 8020887
859	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/molecules2 8041649

860	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
861	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
862	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

863	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
864	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
865	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
866	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



867	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
868	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
869	Sahadevan V.K., Mishra U.	A green manufacturer–retailer circular economic production model with carbon emissions and waste control	Environment, Development and Sustainability					4.9	10.1007/s10668-023-03805-w
870	Mishra M.K., Mahur P., Manimunda P., Mishra K.	Recent Advances in Nanomechanical Measurements and Their Application for Pharmaceutical Crystals	Molecular Pharmaceutics					4.9	10.1021/acs.molpharmaceut.3c00441
871	Revathi S., Shinde A.L., Rajashekhar M.K., Mandal D., Maity A.R., Garai S., Ghatak T.	N-Heterocyclic imino-catalyzed 1,4-regioselective azide-alkyne cycloaddition (AAC): a metal-free approach	Chemical Communications	59	85	12699	12702	4.9	10.1039/d3cc04065h
872	Ghosh P., Banerjee P.	Drug delivery using biocompatible covalent organic frameworks (COFs) towards a therapeutic approach	Chemical Communications	59	84	12527	12547	4.9	10.1039/d3cc01829f

873	Wani N.A., Mishra U.	A sustainable municipal solid waste supply chain management with biodiesel energy production using microwave technology	Environment, Development and Sustainability					4.9	10.1007/s10668-023-04039-6
874	Lakshmi V.I., Kavitha M.	New Insights into Prospective Health Potential of $\omega$ -3 PUFAs	Current Nutrition Reports					4.9	10.1007/s13668-023-00508-6
875	Bhavani G.D.; Mishra U.; Mahapatra G.S.	A case study on the impact of green investment with a pentagonal fuzzy storage capacity of two green-warehouse inventory systems under two dispatching policies	Environment, Development and Sustainability					4.9	10.1007/s10668-023-04268-9
876	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
877	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
878	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

879	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
880	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
881	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
882	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
883	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

884	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
885	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
886	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
887	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
888	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
889	Panda D., Nayak S.	Stem Cell-Based Tissue Engineering Approaches for Diabetic Foot Ulcer: a Review from Mechanism to Clinical Trial	Stem Cell Reviews and Reports					4.8	10.1007/s12015-023-10640-z

890	Rahmani R., Lopes S.I., Prashanth K.G.	Selective Laser Melting and Spark Plasma Sintering: A Perspective on Functional Biomaterials	Journal of Functional Biomaterials	14	10			4.8	10.3390/jfb14100521
891	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
892	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.pbiomolbio.2023.02.003
893	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
894	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
895	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

896	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
897	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
898	K A., R K., G M.	Influence of AWJM parameters on surface quality of BSHC	Materials and Manufacturing Processes					4.783	10.1080/10426914.2 023.2195917
899	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.ijthermals ci.2022.107883
900	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.ijthermals ci.2023.108223

901	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
902	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
903	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
904	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
905	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

906	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
907	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
908	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
909	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
910	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



911	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
912	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
913	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
914	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
915	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
916	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
917	Mamgain R., Kostic M., Singh F.V.	Synthesis and Antioxidant Properties of Organoselenium Compounds	Current Medicinal Chemistry	30	21	2421	2448	4.74	10.2174/0929867329666220801165849

918	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
919	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 <sub>3</sub> for Solar Cell Application	ACS Applied Electronic Materials	5	6	3144	3153	4.7	10.1021/acsaelm.3c 00224
920	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
921	Priyanka T.M.C., Serpa C., Gowrisankar A.	On the classical integral of fractal functions	Fractals	31	5			4.7	10.1142/S0218348X 23500573
922	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

923	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.3c00637
924	Beirag N., Varghese P.M., Neto M.M., Al Aiyan 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
925	Meng Q., Yan Z., Abbas J., Shankar A., Subramanian M.	Human-Computer Interaction and Digital Literacy Promote Educational Learning in Pre-school Children: Mediating Role of Psychological Resilience for Kids' Mental Well-Being and School Readiness	International Journal of Human-Computer Interaction					4.7	10.1080/10447318.2023.2248432
926	Priyadarshini B., Stango A.X., Balasubramanian M., Vijayalakshmi U.	In situ fabrication of cerium-incorporated hydroxyapatite/magnetite nanocomposite coatings with bone regeneration and osteosarcoma potential	Nanoscale Advances	5	18	5054	5076	4.7	10.1039/d3na00235g
927	Anandan D., Kumar A., Jeyakkani M.N., Inja D.B., Jaiswal A.K.	Investigation of Giant Cell Tumor of Bone and Tissue Engineering Approaches for the Treatment of Giant Cell Tumor of Bone	ACS Applied Bio Materials					4.7	10.1021/acsabm.3c00441

928	Hussain Z., Khan W.A., Irfan M., Muhammad T., Eldin S.M., Waqas M., Narayana P.V.S.	Interaction of gyrotactic moment of microorganisms and nanoparticles for magnetized and chemically reactive shear-thinning fluid with stratification phenomenon	Nanoscale Advances	5	23	6560	6571	4.7	10.1039/d3na00400g
929	Sagade Muktar Ahmed R.F.; Mohan S.B.; Madanahalli Ankanathappa S.; Shivanna M.; Viswanathan P.; Manjunatha H.C.S.; Vidya Y.S.; Chandrasekhar A.; Sannathammegowda K.	Spinach-Mediated Green Synthesized NiFe <sub>2</sub> O <sub>4</sub> Nanoparticle-Based Triboelectric Nanogenerator: A Smart Tollgate Controller	ACS Applied Electronic Materials	5	11	5885	5897	4.7	10.1021/acsaelm.3c00859
930	Nargatti K.I.; Pathak T.S.; Ahankari S.S.; Dizon J.R.C.; Subramaniam R.T.	Graphene-Based Inks for Flexible Supercapacitor Electrodes: A Review	ACS Applied Electronic Materials					4.7	10.1021/acsaelm.3c01161
931	Bindhu A.; Arun A.P.; Pathak M.	Review on Polyvinylidene Fluoride-Based Triboelectric Nanogenerators for Applications in Health Monitoring and Energy Harvesting	ACS Applied Electronic Materials					4.7	10.1021/acsaelm.3c01297
932	Bhattacharya B.; Nag S.; Mukherjee S.; Kulkarni M.; Chandane P.; Mandal D.; Mukerjee N.; Mirgh D.; Anand K.; Adhikari M.D.; Gorai S.; Thorat N.	Role of Exosomes in Epithelial-Mesenchymal Transition	ACS Applied Bio Materials					4.7	10.1021/acsabm.3c00941

933	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
934	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
935	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
936	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

937	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
938	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
939	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 <sub>2</sub> O <sub>4</sub> /p-Si heterojunction architecture	Materials Science in Semiconductor Processing	156				4.644	10.1016/j.mssp.2022 .107266
940	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

941	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
942	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
943	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
944	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
945	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
946	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

947	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
948	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
949	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
950	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
951	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



952	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
953	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
954	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
955	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

956	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
957	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
958	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
959	Somashekar V., Immanuel Selwynraj A., Hariprasad V., Hiremath M.K.	Assessing low Reynolds number airfoil performance in microburst environments for micro/unmanned aerial vehicles: A numerical study	Physics of Fluids	35	9			4.6	10.1063/5.0168315
960	Diviya M., Karmel A.	Deep neural architecture for natural language image synthesis for Tamil text using BASEGAN and hybrid super resolution GAN (HSRGAN)	Scientific Reports	13	1			4.6	10.1038/s41598-023- 41484-9

961	Jeyaseelan T., Son M., Sander T., Zigan L.	Experimental and modeling analysis of the transient spray characteristics of cyclopentane at sub- and transcritical conditions using a machine learning approach	Physics of Fluids	35	8			4.6	10.1063/5.0159979
962	Thangaraj C., Easwaramoorthy D., Selmi B., Chamola B.P.	Generation of fractals via iterated function system of Kannan contractions in controlled metric space	Mathematics and Computers in Simulation					4.6	10.1016/j.matcom.2023.08.017
963	Cao Y., Chandrasekar A., Radhika T., Vijayakumar V.	Input-to-state stability of stochastic Markovian jump genetic regulatory networks	Mathematics and Computers in Simulation					4.6	10.1016/j.matcom.2023.08.007
964	Harikrishnan S., Sudarshan S., Sivasubramani K., Nandini M.S., Narenkumar J., Ramachandran V., Almutairi B.O., Arunkumar P., Rajasekar A., Jayalakshmi S.	Larvicidal and anti-termite activities of microbial biosurfactant produced by Enterobacter cloacae SJ2 isolated from marine sponge Clathria sp.	Scientific Reports	13	1			4.6	10.1038/s41598-023-42475-6
965	Chakraborty S., Banerjee S.	Multidimensional computational study to understand non-coding RNA interactions in breast cancer metastasis	Scientific Reports	13	1			4.6	10.1038/s41598-023-42904-6
966	Agathiyan A., Gowrisankar A., Fataf N.A.A.	On the integral transform of fractal interpolation functions	Mathematics and Computers in Simulation					4.6	10.1016/j.matcom.2023.08.018

967	Mohana C.M., Rushi Kumar B.	Shape effects of Darcy-Forchheimer unsteady three-dimensional CdTe-C/H <sub>2</sub> O hybrid nanofluid flow over a stretching sheet with convective heat transfer	Physics of Fluids	35	9			4.6	10.1063/5.0168503
968	Priya H., Sruthakeerthi B.	Texture analysis using Horadam polynomial coefficient estimate for the class of Sakaguchi kind function	Scientific Reports	13	1			4.6	10.1038/s41598-023-41734-w
969	Ghosh S., Barik D.K., Renganayaki P., Kang B., Gumber S., Venkatesh S., Saini D.S., Akunuri S.	The impact of short-duration precipitation events over the historic Cauvery basin: a study on altered water resource patterns and associated threats	Scientific Reports	13	1			4.6	10.1038/s41598-023-41417-6
970	Rammoorthi R., Mohanavel D.	Numerical simulation of an electromagnetic squeezing hybrid nanofluid flow through permeable plates with sensor monitoring system	Physics of Fluids	35	9			4.6	10.1063/5.0168494
971	Somasundaram M., NarendraKumar U., Raja Annamalai A., Muthuchamy A.	Electrochemical corrosion of stir cast and heat-treated magnesium alloy EV31A in different electrolytes: Analysis via X-ray photoelectron spectroscopy	Materials Chemistry and Physics	310				4.6	10.1016/j.matchemphys.2023.128509
972	Kumari P., Panda T.	Mechanical Alloying in Zeolitic Imidazolate Framework for Enhanced Photocatalytic Dye Degradation	Inorganic Chemistry					4.6	10.1021/acs.inorgchem.3c01688

973	Menaka S.R., Prakash M., Neelakandan S., Radhakrishnan A.	A novel WGF-LN based edge driven intelligence for wearable devices in human activity recognition	Scientific Reports	13	1			4.6	10.1038/s41598-023-44213-4
974	Srinivasan S., Dayalane S., Mathivanan S., Rajadurai H., Jayagopal P., Dalu G.T.	Detection and classification of adult epilepsy using hybrid deep learning approach	Scientific Reports	13	1			4.6	10.1038/s41598-023-44763-7
975	Eithiraj R.D.	Electronic, optical and sodium K edge XANES in disodium helide: a DFT study	Scientific Reports	13	1			4.6	10.1038/s41598-023-44369-z
976	Haribabu M., Guruviah V.	Enhanced multimodal medical image fusion based on Pythagorean fuzzy set: an innovative approach	Scientific Reports	13	1			4.6	10.1038/s41598-023-43873-6
977	S I., Clement J.C.	Directional intensified feature description using tertiary filtering for augmented reality tracking	Scientific Reports	13	1			4.6	10.1038/s41598-023-46643-6
978	Subudhi P., Punetha D.	Pivotal avenue for hybrid electron transport layer-based perovskite solar cells with improved efficiency	Scientific Reports	13	1			4.6	10.1038/s41598-023-33419-1
979	Chakrabarti S., Rao U.S.	Lightweight neural network for smart diagnosis of cholangiocarcinoma using histopathological images	Scientific Reports	13	1			4.6	10.1038/s41598-023-46152-6
980	Aarthy B., Keerthi B.S.	Enhancement of various images using coefficients obtained from a class of Sakaguchi type functions	Scientific Reports	13	1			4.6	10.1038/s41598-023-45938-y

981	Uppamma P., Bhattacharya S.	A multidomain bio-inspired feature extraction and selection model for diabetic retinopathy severity classification: an ensemble learning approach	Scientific Reports	13	1			4.6	10.1038/s41598-023-45886-7
982	Pai S.H.S., Sasmal A., Nayak A.K., Han H.	Facile Solvothermal Synthesis of NiO/g-C <sub>3</sub> N <sub>4</sub> Nanocomposite for Enhanced Supercapacitor Application	International Journal of Energy Research	2023				4.6	10.1155/2023/1524859
983	Sarfudeen S.; Sruthi V.P.; Maibam A.; Panda P.; Jhariat P.; Senthilkumar S.; Babarao R.; Panda T.	Robust Zeolitic Tetrazole Framework for Electrocatalytic Dopamine Detection with High Selectivity	Inorganic Chemistry	62	49	20236	20241	4.6	10.1021/acs.inorgchem.3c03189
984	Meena J.; Kumaraguru N.; Sami veerappa N.; Shin P.-K.; Tatsugi J.; Kumar A.S.; Santhakumar K.	Copper oxide nanoparticles fabricated by green chemistry using Tribulus terrestris seed natural extract-photocatalyst and green electrodes for energy storage device	Scientific Reports	13	1			4.6	10.1038/s41598-023-49706-w
985	N N.; M R.; Ramachandran S.; K V.; A M.I.; C D.; Khan B.	Geometric trust-based secure localization technique for resiliency of GPS outage and location error in vehicular cyber-physical systems (VCPS)	Scientific Reports	13	1			4.6	10.1038/s41598-023-48451-4
986	Ajithkumar M.; Vajravelu K.; Sucharitha G.; Lakshminarayana P.	Peristaltic flow of a bioconvective sutterby nanofluid in a flexible microchannel with compliant walls: Application to hemodynamic instability	Physics of Fluids	35	12			4.6	10.1063/5.0178766

987	Gunasekhar R.; Reza M.S.; Kim K.J.; Prabu A.A.; Kim H.	Electrospun PVDF/aromatic HBP of 4th gen based flexible and self-powered TENG for wearable energy harvesting and health monitoring	Scientific Reports	13	1			4.6	10.1038/s41598-023-50231-z
988	Ravi T.R.; Kumar K.S.; Dhanamjayulu C.; Khan B.; Rajalakshmi K.	Analysis and mitigation of PQ disturbances in grid connected system using fuzzy logic based IUPQC	Scientific Reports	13	1			4.6	10.1038/s41598-023-49042-z
989	Radha K.; Yepuganti K.; Saritha S.; Kamireddy C.; Bavirisetti D.P.	Unfolded deep kernel estimation-attention UNet-based retinal image segmentation	Scientific Reports	13	1			4.6	10.1038/s41598-023-48039-y
990	Ellappan V.; Mahendran A.; Subramanian M.; Jotheeswaran J.; Khadidos A.O.; Khadidos A.O.; Selvarajan S.	Sliding principal component and dynamic reward reinforcement learning based IIoT attack detection	Scientific Reports	13	1			4.6	10.1038/s41598-023-46746-0
991	Rajendran S., Panneerselvam R.K., Kumar P.J., Rajasekaran V.A., Suganya P., Mathivanan S.K., Jayagopal P.	Prescreening and Triage of COVID-19 Patients Through Chest X-Ray Images Using Deep Learning Model	Big data	11	6	408	419	4.6	10.1089/big.2022.0028
992	Babu Vimala B.; Srinivasan S.; Mathivanan S.K.; Mahalakshmi; Jayagopal P.; Dalu G.T.	Detection and classification of brain tumor using hybrid deep learning models	Scientific Reports	13	1			4.6	10.1038/s41598-023-50505-6

993	Bhol R.; Swain S.C.; Dash R.; Reddy K.J.; Dhanamjayulu C.; Khan B.	Short-Term Reactive Power Forecasting Based on Real Power Demand Using Holt-Winters' Model Ensemble by Global Flower Pollination Algorithm for Microgrid	International Journal of Energy Research	2023				4.6	10.1155/2023/9733723
994	Siva P., Thennarasi A., Yalambaku R., Ghanashyam Krishna M., Vasu K.	Pseudocapacitive charge storage behavior of cation-doped WS <sub>2</sub> nanosheets electrode	Journal of Electroanalytical Chemistry	941				4.598	10.1016/j.jelechem.2023.117527
995	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
996	Rekha K., Vizhi R.E.	Exploring the structural, magnetic and magnetothermal properties of (CoFe <sub>2</sub> O <sub>4</sub> ) <sub>x</sub> /(Ni <sub>0.8</sub> Zn <sub>0.2</sub> Fe <sub>2</sub> O <sub>4</sub> ) <sub>1-x</sub> nanocomposite ferrites	Results in Physics	44				4.565	10.1016/j.rinp.2022.106139
997	Abarna S.T., Ezhil Vizhi R., Harikrishnan V.	Examining the structural, magnetic and dielectric properties of exchange spring nanocomposite magnets comprising Ba <sub>0.5</sub> Sr <sub>0.5</sub> Fe <sub>12</sub> O <sub>19</sub> and Zn <sub>0.5</sub> Co <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub>	Results in Physics	48				4.565	10.1016/j.rinp.2023.106419
998	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



999	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
1000	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
1001	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
1002	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/pathogens12010025
1003	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/pathogens12020250

1004	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
1005	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
1006	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
1007	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
1008	Raghavan S.S.R., Andrews N.G., Sellappan R.	Carbon-Protected BiVO <sub>4</sub> —Cu <sub>2</sub> O Thin Film Tandem Cell for Solar Water Splitting Applications	Catalysts	13	1			4.501	10.3390/catal13010 144

1009	Davanagere P.M., De M., Chanda K., Maiti B.	Diastereo- and Enantioselective Synthesis of Highly Functionalized Tetrahydropyridines by Recyclable Novel Bifunctional C2-Symmetric Ionic Liquid-Supported (S)-Proline Organocatalyst	Catalysts	13	1			4.501	10.3390/catal13010209
1010	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
1011	Manjupriya R., Roopan S.M.	Unveiling the Photocatalytic Activity of Carbon Dots/g-C3N4 Nanocomposite for the O-Arylation of 2-Chloroquinoline-3-carbaldehydes	Catalysts	13	2			4.501	10.3390/catal13020308
1012	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
1013	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

1014	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
1015	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
1016	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
1017	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
1018	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

1019	Sreelakshmi B., Thamankar R.	Coexistence of synaptic behaviour and negative differential resistance at room temperature in the resistive switching device based on natural indigo molecules	Dyes and Pigments	219				4.5	10.1016/j.dyepig.2023.111638
1020	Rajendran S., Bhunia S.K.	Carbon dots decorated graphitic carbon nitride as a practical and flexible metal-free nanosensor for breath humidity monitoring	Carbon Letters					4.5	10.1007/s42823-023-00624-x
1021	Khot S.B., Thiagarajan S.	Developing a resilient and sustainable non-linear closed-loop supply chain management framework for the automotive sector industry using a gaussian fuzzy optimization based non-linear model predictive control approach	Journal of Industrial and Production Engineering					4.5	10.1080/21681015.2023.2269926
1022	El Haddad N.; En-nahli Y.; Choukri H.; Aloui K.; Mentag R.; El-Baouchi A.; Hejjaoui K.; Rajendran K.; Smouni A.; Maalouf F.; Kumar S.	Metabolic Mechanisms Underlying Heat and Drought Tolerance in Lentil Accessions: Implications for Stress Tolerance Breeding	Plants	12	23			4.5	10.3390/plants12233962
1023	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

1024	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
1025	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 $\alpha$ IIb $\beta$ -propeller mutations reported in Indian Glanzmann thrombasthenia patients	Journal of Cellular Biochemistry					4.48	10.1002/jcb.30423
1026	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- $\beta$ -lactam, $\beta$ -lactam, and $\beta$ -lactamase inhibitors/ $\beta$ -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

1027	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 Bauhinia purpurea Mediated Synthesized Silver Nanoparticles against In-vitro and In-vivo Models	Toxics	11	1			4.472	10.3390/toxics11010009
1028	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/toxics11040350
1029	Gabhane L.R., Kanidarapu N.	Environmental Risk Assessment Using Neural Network in Liquefied Petroleum Gas Terminal	Toxics	11	4			4.472	10.3390/toxics11040348
1030	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	10.1177/0734242X221146082
1031	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.0000000000001714

1032	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
1033	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
1034	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
1035	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/s1005 2-023-11877-1
1036	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.2023.33 05340
1037	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
1038	Muniasamy R., Manjubala I.	Identification of potential sclerostin inhibiting flavonoids from Oroxyllum indicum: an insilico approach	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2 023.2239955



1039	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
1040	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
1041	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
1042	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
1043	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

1044	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	10.1080/07391102.2 023.2224899
1045	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
1046	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
1047	Javali P.S., Thirumurugan K.	Embelin targets PI3K/AKT and MAPK in age-related ulcerative colitis: an integrated approach of microarray analysis, network pharmacology, molecular docking, and molecular dynamics	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.20 23.2255674
1048	T P., Katta B., Lulu S S., Sundararajan V.	Gene expression analysis reveals GRIN1, SYT1, and SYN2 as significant therapeutic targets and drug repurposing reveals lorazepam and lorediplon as potent inhibitors to manage Alzheimer's disease	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.20 23.2255678

1049	Dubey A., Sivaraman J.	Investigating anti-inflammatory actions of marine algal compound against lipoxygenase concentrating on therapeutic applications through computational approach	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2023.2249115
1050	Ravi L., Kumar K A., Kumari G R S., S H., Sam Raj J.B., R L., Chinnaiyan P., K C D.J., J K M., Sudhakara D., Dar M.S., D M Y., G S.	Stearyl palmitate a multi-target inhibitor against breast cancer: in-silico, in-vitro & in-vivo approach	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2023.2255271
1051	Mahapatro S.R., Subudhi B.	A New H <sub>∞</sub> Weighted Sensitive Function based Robust Multi-loop PID Controller for a Multi-variable System	IEEE Transactions on Circuits and Systems II: Express Briefs			1	1	4.4	10.1109/TCSII.2023.3319388
1052	Jyothi N., Avula Golla V.K.	Study of radiative heat and mass intensification with magnetic field for Casson and Williamson nanofluid flow model over a porous stretching sheet with higher-order chemical reaction: application of solar energy	Journal of Thermal Analysis and Calorimetry					4.4	10.1007/s10973-023-12536-z
1053	Mohamed S.K., Karthikeyan S., Khamies E., Ahsin A., Bakhite E., S. Marae I., I. El-Emary T., Mague J.T., I. Said A., Al-Salahi R., El Bakri Y.	Synthesis, structural and X-ray analysis evaluations and computational studies of newly tetrahydroisoquinoline derivatives as potent against microsomal prostaglandin E synthase 1	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2023.2272745

1054	Sasidharan R., Mohanan R., Kukreti N., Raj P., Abdelgawad M.A., Ghoneim M.M., Manju S.L., Mathew B.	MAO-B Inhibitor (2E)-3-(4-Bromophenyl)-1-(1H-indol-3-yl) prop-2-en-1-one as a Neuroprotective Agent Against Alzheimer's Disease	Neurochemical Research					4.4	10.1007/s11064-023-04031-6
1055	Dhamodharan P., Pillai G.G., Arumugam M.	Identification of potential phytochemical inhibitors for the proven six chronic obstructive pulmonary disease biomarkers—A molecular dynamics study	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2023.2259490
1056	Rambabu M., Konageni N., Vasudevan K., Dasegowda K.R., Gokul A., Jayanthi S., Rohini K.	Identification of key biomarkers and associated pathways of pancreatic cancer using integrated transcriptomic and gene network analysis	Saudi Journal of Biological Sciences	30	11			4.4	10.1016/j.sjbs.2023.103819
1057	Nieto-Panqueva F., Rubalcava-Gracia D., Hamel P.P., González-Halphen D.	The constraints of allotopic expression	Mitochondrion	73		30	50	4.4	10.1016/j.mito.2023.09.004
1058	Arakkal Thaiparambil N., Radhakrishnan V.	Role of formulated bacterial consortia in biofortifying tomato fruits with nutrients: A nutritional, genomic and metagenomic analysis	Saudi Journal of Biological Sciences	30	12			4.4	10.1016/j.sjbs.2023.103851
1059	Dey P., Buragohain T., Osborne W.J.	Inhibition of microbial pathogens and toxicity assessment of noformicin synthesized by <i>Psychrobacter faecalis</i> : An endophyte of <i>Averrhoa carambola</i>	Process Biochemistry	134		329	340	4.4	10.1016/j.procbio.2023.10.015

1060	Gomathy G., Kumar B.R.	Impacts of nanoparticle shapes on Ag-water nanofluid thin film flow through a porous medium with thermal radiation and ohmic heating	Journal of Thermal Analysis and Calorimetry					4.4	10.1007/s10973-023-12609-z
1061	Pant R., Kumar R., Sharma S., Karuppasamy R., Veerappapillai S.	Exploring the potential of Halalkalibacterium halodurans laccase for endosulfan and chlorophacinone degradation: insights from molecular docking and molecular dynamics simulations	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2023.2283165
1062	Benny A.T., Radhakrishnan E.K.	Assessing the antibiofilm activity of flavonol esters against Pseudomonas aeruginosa PAO1 biofilm: an in vitro, molecular docking, and molecular dynamics study	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2023.2283811
1063	Hephzibah Cathryn R., George Priya Doss C.	Investigation of the impact of R273H and R273C mutations on the DNA binding domain of P53 protein through molecular dynamic simulation	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2023.2283793
1064	Brindangnanam P., Ashokkumar K., Kamaraj S., Coumar M.S.	Exploring imidazo[4,5-g]quinoline-4,9-dione derivatives as Acinetobacter baumannii efflux pump inhibitor: an in silico approach	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2023.2279287

1065	Devaraji V., Sivaraman J.	Exploring the potential of machine learning to design antidiabetic molecules: a comprehensive study with experimental validation	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2023.2275176
1066	Lisha N.M.; Vijaya Kumar A.G.; Shah N.A.	Numerical investigation of homogeneous–heterogeneous reactions in 3D MHD non-Newtonian hybrid nanofluid with heat source and shape factor in permeable media over a stretching sheet	Journal of Thermal Analysis and Calorimetry					4.4	10.1007/s10973-023-12708-x
1067	Madhana Priya V.; George Priya Doss C.; R M.	Exploring natural products library to identify potential inhibitors targeting isoniazid-resistant tuberculosis	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2023.2283159
1068	Karunakaran K.; Muniyan R.	Integrating machine learning and high throughput screening for the discovery of allosteric AKT1 inhibitors	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2023.2293265
1069	Choudhury A.A.; Devi Rajeswari V.	Computational analysis of potential drug-like compounds from Solanum torvum - A promising phytotherapeutics approach for the treatment of diabetes	Journal of Biomolecular Structure and Dynamics					4.4	10.1080/07391102.2023.2293279
1070	Karthick C.; Chatterjee D.; Gupta N.; Saxena P.; Sivagami K.; Jeevanantham A.K.; Kasianantham N.; Shaik S.; Asif M.; Khan S.A.; Ağbulut Ü.	Environmental, combustion, and performance investigation of low viscous biofuel in port fuel injection spark-ignition engine	Journal of Thermal Analysis and Calorimetry					4.4	10.1007/s10973-023-12754-5

1071	Vishnu D.; Rajendran A.; Dhandapani B.	A potent insight into the microalgal and surface-modified magnetic microalgal biomass synthesis and treatment strategies in the removal of selenium and chromium metal ions	Energy, Ecology and Environment					4.4	10.1007/s40974-023-00308-2
1072	Wang H.-L.; Wei X.-Y.; Wang J.; Sun H.-D.; Huang R.-J.; Ubba E.; Yu T.	Mechanoluminescence of metal complexes: Progress and applications; [金属配合物的机械发光: 进展与应用]	Journal of Central South University	30	12	3897	3923	4.4	10.1007/s11771-023-5520-4
1073	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
1074	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
1075	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
1076	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

1077	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
1078	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
1079	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
1080	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
1081	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
1082	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
1083	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
1084	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



1085	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
1086	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
1087	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
1088	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

1089	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
1090	Bora A., Sharma R., Gupta I., Singh M., Mukherjea N., Bartaria 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
1091	Dubey V., Mishra A.K., Ghosh A.R.	Appraisal of the Possible Role of PPAR $\gamma$ Upregulation by CLA of Probiotic <i>Pediococcus pentosaceus</i> GS4 in Colon Cancer Mitigation	PPAR Research	2023				4.385	10.1155/2023/9458308
1092	Prabhakaran Shyma A., Sellappan R.	Synergistic performance of Zn <sup>2+</sup> 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.jpics.2023.111332
1093	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

1094	Ratnam M.V., Akilamudhan P., Kumar K.S., Reddy S.N., Rao K.N., Shaik F., Prasad D.M.R.	Carbon-Based Nanoadsorbents for the Removal of Emerging Pollutants	Adsorption Science and Technology	2023				4.373	10.1155/2023/3579 165
1095	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
1096	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
1097	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
1098	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	10.1080/15397734.2 021.1891548
1099	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	10.1080/15397734.2 023.2172031

1100	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
1101	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
1102	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
1103	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
1104	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 <sub>2</sub> /3Ta <sub>1</sub> /3)O <sub>3</sub> Ceramic	IEEE Sensors Journal			1	1	4.325	10.1109/JSEN.2023.3277795
1105	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

1106	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
1107	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
1108	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
1109	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
1110	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

1111	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
1112	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
1113	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
1114	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
1115	Uganya G., Bremnavas I., Prashanth K.V., Rajkumar M., Lalitha R.V.S., Singh C.	Empowering autonomous indoor navigation with informed machine learning techniques	Computers and Electrical Engineering	111				4.3	10.1016/j.compeleceng.2023.108918
1116	Rajendran D., Varghese R.P., C G.P.D., Shivashankar M., Chandrasekaran N.	Interaction of antidiabetic formulation with nanoplastics and its binary influence on plasma protein	Environmental Toxicology and Pharmacology	102				4.3	10.1016/j.etap.2023.104249
1117	Wang Z., Tan W.G.Y., Rangaiah G.P., Wu Z.	Machine learning aided model predictive control with multi-objective optimization and multi-criteria decision making	Computers and Chemical Engineering	179				4.3	10.1016/j.compchemeng.2023.108414

1118	Sangeetha S., Revathi B.S., Balamurugan K., Suresh G.	Performance analysis of buck converter with fractional PID controller using hybrid technique	Robotics and Autonomous Systems	169				4.3	10.1016/j.robot.2023.104515
1119	Gopikrishnan S., Priakanth P., Srivastava G., Joe C.V.	SCHEISB: Design of a high efficiency IoMT security model based on sharded chains using bio-inspired optimizations	Computers and Electrical Engineering	111				4.3	10.1016/j.compeleceng.2023.108925
1120	Saha P., Talwar P.	Idiopathic pulmonary fibrosis (IPF): disease pathophysiology, targets, and potential therapeutic interventions	Molecular and Cellular Biochemistry					4.3	10.1007/s11010-023-04845-6
1121	Govindan T., Palaniswamy S.K., Kanagasabai M., Kumar S., Agarwal R., Kumar R., Panigrahy D.	Design and Analysis of a Conformal MIMO Ingestible Bolus Sensor Antenna for Wireless Capsule Endoscopy for Animal Husbandry	IEEE Sensors Journal			1	1	4.3	10.1109/JSEN.2023.3323658
1122	Siddique A.A., Boulila W., Alshehri M.S., Ahmed F., Gadekallu T.R., Victor N., Qadri M.T., Ahmad J.	Privacy-Enhanced Pneumonia Diagnosis: IoT-Enabled Federated Multi-Party Computation in Industry 5.0	IEEE Transactions on Consumer Electronics			1	1	4.3	10.1109/TCE.2023.3319565
1123	Braveen M., Anusha K., Jerlin M.A., Seetha R., Sampath N.	IDISense: IOT-based Dam Water Disaster Sensing and Prevention System	IEEE Sensors Journal			1	1	4.3	10.1109/JSEN.2023.3322290
1124	Wu J., Zhang J., Bilal M., Han F., Victor N., Xu X.	A Federated Deep Learning Framework for Privacy-Preserving Consumer Electronics Recommendations	IEEE Transactions on Consumer Electronics			1	1	4.3	10.1109/TCE.2023.3325138

1125	Abbas S., Boulila W., Driss M., Victor N., Sampedro G.A., Abisado M., Gadekallu T.R.	Aspect Category Detection of Mobile Edge Customer Reviews: A Distributed and Trustworthy Restaurant Recommendation System	IEEE Transactions on Consumer Electronics			1	1	4.3	10.1109/TCE.2023.3323334
1126	Aravinth N., Sakthivel R., Satheesh T., Kwon O.M., Harshavarthini S.	Reference management-based resilient control for delayed periodic piecewise polynomial systems under proportional integral observer	International Journal of Systems Science					4.3	10.1080/00207721.2023.2268773
1127	Anbalagan S., Raja G., Gurumoorthy S., R D.S., Ayyakannu K.	Blockchain Assisted Hybrid Intrusion Detection System in Autonomous Vehicles for Industry 5.0	IEEE Transactions on Consumer Electronics			1	1	4.3	10.1109/TCE.2023.3320282
1128	Devarajan G.G., Nagarajan S.M., A D., T V., Kaluri R.	Consumer Product Recommendation System using Adapted PSO with Federated Learning Method	IEEE Transactions on Consumer Electronics			1	1	4.3	10.1109/TCE.2023.3319374
1129	Syed S.R., M. A S.D.	A diagnosis model for brain atrophy using deep learning and MRI of type 2 diabetes mellitus	Frontiers in Neuroscience	17				4.3	10.3389/fnins.2023.1291753
1130	Subramanian A., Saravanan M., Rajasekhar B., Chakraborty S., Sivagami K., Tamizhdurai P., Mangesh V.L., Selvaraj M., Kumar N.S., Al-Fatesh A.S.	Comparative risk assessment studies estimating the hazard posed by long-term consumption of PPCPs in river water	Food and Chemical Toxicology	182				4.3	10.1016/j.fct.2023.114169



1131	Balaji S.; Pavithra R.; Arivudainambi D.; Varunkumar K.; Suresh A.; Omar M.M.; Bashir A.K.	Towards Efficient Sensor Deployment in Internet of Things for Target Coverage and Sensor Connectivity	IEEE Transactions on Consumer Electronics			1	1	4.3	10.1109/TCE.2023.3335466
1132	Subudhi P.; Sagar V.; Kumar S.; Punetha D.	Simulation and Optimization of Substrate Layer Material for PVDF Cantilever Based Vibration Energy Harvesting System	IEEE Sensors Journal	23	23	28689	28695	4.3	10.1109/JSEN.2023.3326681
1133	Panchal N.K.; Mohanty S.; Prince S.E.	Computational insights into NIMA-related kinase 6: unraveling mutational effects on structure and function	Molecular and Cellular Biochemistry					4.3	10.1007/s11010-023-04910-0
1134	Kumari R.; Sah D.K.; Gupta S.; Cengiz K.; Ivkovic N.	Advancing Medical Recommendations With Federated Learning on Decentralized Data: A Roadmap for Implementation	IEEE Transactions on Consumer Electronics			1	1	4.3	10.1109/TCE.2023.3334159
1135	Singh S.; Sachan A.; Goyal J.K.; Purwar S.; Soni S.K.	Supervisory-based quantised hands-off control for a class of uncertain systems with nonlinear sector	International Journal of Systems Science					4.3	10.1080/00207721.2023.2271118
1136	Anuradha N.; Sivabalan S.	Low Level Concentration Measurement of Mercury Ions using CLF-GIMF based Multimode Interference Sensing in a Fiber Optic Ring Cavity Laser	IEEE Sensors Journal			1	1	4.3	10.1109/JSEN.2023.3338461

1137	Kanekal D.; Jindal S.K.	Optimizing Piezoresistive MEMS Pressure Sensor on a Double Cross Beam Silicon Diaphragm with Statistical Curve-fitting and Optimization Techniques	IEEE Sensors Journal			1	1	4.3	10.1109/JSEN.2023.3333348
1138	Geetha K.; Hota M.K.	Seismic Random Noise Attenuation using Optimal Empirical Wavelet Transform with a New Wavelet Thresholding Technique	IEEE Sensors Journal			1	1	4.3	10.1109/JSEN.2023.3334819
1139	Kumar A.; Thirumurugan K.	Understanding cellular senescence: pathways involved, therapeutics and longevity aiding	Cell Cycle	22	20	2324	2345	4.3	10.1080/15384101.2023.2287929
1140	Immanuel Durai Raj J.; Durairaj R.I.B.; John Rajan A.; Barmavatu P.	Effect of e-waste nanofillers on the mechanical, thermal, and wear properties of epoxy-blend sisal woven fiber-reinforced composites	Green Processing and Synthesis	12	1			4.3	10.1515/gps-2023-0164
1141	Sivaraj C.; Maiti D.; Gandhi T.	Photo-Catalyzed Acyl Azolium Promoted Selective $\alpha$ -C(sp <sup>3</sup> )-H Acylation of Acetone via HAT: Access to Thermodynamically Less Favoured (Z)- $\alpha,\beta$ -Unsaturated Ketones	Chemistry - A European Journal					4.3	10.1002/chem.202303626
1142	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

1143	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
1144	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
1145	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
1146	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
1147	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.advengsof t.2022.103331
1148	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.advengsof t.2022.103362

1149	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
1150	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
1151	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
1152	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
1153	Naik N., Chandrasekaran K., Meenakshi Sundaram V., Panneer P.	Spatio-temporal analysis of land use/land cover change detection in small regions using self-supervised lightweight deep learning	Stochastic Environmental Research and Risk Assessment					4.2	10.1007/s00477-023-02554-6

1154	Natesan G., Manikandan N., Pradeep K., Sherly Puspha Annabel L.	Task scheduling based on minimization of makespan and energy consumption using binary GWO algorithm in cloud environment	Peer-to-Peer Networking and Applications	16	5	2560	2573	4.2	10.1007/s12083-023-01536-3
1155	Goyal J.K., Sachan A., Prabha N.A., Kamal S., Chauhan A.K., Ghosh S., Bandyopadhyay B., Xiong X.	Non-smooth integral sliding surface based control for systems with mismatched disturbances	Journal of Process Control	131				4.2	10.1016/j.jprocont.2023.103094
1156	Rajasoundaran S., Kumar S.V.N.S., Selvi M., Kannan A.	Reactive handover coordination system with regenerative blockchain principles for swarm unmanned aerial vehicles	Peer-to-Peer Networking and Applications					4.2	10.1007/s12083-023-01572-z
1157	Athira E.T., Satija J.	Plasmonic nanoparticle etching-based optical sensors: current status and future prospects	Analyst					4.2	10.1039/d3an01244a
1158	Subramanian S.; Ganapathy S.; Subramanian S.; Venkataramani G.	Investigations on Multiexciton Generation and Hot Electron Transfer Process in CdTe QD-Decorated TiO <sub>2</sub> Nanostructures for Effective Photocatalytic Activity	Industrial and Engineering Chemistry Research	62	46	19536	19546	4.2	10.1021/acs.iecr.3c01879
1159	Rao P.M.; Deebak B.D.	Lightweight two-factor authentication framework with privacy preserving for smart eHealth	Peer-to-Peer Networking and Applications					4.2	10.1007/s12083-023-01596-5

1160	Sreedharan R., Gandhi T.	Brønsted Base Prompted sp <sup>3</sup> C-H Latent Nucleophiles to Access $\alpha$ -Branched Amines Bearing $\beta$ -Carbonyl by Cleaving Amide and Ester Bonds	Journal of Organic Chemistry					4.198	10.1021/acs.joc.3c00455
1161	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
1162	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
1163	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
1164	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

1165	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
1166	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
1167	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.compeleceng.2022.108572
1168	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.compeleceng.2022.108556

1169	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.compeleceng.2023.108596
1170	Soundrapandiyan R., Naidu H., Karupiah 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.compeleceng.2023.108711
1171	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.compeleceng.2023.108728
1172	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.compeleceng.2023.108757
1173	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
1174	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



1175	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
1176	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
1177	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.2c05246

1178	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
1179	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
1180	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.2 c08285

1181	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
1182	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
1183	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
1184	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
1185	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

1186	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
1187	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
1188	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
1189	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
1190	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
1191	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

1192	Ghugal S.G., Vidyasagar D., Tadi K.K., Geethukrishnan, Umare S.S., Jeong Y., Yoon J.	Optimized photocatalytic performance of ZnS-SnO <sub>2</sub> 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
1193	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.3 c01373
1194	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.3 c02041
1195	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
1196	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

1197	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
1198	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
1199	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
1200	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

1201	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.3c01611
1202	Vijayan K., Thirumalaisamy L., Vijayachamundeeswari S.P., Sivaperuman K., Ahsan N., Okada Y.	A Novel Approach for Designing a Sub-Bandgap in CuGa(S,Te) <sub>2</sub> Thin Films Assisted with Numerical Simulation of Solar Cell Devices for Photovoltaic Application	ACS Omega	8	25	22414	22427	4.1	10.1021/acsomega.2c08196
1203	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.3c02477
1204	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 $\alpha$ -Lactalbumin and Caffeic Acid: A Multispectroscopic and Molecular Docking Study	ACS Omega	8	22	19853	19861	4.1	10.1021/acsomega.3c01755
1205	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

1206	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/d3md0016 5b
1207	Varghese R., Buragohain T., Banerjee I., Mukherjee R., Penshanwar 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.20 23.07.009
1208	Ramachandran E., Krishnaiah R., Perumal Venkatesan E., Saleel C.A., Shaik S.	Investigation on Ammonia- Biodiesel Fueled RCCI Combustion Engine Using a Split Injection Strategy	ACS Omega	8	34	30990	31001	4.1	10.1021/acsomega.3c 02641
1209	Raje S., Koner A., Ghosh S., Butcher R.J., Mathivathanan L., Sundararajan M., Angamuthu R.	Late-stage Ligand Modification After Coordination Strengthens Stereoselectively Self-Assembled Hemiaminal Ether Complexes	Chemistry - An Asian Journal					4.1	10.1002/asia.2023007 06
1210	Sharma P., Raju S.	Metaheuristic optimization algorithms: a comprehensive overview and classification of benchmark test functions	Soft Computing					4.1	10.1007/s00500-023- 09276-5



1211	Dhanamjayulu P., Boga R.B., Das R., Mehta A.	Control of aflatoxin biosynthesis by sulfur containing benzimidazole derivatives: In-silico interaction, biological activity, and gene regulation of <i>Aspergillus flavus</i>	Journal of Biotechnology	376		33	44	4.1	10.1016/j.jbiotec.2023.09.004
1212	Thilak abu L., Paira P.	CuAAC "Click"-Derived Luminescent 2-(2-(4-(4-(Pyridin-2-yl)-1H-1,2,3-triazol-1-yl)butoxy)phenyl)benzo[d]thiazole-Based Ru(II)/Ir(III)/Re(I) Complexes as Anticancer Agents	ACS Omega	8	36	32382	32395	4.1	10.1021/acsomega.3c01639
1213	Thomas A., Thirumalaisamy L., Madanagurusamy S., Sivaperuman K.	Incompatibility of Pure SnO <sub>2</sub> Thin Films for Room-Temperature Gas Sensing Application	ACS Omega	8	36	32848	32854	4.1	10.1021/acsomega.3c04038
1214	Kumar S., Padala K., Maiti B.	H <sub>2</sub> O <sub>2</sub> -Mediated Synthesis of a Quinazolin-4(3H)-one Scaffold: A Sustainable Approach	ACS Omega	8	36	33058	33068	4.1	10.1021/acsomega.3c05162
1215	Vijayakumar N., Venkatraman S.K., Nandakumar R., Alex R.A., Abraham J., Mohammadi H., Ebadi M., Swamiappan S.	Optimization of Metal Ion/Fuel Ratio for an Effective Combustion of Monticellite and Investigation of Its Microbial and Hemolytic Activity for Biomedical Applications	ACS Omega					4.1	10.1021/acsomega.3c03984
1216	Venkatesan S., Chanda K., Balamurali M.M.	Recent Advancements of Aptamers in Cancer Therapy	ACS Omega	8	36	32231	32243	4.1	10.1021/acsomega.3c04345

1217	Mukherjee S., Nag S., Mukerjee N., Maitra S., Muthusamy R., Fuloria N.K., Fuloria S., Adhikari M.D., Anand K., Thorat N., Subramaniyan V., Gorai S.	Unlocking Exosome-Based Theragnostic Signatures: Deciphering Secrets of Ovarian Cancer Metastasis	ACS Omega					4.1	10.1021/acsomega.3c02837
1218	Kumari M., Pulimi M.	Sulfate Radical-Based Degradation of Organic Pollutants: A Review on Application of Metal-Organic Frameworks as Catalysts	ACS Omega					4.1	10.1021/acsomega.3c02977
1219	Irshad C.V., Lekha P.P.S., Azeez E.P.A., Rajan S.I.	Active and productive ageing in India: evidence from the time use pattern of ageing adults	BMC Geriatrics	23	1			4.1	10.1186/s12877-023-04428-6
1220	Ramachandran E., Krishnaiah R., Venkatesan E.P., Shaik S., Saleel C.A., Hussain F.	Investigation into the Ideal Concoction for Performance and Emissions Enhancement of Jatropha Biodiesel-Diesel with CuO Nanoparticles Using Response Surface Methodology	ACS Omega					4.1	10.1021/acsomega.3c03890
1221	Ganesh R.A., Venkataraman K., Sirdeshmukh R.	GPR56 signaling pathway network and its dynamics in the mesenchymal transition of glioblastoma	Journal of Cell Communication and Signaling					4.1	10.1007/s12079-023-00792-5
1222	Peela S.C.M., Basu S., Sharma J., AlAsmari A.F., AlAsmari F., Alalmaee S., Ramaiah S., Sistla S., Livingstone P., Anbarasu A.	Structure Elucidation and Interaction Dynamics of MefA-MsrD Efflux Proteins in Streptococcus pneumoniae: Impact on Macrolide Susceptibility	ACS Omega					4.1	10.1021/acsomega.3c05210

1223	Malik A.; Khan J.M.; Al-Amri A.M.; Altwaijry N.; Sharma P.; Alhomida A.; Sen P.	Hexametaphosphate, a Common Food Additive, Aggregated the Hen Egg White Lysozyme	ACS Omega	8	46	44086	44092	4.1	10.1021/acsomega.3c06210
1224	Parhi C.C., Thirumalasetty A.B., James A.R., Wuppulluri M.	Relative Investigation on Microwave-Assisted Zr-Modified PbTiO <sub>3</sub> and BaTiO <sub>3</sub> Ferroelectric Ceramics for Energy Storage Application	ACS Omega	8	41	37752	37768	4.1	10.1021/acsomega.2c06764
1225	Rajendran D.; Chandrasekaran N.	Unveiling the Modification of Esterase-like Activity of Serum Albumin by Nanoplastics and Their Cocontaminants	ACS Omega	8	46	43719	43731	4.1	10.1021/acsomega.3c05447
1226	Achari A.M.; Perumalsamy V.; Swati G.; Khare A.	SrAl <sub>2</sub> O <sub>4</sub> :Eu <sup>2+</sup> , Dy <sup>3+</sup> Long Afterglow Phosphor and Its Flexible Film for Optomechanical Sensing Application	ACS Omega	8	48	45483	45494	4.1	10.1021/acsomega.3c05222
1227	Kanth Kadiyala N.; Mandal B.K.; Kumar Reddy L.V.; Sen D.; Tammina S.K.; Barnes C.H.; Alvarez M.N.; De Los Santos Valladares L.; Kotakadi V.S.; Gaddam S.A.	One-Pot Solvothermal Synthetic Route of a Zinc Oxide Nanoparticle-Decorated Reduced Graphene Oxide Nanocomposite: An Advanced Material with a Novel Anticancer Theranostic Approach	ACS Omega	8	49	46763	46776	4.1	10.1021/acsomega.3c06082
1228	Meena J.; Santhakumar K.; Senthil Kumar A.	Redox-Active Green Electrode: Plant-Based Betanin Immobilized on Carbon Black for Drift-Free Voltammetric and Potentiometric pH Sensor Applications	ACS Omega	8	48	45787	45800	4.1	10.1021/acsomega.3c06453

1229	Balasundaram A.; C Doss G.P.	Comparative Atomistic Insights on Apo and ATP-I1171N/S/T in Nonsmall-Cell Lung Cancer	ACS Omega	8	46	43856	43872	4.1	10.1021/acsomega.3c05785
1230	SenthilPandian M.; Santhi M.H.; Ganapathy S.; Nivethika S.D.; Joseph F.J.J.	An intelligent prediction system for predicting the types of joints on extended endplate long bolted joint using fuzzy rules	Soft Computing					4.1	10.1007/s00500-023-09493-y
1231	Shimpi J.K.; Shanmugam P.; Stonier A.A.	Analytical model to predict diabetic patients using an optimized hybrid classifier	Soft Computing					4.1	10.1007/s00500-023-09487-w
1232	Joshi B.; Shivashankar M.	Recent Advancement in the Synthesis of Ir-Based Complexes	ACS Omega	8	46	43408	43432	4.1	10.1021/acsomega.3c04867
1233	Riyamol N.; Gada Chengaiyan J.; Rana S.S.; Ahmad F.; Haque S.; Capanoglu E.	Recent Advances in the Extraction of Pectin from Various Sources and Industrial Applications	ACS Omega	8	49	46309	46324	4.1	10.1021/acsomega.3c04010
1234	Ramesh K.; Raghavan V.	Agricultural Waste-Derived Biochar-Based Nitrogenous Fertilizer for Slow-Release Applications	ACS Omega					4.1	10.1021/acsomega.3c06687
1235	Sankarganesh D.; Balasundaram A.; Doss C G.P.; Azhwar R.; Achiraman S.; Archunan G.	Mechanistic Insights into the Binding of Boar Salivary Pheromones and Putative Molecule with Receptor Proteins: A Comparative Computational Approach	ACS Omega					4.1	10.1021/acsomega.3c09211
1236	Akshaya S.; Nathanael A.J.	A Review on Hydrophobically Associated Alginates: Approaches and Applications	ACS Omega					4.1	10.1021/acsomega.3c08619
1237	Mathew J.; Krishnan C.K.	Two-Dimensional Zeolites-Potential Catalysts for Biomass Valorization	ACS Omega					4.1	10.1021/acsomega.3c08645

1238	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
1239	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
1240	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
1241	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
1242	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
1243	Gupta S., Rajagopal P.	SO 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

1244	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
1245	Santhosh N., Sivaraj R., Ramachandra Prasad V., Anwar Béğ O., Leung H.-H., Kamalov F., Kuharat S.	Computational study of MHD mixed convective flow of Cu/Al <sub>2</sub> O <sub>3</sub> -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
1246	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 <sub>3</sub> O <sub>4</sub> -Ag/blood hybrid nanofluid with Cattaneo-Christov heat flux model	Waves in Random and Complex Media					4.051	10.1080/17455030.2022.2164808
1247	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

1248	Lhamo P., Mahanty B., Behera S.K.	Optimization of biomass and polyhydroxyalkanoate production by <i>Cupriavidus necator</i> using response surface methodology and genetic algorithm optimized artificial neural network	Biomass Conversion and Biorefinery					4.050	10.1007/s13399-023-04043-w
1249	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
1250	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
1251	Kumar P., Kumar S.V.	Nanoprimering of <i>Eleusine coracana</i> seeds using phyto-assisted magnetic nanoparticles (Fe <sub>3</sub> O <sub>4</sub> ) synthesized from <i>Colocasia esculenta</i> leaves	Biomass Conversion and Biorefinery					4.05	10.1007/s13399-023-04327-1

1252	Suresh N., Sivakumar P., Malathi A.C.J., Veeramalini J.B.	Dielectric, magnetic, microwave shielding, and mechanical behavior of flexible NiFe <sub>2</sub> O <sub>4</sub> 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
1253	Kalipillai P., Raghuram E., Mani E.	Effect of substrate charge density on the adsorption of intrinsically disordered protein amyloid $\beta$ 40: a molecular dynamics study	Soft Matter	19	8	1642	1652	4.046	10.1039/d2sm01581a
1254	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
1255	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
1256	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



1257	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 <sub>2</sub> <sup>2+</sup> and Th <sup>4+</sup> ions using surface modified C18 silica monolithic supports with target specific ionophoric ligands	RSC Advances	13	5	3317	3328	4.036	10.1039/d2ra07495h
1258	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
1259	Prabu S., Viswanathan T., David E., Jagadeeswari S., Palanisami N.	Enhancement of photovoltaic performance in ferrocenyl $\pi$ -extended multi donor- $\pi$ -acceptor (D-D'- $\pi$ -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
1260	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

1261	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
1262	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
1263	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
1264	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
1265	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
1266	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

1267	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.jpccs.2023.111560
1268	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
1269	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
1270	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
1271	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
1272	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

1273	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
1274	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.202300 51
1275	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
1276	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

1277	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
1278	Jenefar S., Kaviyarasan V., Narenkumar J., Almutairi B.O., Arunkumar P., Ramalingam S.	Response surface based optimization of laccase production from <i>Perenniporia</i> <i>subtrophora</i> and its application in decolorization of dyes	Biomass Conversion and Biorefinery					4	10.1007/s13399-023- 04517-x
1279	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</i> <i>sativum</i> seeds and fibres for bioremediation	Biomass Conversion and Biorefinery					4	10.1007/s13399-023- 04451-y
1280	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</i> <i>rotundus</i> biomass	Biomass Conversion and Biorefinery					4	10.1007/s13399-023- 04594-y
1281	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

1282	Indumathi T.R., Divya R., Kumar B.S., Selvakumar A.	Antimicrobial study on surface-coated Hibiscus sabdariffa L. fiber reinforcement	Biomass Conversion and Biorefinery					4	10.1007/s13399-023-04569-z
1283	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
1284	Ali A M M.T., Narayana S D.S., Lulu S S., Nag S., Sundararajan V.	Targeting NF- $\kappa$ 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
1285	Sandhiya V., Nalliah M.	Local total anti-magic chromatic number of graphs	Heliyon	9	7			4	10.1016/j.heliyon.2023.e17761
1286	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
1287	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

1288	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
1289	D L., S D.Y.	A structural approach to the graceful coloring of a subclass of trees	Heliyon	9	9			4	10.1016/j.heliyon.2023.e19563
1290	Mary P.A.T., Gayathri K.V., Kumar P.S., Rajagopal R., Kavitha R., Kumar. S U., Doss C.G.P., Rangasamy G.	Biosynthesis of bioactive pigment from halotolerant Bacillus cereus for fabric – an eco-friendly initiative	Biomass Conversion and Biorefinery					4	10.1007/s13399-023-04729-1
1291	Navya B., Babu S.	Comparative metataxonomic analyses of seeds and leaves of traditional varieties and hybrids of cucumber (Cucumis sativus L.) reveals distinct and core microbiome	Heliyon	9	9			4	10.1016/j.heliyon.2023.e20216
1292	Athira K., Sunil Kumar P.V., Manju M., Gopakumar G.	Detection of Stage-wise Biomarkers in Lung Adenocarcinoma Using Multiplex Analysis	Current Bioinformatics	18	6	472	483	4	10.2174/1574893618666230228112411
1293	Sravani A.N.K.V., Chandrasekaran N., Thomas J., Mukherjee A.	Formulation and characterization of cisplatin-loaded hydroxyl functionalized single-walled carbon nanotubes for targeting gastric cancer stem cells	Heliyon	9	8			4	10.1016/j.heliyon.2023.e18798

1294	Somasundaram M., NarendraKumar U., Annamalai A.R., Muthuchamy A.	High-temperature tribological performance of stir-cast and heat-treated EV31A magnesium alloy: Experiments and predictions	Heliyon	9	8			4	10.1016/j.heliyon.2023.e19055
1295	M H., R.D E.	Investigations on the thermoelectric and thermodynamic properties of quaternary coinage metal HgSBr	Heliyon	9	9			4	10.1016/j.heliyon.2023.e19438
1296	Akomah B.B., Ramani P.V.	Local government institutions in Ghana: Core partners in health and safety performance in the construction industry	Heliyon	9	9			4	10.1016/j.heliyon.2023.e19423
1297	Subramani G., Manian R.	Production of ferulic acid from dried bamboo shoots for the biotransformation into vanillin using a novel microbe <i>Enterobacter aerogenes</i>	Biomass Conversion and Biorefinery					4	10.1007/s13399-023-04891-6
1298	Thiyagarajulu N., Deepak P., Kamaraj C., Al-Ghanim K.A., Lakshminarayanan A., Nicoletti M., Arumugam S., Govindarajan M.	Synthesis and characterization of reduced graphene oxide nanosheets using <i>Saraca indica</i> leaves and their antioxidant, antibacterial, and anticancer applications	Biomass Conversion and Biorefinery					4	10.1007/s13399-023-04769-7
1299	Bhandari I., Kumar R., Sofi A., Nighot N.S.	A systematic study on sustainable low carbon cement – Superplasticizer interaction: Fresh, mechanical, microstructural and durability characteristics	Heliyon	9	9			4	10.1016/j.heliyon.2023.e19176



1300	Priya K.M., Alur S.	Analyzing consumer behaviour towards food and nutrition labeling: A comprehensive review	Heliyon	9	9			4	10.1016/j.heliyon.2023.e19401
1301	Prayer Riju R., Arulvel S.	Assessment on the wear failure of additively manufactured stainless steel 316L with different scan pattern in simulated body fluid condition	Engineering Failure Analysis	154				4	10.1016/j.engfailanal.2023.107676
1302	L U., G R.	On alpha labeling of tensor product of paths and cycles	Heliyon	9	11			4	10.1016/j.heliyon.2023.e21430
1303	Namachivayam A., Valsala Gopalakrishnan A.	Effect of Lauric acid against ethanol-induced hepatotoxicity by modulating oxidative stress/apoptosis signalling and HNF4 $\alpha$ in Wistar albino rats	Heliyon	9	11			4	10.1016/j.heliyon.2023.e21267
1304	Ma Y.-K., Pradeesh J., Shukla A., Vijayakumar V., Jothimani K.	An analysis on the approximate controllability of neutral impulsive stochastic integrodifferential inclusions via resolvent operators	Heliyon	9	10			4	10.1016/j.heliyon.2023.e20837
1305	Padma Sri Lekha P., Irshad C.V., Abdul Azeez E.P., Irudaya Rajan S.	Nutritional status of older adults in India: An exploration of the role of oral health and food insecurity factors	Heliyon	9	10			4	10.1016/j.heliyon.2023.e21028
1306	Salman M., Mohanty S.K., Nayak C., Kumar S.	The role of delay in vaccination rate on Covid-19	Heliyon	9	10			4	10.1016/j.heliyon.2023.e20688

1307	K H., B V.	Pythagorean fuzzy transportation problem: New way of ranking for Pythagorean fuzzy sets and mean square approach	Heliyon	9	10			4	10.1016/j.heliyon.2023.e20775
1308	K I.A., V R., N V., Rajasri P.	Solar forecasting for a PV-battery powered DC system	Heliyon	9	10			4	10.1016/j.heliyon.2023.e20667
1309	Niyaz Ahmed L., Thomas P.	Analytical expression for the model that describes the heterogeneous reaction-diffusion process with immobilized enzyme (penicillin G acylase)	Heliyon	9	11			4	10.1016/j.heliyon.2023.e21998
1310	Yuvaraj S., Roniboss A., Kumar A., Ubaidullah M., Isaac R.S.R., Revathi R., Sundararajan M., Ravi V., Kansal L., Pandit B., Sehgal S.S., Jha N.K.	Microwave Combustion Synthesis of La <sub>1-x</sub> Gd <sub>x</sub> FeO <sub>3</sub> (x = 0 to 0.25) Nanoparticles: Structural, Magnetic, Vibrational, Morphology and Optical Behavior	Journal of Inorganic and Organometallic Polymers and Materials					4	10.1007/s10904-023-02840-4
1311	Chakraborty C., Pal S., Bhattacharya M., Dash S., Lee S.-S.	Overview of Chatbots with special emphasis on artificial intelligence-enabled ChatGPT in medical science	Frontiers in Artificial Intelligence	6				4	10.3389/frai.2023.1237704
1312	Maiti M.; Priyaadharshini M.; S H.	Design and evaluation of a revised ARCS motivational model for online classes in higher education	Heliyon	9	12			4	10.1016/j.heliyon.2023.e22729
1313	A A.; Abdullah M A.; Roy R.; P V S.; Krishnan O K.; Joseph J.	Analysis of pipe sticking due to wellbore uncleanliness using machine learning	Heliyon	9	12			4	10.1016/j.heliyon.2023.e22366

1314	Srivathsan B.; G T.; Ram K.V.; R H.	Multiphase simulation of sustainable nanoenhanced ionic liquid coolants for improved thermal performance in Ti-6Al-4V alloy drilling	Heliyon	9	12			4	10.1016/j.heliyon.2023.e23020
1315	S S A.S.; B M.	Review on 3D printing techniques for cutting tools with cooling channels	Heliyon	9	12			4	10.1016/j.heliyon.2023.e22557
1316	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
1317	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
1318	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
1319	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

1320	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
1321	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
1322	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
1323	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
1324	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
1325	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

1326	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
1327	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
1328	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
1329	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
1330	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

1331	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
1332	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
1333	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
1334	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
1335	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

1336	Vijay A., Eithiraj R.D.	Exploring bonding nature, electronic, optical and thermoelectric properties of ternary compound Na <sub>2</sub> ZnCl <sub>4</sub> via first-principles calculations	Chinese Journal of Physics	84		189	197	3.957	10.1016/j.cjph.2022.11.003
1337	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
1338	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
1339	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
1340	Ragupathi H., Jarvin M., Inbanathan S.S.R., Nayak A.K., Choe Y.	Hydrothermal synthesis of an SnO <sub>2</sub> -rGO nanocomposite using tea extract as a reducing agent for daylight-driven photocatalyst and supercapacitors	New Journal of Chemistry					3.925	10.1039/d2nj05912f

1341	Bari S., Mridha D., Ghosh S., Ghosh P., Roychowdhury T., Roy P.	Imaging of Al <sup>3+</sup> 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
1342	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
1343	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
1344	Nallakumar S., Thirumalaisamy L., Madhanagurusamy S., Kalainathan S., Usha Rani M.	Inverse and distorted Co <sub>2</sub> SnO <sub>4</sub> cubic spinel thin films for dimethylamine detection at room temperature	New Journal of Chemistry	47	23	11110	11122	3.925	10.1039/d3nj01409f
1345	Murugan K., Subashini R., Sathiskumar U., Odukkathil G.	Calotropis procera flower extract for the synthesis of double edged octahedral $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> nanoparticles via a greener approach: an insight into its structure property relationship for Escherichia coli	New Journal of Chemistry					3.925	10.1039/d3nj01044a
1346	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



1347	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
1348	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
1349	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
1350	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
1351	Raghunathan N., Kandasamy S.	Challenges and Issues in Sentiment Analysis: A Comprehensive Survey	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3293041
1352	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

1353	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.202 3.3286936
1354	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.20 23.114099
1355	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/su1512963 8
1356	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.202 3.3296456
1357	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.202 3.3296803
1358	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.202 3.3294109

1359	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
1360	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
1361	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
1362	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
1363	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
1364	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

1365	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
1366	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
1367	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
1368	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
1369	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

1370	Chacko L., Joseph A., Tadi K.K., Kumar A., Narayanan T.N., Aneesh P.M.	MoS <sub>2</sub> -TiO <sub>2</sub> Nanocomposites for Enhanced Photo-electrocatalytic Hydrogen Evolution	Journal of the Electrochemical Society	170	7			3.9	10.1149/1945-7111/ace131
1371	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
1372	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
1373	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
1374	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
1375	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

1376	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
1377	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
1378	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
1379	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
1380	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
1381	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

1382	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
1383	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
1384	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
1385	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
1386	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

1387	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
1388	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
1389	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
1390	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
1391	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
1392	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



1393	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
1394	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
1395	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
1396	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
1397	Lavanya V., Pavithra D., Mohanapriya A., Santhakumar K., Senthil Kumar A.	A $\pi$ - $\pi$ Bonding-Assisted Molecular-Wiring of Folded- Cytochrome c and Naphthoquinone and Its Electron-Relay-Based Bioelectrocatalytic H <sub>2</sub> O <sub>2</sub> Reduction Reaction Visualized by Redox-Competitive Scanning Electrochemical Microscopy	Langmuir					3.9	10.1021/acs.langmui r.3c00941

1398	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 <sub>2</sub> , Fe <sub>3</sub> O <sub>4</sub> , 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
1399	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
1400	Devaraji V., Jayanthi S.	Computational formulation study of insulin on biodegradable polymers	RSC Advances	13	29	20282	20297	3.9	10.1039/d3ra02845c
1401	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
1402	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
1403	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

1404	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
1405	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
1406	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
1407	Tripathi D.N., Rajendran S.	A concise synthesis route to access bioactive natural products dihydrocurcumins/1,7-diarylheptanoids	RSC Advances	13	37	25871	25876	3.9	10.1039/d3ra05049a
1408	Vinayagamoorthy R., Rani M.U., Kalainathan S., Anand S.	A novel stilbazolium derivative crystals of 4-[2-(4-dimethyl amino-phenyl)-vinyl]-1-methyl-pyridinium+ bromide- (DMSB) single crystal: exploration of the growth, molecular structure, linear optical, and third order nonlinear properties	RSC Advances	13	36	24867	24877	3.9	10.1039/d3ra04322c

1409	Abinaya S., Kumar K.U., Alphonse A.S.	Cascading Autoencoder With Attention Residual U-Net for Multi-Class Plant Leaf Disease Segmentation and Classification	IEEE Access	11		98153	98170	3.9	10.1109/ACCESS.2023.3312718
1410	Saiteja P., Ashok B., Mason B., Krishna S.	Development of Efficient Energy Management Strategy to Mitigate Speed and Torque Ripples in SR Motor Through Adaptive Supervisory Self-Learning Technique for Electric Vehicles	IEEE Access	11		96460	96484	3.9	10.1109/ACCESS.2023.3311851
1411	Thangaraj B., Ponram M., Ranganathan S., Sambath B., Cingaram R., Iyer S.K., Natesan Sundaramurthy K.	Development of tissue paper-based chemosensor and demonstration for the selective detection of Cu <sup>2+</sup> and Hg <sup>2+</sup> ions	RSC Advances	13	37	26023	26030	3.9	10.1039/d3ra03764a
1412	Abirami L., Karthikeyan J.	Digital Twin-Based Healthcare System (DTHS) for Earlier Parkinson Disease Identification and Diagnosis Using Optimized Fuzzy Based k-Nearest Neighbor Classifier Model	IEEE Access	11		96661	96672	3.9	10.1109/ACCESS.2023.3312278
1413	Srinivas S., Senthil Kumar S.M., Senthil Kumar A.	Edge and Basal Plane Anisotropy of a Preanodized Pencil Graphite Electrode Surface Revealed Using Scanning Electrochemical Microscopy and Electrocatalytic Dopamine Oxidation as a Molecular Probe	Langmuir					3.9	10.1021/acs.langmuir.3c01112

1414	Devi M.R.V., Kalaivani S.	Endmember Estimation Using Fuzzy Grade of Membership and Spectral Matching	IEEE Access	11		95315	95333	3.9	10.1109/ACCESS.2023.3310649
1415	Kumar S.M., Munusamy S., Jothi D., Enbanathan S., Haribabu J., Kulathu Iyer S.	Imidazole-based dual functional chemosensor for the recognition of Cu <sup>2+</sup> and CN <sup>-</sup> : Applications in real water samples and colorimetric test strips	Optical Materials	144				3.9	10.1016/j.optmat.2023.114382
1416	Subramaniam E.V.D., Srinivasan K., Qaisar S.M., Pławiak P.	Interoperable IoMT Approach for Remote Diagnosis with Privacy-Preservation Perspective in Edge Systems	Sensors	23	17			3.9	10.3390/s23177474
1417	Prajapati P., Balamurugan S.	Leveraging GaN for DC-DC Power Modules for Efficient EVs: A Review	IEEE Access	11		95874	95888	3.9	10.1109/ACCESS.2023.3311266
1418	Reddy K.R., Muralidhar A.	Machine Learning-Based Road Safety Prediction Strategies for Internet of Vehicles (IoV) Enabled Vehicles: A Systematic Literature Review	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3315852
1419	Bibin B.S., Gundabattini E.	Pressure Drop and Heat Transfer Characteristics of TiO <sub>2</sub> /R1234yf Nanorefrigerant: A Numerical Approach	Sustainability (Switzerland)	15	16			3.9	10.3390/su151612605
1420	Agarwal J., Shridevi S.	Procedural Content Generation Using Reinforcement Learning for Disaster Evacuation Training in a Virtual 3D Environment	IEEE Access	11		98607	98617	3.9	10.1109/ACCESS.2023.3313725

1421	Aditya M.N., Chellapandi T., Manjupriya R., Prasad G.K., Roopan S.M., Vijayaganapathi A., Vaithilingam M., Chitra D.	Rational design of g-C <sub>3</sub> N <sub>5</sub> /Gd <sub>2</sub> O <sub>3</sub> /MoS <sub>2</sub> ternary nanocomposite for visible light mediated environmental remediation	Chemical Engineering Research and Design	198		138	150	3.9	10.1016/j.cherd.2023.08.030
1422	Gautam S.P., Jalhotra M., Iqbal A., Sahu L.K., Kumar M.R., Malik M., Sadaf S.	Techniques to Reduce Capacitor Voltage Ripples in Multilevel Inverters	IEEE Access	11		97826	97839	3.9	10.1109/ACCESS.2023.3312188
1423	Narayanan V., Mandal B.K.	Type-II ternary Bi <sub>2</sub> WO <sub>6</sub> /rGO/SnFe <sub>2</sub> O <sub>4</sub> heterojunction nanocomposites and their photocatalytic efficiency towards 4-nitrophenol reduction	RSC Advances	13	32	22616	22629	3.9	10.1039/d3ra03647b
1424	Samrot A.V., Rajalakshmi D., Sathiyasree M., Saigeetha S., Kasipandian K., Valli N., Jayshree N., Prakash P., Shobana N.	A Review on Biohydrogen Sources, Production Routes, and Its Application as a Fuel Cell	Sustainability (Switzerland)	15	16			3.9	10.3390/su151612641
1425	Roy N., Das R., Paira R., Paira P.	Different routes for the construction of biologically active diversely functionalized bicyclo[3.3.1]nonanes: an exploration of new perspectives for anticancer chemotherapeutics	RSC Advances	13	32	22389	22480	3.9	10.1039/d3ra02003g

1426	Rex M C., Debroy A., Nirmala M.J., Mukherjee A.	Ecotoxicological significance of bio-corona formation on micro/nanoplastics in aquatic organisms	RSC Advances	13	33	22905	22917	3.9	10.1039/d3ra04054b
1427	Mukherjee A.G., Renu K., Gopalakrishnan A.V., Veeraraghavan V.P., Vinayagam S., Paz-Montelongo S., Dey A., Vellingiri B., George A., Madhyastha H., Ganesan R.	Heavy Metal and Metalloid Contamination in Food and Emerging Technologies for Its Detection	Sustainability (Switzerland)	15	2			3.9	10.3390/su15021195
1428	Samrot A.V., Wilson S., Sanjay Preeth R.S., Prakash P., Sathiyasree M., Saigeetha S., Shobana N., Pachiyappan S., Rajesh V.V.	Sources of Antibiotic Contamination in Wastewater and Approaches to Their Removal—An Overview	Sustainability (Switzerland)	15	16			3.9	10.3390/su151612639
1429	Das R., Karthika S., Bhasarkar J., Bal D.K.	GA-coupled ANN model for predicting porosity in alginate gel scaffolds	Journal of the Mechanical Behavior of Biomedical Materials	148				3.9	10.1016/j.jmbbm.2023.106204
1430	Roys K.E., S L M.	Identification of novel indole-based dyes as active photosensitizers: Synthesis, photophysical, electrochemical and computational investigation	Optical Materials	145				3.9	10.1016/j.optmat.2023.114391

1431	S Y., S R., Kumar A., G A., Al-Enizi A.M., Pandit B., R R., M S., Prakash C., Isaac R.S.R., Payal H., Tarannum N., Ubaidullah M.	Impact of Cd <sup>2+</sup> substituted ZnAl <sub>2</sub> O <sub>4</sub> spinel nanoparticles on structural, optical, morphological, magnetic and nonlinear optical behaviour	Optical Materials	145				3.9	10.1016/j.optmat.2023.114423
1432	Kumar P., Bhowmick A., Choukiker Y.K.	Performance of Multi-RIS-Assisted D2D Communication Using NOMA	IEEE Access	11		109603	109616	3.9	10.1109/ACCESS.2023.3321642
1433	Rajeswara Rao M., Sundar S.	An Efficient Method for Optimal Allocation of Resources in LPWAN using Hybrid Coati-Energy Valley Optimization Algorithm Based on Reinforcement Learning	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3325724
1434	Jasmine Gabriel J., Jani Anbarasi L.	Optimizing Coronary Artery Disease Diagnosis: A Heuristic Approach using Robust Data Preprocessing and Automated Hyperparameter Tuning of eXtreme Gradient Boosting	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3324037
1435	Srinivasa Varma P., Prasad Rao K.P., Ravikumar C., Pau G., Sathish K., Nelapati R.P.	Development and Performance Analysis of Five Phase Induction Motor	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3322945
1436	Haritha T., Anitha A.	Multi-level Security in Healthcare by integrating Lattice-Based Access Control and Blockchain-based Smart Contracts System	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3324740



1437	Ujjwal, Kumar R., Bhat R.	Generation of Broadband Optical Frequency Comb by Interfering Dual Lasers in Electro-Optic Modulators	IEEE Access	11		113064	113076	3.9	10.1109/ACCESS.2023.3324304
1438	Sasikumar A., Ravi L., Devarajan M., Vairavasundaram S., Selvalakshmi A., Kotecha K., Abraham A.	A Decentralized Resource Allocation in Edge Computing for Secure IoT Environments	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3325056
1439	Fathima Begum M., Narayan S.	Comprehensive performance assessment of Multi-neural ensemble model for mortality prediction in ICU	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3324459
1440	Prabhu N., Thirumalaivasan R., Ashok B.	Critical Review on torque Ripple Sources and Mitigation Control strategies of BLDC Motors in Electric Vehicle applications	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3324419
1441	Muthukrishnan P., Sathasivam S.	Optimal test clock frequency based test option generation for small delay defects	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3321323
1442	Bharanidharan N., Sannasi Chakravarthy S.R., Rajaguru H., Vinoth Kumar V., Mahesh T.R., Guluwadi S.	Multiclass Paddy Disease Detection Using Filter-Based Feature Transformation Technique	IEEE Access	11		109477	109487	3.9	10.1109/ACCESS.2023.3322587
1443	Dixit C., Satapathy S.M.	A customizable framework for multimodal emotion recognition using ensemble of deep neural network models	Multimedia Systems					3.9	10.1007/s00530-023-01188-6

1444	Anilkumar P., Venugopal P., Maddikunta P.K.R., Gadekallu T.R., Al-Rasheed A., Abbas M., Soufiene B.O.	An Adaptive DeepLabv3+ for Semantic Segmentation of Aerial Images Using Improved Golden Eagle Optimization Algorithm	IEEE Access	11		106688	106705	3.9	10.1109/ACCESS.2023.3318867
1445	Ramalingam M., Selvi G.C., Victor N., Chengoden R., Bhattacharya S., Maddikunta P.K.R., Lee D., Piran M.J., Khare N., Yenduri G., Gadekallu T.R.	A Comprehensive Analysis of Blockchain Applications for Securing Computer Vision Systems	IEEE Access	11		107309	107330	3.9	10.1109/ACCESS.2023.3319089
1446	Anthony V., Babu S.K.K.	Multi Perceptron Neural Network and Voting Classifier for Liver Disease Dataset	IEEE Access	11		102149	102156	3.9	10.1109/ACCESS.2023.3316515
1447	Maheedhar M., Deepa T.	Design and Performance Analysis of a Nonlinear Magnetic Levitation System Using PID Controller Optimized With COOT Algorithm	IEEE Access	11		104606	104621	3.9	10.1109/ACCESS.2023.3318482
1448	Sharma N.K., Bojjagani S., Reddy Y.C.A.P., Vivekanandan M., Srinivasan J., Maurya A.K.	A Novel Energy Efficient Multi-Dimensional Virtual Machines Allocation and Migration at the Cloud Data Center	IEEE Access	11		107480	107495	3.9	10.1109/ACCESS.2023.3320729
1449	Radha K., Karuna Y.	Modified Depthwise Parallel Attention UNet for Retinal Vessel Segmentation	IEEE Access	11		102572	102588	3.9	10.1109/ACCESS.2023.3317176

1450	Gade C.R., Wahab R.S.	Conceptual Framework for Modelling of an Electric Tractor and Its Performance Analysis Using a Permanent Magnet Synchronous Motor	Sustainability (Switzerland)	15	19			3.9	10.3390/su151914391
1451	Kar T., Kaygusuz Ö., Güney M.Ş., Cuce E., Keleş S., Shaik S., Owolabi A.B., Nsafon B.E.K., Ogunsua J.M., Huh J.-S.	Fast Pyrolysis of Tea Bush, Walnut Shell, and Pine Cone Mixture: Effect of Pyrolysis Parameters on Pyrolysis Crop Yields	Sustainability (Switzerland)	15	18			3.9	10.3390/su151813718
1452	Jose J., Parthasarathy R.K., Arumugam S.K.	Energy and Exergy Analysis of a Combined Cooling Heating and Power System with Regeneration	Sustainability (Switzerland)	15	18			3.9	10.3390/su151813523
1453	Dawn R., Tjiu W.W., Aabdin Z., Faizal F., Panatarani C., Joni I.M., Akhtar W., Kumar K., Rahaman A., Chandra G., Kandasami A., Amemiya K., Singh V.R.	Origin of Enhancement of Orbital Magnetic Moment in SiO <sub>2</sub> -Coated Fe <sub>3</sub> O <sub>4</sub> Nanocomposites Studied by X-ray Magnetic Circular Dichroism	Langmuir					3.9	10.1021/acs.langmuir.3c01222
1454	Devi S.B., Navamathavan R.	One-Pot Hydrothermal Synthesis of Ti <sub>3</sub> C <sub>2</sub> (MXene)-CoS <sub>2</sub> Nanocomposite as a Bifunctional Electrocatalyst (HER/OER) for a Clean Environment	Journal of the Electrochemical Society	170	9			3.9	10.1149/1945-7111/acf528
1455	Valliammal N., Jothimani K., Johnson M., Panda S.K., Vijayakumar V.	Approximate controllability analysis of impulsive neutral functional hemivariational inequalities	Communications in Nonlinear Science and Numerical Simulation	127				3.9	10.1016/j.cnsns.2023.107560

1456	Abu N., Chinnathambi S., Kumar M., Etezadi F., Bakhori N.M., Zubir Z.A., Md Salleh S.N., Shueb R.H., Karthikeyan S., Thangavel V., Abdullah J., Pandian G.N.	Development of biomass waste-based carbon quantum dots and their potential application as non-toxic bioimaging agents	RSC Advances	13	40	28230	28249	3.9	10.1039/d3ra05840a
1457	Anuardo R.G., Espuny M., Costa A.C.F., Espuny A.L.G., Kazaçoğlu Y., Kandsamy J., de Oliveira O.J.	Transforming E-Waste into Opportunities: Driving Organizational Actions to Achieve Sustainable Development Goals	Sustainability (Switzerland)	15	19			3.9	10.3390/su151914150
1458	Gupta J., Jain S., Chakraborty S., Panchenko V., Smirnov A., Yudaev I.	Advancing Sustainable Energy Transition: Blockchain and Peer-to-Peer Energy Trading in India's Green Revolution	Sustainability (Switzerland)	15	18			3.9	10.3390/su151813633
1459	Abimannan S., El-Alfy E.-S.M., Hussain S., Chang Y.-S., Shukla S., Satheesh D., Breslin J.G.	Towards Federated Learning and Multi-Access Edge Computing for Air Quality Monitoring: Literature Review and Assessment	Sustainability (Switzerland)	15	18			3.9	10.3390/su151813951
1460	Nyamathulla S., Chittathuru D.	A Review of Multilevel Inverter Topologies for Grid-Connected Sustainable Solar Photovoltaic Systems	Sustainability (Switzerland)	15	18			3.9	10.3390/su151813376
1461	Abimannan S., El-Alfy E.-S.M., Chang Y.-S., Hussain S., Shukla S., Satheesh D.	Ensemble Multifeatured Deep Learning Models and Applications: A Survey	IEEE Access	11		107194	107217	3.9	10.1109/ACCESS.2023.3320042

1462	Arjun Kumar B., Elangovan T., Karthigaimuthu D., Aravinth D., Ramalingam G., Ran F., Sangaraju S.	CdSe Quantum Dots Bedecked on ZnO/TiO <sub>2</sub> /CuO Ternary Nanocomposite for Enhanced Photocatalytic and Photovoltaic Applications	Langmuir : the ACS journal of surfaces and colloids	39	45	15864	15877	3.9	10.1021/acs.langmuir. 3c01428
1463	Patel R., Adhikari M.S., Tripathi S.K., Sahu S.	Design, Optimization and Performance Assessment of Single Port Film Bulk Acoustic Resonator through Finite Element Simulation	Sensors (Basel, Switzerland)	23	21			3.9	10.3390/s23218920
1464	Kumar K.R., Shaik A.H.	Synthesis, thermophysical characterization and thermal performance analysis of novel Cu MXene hybrid nanofluids for efficient coolant applications	RSC Advances	13	42	29536	29560	3.9	10.1039/d3ra05429b
1465	Aravindhan R., Hu J., Momeen M.U.	Role of the solvent polarity on the optical and electronic characteristics of 1- iodoadamantane	RSC Advances	13	42	29489	29495	3.9	10.1039/d3ra05297d
1466	Huang M.-C., Sarigamala K.K., Chen H.-Y.	Simulation Guided Design of a Hybrid Battery-Type Supercapacitor: A Case Study on MnO <sub>2</sub> @RVC//AC	Journal of the Electrochemical Society	170	10			3.9	10.1149/1945- 7111/acfff9
1467	Mari B., Jeyaraj R.S.	Radio Labeling of Supersub - Division of Path Graphs	IEEE Access	11		123096	123103	3.9	10.1109/ACCESS.2023. 3328239
1468	Sharma S.K., Sharma V.S., Basheer S., Chaurasia A., Chowdhary C.L.	An Astute Automaton Model for Objects Extraction Using Outer Totality Cellular Automata (OTCA)	IEEE Access	11		123876	123890	3.9	10.1109/ACCESS.2023. 3329473

1469	Dhariwal N., Hariprasad R., Mohana Sundari L.	An Artificial Intelligence Based Approach Towards Predicting Mortality In Head And Neck Cancer Patients With Relation To Smoking And Clinical Data	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3331720
1470	Sivaraaj N.R., Abdul Majeed K.K.	A Comparative Study of Ring VCO and LC-VCO: Design, Performance Analysis and Future Trends	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3331308
1471	Sharma S.K., Chaurasia A., Sharma V.S., Chowdhary C.L., Basheer S.	GEMM, a Genetic Engineering-based Mutual Model for Resource Allocation of Grid Computing	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3333278
1472	Dhariwal N., Akunuri S.C., Shivama, Sharmila Banu K.	Audio and Text Sentiment Analysis of Radio Broadcasts	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3331226
1473	Gunasekar A., Kumar L.B., Krishnan P., Natarajan R., Jayakody D.N.K.	All-Optical UAV-Based Triple-Hop FSO-FSO-VLC Cooperative System for High-Speed Broadband Internet Access in High-Speed Trains	IEEE Access	11		124228	124239	3.9	10.1109/ACCESS.2023.3330236
1474	Shaik A.S., Karsh R.K., Islam M., Bhakta S.	Content Authentication and Tampered localization using Ring Partition and CSLBP-based image hashing	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3330969
1475	Illakiya T., Karthik R.	A Dimension Centric Proximate Attention Network and Swin Transformer for Age-based Classification of Mild Cognitive Impairment from Brain MRI	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3332122

1476	Bhakuni P., Das A.	An Innovative Algorithm-Driven Optimization Framework for Landfill Mining: Aiming Sustainable Profitability Expediently	IEEE Access	11		122792	122820	3.9	10.1109/ACCESS.2023.3329583
1477	Govindankutty S., Padinjappurathu Gopalan S.	Modeling Rumor Spread and Influencer Impact on Social Networks	IEEE Access	11		121617	121628	3.9	10.1109/ACCESS.2023.3327863
1478	Antony J., Suchetha M.	Surrounding Vehicle Motion Prediction in Non-Lane-Based Environments for ADAS Enhancement	IEEE Access	11		120805	120815	3.9	10.1109/ACCESS.2023.3327433
1479	Renugadevi M., Narasimhan K., Ravikumar C.V., Anbazhagan R., Pau G., Ramkumar K., Abbas M., Raju N., Sathish K., Sevugan P.	Machine Learning Empowered Brain Tumor Segmentation and Grading Model for Lifetime Prediction	IEEE Access	11		120868	120880	3.9	10.1109/ACCESS.2023.3326841
1480	Sivaprakash S., Anbazhagu U.V., Perumal I., Vinoth Kumar V., Mahesh T.R., Guluwadi S.	Analysis and Attack Detection in GSM Mobile Network With an Intelligent Jammer Using ANFIS Classifier	IEEE Access	11		118962	118972	3.9	10.1109/ACCESS.2023.3327516
1481	Anandan D., Kumar A., Jaiswal A.K.	Comparative study of hydroxyapatite synthesized using Schiff base and wet chemical precipitation methods	Journal of the Mechanical Behavior of Biomedical Materials	148				3.9	10.1016/j.jmbbm.2023.106200
1482	Rajendran D., Chandrasekaran N.	Journey of micronanoplastics with blood components	RSC Advances	13	45	31435	31459	3.9	10.1039/d3ra05620a

1483	John R.A.B., Vijayan K., Septiani N.L.W., Hardiansyah A., Kumar A.R., Yulianto B., Hermawan A.	Gas-Sensing Mechanisms and Performances of MXenes and MXene-Based Heterostructures	Sensors (Basel, Switzerland)	23	21			3.9	10.3390/s23218674
1484	Suresh Kumar P.; Ashok B.; Kotb H.; Aboras K.M.; Hussien S.	Modeling and Lyapunov-based Nonlinear Control Strategies of Novel 2-D Inverted Magnetic Needle System: A Comparative Study	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3340414
1485	Gnanasekaran S.; Jakkamputi L.P.; Rakkiyannan J.; Thangamuthu M.; Bhalerao Y.	A Comprehensive Approach for Detecting Brake Pad Defects Using Histogram and Wavelet Features with Nested Dichotomy Family Classifiers	Sensors	23	22			3.9	10.3390/s23229093
1486	Chaki J.; Wozniak M.	Brain Tumor Categorization and Retrieval Using Deep Brain Incep Res Architecture Based Reinforcement Learning Network	IEEE Access	11		130584	130600	3.9	10.1109/ACCESS.2023.3334434
1487	Atha Z.; Chaki J.	SSBTCNet: Semi-Supervised Brain Tumor Classification Network	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3343126
1488	Krithiga R.; Varsini S.; Gabriel Joshua R.; Om Kumar C.U.	Ancient Character Recognition: A Comprehensive Review	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3341352
1489	Raj G.D.; Prabadevi B.	Steel Strip Quality Assurance With YOLOV7-CSF: A Coordinate Attention and SloU Fusion Approach	IEEE Access	11		129493	129506	3.9	10.1109/ACCESS.2023.3333894



1490	Manickam S.; Yarlagadda L.; Gopalan S.P.; Chowdhary C.L.	Unlocking the Potential of Digital Twins: A Comprehensive Review of Concepts, Frameworks, and Industrial Applications	IEEE Access	11		135147	135158	3.9	10.1109/ACCESS.2023. 3338530
1491	Sannasi Chakravarthy S.R.; Bharanidharan N.; Venkatesan V.K.; Abbas M.; Rajaguru H.; Mahesh T.R.; Venkatesan K.	Prediction of Water Quality using SoftMax-ELM optimized using Adaptive Crow-Search Algorithm	IEEE Access			1	1	3.9	10.1109/ACCESS.2023. 3339564
1492	Anil V.; Arun S.L.	Credit Rating-Based Transactive Energy System With Uncertainties in Energy Behavior	IEEE Access	11		132101	132118	3.9	10.1109/ACCESS.2023. 3336400
1493	Aijaz M.; Hussain I.; Lone S.A.; Chankaya M.	GRLF-LAD Control Based Active Power Filter Operation with QSG- SOGI Algorithm for Grid Voltage Harmonics Disturbance Rejection	IEEE Access	11		135753	135763	3.9	10.1109/ACCESS.2023. 3337551
1494	Venkatapathy S.; Srinivasan T.; Jo H.-G.; Ra I.-H.	An E2E Network Slicing Framework for Slice Creation and Deployment Using Machine Learning	Sensors	23	23			3.9	10.3390/s23239608
1495	Ojha S.K.; Obaiah M.C.	Delay Dependent Stability Analysis of Load Frequency Control via Asymmetric Lyapunov-Krasovskii Functional	IEEE Access			1	1	3.9	10.1109/ACCESS.2023. 3341435
1496	Mathesh G.; Saravanakumar R.	A Novel Intelligent Controller- Based Power Management System With Instantaneous Reference Current in Hybrid Energy-Fed Electric Vehicle	IEEE Access	11		137849	137865	3.9	10.1109/ACCESS.2023. 3339249

1497	Sandeep S.D.; Mohanty S.	Artificial Rabbits Optimized Neural Network-based Energy Management System for PV, Battery and Supercapacitor based Isolated DC Microgrid System	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3340856
1498	Manasa B.M.R.; Pakala V.; Chinthajjala R.; Ayadi M.; Hamdi M.; Ksibi A.	A Novel Channel Estimation Framework in MIMO Using Serial Cascaded Multiscale Autoencoder and Attention LSTM with Hybrid Heuristic Algorithm	Sensors	23	22			3.9	10.3390/s23229154
1499	Pulluri K.K.; Kumar V.N.; Bagadi K.; Annepu V.; Benedetto F.	Development of Wireless Smart Sleeve Using Pressure Sensitive Resistor	IEEE Access	11		135166	135174	3.9	10.1109/ACCESS.2023.3338373
1500	Preetha R.; Priyadarsini M.J.P.; Nisha J.S.	Comparative Study on Architecture of Deep Neural Networks for Segmentation of Brain Tumor using Magnetic Resonance Images	IEEE Access	11		138549	138567	3.9	10.1109/ACCESS.2023.3340443
1501	Kumar C V.; Selvaprabhu P.	An Examination of Distributed and Decentralized Systems for Trustworthy Control of Supply Chains	IEEE Access	11		137025	137052	3.9	10.1109/ACCESS.2023.3338739
1502	Upender P.; Bharathi S.P.; Sukriti; Kumba K.; Kumar A.	A Compact Metamaterial Biosensor for Multi-Virus Detection With Tunability and High Incidence Angle Absorption	IEEE Access	11		131915	131925	3.9	10.1109/ACCESS.2023.3336815

1503	Pravin S.C.; Rohith G.; Kiruthika V.; Manikandan E.; Methelesh S.; Manoj A.	Underwater Animal Identification and Classification Using a Hybrid Classical- Quantum algorithm	IEEE Access			1	1	3.9	10.1109/ACCESS.2023. 3343120
1504	Sharon Giftsy A.; Kommuri U.K.; Dwivedi R.P.	Flexible and Wearable antenna for Biomedical Application: Progress and Opportunity	IEEE Access			1	1	3.9	10.1109/ACCESS.2023. 3343154
1505	Samad S.A.; Gitanjali J.	SCMA: Exploring Dual-Module Attention With Multi-Scale Kernels for Effective Feature Extraction	IEEE Access	11		132088	132100	3.9	10.1109/ACCESS.2023. 3329581
1506	Gurusamy A.; Ashok B.; Mason B.	Prediction of Electric Vehicle Driving Range and Performance Characteristics: A Review on Analytical Modeling Strategies With Its Influential Factors and Improvisation Techniques	IEEE Access	11		131521	131548	3.9	10.1109/ACCESS.2023. 3334620
1507	Gautam S.P.; Jalhotra M.; Sahu L.K.; Chander A.H.; Bhajana V.V.S.K.	A Highly Resilient Fault Tolerant Topology of Single Phase Multilevel Inverter	IEEE Access	11		136934	136946	3.9	10.1109/ACCESS.2023. 3337386
1508	Dinesh S.; Sahu U.K.; Sahu D.; Dash S.K.; Yadav U.K.	Review on Sensors and Components Used in Robotic Surgery: Recent Advances and New Challenges	IEEE Access			1	1	3.9	10.1109/ACCESS.2023. 3339555
1509	Somasundaram D.; Chapparadahallimath A.; Krishanan M.; Madian N.	A Novel Automated Chromosome Analyzer Software Bundle for Karyotyping and Birth Defect Analysis	IEEE Access	11		145516	145526	3.9	10.1109/ACCESS.2023. 3344664

1510	Abdullah J.M.; Sumathi V.	An Overview and Minimum Fault Ramp Rate Analysis of Impedance Based Circuit Breaker Topologies	IEEE Access	11		145042	145055	3.9	10.1109/ACCESS.2023.3345468
1511	Kancharla K.; Tadi K.K.	MoS2Quantum Dots-based Low-cost and Disposable Electrochemical Sensor for the Detection of Lead (II) Ions	Journal of the Electrochemical Society	170	12			3.9	10.1149/1945-7111/ad129e
1512	Prasad K.H.V.; Periyasamy S.	Secure-Energy Efficient Bio-Inspired Clustering and Deep Learning-Based Routing Using Blockchain for Edge Assisted WSN Environment	IEEE Access	11		145421	145440	3.9	10.1109/ACCESS.2023.3345218
1513	Kumar S.; Chinthaginjala R.; Anbazhagan R.; Nyangaresi V.O.; Pau G.; Varma P.S.	Submarine Acoustic Target Strength Modelling at High-Frequency Asymptotic Scattering	IEEE Access			1	1	3.9	10.1109/ACCESS.2023.3349031
1514	Sen A.; Rajakumaran G.; Mahdal M.; Usharani S.; Rajasekharan V.; Vincent R.; Sugavanan K.	Live Event Detection for People's Safety Using NLP and Deep Learning	IEEE Access	12		6455	6472	3.9	10.1109/ACCESS.2023.3349097
1515	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

1516	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
1517	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/d3ob00300k
1518	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/d3ob00297g
1519	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/d3ob00386h
1520	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
1521	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/d3ob00057e

1522	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
1523	Parthiban J., Jambulingam R.	Enhancing the Biodiesel Production Potential of Synechococcus elongatus and Anabaena Cyanobacterial Strain Isolated from Saline Water Using Different Media Composition and Organic Carbon Sources	Sustainability (Switzerland)	15	1			3.889	10.3390/su1501087 0
1524	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/su1501083 7
1525	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/su1503255 2
1526	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/su1502139 9

1527	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
1528	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
1529	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
1530	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
1531	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
1532	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

1533	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
1534	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
1535	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
1536	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
1537	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



1538	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
1539	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/su15076088
1540	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/su15065453
1541	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/su15065339
1542	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/su15021232

1543	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
1544	Prasad K.V., Vasugi V.	Readiness Factors for Sustainable Lean Transformation of Construction Organizations	Sustainability (Switzerland)	15	8			3.889	10.3390/su1508643 3
1545	Anjaneyulu M., Kubendiran M.	Short-Term Traffic Congestion Prediction Using Hybrid Deep Learning Technique	Sustainability (Switzerland)	15	1			3.889	10.3390/su1501007 4
1546	Ponnambalam S.G., Sankaranarayanan B., Karuppiah 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
1547	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
1548	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

1549	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
1550	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
1551	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
1552	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
1553	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
1554	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
1555	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

1556	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
1557	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
1558	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
1559	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
1560	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
1561	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
1562	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

1563	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
1564	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
1565	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
1566	Dhanasekaran P., Marimuthu R.	Efficiency enhancement of natural cocktail dyes in a TiO <sub>2</sub> -based dye-sensitized solar cell and performance of electron kinetics on the TiO <sub>2</sub> surface	Frontiers in Energy Research	10				3.858	10.3389/fenrg.2022.998038
1567	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

1568	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
1569	Ramkumar A., Marimuthu R.	The reclassification of energy sources for electrical energy	Frontiers in Energy Research	11				3.858	10.3389/fenrg.2023.1150074
1570	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
1571	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
1572	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
1573	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

1574	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
1575	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
1576	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
1577	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
1578	Evelyn Ezhilarasi I., Clement J.C.	GRU-SVM Based Threat Detection in Cognitive Radio Network	Sensors	23	3			3.847	10.3390/s23031326

1579	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
1580	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
1581	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
1582	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
1583	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
1584	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



1585	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
1586	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
1587	Matheen M.A., Sundar S.	A Novel Technique to Mitigate the Data Redundancy and to Improvise Network Lifetime Using Fuzzy Criminal Search Ebola Optimization for WMSN	Sensors	23	4			3.847	10.3390/s23042218
1588	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
1589	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

1590	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
1591	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
1592	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
1593	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
1594	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
1595	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

1596	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
1597	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
1598	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
1599	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
1600	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

1601	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
1602	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
1603	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
1604	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

1605	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
1606	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
1607	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
1608	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

1609	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
1610	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 <sub>3</sub> O <sub>4</sub> ) thin film by a Plasma Enhanced Metallo-Organic Chemical Vapour Deposition	Journal of Molecular Structure	1272				3.841	10.1016/j.molstruc.2022.134189
1611	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
1612	Raja P., Ghatak T.	Co(II) and 2-amino-perimidinium based new generation hybrid material promoted facile dimerization of aroyl chloride: A route to $\alpha$ -diketone	Journal of Molecular Structure	1271				3.841	10.1016/j.molstruc.2022.134004

1613	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
1614	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
1615	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
1616	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

1617	Nishanth S., Nivithaa S., Sridhar C., Nagaraja K.S., Karnan C.	Structural, spectral and photoluminescence analyses of Fe <sup>3+</sup> doped methyl hydroxy(diphenyl)ethanoate (MHE) crystal	Journal of Molecular Structure	1285				3.841	10.1016/j.molstruc.2023.135501
1618	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 <sub>3</sub> O <sub>4</sub> @PPCA NPs: Experimental, theoretical and in vitro biological studies	Journal of Molecular Structure	1284				3.841	10.1016/j.molstruc.2023.135363
1619	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 A2a)	Journal of Molecular Structure	1284				3.841	10.1016/j.molstruc.2023.135372
1620	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



1621	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
1622	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
1623	Srinivasan M.P., Uthiram C., Ayeshamariam A., Kaviyarasu K., Punithavelan N.	Dielectric performance of CeO <sub>2</sub> /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
1624	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
1625	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
1626	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

1627	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
1628	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
1629	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
1630	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 <sup>2</sup> active area	Diamond and Related Materials	136				3.806	10.1016/j.diamond.2023.109917
1631	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

1632	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
1633	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
1634	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
1635	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
1636	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
1637	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

1638	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
1639	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
1640	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
1641	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
1642	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

1643	Cao J., Bhuvaneshwari 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
1644	Singh A.C., Bhuvaneshwari 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
1645	Subiksha V.S., Palanisami N.	Aggregation induced emission-active dimethoxy phenyl conjugated cyanoacetates with significant second order-nonlinear optical properties: Experimental and theoretical calculations	Journal of Molecular Structure	1294				3.8	10.1016/j.molstruc.2023.136425
1646	Chaki J.	An automatic system for extracting figure-caption pair from medical documents: a six-fold approach	PeerJ Computer Science	9				3.8	10.7717/PEERJ-CS.1452
1647	Ilakiyalakshmi M., Mohana Roopan S., Arumugam Napoleon A.	Furan-formulated benzothiazole based Schiff bases for highly selective visual and fluorometric detection of Cu <sup>2+</sup> ion with density functional theory studies and its application for real-life samples	Inorganic Chemistry Communications	157				3.8	10.1016/j.inoche.2023.111412
1648	P.K. D.K., Solomon D.G.	Investigations on microstructure and mechanical properties on LM30-B4C nanocomposites fabricated through ultrasonic-squeeze assisted stir-casting	Materials Today Communications	37				3.8	10.1016/j.mtcomm.2023.106978

1649	Singh G., Thomas J., Wadhawa S., Kashyap A., Rahaman S.A., Borkotoky S., Datta A., Singh G.K., Mishra I., Rai G., Satija J., Dubey V.K., Modi G.	Repurposing the in-house generated Alzheimer's disease targeting molecules through computational and preliminary in-vitro studies for the management of SARS-coronavirus-2	Molecular Diversity					3.8	10.1007/s11030-023-10717-4
1650	Karuppusamy P., Vijayakumar V., Sarveswari S.	Salicylaldehyde appended tris buffer: A fluorescent Schiff's base receptor for 'turn-on' recognition of Zn <sup>2+</sup> in semi-aqueous medium	Inorganic Chemistry Communications	156				3.8	10.1016/j.inoche.2023.111080
1651	Jafar Ali Ibrahim S., Chandrasekar B., Rajasekar S., Kalyan Chakravarthi N.S., Karunakaran M., Braim M., Alodhayb A.N.	Spin-resonant tunneling in ferromagnetic conductor/ semiconductor heterostructure for spin-filter application	Journal of King Saud University - Science	35	8			3.8	10.1016/j.jksus.2023.102873
1652	Mohamed S.K., Karthikeyan S., Bakhite E.A., Lai C.-H., Abulhassan S., Marea I.S., Al-Salahi R., Al-Waleedy S.A.H., Mague J.T., El Bakri Y.	Synthesis, crystal structure characterization and computational investigation of new thieno[2,3-b]pyridine derivatives as potent against molecule p38 alpha MAP kinase	Journal of Molecular Structure	1294				3.8	10.1016/j.molstruc.2023.136475
1653	Maadhu T., Jauhar R.O.M., Raja A., Vedyappan S., Gandhiraj V., Pandian M.S., Periyasamy P.	Synthesis, experimental and theoretical studies of morpholinium bromide single crystal for NLO application	Journal of Molecular Structure	1294				3.8	10.1016/j.molstruc.2023.136522

1654	Vedhapriya K., Balaji G., Dhiyaneshwari B., Kumaran S., Narayana B., Kodlady S.N., Kadaikunnan S., Abbas G., Muthu S.	Synthesis, molecular structure, experimental and theoretical characterization of 3-((2-(2,4- dinitrophenyl) hydrazone) methyl) pyridine- Carcinopreventive activity (in silico and in vitro investigation)	Journal of Molecular Structure	1294				3.8	10.1016/j.molstruc.20 23.136527
1655	Karthik T., Jayasri M.A.	Systematic study on the effect of seaweed fertilizer on the growth and yield of Vigna radiata (L.) R. Wilczek (Mung bean)	Journal of Agriculture and Food Research	14				3.8	10.1016/j.jafr.2023.10 0748
1656	Nafees Ahmed S., Prakasam P.	A systematic review on intracranial aneurysm and hemorrhage detection using machine learning and deep learning techniques	Progress in Biophysics and Molecular Biology	183		1	16	3.8	10.1016/j.pbiomolbio. 2023.07.001
1657	Adarsh S.J., Natarajan A.	Studies on process parameter optimization and surface modification for joint strength enhancement of laser welded Aluminium 5754-Polyamide hybrid joints	Materials Today Communications	37				3.8	10.1016/j.mtcomm.20 23.107198
1658	Mohammed Nabi Anwarbasha G.T., Chakrabarti A., Bahrami A., Venkatesan V., Vikram A.S.V., Subramanian J., Mahesh V.	Efficient Finite Element Approach to Four-Variable Power-Law Functionally Graded Plates	Buildings	13	10			3.8	10.3390/buildings1310 2577

1659	Purushothaman P., Umabharathi P.S., Sureanthiran S.G., Harish V., Karpagam S.	A potent ratiometric detection and estimation of cyanide in the mainstream smoke of tobacco products by spectroscopic technique	Inorganic Chemistry Communications	158				3.8	10.1016/j.inoche.2023.111564
1660	Prakash M., Neelakandan S., Kim B.-H.	Reinforcement Learning-Based Multidimensional Perception and Energy Awareness Optimized Link State Routing for Flying Ad-Hoc Networks	Mobile Networks and Applications					3.8	10.1007/s11036-023-02255-y
1661	Vijayakumar V., Nisar K.S., Shukla M.K., Shukla A.	Impulsive second order control differential equations: Existence and approximate controllability	Journal of King Saud University - Science	35	9			3.8	10.1016/j.jksus.2023.102925
1662	Radhamani R., Balakrishnan M.	NiTi shape memory alloy: Unraveling the role of internal friction in passive damping – A review	Materials Today Communications	37				3.8	10.1016/j.mtcomm.2023.107276
1663	Paul S.K., Mishra L.N., Mishra V.N., Baleanu D.	Analysis of mixed type nonlinear Volterra–Fredholm integral equations involving the Erdélyi–Kober fractional operator	Journal of King Saud University - Science	35	10			3.8	10.1016/j.jksus.2023.102949
1664	Priyadarshini Rajesh R., Saravanakumar M.P.	Leachate xenobiotics electrocatalytic degradation and simultaneous carbon quantum dots synthesis for anti-counterfeiting applications	Inorganic Chemistry Communications	158				3.8	10.1016/j.inoche.2023.111673



1665	Rajasekar S., Ali Ibrahim Syed Masood J., Kalyan Chakravarthi N.S., Shunmuga Sundaram P., Karunakaran M., Jayaswal G., Bruno Chandrasekar L., Alodhayb A.N., Kyzas G.Z.	Synthesis and characterization of cobalt-strontium co-doped zinc oxide nanoparticles by chemical precipitation	Inorganic Chemistry Communications	158				3.8	10.1016/j.inoche.2023.111607
1666	Nandhini G., Vignesh D., Shobana M.K.	Structural and optical integrity of pure and NiFe <sub>2</sub> O <sub>4</sub> -GO nanoferrite: A combined experimental and first principles approach	Inorganic Chemistry Communications	158				3.8	10.1016/j.inoche.2023.111662
1667	Zhang J., Gadekallu T.R.	A Remote Health Detection System with Sensor Signal Purification	Mobile Networks and Applications					3.8	10.1007/s11036-023-02266-9
1668	Arulappan A., Raja G., Bashir A.K., Mahanti A., Omar M.	ZTMP: Zero Touch Management Provisioning Algorithm for the On-boarding of Cloud-native Virtual Network Functions	Mobile Networks and Applications					3.8	10.1007/s11036-023-02260-1
1669	Kim D., Velliangiri S., Bhuvaneshwari Amma N.G., Lee D.	Class Scatter Ratio Based Mahalanobis Distance Approach for Detection of Internet of Things Traffic Anomalies	Mobile Networks and Applications					3.8	10.1007/s11036-023-02257-w
1670	Shanmugam S., Vaikundam M., Narenkumar J., Santhanam A.	Exploring the effect of one-dimensional halloysite based bionanocomposite hydrogel for bone regeneration	Materials Today Communications	37				3.8	10.1016/j.mtcomm.2023.107528

1671	Thulasikanth V., Padmanabhan R.	Fabrication of sustainable closed-cell aluminium foams using recycled fly ash and eggshell powder	Materials Today Communications	37				3.8	10.1016/j.mtcomm.2023.107302
1672	Lanka D., R. D., K. S., K.G. P.	Microstructural and mechanical behaviour of friction welded SS316L components fabricated by selective laser melting	Materials Today Communications	37				3.8	10.1016/j.mtcomm.2023.107430
1673	Samuel B., Hota M.K.	A Nonlinear Functional Link Multilayer Perceptron Using Volterra Series as an Adaptive Noise Canceller for the Extraction of Fetal Electrocardiogram	Annals of Biomedical Engineering					3.8	10.1007/s10439-023-03409-5
1674	Gayakvad K., Somdatta K., Mathe V., Dongale T., W M., Patankar K.	Spinel ferrites for resistive random access memory applications	Emergent Materials					3.8	10.1007/s42247-023-00576-y
1675	Soni S.K., Thomas B., Thomas S.B., Tile P.S., Sakharwade S.G.	Carbon nanotubes as exceptional nanofillers in polymer and polymer/fiber nanocomposites: An extensive review	Materials Today Communications	37				3.8	10.1016/j.mtcomm.2023.107358
1676	Paul T.; Aggarwal A.; Behera S.K.; Meher S.K.; Gupta S.; Baskaran D.; Rene E.R.; Pakshirajan K.; Pugazhenti G.	Neuro-fuzzy modelling of a continuous stirred tank bioreactor with ceramic membrane technology for treating petroleum refinery effluent: a case study from Assam, India	Bioprocess and Biosystems Engineering					3.8	10.1007/s00449-023-02948-4
1677	Sukumaran C.; Abdul Basith S.; Vivekananthan V.; Kim S.-J.; Chandrasekhar A.	Touch-Enabled Self-Powered Elastomeric Keypad for Mapping Human Input and an Emergency Alert via Triboelectric Effect	Energy Technology					3.8	10.1002/ente.202300831

1678	Madesh R.; K. G.K.	Multi-layer additive manufacturing on nickel-based superalloy by optimization of pulsed mode process parameters of single-layer bead geometry	Materials Today Communications	37				3.8	10.1016/j.mtcomm.2023.107463
1679	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
1680	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
1681	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
1682	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

1683	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
1684	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
1685	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
1686	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
1687	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

1688	Sudha S., Mary Saral A.	Studies on phytochemical, mineral content, in vitro anti-ulcerogenic 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
1689	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
1690	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
1691	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
1692	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/s13360-023-04061-7

1693	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
1694	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.2022.113406
1695	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.2023.113438
1696	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.2022.113414
1697	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.2023.113694
1698	Elakkiya V., Sumathi S.	Vanadium substituted AlPO4 as environmentally benevolent cool yellow pigment	Optical Materials	141				3.754	10.1016/j.optmat.2023.113946

1699	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
1700	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
1701	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
1702	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
1703	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

1704	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
1705	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
1706	Sreena R., Nathanael A.J.	Biodegradable Biopolymeric Nanoparticles for Biomedical Applications-Challenges and Future Outlook	Materials	16	6			3.748	10.3390/ma16062364
1707	Mohanty S., Gokuldoss Prashanth K.	Metallic Coatings through Additive Manufacturing: A Review	Materials	16	6			3.748	10.3390/ma16062325
1708	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
1709	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



1710	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
1711	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
1712	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
1713	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
1714	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

1715	Ranade S.D., Alegaon S.G., Venkatasubramanian U., Soundarya Priya A., Kavalapure R.S., Chand J., Jalalpуре 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
1716	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
1717	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
1718	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
1719	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
1720	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

1721	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
1722	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
1723	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
1724	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
1725	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
1726	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

1727	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
1728	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
1729	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
1730	Obbineni J., Kandasamy I., Vasanth 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
1731	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
1732	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

1733	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
1734	Thirugnanasambandam 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
1735	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
1736	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
1737	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
1738	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

1739	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
1740	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
1741	Syamala N., Karuna Y.	Brain MRI image bias correction using generative adversarial network	Soft Computing					3.732	10.1007/s00500-023-08542-w
1742	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
1743	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
1744	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

1745	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
1746	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
1747	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.2022.103674
1748	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.2023.1118885
1749	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/pathogens12060770

1750	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
1751	V B., A M., V.R P.	Mangroves: A hotspot for novel bacterial and archaeal diversity	Rhizosphere	27				3.7	10.1016/j.rhisph.2023.100748
1752	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	e0289891		3.7	10.1371/journal.pone.0289891
1753	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.202300097
1754	Arivarasi A., Thiripurasundari D., Selvakumar A.A., Kumaar B., Aghil T., Rahul S., Kannan R.	An advanced cost-efficient IoT method for stroke rehabilitation using smart gloves	Nanotechnology and Precision Engineering	6	4			3.7	10.1063/10.0020290



1755	Rajan S.S.R., Thomas J., Francis D., Daniel E.C.	Effective gene delivery using size dependant nano core-shell in human cervical cancer cell lines by magnetofection	PLoS ONE	18	09-Sep			3.7	10.1371/journal.pone.0289731
1756	Raja P., Ghatak T.	N-heterocyclic iminium ions catalyzed Friedel–Crafts type alkenylation of arenes with alkynes: A metal free and solvent free approach	Catalysis Communications	182				3.7	10.1016/j.catcom.2023.106753
1757	Kaveripakam S., Chinthaginjala R.	Optimal path selection and secured data transmission in underwater acoustic sensor networks: LSTM-based energy prediction	PLoS ONE	18	09-Sep			3.7	10.1371/journal.pone.0289306
1758	Anand S., Usha Rani M.	Physicochemical and Nonlinear Optical Properties of a Stilbazolium Family Single Crystal with Third Order Nonlinear Optical Activity	ChemPhotoChem					3.7	10.1002/cptc.202300088
1759	Lakshminarayanan K., Shah R., Daulat S.R., Moodley V., Yao Y., Ezhil S.L., Ramu V., Sengupta P., Madathil D.	Feasibility and usability of a virtual-reality-based sensorimotor activation apparatus for carpal tunnel syndrome patients	PLoS ONE	18	10-Oct			3.7	10.1371/journal.pone.0292494
1760	Sundar P.M.S.V.	An automated system of intrusion detection by IoT-aided MQTT using improved heuristic-aided autoencoder and LSTM-based Deep Belief Network	PLoS ONE	18	10-Oct			3.7	10.1371/journal.pone.0291872

1761	Ajaykumar R., Murali Krishnasamy S., Dhanapal R., Ramkumar G., Megaladevi P., Manjubala M., Chandrasekaran P., Pradeeshkumar T., Navinkumar C., Harishankar K.	Mitigation of Abiotic and Biotic Stress Using Plant Growth Regulators in Rice	Agronomy	13	9			3.7	10.3390/agronomy13092226
1762	Panda S., Arumugam V.	Exploring the mediating effect of personality traits in the relationship between entrepreneurial intentions and academic performance among students	PLoS ONE	18	11-Nov			3.7	10.1371/journal.pone.0293305
1763	Anilkumar P., Venugopal P.	An improved beluga whale optimizer—Derived Adaptive multi-channel DeepLabv3+ for semantic segmentation of aerial images	PLoS ONE	18	10-Oct			3.7	10.1371/journal.pone.0290624

1764	Ernst D., Kolenčík M., Šebesta M., Ďurišová L., Kšiňan S., Tomovičová L., Kotlářová N., Kalúzová M., Černý I., Kratošová G., Žitniak Čurná V., Ivanič Porhajašová J., Babošová M., Dobročka E., Qian Y., Swamiappan S., Illa R., Gayathri Radhakrishnan S., Sunil B.R., Ducsay L.	Significance of Phosphate Nano-Fertilizers Foliar Application: A Brief Real-Field Study of Quantitative, Physiological Parameters, and Agro-Ecological Diversity in Sunflower	Agronomy	13	10			3.7	10.3390/agronomy13102606
1765	Baskar M., Rajagopal R.D., B V V S P., Babu J.C., Bartáková G.P., Arulananth T.S.	Multi-region minutiae depth value-based efficient forged finger print analysis	PloS one	18	11	e0293249		3.7	10.1371/journal.pone.0293249
1766	P A., P V.	An improved beluga whale optimizer-Derived Adaptive multi-channel DeepLabv3+ for semantic segmentation of aerial images	PloS one	18	10	e0290624		3.7	10.1371/journal.pone.0290624
1767	Nishida J., Kobayashi E., Sugiyama T., Matsuda A., Toh S., Ganesan P., Nakashima N.	Simple Method to Enhance the Oxidation-Reduction Reaction Activity of a Carbon Nanotube-Based Nickel-Iron Layered Double Hydroxide as a Bifunctional Electrocatalyst	Journal of Physical Chemistry C	127	39	19325	19334	3.7	10.1021/acs.jpcc.3c02321
1768	S S., R G A.P., Bajaj G., John A.E., Chandran S., Kumar V.V., Ramakrishna S.	A review on the recent applications of synthetic biopolymers in 3D printing for biomedical applications	Journal of Materials Science: Materials in Medicine	34	12			3.7	10.1007/s10856-023-06765-9

1769	Adhikary S.; Mohakud S.; Dutta S.	Valley polarization and stable triplet exciton formation in two-dimensional lateral heterostructure of kagome h-BN and graphene	Physical Review B	108	19			3.7	10.1103/PhysRevB.108.195429
1770	Balakrishnan B., Illangeswaran R.S.S., Rajamani B.M., Arunachalam A.K., Pai A.A., Mohanan E., Srivastava A., Mathews V., Balasubramanian P.	Metformin pretreatment ameliorates busulfan-induced liver endothelial toxicity during haematopoietic stem cell transplantation	PLoS ONE	18	10			3.7	10.1371/journal.pone.0293311
1771	Hiremath S.; Shetty E.; Prakash A.J.; Sahoo S.P.; Patro K.K.; Rajesh K.N.V.P.S.; Pławiak P.	A New Approach to Data Analysis Using Machine Learning for Cybersecurity	Big Data and Cognitive Computing	7	4			3.7	10.3390/bdcc7040176
1772	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
1773	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
1774	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

1775	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
1776	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
1777	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
1778	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

1779	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
1780	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
1781	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
1782	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

1783	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
1784	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
1785	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
1786	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
1787	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

1788	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
1789	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
1790	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
1791	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
1792	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



1793	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
1794	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
1795	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
1796	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

1797	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
1798	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
1799	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
1800	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
1801	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

1802	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
1803	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
1804	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
1805	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
1806	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
1807	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
1808	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

1809	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
1810	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
1811	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
1812	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
1813	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
1814	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

1815	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
1816	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
1817	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
1818	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
1819	Kavitha D., Geetha S., Geetha R.	An adaptive neuro fuzzy methodology for the diagnosis of prenatal hypoplastic left heart syndrome from ultrasound images	Multimedia Tools and Applications					3.6	10.1007/s11042-023-16682-2
1820	Balakrishnan S., Kumar K.S., Janet J., Babu D.V., Lora C.P.	An emergence of technological aids using machine learning algorithms to curtail the mounting manifestation of dyspraxia	Multimedia Tools and Applications					3.6	10.1007/s11042-023-16464-w

1821	Saha P., Rao K.V.B.	Biodegradation of commercial textile reactive dye mixtures by industrial effluent adapted bacterial consortium VITPBC6: a potential technique for treating textile effluents	Biodegradation					3.6	10.1007/s10532-023-10047-0
1822	Thirumalaisamy S., Thangavilou K., Rajadurai H., Saidani O., Alturki N., Mathivanan S.K., Jayagopal P., Gochhait S.	Breast Cancer Classification Using Synthesized Deep Learning Model with Metaheuristic Optimization Algorithm	Diagnostics	13	18			3.6	10.3390/diagnostics13182925
1823	Muntha K.C., Ponnusamy M.	Design approach of FPGA based efficient data compression technique (TS D2 NIS) in FC technology for data transmission	Multimedia Tools and Applications					3.6	10.1007/s11042-023-16896-4
1824	Saravanan V., Madijagan M., Rafee S.M., Sanju P., Rehman T.B., Pattanaik B.	IoT-based blockchain intrusion detection using optimized recurrent neural network	Multimedia Tools and Applications					3.6	10.1007/s11042-023-16662-6
1825	Amalathi P., Judith Vijaya J., Thinesh Kumar R., John Kennedy L., Bououdina M., Saravanakumar B.	Microwave-aided fabrication of calcium-substituted DyMnO <sub>3</sub> nanocomposites as prospective battery-type electrode material for supercapacitors	Materials Science and Engineering: B	298				3.6	10.1016/j.mseb.2023.116845
1826	Vikraman B.P., Jabeena A.	Segmentation based medical image compression of brain magnetic resonance images using optimized convolutional neural network	Multimedia Tools and Applications					3.6	10.1007/s11042-023-16559-4

1827	Gundu V., Simon S.P., Kumba K.	Short-term solar power forecasting- An approach using JAYA based recurrent network model	Multimedia Tools and Applications					3.6	10.1007/s11042-023-16723-w
1828	Radhakrishnan J., Biswas K.	Temperature controlled phase selective facile synthesis of tin sulfides and their electrochemical HER activity	Materials Science and Engineering: B	298				3.6	10.1016/j.mseb.2023.116903
1829	Kotei E., Thirunavukarasu R.	Visual attention condenser model for multiple disease detection from heterogeneous medical image modalities	Multimedia Tools and Applications					3.6	10.1007/s11042-023-16625-x
1830	Muthulakshmi S., Thiripurasundari D., Subhashini N., Kumar A., Revathi S., Ubaidullah M., Pandit B., Gupta M., Sehgal S.S., Sekhar Dash C., Subashini C., Sundararajan M., Sukumar M., Agila M., Payal H.	Facile synthesis, characterization, and photocatalytic performance of Bi <sub>1-x</sub> LaxFeO <sub>3</sub> (0 ≤ x ≤ 0.25) perovskite nanoparticles	Materials Science and Engineering: B	298				3.6	10.1016/j.mseb.2023.116919
1831	Anilkumar P., Venugopal P.	An adaptive multichannel DeepLabv3 + for semantic segmentation of aerial images using improved Beluga Whale Optimization Algorithm	Multimedia Tools and Applications					3.6	10.1007/s11042-023-17247-z
1832	Gayatri E., Aarth S.L.	Classification of skin cancer using deep batch-normalized alexnet with fractional sparrow ladybug optimization	Multimedia Tools and Applications					3.6	10.1007/s11042-023-16999-y

1833	Ziani S., Suchetha M., Rizal A.	Time-scale image analysis for detection of fetal electrocardiogram	Multimedia Tools and Applications					3.6	10.1007/s11042-023-17165-0
1834	Jawahar M., Anbarasi L.J., Anand S.M., Ravi V.	Intelligent leather defect classification using Fourier angular radial partitioning algorithm with ensemble classifier	Multimedia Tools and Applications					3.6	10.1007/s11042-023-16224-w
1835	Mishra S., Bhatnagar N., Prakasam P., Sureshkumar T.R.	Speech emotion recognition and classification using hybrid deep CNN and BiLSTM model	Multimedia Tools and Applications					3.6	10.1007/s11042-023-16849-x
1836	Adiraju R.V., Elias S.	A quantitative analysis of imaging features in lung CT images using the RW-T hybrid segmentation model	Multimedia Tools and Applications					3.6	10.1007/s11042-023-16557-6
1837	Chawla P.K., Nair M.S., Malkhede D.G., Patil H.Y., Jindal S.K., Chandra A., Gawas M.A.	Parkinson's disease classification using nature inspired feature selection and recursive feature elimination	Multimedia Tools and Applications					3.6	10.1007/s11042-023-16804-w
1838	Subashchandrabose U., John R., Anbazhagu U.V., Venkatesan V.K., Thyluru Ramakrishna M.	Ensemble Federated Learning Approach for Diagnostics of Multi-Order Lung Cancer	Diagnostics	13	19			3.6	10.3390/diagnostics13193053
1839	Bebortta S., Tripathy S.S., Basheer S., Chowdhary C.L.	FedEHR: A Federated Learning Approach towards the Prediction of Heart Diseases in IoT-Based Electronic Health Records	Diagnostics	13	20			3.6	10.3390/diagnostics13203166



1840	Srinivasan P., Doraipandiyam M., Lakshmi K.D., Panchada V., Krithivasan K.	Grid sampling based hypergraph matching technique for multiple objects tracking in video frames	Multimedia Tools and Applications					3.6	10.1007/s11042-023- 17486-0
1841	Senthilkumar S., Brindha K., Chatterjee J.M., Popat A., Gupta L., Verma A.	An optimized handwritten polynomial equations solver using an enhanced inception V4 model	Multimedia Tools and Applications					3.6	10.1007/s11042-023- 17574-1
1842	Fernandez J.J., P N.	Protection of online images against theft using robust multimodal biometric watermarking and T-norms	Multimedia Tools and Applications					3.6	10.1007/s11042-023- 17497-x
1843	Alphonse A.S., Mary N.A.B.	Classification of anti-oxidant proteins using novel physiochemical and conjoint- quad (PCQ) feature composition	Multimedia Tools and Applications					3.6	10.1007/s11042-023- 17498-w
1844	Shankar A., Perumal P., Subramanian M., Ramu N., Natesan D., Kulkarni V.R., Stephan T.	An intelligent recommendation system in e-commerce using ensemble learning	Multimedia Tools and Applications					3.6	10.1007/s11042-023- 17415-1
1845	Mattins R.F., Sarobin M.V.R., Aziz A.A., Srivarshan S.	Object detection and classification of butterflies using efficient CNN and pre-trained deep convolutional neural networks	Multimedia Tools and Applications					3.6	10.1007/s11042-023- 17563-4
1846	Mitra S., Biswas P., Bandyopadhyay A., Gadekar V.S., Gopalakrishnan A.V., Kumar M., Radha, Nandy S.	Piperlongumine: the amazing amide alkaloid from Piper in the treatment of breast cancer	Naunyn- Schmiedeberg's Archives of Pharmacology					3.6	10.1007/s00210-023- 02673-5

1847	Krishnan A.; Kamaraj S.	Direct Access to Quinone-Fused 5-Substituted-1,4-Benzodiazepine Scaffolds from Azidoquinones with/without [1,2]-Azide-Nitrogen Migration: Mechanistic Insights	Journal of Organic Chemistry	88	23	16315	16329	3.6	10.1021/acs.joc.3c01810
1848	Mariammal G., Suruliandi A., Raja S.P., Poongothai E.	An Empirical Evaluation of Machine Learning Techniques for Crop Prediction	International Journal of Interactive Multimedia and Artificial Intelligence	8	4	96	104	3.6	10.9781/ijimai.2022.12.004
1849	Anand R.V.; Md A.Q.; Urooj S.; Mohan S.; Alawad M.A.; C A.	Enhancing Diagnostic Decision-Making: Ensemble Learning Techniques for Reliable Stress Level Classification	Diagnostics	13	22			3.6	10.3390/diagnostics13223455
1850	Kavitha D.; Geetha S.; Geetha R.; Kadry S.	Dynamic neuro fuzzy diagnosis of fetal hypoplastic cardiac syndrome using ultrasound images	Multimedia Tools and Applications					3.6	10.1007/s11042-023-17847-9
1851	Nagarajan B.; Chakravarthy S.; Venkatesan V.K.; Ramakrishna M.T.; Khan S.B.; Basheer S.; Albalawi E.	A Deep Learning Framework with an Intermediate Layer Using the Swarm Intelligence Optimizer for Diagnosing Oral Squamous Cell Carcinoma	Diagnostics	13	22			3.6	10.3390/diagnostics13223461

1852	Venkatesan V.K.; Kuppusamy Murugesan K.R.; Chandrasekaran K.A.; Thyluru Ramakrishna M.; Khan S.B.; Almusharraf A.; Albuali A.	Cancer Diagnosis through Contour Visualization of Gene Expression Leveraging Deep Learning Techniques	Diagnostics	13	22			3.6	10.3390/diagnostics13 223452
1853	Tiwari R.S.; Dandabani L.; Das T.K.; Khan S.B.; Basheer S.; Alqahtani M.S.	Cloud-Based Quad Deep Ensemble Framework for the Detection of COVID-19 Omicron and Delta Variants	Diagnostics	13	22			3.6	10.3390/diagnostics13 223419
1854	Priyadarshini R G.; Narayanan S.	Analysis of blood glucose monitoring – a review on recent advancements and future prospects	Multimedia Tools and Applications					3.6	10.1007/s11042-023- 17772-x
1855	Ganesh S.; Chithambaram T.; Krishnan N.R.; Vincent D.R.; Kaliappan J.; Srinivasan K.	Exploring Huntington’s Disease Diagnosis via Artificial Intelligence Models: A Comprehensive Review	Diagnostics	13	23			3.6	10.3390/diagnostics13 233592
1856	Katal N.; Gupta S.; Verma P.; Sharma B.	Deep-Learning-Based Arrhythmia Detection Using ECG Signals: A Comparative Study and Performance Evaluation	Diagnostics	13	24			3.6	10.3390/diagnostics13 243605
1857	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

1858	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
1859	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
1860	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
1861	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
1862	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
1863	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

1864	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
1865	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
1866	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
1867	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
1868	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

1869	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 <sub>2</sub> @CdCO <sub>3</sub> nanocomposite- based electron transport layer for CsPbBr <sub>3</sub> heterojunction perovskite solar cell applications	Materials Letters	330				3.574	10.1016/j.matlet.20 22.133396
1870	Senthilraj K., Rajamurugan G.	Influence of Al <sub>2</sub> TiO <sub>5</sub> particles on AA6061 composites fabricated by bottom pouring stir casting technique	Materials Letters	338				3.574	10.1016/j.matlet.20 23.134085
1871	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
1872	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
1873	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

1874	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
1875	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
1876	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
1877	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
1878	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
1879	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

1880	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
1881	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
1882	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
1883	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
1884	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
1885	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



1886	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
1887	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
1888	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
1889	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
1890	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

1891	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
1892	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
1893	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
1894	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
1895	Munirathinam P., Chandrasekhar A.	Self-Powered Triboelectric Nanogenerator for Security Applications	Micromachines	14	3			3.523	10.3390/mi1403059 2
1896	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

1897	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
1898	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
1899	Esther Nimshi R., Judith Vijaya J., Bououdina M., John Kennedy L., Al-Najar B., Lemine O.	Green Synthesis of Functional CuFe <sub>2</sub> O <sub>4</sub> @TiO <sub>2</sub> @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
1900	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
1901	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

1902	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
1903	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
1904	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
1905	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
1906	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

1907	Venkatachalam G., Hemanth V., Logesh M., Piyush A., Siva kumar 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	10.1080/15440478.2 022.2148151
1908	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	10.1080/15440478.2 023.2167033
1909	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	10.1080/15440478.2 023.2213908
1910	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.20 23.104790
1911	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
1912	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	10.1080/15440478.2 023.2218623
1913	Aravindh S., Venkatachalam G.	Investigations on Dielectric Constant of Coir Powder- Reinforced PVC Composites	Journal of Natural Fibers	20	2			3.5	10.1080/15440478.2 023.2239501

1914	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
1915	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
1916	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
1917	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
1918	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
1919	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

1920	Tofil S., Kurp P., Manikandan M.	Surface Laser Micropatterning of Polyethylene (PE) to Increase the Shearing Strength of Adhesive Joints	Lubricants	11	9			3.5	10.3390/lubricants11090368
1921	Raghul Kannan S., Tamizhselvi R.	N-acetyltransferase and inflammation: Bridging an unexplored niche	Gene	887				3.5	10.1016/j.gene.2023.147730
1922	Suhail S., Saha S.	Time-Dependent Wave Motion in a Viscous Fluid Covered by a Poroelastic Plate	International Journal of Applied Mechanics					3.5	10.1142/S1758825123500928
1923	Afjal M.	Bridging the financial divide: a bibliometric analysis on the role of digital financial services within FinTech in enhancing financial inclusion and economic development	Humanities and Social Sciences Communications	10	1			3.5	10.1057/s41599-023-02086-y
1924	Mohanty S., Christopher B P.	A bibliometric analysis of the use of the Gamification Octalysis Framework in training: evidence from Web of Science	Humanities and Social Sciences Communications	10	1			3.5	10.1057/s41599-023-02243-3
1925	Srinivasan T., Venkatapathy S., Jo H.-G., Ra I.-H.	VNF-Enabled 5G Network Orchestration Framework for Slice Creation, Isolation and Management	Journal of Sensor and Actuator Networks	12	5			3.5	10.3390/jsan12050065
1926	Mohanty A.; Roy K.; Sahay R.R.	Robust static hand gesture recognition: harnessing sparsity of deeply learned features	Visual Computer					3.5	10.1007/s00371-023-03179-0
1927	Bhavithran G.N.; Selvakumar R.	Kernel code for DNA digital data storage	International Journal of Bio-Inspired Computation	22	2	99	104	3.5	10.1504/IJBIC.2023.134978

1928	Shah R.; Sridharan N.V.; Mahanta T.K.; Muniyappa A.; Vaithyanathan S.; Ramteke S.M.; Marian M.	Ensemble Deep Learning for Wear Particle Image Analysis	Lubricants	11	11			3.5	10.3390/lubricants11110461
1929	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
1930	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
1931	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.2023.3241628
1932	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.2023.3240772



1933	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
1934	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
1935	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
1936	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
1937	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
1938	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

1939	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.2023.3234742
1940	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
1941	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
1942	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
1943	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
1944	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

1945	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
1946	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.2023.3264605
1947	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.2023.3266476
1948	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.2023.3265477
1949	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.2023.3266374
1950	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.2023.3264016
1951	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.2023.3263721

1952	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.2023.3266640
1953	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
1954	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
1955	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
1956	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
1957	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
1958	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

1959	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
1960	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.2023.3281844
1961	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.2023.3282322
1962	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.2023.3276822
1963	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.2023.3281461
1964	Venkatasachandranthand 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.2023.3281508
1965	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.2023.3280564

1966	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
1967	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
1968	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
1969	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
1970	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
1971	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
1972	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

1973	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
1974	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
1975	Sunil S., Mandal B.K.	Synthesis of Fluorescent Carbon Quantum Dots Doped Graphitic Carbon Nitride and Its Application as Fe <sup>3+</sup> Sensors	Journal of Cluster Science					3.447	10.1007/s10876-023- 02410-1
1976	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 <sub>2</sub> O <sub>4</sub> and Mn- Doped CuCr <sub>2</sub> O <sub>4</sub>	Journal of Cluster Science	34	3	1527	1534	3.447	10.1007/s10876-022- 02328-0
1977	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

1978	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
1979	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
1980	Arunachalapandi M., Roopan S.M.	Visible light-activated Cu <sub>3</sub> TiO <sub>4</sub> photocatalyst for the one-pot multicomponent synthesis of imidazo-pyrimido acridines	Inorganic Chemistry Communications	148				3.428	10.1016/j.inoche.2022.110310
1981	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
1982	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
1983	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 <sub>3</sub> dopant precursor concentration in aqueous medium for improving solar cell performance	Inorganic Chemistry Communications	150				3.428	10.1016/j.inoche.2023.110395



1984	Dhanasekaran K., Napoleon A.A.	Pyrene derived imine functionalized moiety for highly selective colorimetric detection of Cu <sup>2+</sup> ion real time sample with supportive DFT studies	Inorganic Chemistry Communications	151				3.428	10.1016/j.inoche.2023.110481
1985	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
1986	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
1987	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
1988	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

1989	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
1990	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
1991	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
1992	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
1993	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
1994	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
1995	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
1996	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

1997	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
1998	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
1999	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
2000	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
2001	Banerjee M., Devi Rajeswari V.	A novel cross-communication of HIF-1 $\alpha$ and HIF-2 $\alpha$ 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
2002	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

2003	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
2004	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
2005	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
2006	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
2007	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

2008	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
2009	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
2010	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
2011	Govardhan S., Roy S.	Topological analysis of hexagonal and rectangular porous graphene with applications to predicting $\pi$ - electron energy	European Physical Journal Plus	138	7			3.4	10.1140/epjp/s1336 0-023-04307-4
2012	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
2013	Tripathi S., Mishra R.B., Bihari A., Agrawal S., Joshi P.	A computational model of current control mechanism for long-term potentiation (LTP) in human episodic memory based on gene-gene interaction	European Journal of Neuroscience	58	6	3569	3590	3.4	10.1111/ejn.16115

2014	Sivapatham S., Kar A., Bodile R., Mladenovic V., Sooraksa P.	A deep neural network-correlation phase sensitive mask based estimation to improve speech intelligibility	Applied Acoustics	212				3.4	10.1016/j.apacoust.2023.109592
2015	Mounica V., Obulesu Y.P.	An energy management scheme for improving the fuel economy of a fuel cell/battery/supercapacitor-based hybrid electric vehicle using the coyote optimization algorithm (COA)	Frontiers in Energy Research	11				3.4	10.3389/fenrg.2023.1180531
2016	Jadhav H.K., Kumaravelu V.B., Murugadass A., Imoize A.L., Selvaprabhu P., Chandrasekhar A.	Intelligent Transmit Antenna Selection Schemes for High-Rate Fully Generalized Spatial Modulation	Future Internet	15	8			3.4	10.3390/fi15080281
2017	Ramalingam P.S., Arumugam S.	Reverse vaccinology and immunoinformatics approaches to design multi-epitope based vaccine against oncogenic KRAS	Medical Oncology	40	10			3.4	10.1007/s12032-023-02160-0
2018	Sekaran K., Varghese R.P., Zayed H., El Allali A., George Priya Doss C.	Single-cell transcriptomic analysis reveals crucial oncogenic signatures and its associative cell types involved in gastric cancer	Medical Oncology	40	10			3.4	10.1007/s12032-023-02174-8
2019	Bhangale K.B., Kothandaraman M.	Speech emotion recognition using the novel PEmoNet (Parallel Emotion Network)	Applied Acoustics	212				3.4	10.1016/j.apacoust.2023.109613

2020	Ezhilan M., Alam M.M., Vijayalakshmi U., Gupta S., Dhayalan A., Kannan S.	Synthesis, characterization, mechanical and magnetic characteristics of Gd <sup>3+</sup> /PO <sub>4</sub> <sup>3-</sup> substituted zircon for application in hard tissue replacements	Journal of Biomedical Materials Research - Part B Applied Biomaterials					3.4	10.1002/jbm.b.35324
2021	Castillo-Soria F.R., Del Puerto-Flores J.A., Azurdia-Meza C.A., Babu Kumaravelu V., Simón J., Gutierrez C.A.	Precoding for RIS-Assisted Multi-User MIMO-DQSM Transmission Systems	Future Internet	15	9			3.4	10.3390/fi15090299
2022	Ram S.C., Bhushan A., Kumar M.R.	Influences of Centrifugal Force on the Microstructure, Metallurgical Features, and Mechanical Behavior of Centrifugally Cast Al-Mg <sub>2</sub> Si in-situ Functionally Graded Composites	Silicon					3.4	10.1007/s12633-023-02724-9
2023	Govindaraj D., Venkatesan R., Kim S.-C., Alothman A.A., Gopal B.	Fumed Silica Support as a Catalytic Platform, Ni and Mn Oxide Reactive Species for the Selective Hydration of Aromatic Nitriles	Silicon					3.4	10.1007/s12633-023-02716-9
2024	Ghosh R., Nelapati R.P.	Impact of Deep Cryogenic Temperatures on High-k Stacked Dual Gate Junctionless MOSFET Performance: Analog and RF analysis	Silicon					3.4	10.1007/s12633-023-02705-y
2025	Krishnamoorthy H.N.R., Karuppasamy R.	A multitier virtual screening of antagonists targeting PD-1/PD-L1 interface for the management of triple-negative breast cancer	Medical Oncology	40	11			3.4	10.1007/s12032-023-02183-7

2026	Kumar A., Ray A.K., Saha S., Tanwar D.V., Kumar B., Sheremet M.A.	Flow of hybrid nanomaterial over a wedge: shape factor of nanoparticles impact	European Physical Journal Plus	138	10			3.4	10.1140/epjp/s13360-023-04535-8
2027	Kannampuzha S., Murali R., Gopalakrishnan A.V., Mukherjee A.G., Wanjari U.R., Namachivayam A., George A., Dey A., Vellingiri B.	Novel biomolecules in targeted cancer therapy: a new approach towards precision medicine	Medical Oncology	40	11			3.4	10.1007/s12032-023-02168-6
2028	Sahu A., Das P.K., Meher S.	Recent advancements in machine learning and deep learning-based breast cancer detection using mammograms	Physica Medica	114				3.4	10.1016/j.ejmp.2023.103138
2029	Afjal M.	ChatGPT and the AI revolution: a comprehensive investigation of its multidimensional impact and potential	Library Hi Tech					3.4	10.1108/LHT-07-2023-0322
2030	Sinharoy A., Mahanty B., Behera S.K., Mehta M., Mantri S., Das R., Saikia S., Rene E.R., Pakshirajan K.	Modelling selenite and chemical oxygen demand removal in an inverse fluidized bed bioreactor using genetic algorithm optimized artificial neural network	Journal of Chemical Technology and Biotechnology					3.4	10.1002/jctb.7532
2031	Joseph S., Swamiappan S.	Preparation and Characterization of Diopside -Wollastonite Composite for Orthopedic Application	Silicon					3.4	10.1007/s12633-023-02737-4



2032	Murali R., Gopalakrishnan A.V.	Molecular insight into renal cancer and latest therapeutic approaches to tackle it: an updated review	Medical Oncology	40	12			3.4	10.1007/s12032-023-02225-0
2033	Kumar B.V.; Selvan C.P.; Kanna P.R.; Taler D.; Szymkiewicz M.; Taler J.	Numerical investigation of heat transfer enhancement in solar air heaters using polygonal-shaped ribs and grooves	Frontiers in Energy Research	11				3.4	10.3389/fenrg.2023.1279225
2034	Lisha N.M.; Vijaya Kumar A.G.	Mixed bio-convection analysis on MHD Casson hybrid nanofluid flow over a spinning cone/plate embedded in a variable porosity medium: a comparative study	European Physical Journal Plus	138	11			3.4	10.1140/epjp/s13360-023-04650-6
2035	Baleboina G.M.; Mageshvaran R.	A survey on voltage stability indices for power system transmission and distribution systems	Frontiers in Energy Research	11				3.4	10.3389/fenrg.2023.1159410
2036	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
2037	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

2038	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
2039	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
2040	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
2041	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
2042	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/separations10030177

2043	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
2044	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
2045	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	10.1080/15376494.2023.2167247
2046	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	10.1080/15376494.2023.2188324
2047	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.ijnonlinmech.2022.104303

2048	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
2049	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/brainsci13020321
2050	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/brainsci13040656
2051	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/buildings13030577
2052	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 Telecommunications Technologies					3.31	10.1002/ett.4757
2053	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

2054	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
2055	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
2056	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
2057	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
2058	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
2059	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

2060	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
2061	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
2062	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
2063	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
2064	Pious A., Ragavi S., Kamlekar R.K., Mariappan M., Anbazhagan V.	2-Pyridylmethyl-N-palmitoylglycine micelle-guided synthesis of a recyclable CuO@SiO <sub>2</sub> nanocatalyst for hydride transfer nitro reduction in water	New Journal of Chemistry					3.3	10.1039/d3nj02896h
2065	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 contaminants	Research on Chemical Intermediates	49	9	3787	3805	3.3	10.1007/s11164-023-05046-y

2066	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
2067	Ahila A., Prema V., Ayyasamy S., Sivasubramanian M.	An enhanced deep learning model for high-speed classification of plant diseases with bioinspired algorithm	Journal of Supercomputing					3.3	10.1007/s11227-023-05622-4
2068	Dharmalingam V., Palivela L.H., Elangovan P.	Effective dehazing of night-time images using open dark channel prior and wavelet transform	Expert Systems					3.3	10.1111/exsy.13430

2069	Dutta C., Sandhya P., Vidhya K., Rajalakshmi R., Ramya D., Madhubabu K.	Effectiveness of deep learning in early-stage oral cancer detections and classification using histogram of oriented gradients	Expert Systems					3.3	10.1111/exsy.13439
2070	Shashikumar S., Sreekanth M.S.	Investigation on mechanical properties of polyamide 6 and carbon fiber reinforced composite manufactured by fused deposition modeling technique	Journal of Thermoplastic Composite Materials					3.3	10.1177/08927057231 200006
2071	Sumithra A., Kumar B.R., Sivaraj R., Öztop H.F.	Thermal analysis of magnetic Iron-Oxide nanoparticle with combination of Water and Ethylene Glycol passes through a partially heated permeable square enclosure	Journal of Taibah University for Science	17	1			3.3	10.1080/16583655.20 23.2257366
2072	Khan R., Kumar A.	Performance enhancement of hydrokinetic turbine using augmentation techniques: a review	International Journal of Green Energy					3.3	10.1080/15435075.20 23.2258187
2073	Krishnan M., Singh F.V.	Synthesis of fluorescent aromatic species via ring transformation of $\alpha$ -pyranones and their application in OLEDs, chemosensors, and cell imaging	New Journal of Chemistry	47	34	15827	15846	3.3	10.1039/d3nj02498a
2074	Karthik R., Menaka R., Siddharth M.V., Hussain S., Siddharth P., Won D.	HMARNET—A Hierarchical Multi- Attention Residual Network for Gleason scoring of prostate cancer	International Journal of Imaging Systems and Technology					3.3	10.1002/ima.22976



2075	Rajendran B., Sudalaimani A., Jothi T., Mohankumar A., Sampathkumar D., Mariappan M., Mohaideen A.	Mathematical Modelling, Drying Behavior, and Quality Investigation of the Turkey Berry in a Fluidized Bed Dryer	Journal of Food Quality	2023				3.3	10.1155/2023/579936 5
2076	Mohan A., Venkatesan M., Prabhavathy P., Jayakrishnan A.	Temporal convolutional network based rice crop yield prediction using multispectral satellite data	Infrared Physics and Technology	135				3.3	10.1016/j.infrared.202 3.104960
2077	Lakshminarayanan V., Ravikumar A., Chattu V.K., Sriraman H., Alla S.	Health Care Equity Through Intelligent Edge Computing and Augmented Reality/Virtual Reality: A Systematic Review	Journal of Multidisciplinary Healthcare	16		2839	2859	3.3	10.2147/JMDH.S41992 3
2078	Hariprasad B.S., Priya R.L., Paunkumar P., Dhayanithi C.A., Babu S.G.	Synergistic effect of antiferromagnetic hematite on cuprous oxide nanocomposite: enhanced catalytic activity and reusability for N-arylation of imidazole	Research on Chemical Intermediates					3.3	10.1007/s11164-023- 05178-1
2079	Samyuktha A.D., Ethiraj K.R., Shanmugam P.	Unusual participation of O- propargyl group during the cyclization of 6-hydroxy-2- propargyl ethers of aryl chalcones: one-pot synthesis of 2- acyl-3-styrylbenzofuran and 7- aryldibenzo[b,d]furan-1,7-diols	New Journal of Chemistry					3.3	10.1039/d3nj03766e
2080	Harikaran D., Vijayaraghavan R.	Strontium peroxide as a potential photocatalyst: rapid degradation of organic and pharmaceutical pollutants	New Journal of Chemistry					3.3	10.1039/d3nj03546h

2081	Xu Y., Barbosa P.C.S., da Cunha Neto J.S., Zhang L., Shanmuganathan V., de Albuquerque V.H.C., Pasupathi S.	Development of intelligent and integrated technology for pattern recognition in EMG signals for robotic prosthesis command	Expert Systems	40	5			3.3	10.1111/exsy.13109
2082	Thangaraj C., Easwaramoorthy D., Muhiuddin G., Selmi B., Kulish V.	Fractal based automatic detection of complexity in COVID-19 X-ray images	Expert Systems					3.3	10.1111/exsy.13497
2083	Prabu S.; Francesco F.; Colombo A.; Dragonetti C.; Biagini P.; Melchiorre F.; Palanisami N.	Nonlinear optical-active ferrocene conjugated Y-shaped imidazole donor- $\pi$ -acceptor [(D- $\pi$ )2-IM- $\pi$ -A] compounds for dye-sensitized solar cells using non-corrosive copper complexes as a redox mediator	New Journal of Chemistry	48	1	394	405	3.3	10.1039/d3nj03668e
2084	Venkatachalam G.; Jayanthi U.; Suja A.; Gnanaaksaya S.; Aravindh S.; Velu P.S.; Balamurugan K.; Gopal R.	Virtual Fatigue Behaviour Analysis of Coir Fibre-Reinforced PVC Composites	International Journal of Polymer Science	2023				3.3	10.1155/2023/6685837
2085	Ravikumar T.; Thirumalaisamy L.; Madanagurusamy S.; Kalainathan S.	Manganese doped two-dimensional zinc ferrite thin films as chemiresistive trimethylamine gas sensors	Physical Chemistry Chemical Physics	25	46	32216	32233	3.3	10.1039/d3cp03867j

2086	Mataghare B.C.; Bhagat P.R.	Construction of porphyrin-based photocatalyst comprising pyridinium ionic liquid moiety for the metal-free visible light-assisted N-arylation of amines: facile approach to afford drug intermediates	New Journal of Chemistry	47	47	21764	21780	3.3	10.1039/d3nj04295b
2087	Vijayan K.; Thirumalaisamy L.; Vijayachamundeeswari S.P.; Sivaperuman K.; Ahsan N.; Okada Y.	Hierarchically structured sub-bands in chalcopyrite thin-film solar cell devices	New Journal of Chemistry	47	48	22456	22468	3.3	10.1039/d3nj03894g
2088	Mamgain R.; Gana R.J.; Malik A.; Singh F.V.	Transition-metal-free synthesis and photophysical studies of highly functionalized (E)-stilbenes	New Journal of Chemistry	48	1	342	350	3.3	10.1039/d3nj03458e
2089	Dayasagar Chowdary S.; Sudhakar M.S.	Linear programming-based multi-objective floorplanning optimization for system-on-chip	Journal of Supercomputing					3.3	10.1007/s11227-023-05812-0
2090	Jagadeesh G.; Gitanjali J.; Vellingiri J.; Pounambal M.; Sathiyamoorthy E.; Iwendi C.	MDROGWL: modified deep reinforcement oppositional wolf learning for group key management in IoT environment	Journal of Supercomputing					3.3	10.1007/s11227-023-05809-9
2091	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.2022.101464

2092	Mishra S., Rajashekar 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
2093	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
2094	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
2095	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
2096	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
2097	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/en1603151 2

2098	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
2099	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
2100	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
2101	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
2102	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
2103	Narayanaswamy J., Mandava S.	Non-Isolated Multiport Converter for Renewable Energy Sources: A Comprehensive Review	Energies	16	4			3.252	10.3390/en16041834

2104	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
2105	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
2106	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
2107	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
2108	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
2109	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

2110	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.2023.1 01579
2111	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	10.1155/2023/7464 159
2112	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
2113	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

2114	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
2115	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
2116	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
2117	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
2118	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



2119	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
2120	Thirugnanasambandam 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
2121	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
2122	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
2123	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
2124	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

2125	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
2126	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
2127	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
2128	Zaveri J.C., Dhanushkodi S.R., Kumar C.R., Taler J., Majdak M., Węglowski B.	Predicting the Performance of PEM Fuel Cells by Determining Dehydration or Flooding in the Cell Using Machine Learning Models	Energies	16	19			3.2	10.3390/en16196968
2129	Srinivas S., Dhanushkodi S.R., Chidambaram R.K., Skrzyniowska D., Korzen A., Taler J.	Benchmarking Electrolytes for the Solid Oxide Electrolyzer Using a Finite Element Model	Energies	16	18			3.2	10.3390/en16186419
2130	Patruni M.R., Humayun A.G.	PPAM-mIoT: a privacy-preserving authentication with device verification for securing healthcare systems in 5G networks	International Journal of Information Security					3.2	10.1007/s10207-023-00762-3

2131	Gopalakrishnan N., Ali M.M.N., Karthikeyan S., Venkatesh K., Jenova I., Madeswaran S., Kumar R., Nayak P.K., Boopathi D.	Facile synthesis of PVA-formamide based solid state electrolyte membrane: A combined experimental and computational studies	Solid State Ionics	402				3.2	10.1016/j.ssi.2023.116378
2132	Priya D.S., Kennedy L.J., Anand G.T.	Cyperus pangorei porous carbon electrodes for the sustainable symmetric supercapacitor application	Energy Storage					3.2	10.1002/est2.531
2133	Peerzada J.G., Ojha N., Jaabir M.S.M., Lakshmi B., Hannah S., Chidambaram R., Sinclair B.J., Krishna G., Muthuramalingam P., Mossa A.-T.	Advancements in eco-friendly food packaging through nanocomposites: a review	Polymer Bulletin					3.2	10.1007/s00289-023-05002-1
2134	Mahesh P., Panigrahy D., Nayak C.	Completely switchable multi-mode narrowband terahertz absorber: Monolayer graphene, coupled topological interface states, and Rabi splitting	Journal of Applied Physics	134	16			3.2	10.1063/5.0173081
2135	Ajithkumar M., Lakshminarayana P., Vajravelu K.	Peristaltic flow of bioconvective Ree-Eyring nanofluid through an inclined elastic channel with partial slip effects	Journal of Applied Physics	134	15			3.2	10.1063/5.0171422
2136	Puthillam U., Selvam R.E.	Tribocorrosion in biomaterials and control techniques: a review	Corrosion Reviews					3.2	10.1515/corrrev-2023-0008

2137	Aneesh T.; Mohanty C.P.; Tripathy A.K.; Chauhan A.S.; Gupta M.; Annamalai A.R.	A Thermo-Structural Analysis of Die-Sinking Electrical Discharge Machining (EDM) of a Haynes-25 Super Alloy Using Deep-Learning-Based Methodologies	Journal of Manufacturing and Materials Processing	7	6			3.2	10.3390/jmmp7060225
2138	Silpa B.; Hota M.K.	OVME-REG: Harris hawks optimization algorithm based optimized variational mode extraction for eye blink artifact removal from EEG signal	Medical and Biological Engineering and Computing					3.2	10.1007/s11517-023-02976-y
2139	Ghatage P.S.; Sudhagar P.E.; Kar V.R.	Free vibrational behavior of perfect and imperfect multi-directional FG plates and curved structures	Geomechanics and Engineering	35	4	367	383	3.2	10.12989/gae.2023.35.4.367
2140	Sambasivam K.M.; Kuppan P.; Laila L.S.; Shashirekha V.; Tamilarasan K.; Abinandan S.	Kernel-Based Biodiesel Production from Non-Edible Oil Seeds: Techniques, Optimization, and Environmental Implications	Energies	16	22			3.2	10.3390/en16227589
2141	Rai N.; Sarkar R.; Mahajan A.; Laha A.; Saha D.; Ganguly S.	Analysis and modeling of reverse-biased gate leakage current in AlGaIn/GaN high electron mobility transistors	Journal of Applied Physics	134	24			3.2	10.1063/5.0176944

2142	Nag S.; Mitra O.; Tripathi G.; Samanta S.; Bhattacharya B.; Chandane P.; Mohanto S.; Sundararajan V.; Malik S.; Rustagi S.; Adhikari S.; Mohanty A.; León-Figueroa D.A.; Rodriguez-Morales A.J.; Barboza J.J.; Sah R.	Exploring the theranostic potentials of miRNA and epigenetic networks in autoimmune diseases: A comprehensive review	Immunity, Inflammation and Disease	11	12			3.2	10.1002/iid3.1121
2143	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
2144	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.2022.103398
2145	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

2146	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.2022.102124
2147	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
2148	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
2149	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
2150	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
2151	Upadhyay A., Basha N.K., Ananthakrishnan 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

2152	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/healthcare1050710
2153	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
2154	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/inorganics1010003
2155	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
2156	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
2157	Arunachalapandi M., Roopan S.M.	Photo-triggered sustainable synthesis of quinazolinone derivatives using visible light active exfoliated g-C <sub>3</sub> N <sub>4</sub> /Cu <sub>3</sub> TiO <sub>4</sub> as a heterogeneous photocatalyst	Inorganica Chimica Acta	546				3.118	10.1016/j.ica.2022.121322

2158	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
2159	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
2160	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
2161	Fowsiya J., Muthusamy K., Alfarhan A., Madhumitha G.	Promising insecticidal effect of C. edulis phytochemical loaded nanoemulsion using Ag <sub>2</sub> O 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
2162	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



2163	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
2164	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
2165	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
2166	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.2023.3289774
2167	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
2168	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

2169	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
2170	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
2171	Praveena S., Senthilnathan K.	A review: Rise of PT-symmetry for laser applications	Optik	289				3.1	10.1016/j.ijleo.2023. 171260
2172	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
2173	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
2174	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
2175	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

2176	Dutta Gupta O., Karbat I., Pal K.	Understanding the Molecular Regulation of Serotonin Receptor 5-HTR1B- $\beta$ -Arrestin1 Complex in Stress and Anxiety Disorders	Journal of Molecular Neuroscience					3.1	10.1007/s12031-023-02146-7
2177	Saravanan K., Kouzani A.Z.	Advancements in On-Device Deep Neural Networks	Information (Switzerland)	14	8			3.1	10.3390/info14080470
2178	Arul Prakash S., Chinapaka R., John M.L., Dey S., Kamlekar R.K.	Crystal structure, molecular packing, and intermolecular interactions of N-pentadecanoyltaurine and N-acyltaurine's interaction with cholesterol	CrystEngComm					3.1	10.1039/d3ce00646h
2179	Prasanth A., Harini V.K., Manivannan P., Velumani M., Narasimman S., Meher S.R., Alex Z.C.	Detection of biofuel adulterants using an optical fiber-based refractive index sensor	Optik	291				3.1	10.1016/j.ijleo.2023.171345
2180	Rambia A., Veluchamy C., Rawat J.M., Jamdhade M.D., Purohit S., Pawar K.D., Rajasekaran C., Rawat B., Sharma A.	Revealing bacterial and fungal communities of the untapped forest and alpine grassland zones of the Western-Himalayan region	International Microbiology					3.1	10.1007/s10123-023-00430-5
2181	Alinejadian N., Wang P., Kollo L., Prashanth K.G.	Selective Laser Melting of Commercially Pure Molybdenum by Laser Rescanning	3D Printing and Additive Manufacturing	10	4	785	791	3.1	10.1089/3dp.2021.0265
2182	Maurya H.S., Kollo L., Tarraste M., Juhani K., Sergejev F., Prashanth K.G.	Selective Laser Melting of TiC-Fe via Laser Pulse Shaping: Microstructure and Mechanical Properties	3D Printing and Additive Manufacturing	10	4	640	649	3.1	10.1089/3dp.2021.0221

2183	Mustafa T., Ahmad Y., Sharma M., Devi N., Vinitha G., Bamzai K.K.	Third order nonlinear optical, dielectric, photoluminescence and thermal analysis of Gd <sup>3+</sup> doped glycine copper chloride (GCC) crystals	Optik	295				3.1	10.1016/j.ijleo.2023.1 71459
2184	Prakash P., Gayathiri E., Rahaman M., Periyasami G., Pandiaraj S., Pratheep T., Selvam K., Chaudhari S.Y., Thirumalaivasan N., Thomas J., Hatami M., Govindasamy R., Thiruvengadam M.	Exploring the potential of targeting insulin-like growth factor-1 through network pharmacology, molecular docking, molecular dynamics, and experimental validation of antioxidant and anti- inflammatory activities	South African Journal of Botany	162		707	718	3.1	10.1016/j.sajb.2023.0 9.052
2185	Venkatesan D., Iyer M., Raj N., Gopalakrishnan A.V., Narayanasamy A., Kumar N.S., Vellingiri B.	Assessment of tRNAThr and tRNAGln Variants and Mitochondrial Functionality in Parkinson's Disease (PD) Patients of Tamil Nadu Population	Journal of Molecular Neuroscience					3.1	10.1007/s12031-023- 02154-7
2186	Das C., Debnath S., Patel V.D., Gupta D., Banerjee A., Mahata P.	Differential supercapacitor and Schottky diode behaviours in two new isostructural coordination polymers based on redox active metal ions	CrystEngComm					3.1	10.1039/d3ce00883e
2187	Afjal M.	The tapestry of green economics: mapping the nexus of CO <sub>2</sub> emissions, economic growth, and renewable energy	International Journal of Sustainable Energy	42	1	1364	1390	3.1	10.1080/14786451.20 23.2268853

2188	Majumder P., Bhowmik P., Das A., Senapati T., Simic V., Pamucar D.	An intuitionistic fuzzy based hybrid decision-making approach to determine the priority value of indicators and its application to solar energy feasibility analysis	Optik	295				3.1	10.1016/j.ijleo.2023.171492
2189	Sharma P., Raju S.	Efficient estimation of PV parameters for existing datasets by using an intelligent algorithm	Optik	295				3.1	10.1016/j.ijleo.2023.171467
2190	Premanand S., Narayanan S.	Convolution-Based Heterogeneous Activation Facility for Effective Machine Learning of ECG Signals	Computers, Materials and Continua	77	1	25	45	3.1	10.32604/cmc.2023.042590
2191	Rajathi C., Rukmani P.	Modified MMS: Minimization Approach for Model Subset Selection	Computers, Materials and Continua	77	1	733	756	3.1	10.32604/cmc.2023.041507
2192	Hu Q., Cui J., Zhang H., Liu S., Ramalingam M.	A 5+1-Axis 3D Printing Platform for Producing Customized Intestinal Fistula Stents	3D Printing and Additive Manufacturing	10	5	955	970	3.1	10.1089/3dp.2021.0044
2193	UshaVipinachandran V.; Bhunia S.K.	Spectroscopic/colorimetric dual-mode rapid and ultrasensitive detection of reactive oxygen species based on shape-dependent silver nanostructures	Analytical Methods	15	48	6687	6697	3.1	10.1039/d3ay01749d
2194	Kumar U.S.; Varghese R.P.; Preethi V.A.; Doss C.G.P.; Zayed H.	Identification of Potential Inhibitors Targeting GTPase-Kirsten RAt Sarcoma Virus (K-Ras) Driven Cancers via E-Pharmacophore-Based Virtual Screening and Drug Repurposing Approach	Frontiers in Bioscience - Landmark	28	11			3.1	10.31083/j.fbl2811288

2195	Krishnasamy P.; Mylsamy G.; G R.; Jeyanthi S.; D M.M.	Acoustic, vibration, and viscoelastic performance of wire EDM waste-reinforced natural fiber composites	Journal of Reinforced Plastics and Composites					3.1	10.1177/07316844231219316
2196	Pillai L.; Srivastava S.; Ajin A.; Rana S.S.; Mathkor D.M.; Haque S.; M. Tambuwala M.; Ahmad F.	Etiology and incidence of postpartum depression among birthing women in the scenario of pandemics, geopolitical conflicts and natural disasters: a systematic review	Journal of Psychosomatic Obstetrics and Gynecology	44	1			3.1	10.1080/0167482X.2023.2278016
2197	Saravanakumar K.; Sathyanarayanan K.; Khan M.S.; Park S.J.; Yoo H.M.; Cho S.H.; Ahn G.; Ahamed M.A.A.; Padmanabhan S.; MubarakAli D.; Cho N.	Recent progress in biotechnological approaches for diverse applications of algae: an overview	International Journal of Environmental Science and Technology					3.1	10.1007/s13762-023-05321-w
2198	Fathima M.S A.; Khan A.; Alam A.S.	A bibliometric review of consumers' purchase behaviour for solar energy products	International Journal of Energy Sector Management					3.1	10.1108/IJESM-03-2023-0018
2199	Bhol K.; Jena B.; Nanda U.	An Accurate Drain Current Model of Multichannel Cylindrical High-K HfO <sub>2</sub> -/Si <sub>3</sub> N <sub>4</sub> -Based GAA-MOSFET for SRAM Application	IEEE Transactions on Electron Devices	70	12	6329	6335	3.1	10.1109/TED.2023.3326792
2200	Prusty M.R.; Dinesh R.; Sheth H.S.K.; Viswanath A.L.; Satapathy S.K.	Nuclei Segmentation in Histopathology Images Using Structure-Preserving Color Normalization Based Ensemble Deep Learning Frameworks	Computers, Materials and Continua	77	3	3077	3094	3.1	10.32604/cmc.2023.042718

2201	Balasundaram A.; Mohanty A.; Shaik A.; Pradeep K.; Vijayakumar K.P.; Kavitha M.S.	Zero-DCE++ Inspired Object Detection in Less Illuminated Environment Using Improved YOLOv5	Computers, Materials and Continua	77	3	2751	2769	3.1	10.32604/cmc.2023.0 44374
2202	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.202 2.170330
2203	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.202 2.170290
2204	Rajasabai S.P., Koppolu U.M.K.	Meta-magnetism and exchange interaction in binary alloy Fe <sub>2</sub> Ge	Journal of Magnetism and Magnetic Materials	565				3.097	10.1016/j.jmmm.202 2.170230
2205	Rajkumar D., Subramanyam Reddy A., Satya Narayana P.V., Jagadeshkumar K., Chamkha A.J.	Pulsating magnetohydrodynamic flow of Fe <sub>3</sub> O <sub>4</sub> -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.202 3.170564

2206	Nithiyanandam S., Prince S.E.	Caesalpinia bonducella Counteracts Paracetamol- Instigated Hepatic Toxicity via Modulating TNF- $\alpha$ 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
2207	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
2208	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
2209	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
2210	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
2211	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



2212	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
2213	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
2214	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
2215	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
2216	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
2217	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

2218	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
2219	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
2220	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
2221	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
2222	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
2223	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

2224	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
2225	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
2226	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
2227	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
2228	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
2229	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

2230	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
2231	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
2232	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
2233	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
2234	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

2235	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
2236	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
2237	Shanthi B., Saravanan K., Ravichandran C., Venkatachalapathy B., Sathiyarayanan K., Karthikeyan N.S., Suresh R.	Ag <sub>2</sub> CrO <sub>4</sub> nanostructures: Characterization and catalytic properties	Materials Letters	351				3	10.1016/j.matlet.20 23.135010
2238	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
2239	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

2240	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
2241	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
2242	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
2243	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
2244	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
2245	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

2246	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
2247	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
2248	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
2249	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
2250	Sunder S., Gupta A., Kataria R., Ruhel R.	Potential of Rhodosporidium toruloides for Fatty Acids Production Using Lignocellulose Biomass	Applied Biochemistry and Biotechnology					3	10.1007/s12010-023-04681-w
2251	Melwin G., Devika Anil A., Krishnan S., Nivedha S., Praveena S., Ramesh Babu P., Senthilnathan K.	A Novel Side Polished PCF-Based SPR Sensor with Shifted Core Region	Plasmonics					3	10.1007/s11468-023-02060-z

2252	Chillakuru P.D., Vignesh G.D., Maheswari S., Sabeenian R.S., Mouleswararao B., Markkandan S.	Adaptive rate and modulation scheme for M2M communication using quantum optical and 5G communication	Optical and Quantum Electronics	55	11			3	10.1007/s11082-023-05373-9
2253	Rajkumar Y., Kumar S.V.N.S.	An elliptic curve cryptography based certificate-less signature aggregation scheme for efficient authentication in vehicular ad hoc networks	Wireless Networks					3	10.1007/s11276-023-03473-8
2254	Shanmugapriya K., Rajagopal D., Karthikeyan S.	An improvement in aluminium composites interface strength and microhardness through electroless cobalt coatings on tungsten carbide	Materials Letters	352				3	10.1016/j.matlet.2023.135105
2255	Sheraf J., Darius Gnanaraj S.	Characterization of a functionally graded aluminium metal matrix composite (AMMC)	Materials Letters	352				3	10.1016/j.matlet.2023.135110
2256	Suresh A., Abraham J.	Degradation of Emerging Pharmaceutical Pollutants from Wastewater Using Penicillium aurantiogriseum 2AJS	Applied Biochemistry and Biotechnology					3	10.1007/s12010-023-04653-0
2257	Thangavelu S., Rajesh A., Perumal S., Sravan S., Mani C.	Design of high sensitive hybrid honeycomb photonic crystal fiber for sensing C8H8O3/AsCl3/C8H10 analyte	Optical and Quantum Electronics	55	11			3	10.1007/s11082-023-05268-9



2258	Mary Manoj A., Rose Viannie L.	Electrochemical pH sensing characteristics of nitrogen-doped zinc oxide nanostructures using a screen-printed platform**	Electroanalysis					3	10.1002/elan.202300156
2259	Arjun Kumar B., Subalakshmi P., Mujahid Alam M., Ramalingam G., Sangaraju S.	In situ addition WS2 quantum dots on polymer films for white emission LED applications	Materials Letters	352				3	10.1016/j.matlet.2023.135135
2260	Sekkarapatti Ramasamy M., Krishnamoorthi Kaliannagounder V., Ramasamy S., Kumar V., Park S.J., Park S.S., Park C.H., Han S.S., Kim C.S., Kim B.	Insight into the interaction of pluronic F-127 functionalized boron nitride nanosheets with piezoelectric poly(l-lactic acid) nanofiber scaffolds for bone tissue engineering applications	Journal of Applied Polymer Science					3	10.1002/app.54598
2261	Nair R.V., Anandajith T S., Menon A.U.	Orientation-Specific Plasmonic Biosensor for Alzheimer's Disease Detection Using Graphene-Wrapped Au Nano ellipsoids	Plasmonics					3	10.1007/s11468-023-02006-5
2262	Venkata Rajesh J., Abimannan G.	Powder mixed electrical discharge machining: One step method to create functional surfaces	Materials Letters	351				3	10.1016/j.matlet.2023.135103
2263	ShivaKumar G.N., Rajamurugan G.	Significance of FSW process parameters and tialite particle reinforcement at the weld zone of AA6082 alloy	Materials Letters	353				3	10.1016/j.matlet.2023.135289

2264	Eswaramoorthy N., Rajendran S., Elangovan V., Kumar Bhunia S., Pitchaiya S., Rajaram K.	Surface oxidized Ti3C2 MXene: Lead-free Cs2AgBiBr6 double perovskite solar cell efficiency enhanced by interfacial engineering	Materials Letters	352				3	10.1016/j.matlet.2023 .135167
2265	Kaur R., Suresh P.K.	Chemoresistance Mechanisms in Non-Small Cell Lung Cancer—Opportunities for Drug Repurposing	Applied Biochemistry and Biotechnology					3	10.1007/s12010-023- 04595-7
2266	Talukder P., Chanda S., Chaudhuri B., Choudhury S.R., Saha D., Dash S., Banerjee A., Chatterjee B.	CRISPR-Based Gene Editing: a Modern Approach for Study and Treatment of Cancer	Applied Biochemistry and Biotechnology					3	10.1007/s12010-023- 04708-2
2267	Charlapally S.S., Biswal Y., Nayak G.M., Chinnadurai K., Balusamy S., Kasianantham N.	Investigation on Flame and Spray Characteristics of Butanol and Lemon Peel Oil Blends With Gasoline Using Optical Engine	Journal of Energy Resources Technology, Transactions of the ASME	145	12			3	10.1115/1.4062827
2268	Babu K.V., Das P., Das S., Almawgani A.H.M., Islam T., Alhawari A.R.H.	Design of graphene-based broadband metamaterial absorber with circuit analysis approach for Terahertz Region applications	Optical and Quantum Electronics	55	13			3	10.1007/s11082-023- 05489-y
2269	Kiran A., Renjith P.N., Gupta S., Ambala S., Raju P.S., Sriramsetti D.	Distributed computing and big data techniques for efficient fault detection and data management in wireless networks	Optical and Quantum Electronics	55	13			3	10.1007/s11082-023- 05502-4
2270	Renjith P.N., Sujatha G., Vinoth M., Vignesh G.D., Prabhu M.R., Mouleswararao B.	Deep reinforcement learning for comprehensive route optimization in elastic optical networks using generative strategies	Optical and Quantum Electronics	55	13			3	10.1007/s11082-023- 05501-5

2271	Rajesh M., Vengatesan K., Aly M.H., Sitharthan R., Dhanabalan S.S., Karthikeyan M.	Electrical and optical properties of sol-gel-deposited NiO films and corresponding response to annealing temperature	Optical and Quantum Electronics	55	13			3	10.1007/s11082-023-05254-1
2272	Deepa P., Aarthi R., Kalainathan S., Raja C.R.	Interpretation of structural and spectroscopic characteristics of 4-methylbenzylammonium hydrogen maleate (4MBAHM): a novel organic crystal	Optical and Quantum Electronics	55	13			3	10.1007/s11082-023-05449-6
2273	Aggarwal K., Renjith P.N., Udayakumar P., Thyagarajan K., Sherly Puspha Annabel L., Jayachitra S.	Enhancing quality of service in wireless systems using iterative weighted least squares with fuzzy logic integration algorithm	Optical and Quantum Electronics	55	12			3	10.1007/s11082-023-05295-6
2274	Anandan S., Vani D., Gupta P., Krishnan P.	A low loss hexagonal six-port optical circulator using silicon photonic crystal	Optical and Quantum Electronics	55	12			3	10.1007/s11082-023-05335-1
2275	Patro K.K., Allam J.P., Sanapala U., Marpu C.K., Samee N.A., Alabdulhafith M., Plawiak P.	An effective correlation-based data modeling framework for automatic diabetes prediction using machine and deep learning techniques	BMC Bioinformatics	24	1			3	10.1186/s12859-023-05488-6
2276	Singh A.K., Kumar J.	On the evaluation of field emission parameters of V2O5 and TiO2 nanostructure cathodes	Nano Express	4	3			3	10.1088/2632-959X/acefe7
2277	Muthukumar J., Chidambaram R.	Development of sulfated polysaccharide-based film reinforced with seaweed biomass-derived nanofillers	Journal of Applied Polymer Science					3	10.1002/app.54807

2278	Basu S., Veeraraghavan B., Anbarasu A.	Impact of PmrB mutations on clinical Klebsiella pneumoniae with variable colistin-susceptibilities: Structural insights and potent therapeutic solutions	Chemical Biology and Drug Design					3	10.1111/cbdd.14381
2279	Selvaraj R., Amali D G.B.	Accurate classification of land use and land cover using a boundary-specific two-level learning approach augmented with auxiliary features in Google Earth Engine	Environmental Monitoring and Assessment	195	11			3	10.1007/s10661-023-11903-5
2280	Gaikadi S., Selvaraj V.K.	Allometric model based estimation of biomass and carbon stock for individual and overlapping trees using terrestrial LiDAR	Modeling Earth Systems and Environment					3	10.1007/s40808-023-01864-6
2281	Sharma N., Vuppu S.	The utilization of natural eco-benign sources for sustainable management to preserve hides and docking analysis of identified potential phytochemicals	Environmental Monitoring and Assessment	195	11			3	10.1007/s10661-023-11857-8
2282	Lawrence J.J., Shanmuganathan V., Manoharan R., Ramachandran S., Aly M.H., Chakrabarti P.	Next generation WDM-radio over fiber passive optical network: deep neural network based performance analysis	Optical and Quantum Electronics	55	14			3	10.1007/s11082-023-05455-8
2283	Anu P., Renjith P.N., Agarkar A.A., Kousalya A., Sonker A., Gundu V.	Intelligent root cause detection in Industry 4.0: a secure cross-validation of blockchain architecture for product failure checker	Optical and Quantum Electronics	55	14			3	10.1007/s11082-023-05479-0

2284	Sumathi K., Manian R.	Bioremediation of polycyclic aromatic hydrocarbons contaminated soils: recent progress, perspectives and challenges	Environmental Monitoring and Assessment	195	12			3	10.1007/s10661-023-12042-7
2285	Uma Maheswari J.; Somasundaram S.K.; Sivakumar P.	Hybrid optimization enabled secure privacy preserved data sharing based on blockchain	Wireless Networks					3	10.1007/s11276-023-03588-y
2286	Senthilkumar G.; Tamilarasi K.; Periasamy J.K.	Cloud intrusion detection framework using variational auto encoder Wasserstein generative adversarial network optimized with archerfish hunting optimization algorithm	Wireless Networks					3	10.1007/s11276-023-03571-7
2287	Kavitha P.; Ayyappan G.; Jayagopal P.; Mathivanan S.K.; Mallik S.; Al-Rasheed A.; Alqahtani M.S.; Soufiene B.O.	Detection for melanoma skin cancer through ACCF, BPPF, and CLF techniques with machine learning approach	BMC Bioinformatics	24	1			3	10.1186/s12859-023-05584-7
2288	Bangali H.; Rodrigues P.; Pandimurugan V.; Rajasoundaran S.; Kumar S.V.N.S.; Selvi M.; Kannan A.	Prediction of middle box-based attacks in Internet of Healthcare Things using ranking subsets and convolutional neural network	Wireless Networks					3	10.1007/s11276-023-03603-2
2289	Sahu H.K.; Panda P.K.; Vadrevu S.; Biswal M.	Performance analysis of SWIPT based dynamic smart grid neighbourhood area network with space shift keying modulation	Wireless Networks					3	10.1007/s11276-023-03601-4

2290	Kumar A.P.; Rukmini S.	Technology, the latent conqueror: an experimental study on the perception and awareness of technological determinism featuring select sci-fi films and AI literature	AI and Society					3	10.1007/s00146-023-01763-5
2291	Rizwan M.; Shaik A.H.; Rahaman A.; Patro T.U.; Rahaman M.; Periyasami G.; Chandan M.R.	Nano-BN/Nano-TiO <sub>2</sub> and micro Mg(OH) <sub>2</sub> loaded hybrid ethylene propylene diene monomer elastomer composites for outdoor high-voltage insulation application	Journal of Applied Polymer Science					3	10.1002/app.55109
2292	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
2293	Ravisankar N.K., Rajasabai S.P.	Large magnetocaloric effect in DO <sub>3</sub> -type Fe <sub>3</sub> Al alloys	Physica B: Condensed Matter	651				2.988	10.1016/j.physb.2022.414585
2294	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.2022.414581
2295	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.2022.414409

2296	Joshi H., Ruban Kumar A.	Divalent cation substitution impact on the properties of strontium aluminium hexaferrite (SrAl <sub>2</sub> Fe <sub>10</sub> O <sub>19</sub> )	Physica B: Condensed Matter	664				2.988	10.1016/j.physb.2023.415018
2297	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
2298	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
2299	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.diagmicrobio.2022.115878
2300	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
2301	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

2302	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
2303	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
2304	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	10.1155/2023/4717 905
2305	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
2306	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_261 4_22



2307	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
2308	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
2309	Raja B., Thaiparambil N.A., Kariyanna B., Radhakrishnan V., Raja S.	Antiviral activity of Turbinaria ornata against white spot syndrome virus in freshwater crab (Paratelphusa hydrodromous)	Aquaculture International					2.953	10.1007/s10499-023-01075-x
2310	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
2311	Mondal H., Chandrasekaran N., Mukherjee A., Thomas J.	Antibacterial activity of Bacillus licheniformis isolated from marine sediments and its effect in treating Aeromonas hydrophila infection in freshwater prawn, Macrobrachium rosenbergii	Aquaculture International					2.953	10.1007/s10499-023-01121-8

2312	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
2313	Rajasekaran J., Viswanathan P.	Anti-bacterial and antibiofilm properties of seaweed polysaccharide-based nanoparticles	Aquaculture International					2.953	10.1007/s10499-023- 01111-w
2314	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
2315	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
2316	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
2317	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

2318	Kumar P.S.S.R., Mashinini P.M., Sudhagar P.E., Natarajan A.	Vibration Behavior of AA5083 – Aluminosilicate sub- $\mu$ Composite at Different Temperature Condition	Silicon					2.941	10.1007/s12633-023- 02310-z
2319	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
2320	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
2321	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

2322	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
2323	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
2324	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
2325	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
2326	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
2327	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/sym150100 18

2328	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
2329	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
2330	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
2331	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
2332	Yellamma, Narayanappa M., Udhayakumar R., Almarri B., Ramakrishna S., Elshenhab A.M.	The Impact of Heat Source and Temperature Gradient on Brinkman–Bénard Triple-Diffusive Magneto-Marangoni Convection in a Two-Layer System	Symmetry	15	3			2.94	10.3390/sym15030644
2333	Augustine T., Santiago R.	On Neighborhood Degree-Based Topological Analysis over Melamine-Based TriCF Structure	Symmetry	15	3			2.94	10.3390/sym15030635

2334	Vijaya K., Murugusundaramoort hy G.	Bi-Starlike Function of Complex Order Involving Mathieu-Type Series Associated with Telephone Numbers	Symmetry	15	3			2.94	10.3390/sym150306 38
2335	Gruszecki L., Lecko A., Murugusundaramoort hy 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/sym150408 75
2336	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/sym150511 02
2337	Puthanpurakkal A., Ramachandran S.	Study on Structural Properties of Brain Networks Based on Independent Set Indices	Symmetry	15	5			2.94	10.3390/sym150510 32
2338	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
2339	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

2340	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
2341	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	10.1080/15567036.2 023.2172099
2342	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	10.1080/15567036.2 023.2183282
2343	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	10.1080/15567036.2 023.2202624
2344	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

2345	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	10.1080/15567036.2023.2217110
2346	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	10.1080/15567036.2023.2218833
2347	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
2348	Varun Bose C.S., Udhayakumar R.	Approximate controllability of $\Psi$ -Caputo fractional differential equation	Mathematical Methods in the Applied Sciences					2.9	10.1002/mma.9523
2349	Fakraoui O., Hammami H., Naveen J., Jawaid M., Kallel A.	Evolution of dielectric properties of Kevlar/epoxy laminated composites after hybridization by naturally woven Coco Nucifera sheaths	Journal of Composite Materials					2.9	10.1177/00219983231181943



2350	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
2351	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
2352	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
2353	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
2354	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
2355	Verma M., Routray S.R., Sahoo G.S., Mishra G.P.	GaAs <sub>0.95</sub> P <sub>0.05</sub> 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
2356	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

2357	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
2358	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
2359	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
2360	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
2361	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

2362	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
2363	Gayathri G.A., Kavya P., Ashwini D., Chakraborty E., Ahmed I.A., Mahalingam G.	Vitexin isolated from Acanthus ilicifolius L. leaf enhances GLUT-4 translocation in experimental diabetic rats	Aquaculture International					2.9	10.1007/s10499-023-01235-z
2364	Karthik T., Jayasri M.A.	Exploration of biostimulant property of seaweed liquid extract (SLE) on the growth development and yield of Solanum lycopersicum (Tomato)	Aquaculture International					2.9	10.1007/s10499-023-01252-y
2365	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 <sub>2</sub> O Casson Nanofluid Across a Vertical Plate	Arabian Journal for Science and Engineering					2.9	10.1007/s13369-023-08112-0
2366	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

2367	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
2368	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
2369	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
2370	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
2371	Mohan Raja M., Vijayakumar V., Veluvolu K.C.	An analysis on approximate controllability results for impulsive fractional differential equations of order $1 < r < 2$ with infinite delay using sequence method	Mathematical Methods in the Applied Sciences					2.9	10.1002/mma.9657

2372	Mohapatra S., Mohapatra P.	An Improved Golden Jackal Optimization Algorithm Using Opposition-Based Learning for Global Optimization and Engineering Problems	International Journal of Computational Intelligence Systems	16	1			2.9	10.1007/s44196-023-00320-8
2373	Rajesh J.V., Giridharan A.	Exploring the influence of powder particles in dielectric liquid of EDM: pulse train, discharge energy, material removal rate and surface topography	Physica Scripta	98	10			2.9	10.1088/1402-4896/acf253
2374	Frasin B.A., Oluwayemi M.O., Porwal S., Murugusundaramoorthy G.	Harmonic functions associated with Pascal distribution series	Scientific African	21				2.9	10.1016/j.sciaf.2023.e01876
2375	Mylsamy G., Krishnasamy P.	Influence of electroless NiP/graphene coating on treated woven ramie fiber and its characterization	Physica Scripta	98	9			2.9	10.1088/1402-4896/acf0f6
2376	Kao A.B., Hund A.K., Santos F.P., Young J.-G., Bhat D., Garland J., Oomen R.A., McCreery H.F.	Opposing Responses to Scarcity Emerge from Functionally Unique Sociality Drivers	American Naturalist	202	3	302	321	2.9	10.1086/725426
2377	Jaikrishna M A., Naveen Venkatesh S., Sugumaran V., Dhanraj J.A., Velmurugan K., Sirisamphanwong C., Ngoenmeesri R., Sirisamphanwong C.	Transfer learning-based fault detection in wind turbine blades using radar plots and deep learning models	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	45	4	10789	10801	2.9	10.1080/15567036.2023.2246400

2378	Kumari N., Kumar M., Chaudhary N., Zhang B., Radha, Chandran D., Joshi S., Singh D., Dey A., Rajalingam S., Natarajan K., Muthukumar M., Mohankumar P., Sheri V., Dhumal S., Lorenzo J.M.	Exploring the Chemical and Biological Potential of Jamun ( <i>Syzygium cumini</i> (L.) Skeels) Leaves: A Comprehensive Review	Chemistry and Biodiversity	20	9			2.9	10.1002/cbdv.202300479
2379	Geerthana S., Sridarshini T., Syedakbar S., Nithya S., Balaji V.R., Thirumurugan A., Dhanabalan S.S.	A novel 2D-PhC based ring resonator design with flexible structural defects for CWDM applications	Physica Scripta	98	10			2.9	10.1088/1402-4896/acfa43
2380	Aruna Kumari N., Bharath Sreenivasulu V., Singh J.	Analog and mixed circuit analysis of nanosheet FET at elevated temperatures	Physica Scripta	98	10			2.9	10.1088/1402-4896/acf73f
2381	Govind K.R.A., Mahapatra S., Mahapatro S.R.	An $H_{\infty}$ Robust Decentralized PID Controller Design for Multi-Variable Chemical Processes Using Loop Shaping Technique	Arabian Journal for Science and Engineering					2.9	10.1007/s13369-023-08348-w
2382	Unnikrishnan P.S., Suthindhiran K., Jayasri M.A.	Effect of marine red algal ( <i>Portieria hornemannii</i> ) extracts on starch digestion rate and its possible role in diabetes management	Aquaculture International					2.9	10.1007/s10499-023-01311-4
2383	Vignesh R., Rahim A.A.	Multi-response Optimization of Fiber-Reinforced-Shaped Synthetic Aggregate Concrete	Arabian Journal for Science and Engineering					2.9	10.1007/s13369-023-08305-7

2384	Mondal H., Vaishnavi S., Pearl B.S., Sharmila U., Thomas J., Sugumar V., Sugumar M., Chandrasekaran N., Mukherjee A.	Development of bioactive feed from a marine based Actinomycete, Bacillus licheniformis for treating Aeromonas hydrophila infection in freshwater prawn, Macrobrachium rosenbergii	Aquaculture International					2.9	10.1007/s10499-023-01321-2
2385	Babu G., Das A., Chakrabarty A., Chowdhury G., Goswami M.	Criegee Intermediate-Mediated Oxidation of Dimethyl Disulfide: Effect of Formic Acid and Its Atmospheric Relevance	Journal of Physical Chemistry A	127	40	8415	8426	2.9	10.1021/acs.jpca.3c04730
2386	Naveen S., Parthiban V.	Qualitative analysis of variable-order fractional differential equations with constant delay	Mathematical Methods in the Applied Sciences					2.9	10.1002/mma.9789
2387	Haq A., Sukavanam N.	Approximate controllability of higher order Riemann–Liouville fractional systems via cosine family	Mathematical Methods in the Applied Sciences					2.9	10.1002/mma.9761
2388	Venkatakrishnan P., Palanisamy P.	A state-of-the-art review on advancements in phase change material encapsulation techniques for electronics cooling	Physica Scripta	98	11			2.9	10.1088/1402-4896/ad0000
2389	Kalaivani V.; Kagola U.K.; Rajeswari P.V.; Kaleemulla S.; Praveena R.; Vijaya N.	Pure red upconverted and near-infrared luminescence properties of Er <sup>3+</sup> -doped SnO <sub>2</sub> nanocrystals for lighting applications	Luminescence					2.9	10.1002/bio.4636
2390	Vivek S.; Vijayakumar V.	New discussion on optimal feedback control for Caputo fractional neutral evolution systems governed by hemivariational inequalities	Mathematical Methods in the Applied Sciences					2.9	10.1002/mma.9794

2391	Singh N.K.; Kashyap G.	Unimodular Theory of Gravity in Light of the Latest Cosmological Data	Universe	9	11			2.9	10.3390/universe9110469
2392	Jeevitha G.C.; Ramamoorthy S.; Ahmad F.; Saravanan R.; Haque S.; Capanoglu E.	Recent advances in extraction methodologies for the valorization of mango peel wastes	International Journal of Food Properties	26	2	3492	3511	2.9	10.1080/10942912.2023.2281255
2393	Venkatesan S.; Chanda K.; Balamurali M.M.	An in silico approach to investigate the theranostic potential of coumarin-derived self-immolative luminescent probes	Chemistry and Biodiversity					2.9	10.1002/cbdv.202301400
2394	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
2395	Muturatnam A.B., Sridharan N.V., Sreelatha A.P., Vaithyanathan S.	Enhanced Tyre Pressure Monitoring System for Nitrogen Filled Tyres Using Deep Learning	Machines	11	4			2.899	10.3390/machines11040434
2396	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/systems11010012
2397	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/systems11020081



2398	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/systems11050262
2399	Jain P., Sudandiradoss C.	Andrographolide-based potential anti-inflammatory transcription inhibitors against nuclear factor NF-kappa-B p50 subunit (NF-kB p50): an integrated molecular and quantum mechanical approach	3 Biotech	13	1			2.893	10.1007/s13205-022-03431-9
2400	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
2401	Nithiyanandam 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

2402	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
2403	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
2404	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
2405	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
2406	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
2407	Nancy A., Balakrishnan S.	Concatenated deleting machines and their characteristics	Communications in Theoretical Physics	75	3			2.877	10.1088/1572-9494/acb3b4
2408	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

2409	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
2410	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
2411	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
2412	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
2413	Sharma N., Vuppu S.	Computational Modelling and Molecular Docking of Industrial Leather Enzymes	Molecular Biotechnology					2.86	10.1007/s12033-023-00689-z

2414	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
2415	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
2416	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
2417	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
2418	Mahesan 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
2419	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

2420	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
2421	Kareemulla S., Kumar V.	Diversity performance of band notched ultra-wideband MIMO antenna	Optik	272				2.840	10.1016/j.ijleo.2022.170128
2422	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
2423	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
2424	Nithyanandam V., Sampath V.	Approach-Based Analysis on Wireless Power Transmission for Bio-Implantable Devices	Applied Sciences (Switzerland)	13	1			2.838	10.3390/app13010415
2425	Nallakaruppan M.K., Johri I., Somayaji S., Bhatia S., Malibari A.A., Alabdali A.M.	Secured MCDM Model for Crowdsourcing Business Intelligence	Applied Sciences (Switzerland)	13	3			2.838	10.3390/app13031511
2426	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/app13031950

2427	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/app13020906
2428	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/app13021210
2429	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/app13021173
2430	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/app13052801
2431	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/app13053223
2432	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/app13053281

2433	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/app13053116
2434	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/app13042549
2435	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/app13052885
2436	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/app13053210
2437	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
2438	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

2439	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/app130634 33
2440	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/app130639 43
2441	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/app130636 21
2442	Hegde P., Maddikunta P.K.R.	Secure PBFT Consensus-Based Lightweight Blockchain for Healthcare Application	Applied Sciences (Switzerland)	13	6			2.838	10.3390/app130637 57
2443	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
2444	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



2445	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/app13085057
2446	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
2447	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
2448	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

2449	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
2450	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
2451	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
2452	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
2453	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
2454	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

2455	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
2456	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
2457	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
2458	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
2459	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
2460	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

2461	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
2462	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
2463	Srikanth A., Bolleddu V.	Characteristics of reduced graphene oxide (rGO) mixed HVOF-sprayed nanostructured coatings	Surface Engineering					2.8	10.1080/02670844.2023.2232967
2464	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
2465	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

2466	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
2467	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
2468	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
2469	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
2470	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

2471	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.202300430
2472	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
2473	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
2474	Aravindhan 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
2475	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
2476	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
2477	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.SPIN.2340

2478	Shaji A., Jayasri M.A.	A review of the role of liposome-encapsulated phytochemicals targeting PPAR $\gamma$ and associated pathways to combat obesity	3 Biotech	13	9			2.8	10.1007/s13205-023-03740-7
2479	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
2480	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
2481	Mario J.S., Alam P.	A multi-layered model of Newtonian viscous liquid, fiber-reinforced and poro-elastic media over a self-weighted half-space to investigate the SH-wave interactions	Mechanics of Advanced Materials and Structures					2.8	10.1080/15376494.2023.2256537
2482	Jithendra T., Basha S.S.	Analyzing groundwater level with hybrid ANN and ANFIS using metaheuristic optimization	Earth Science Informatics					2.8	10.1007/s12145-023-01097-2
2483	Sakthi I., Das R., Reddy P.B.A.	Entropy generation on MHD flow of second-grade hybrid nanofluid flow over a converging/diverging channel: an application in hyperthermia therapeutic aspects	European Physical Journal: Special Topics					2.8	10.1140/epjs/s11734-023-00947-w

2484	Ghosh R., Sarkhel S., Saha P.	MoS <sub>2</sub> -Based Dual-Gate mosfet as Ultrasensitive SARs-CoV-2 Biosensor for Rapid Screening of Respiratory Syndrome	IEEE Sensors Letters	7	11			2.8	10.1109/LENS.2023.3321012
2485	Infantiya S.G., Aslinjensipriya A., Reena R.S., Pious K.J., Sivakumar P., Raj C.J., Das S.J.	Probing the structural and electrical traits of lead-free Zn/Mn co-substituted CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> -based perovskite ceramics	Journal of Materials Science: Materials in Electronics	34	29			2.8	10.1007/s10854-023-11393-8
2486	Ramalingam P.S., Arumugam S.	Computational design and validation of effective siRNAs to silence oncogenic KRAS	3 Biotech	13	11			2.8	10.1007/s13205-023-03767-w
2487	Dubey A., Dasgupta T., Devaraji V., Ramasamy T., Sivaraman J.	Investigating anti-inflammatory and apoptotic actions of fucoidan concentrating on computational and therapeutic applications	3 Biotech	13	11			2.8	10.1007/s13205-023-03771-0
2488	Geetha R., Padmavathy C.	The Effect of Bring Your Own Bag on Pro-environmental Behaviour: Towards a Comprehensive Conceptual Framework	Vision					2.8	10.1177/09722629231195430
2489	Kareem S.A., Venugopal P.	The Effects of Website Quality, Review Ratings and Cewebrity Reviews on Online Booking Intention: A Serial Mediation Model	Vision					2.8	10.1177/09722629231198610
2490	Chakraborty S., Banerjee S.	Understanding crosstalk of organ tropism, tumor microenvironment and noncoding RNAs in breast cancer metastasis	Molecular Biology Reports					2.8	10.1007/s11033-023-08852-0



2491	Abdulkadir R.A., Hasan M.K., Islam S., Gadekallu T.R., Pandey B., Safie N., Syväjärvi M., Nasor M.	Novel residual hybrid machine learning for solar activity prediction in smart cities	Earth Science Informatics					2.8	10.1007/s12145-023-01130-4
2492	Balakrishnan C., Manonmani M., Santhamoorthy M., Vinitha G., Meenakshisundaram S.P.	Synthesis, crystal structure, and third-order NLO properties of a new supramolecular cocrystals of 18-crown-6 with 5-amino-2,4,6-triiodoisophthalic acid	Journal of Materials Science: Materials in Electronics	34	33			2.8	10.1007/s10854-023-11635-9
2493	Sudhakar G., Rajan Babu D.	Influence of Sm doping on the optical, mechanical, electrical, thermal and z-scan analysis of sulphamic acid single crystal for nonlinear optical device applications	Journal of Materials Science: Materials in Electronics	34	32			2.8	10.1007/s10854-023-11503-6
2494	Johnson V., Gandhiraj V.	Enhanced nonlinear characteristics of polymer-perovskite hybrid (PVA/CMC/LaAlO <sub>3</sub> ) fabricated via solution casting process for optical limiting applications	Journal of Materials Science: Materials in Electronics	34	31			2.8	10.1007/s10854-023-11533-0
2495	Polit O., Balaji L., Asha Kumar M., Manickam G.	Buckling of constant/variable stiffness curved arbitrary layup composite beams by renewed constitutive relations-based sine finite element with improved in-plane and transverse responses	Mechanics of Advanced Materials and Structures					2.8	10.1080/15376494.2023.2263241

2496	Bhat Y., Thrishna M.R., Banerjee S.	Molecular targets and therapeutic strategies for triple-negative breast cancer	Molecular Biology Reports					2.8	10.1007/s11033-023-08868-6
2497	Solanki K.; Kumar A.; Khan M.S.; Karthikeyan S.; Atre R.; Zhang K.Y.J.; Bezsonov E.; Obukhov A.G.; Baig M.S.	Novel peptide inhibitors targeting CD40 and CD40L interaction: A potential for atherosclerosis therapy	Current Research in Structural Biology	6				2.8	10.1016/j.crstbi.2023.100110
2498	Thomas A.; Thirumalaisamy L.; Madanagurusamy S.; Sivaperuman K.	Tuning the electrical and room-temperature gas sensing properties of transparent ZnO thin films through Mo doping	Journal of Materials Science: Materials in Electronics	34	36			2.8	10.1007/s10854-023-11707-w
2499	Elavarasan P.; Kannadasan S.; Shanmugam P.	I2/CAN as a Mild and Efficient Reagent for Oxidative Csp3-Csp2 Cleavage of 3,3'-Bis-7-azaindolyImethane: A Rapid One-Pot Access to 3-Formyl and 3-Iodo-7-azaindoles	European Journal of Organic Chemistry					2.8	10.1002/ejoc.202300825
2500	Prasad Sharma V.; Kumar V.; Sonker P.; Yadav P.; Singh R.; Gnanasekaran R.; Kumar Tewari A.	Utilizing Baylis–Hillman Adducts Followed by Michael Addition/Elimination Reaction for the Synthesis of Unusual Conformationally Stable Molecules Governed by Aromatic Interactions	European Journal of Organic Chemistry	26	48			2.8	10.1002/ejoc.202301109
2501	Das P.K.; Sahu A.; Xavy D.V.; Meher S.	A Deforestation Detection Network Using Deep Learning-Based Semantic Segmentation	IEEE Sensors Letters			1	4	2.8	10.1109/LENS.2023.3340562

2502	Dhiwahar A.T.; Revathi S.; Basith N.M.; Rajabathar J.R.; Al-Lohaedan H.; Kamalakannan M.; Sundararajan M.; Dash C.S.; Srimathi R.; Nair G.S.; Karnan M.; Rajadurai L.	Investigation of Visible Light Driven Photocatalytic Activity of Mn Doped CuFe <sub>2</sub> O <sub>4</sub> Nanoparticles	Journal of Cluster Science					2.8	10.1007/s10876-023-02508-6
2503	Tejasree G.; L A.	A novel multi-class land use/land cover classification using deep kernel attention transformer for hyperspectral images	Earth Science Informatics					2.8	10.1007/s12145-023-01109-1
2504	Jayachandiran G.; Ramamoorthy M.	Advancements in manufacturing and vibration analysis of functionally graded polymer composites: A review	Mechanics of Advanced Materials and Structures					2.8	10.1080/15376494.2023.2289086
2505	Jagan M.; Vijayachamundeeswari S.P.	The significance of fillers in composite polymer electrolytes for optimizing lithium battery	Ionics					2.8	10.1007/s11581-023-05318-y
2506	Srikanth M.; Rasool M.	Resistin–A Plausible Therapeutic Target in the Pathogenesis of Psoriasis	Immunological Investigations					2.8	10.1080/08820139.2023.2288836
2507	R S.D.; Perumandla S.	Do individuals' resist green home investment decisions? An empirical study from status quo bias and inertia perspective	Frontiers in Sustainable Cities	5				2.8	10.3389/frsc.2023.1295357

2508	Thalakottukara D.D.; Gandhi T.	Vinylene Carbonate as Latent Formylmethyl Surrogate: The Expediency of Ruthenium(II) Catalysis in Accessing Arylacetaldehydes, Arylacetates and Acetals	European Journal of Organic Chemistry					2.8	10.1002/ejoc.202300847
2509	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
2510	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
2511	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
2512	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

2513	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
2514	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.20220 1145
2515	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
2516	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
2517	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

2518	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
2519	Kumar B.S., Umamahesvari H., Thyagarajan K., Ankoji P., Vijayakanth V.	Structural and photoluminescence properties of Dy <sup>3+</sup> -doped KMgBO <sub>3</sub> phosphors	Journal of Materials Science: Materials in Electronics	34	7			2.779	10.1007/s10854-023-09974-8
2520	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
2521	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
2522	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

2523	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
2524	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
2525	Mary B.C.J., Vijaya J.J., Bououdina M., Kennedy L.J., Khezami L., Modwi A.	Adsorption ability of aqueous lead (II) by NiFe <sub>2</sub> O <sub>4</sub> and 2D-rGO decorated NiFe <sub>2</sub> O <sub>4</sub> nanocomposite	Journal of Materials Science: Materials in Electronics	34	9			2.779	10.1007/s10854-023-10237-9
2526	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

2527	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
2528	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
2529	Upadhyay R., Shukla M., Pandey R.K., Upadhyay C.	Effect of Mn doping on the electronic and optical properties of Dy <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> : 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
2530	Senthilnathan R., Ilangovan 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
2531	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



2532	Srivastava H.M., Shaba T.G., Murugusundaramoorthy G., Wanas A.K., Oros G.I.	The Fekete-Szegő 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
2533	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
2534	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
2535	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
2536	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
2537	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
2538	Mani G., Gnanaprakasam A.J., Varadharajan V., Jarad F.	Solving an integral equation via orthogonal neutrosophic rectangular metric space	AIMS Mathematics	8	2	3791	3825	2.739	10.3934/math.2023 189

2539	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
2540	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
2541	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
2542	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
2543	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
2544	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

2545	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
2546	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
2547	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
2548	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
2549	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
2550	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	10.1080/17597269.2023.2167270

2551	Venkatachalam N., Duraisamy S.	ASPEN plus modelling of air-CO <sub>2</sub> and air-steam-CO <sub>2</sub> gasification of Parthenium hysterophorus for hydrogen and carbon monoxide rich syngas production	Biofuels					2.731	10.1080/17597269.2023.2190571
2552	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	10.1080/17597269.2023.2221968
2553	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
2554	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
2555	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
2556	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

2557	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
2558	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
2559	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
2560	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
2561	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
2562	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
2563	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

2564	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
2565	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/app131271 28
2566	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
2567	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
2568	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
2569	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

2570	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
2571	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
2572	Sujatha R., Mahalakshmi K., Chatterjee J.M.	Implementing deep-learning techniques for accurate fruit disease identification	Plant Pathology					2.7	10.1111/ppa.13783
2573	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 Bi <sup>3+</sup> and Potential Applications	Journal of Fluorescence					2.7	10.1007/s10895-023- 03315-y
2574	Singh Chauhan S., Mohan Murari B.	Fluorescence Spectroscopic Studies to Evaluate Binding Interaction between Hoechst 33258 and Bilirubin	Journal of Fluorescence					2.7	10.1007/s10895-023- 03440-8
2575	El Bakri Y., Mohamed S.K., Ahsin A., Karthikeyan S., Abuelhassan S., Abdel- Rahman A.E., Marae I.S., Bakhite E.A., Mague J.T., Al-Salahi R.	Synthesis, Crystal Growth, and Computational Investigation of New Tetrahydroisoquinoline Derivatives Potent against Molecule Nitric Oxide Synthases	Crystals	13	8			2.7	10.3390/cryst1308116 1

2576	Chakrapani G., Naveen Venkatesh S., Aravinth S., Sugumaran V.	Transfer Learning-Based Fault Diagnosis of Single-Stage Single-Acting Air Compressor	Journal of Vibration Engineering and Technologies					2.7	10.1007/s42417-023-01128-8
2577	Sakthi Balan G., Aravind Raj S., Shahar F.S., Hameed Sultan M.T.	Tailoring polymer composites for critical thermal applications: a review on fibers, additives, coatings, aerogels, test methodologies	Polymer-Plastics Technology and Materials	62	16	2221	2254	2.7	10.1080/25740881.2023.2252919
2578	Stefa S., Zografaki M., Dimitropoulos M., Paterakis G., Galiotis C., Sangeetha P., Kiriakidis G., Konsolakis M., Binas V.	High surface area g-C3N4 nanosheets as superior solar-light photocatalyst for the degradation of parabens	Applied Physics A: Materials Science and Processing	129	11			2.7	10.1007/s00339-023-07032-y
2579	Khan M.R., Khan M.S., Manoharan R., Karthikeyan S., Alhosaini K., Odeibat H.A.M., Ahmad M.I., Al-Okail M., Al-twaijry N.	Inhibitory Potential of Carnosine and Aminoguanidine Towards Glycation and Fibrillation of Albumin: In-vitro and Simulation Studies	Journal of Fluorescence					2.7	10.1007/s10895-023-03485-9
2580	Hojbota C.I., Mirzaie M., Kim D.Y., Pak T.G., Rezaei-Pandari M., Pathak V.B., Jeon J.H., Yoon J.W., Sung J.H., Lee S.K., Kim C.M., Kim K.-Y., Nam C.H.	High-energy betatron source driven by a 4-PW laser with applications to non-destructive imaging	European Physical Journal A	59	10			2.7	10.1140/epja/s10050-023-01159-5
2581	Collin S.M., Augustine J., Abraham J., Sasikumar S.	Thermo-mechanical stability and antibacterial activity of merwinite derived from different fuels	Journal of Materials Research					2.7	10.1557/s43578-023-01215-2



2582	Ganganwar V., Rajalakshmi R.	Employing synthetic data for addressing the class imbalance in aspect-based sentiment classification	Journal of Information and Telecommunication					2.7	10.1080/24751839.2023.2270824
2583	Venkatesan P., Alam P.	A multi-layered model of poroelastic, HSTI, and inhomogeneous media to study the Love-type wave propagation due to an impulsive point source: a Green's function approach	Acta Mechanica					2.7	10.1007/s00707-023-03760-7
2584	Amrutha S.L.; Christie L.G.	Neuroqueering sexuality: Learning from the life-writings of queer neurodivergent women	Sociology Compass					2.7	10.1111/soc4.13181
2585	Karthikeyan D.; Baskaran P.; Somasundaram S.K.; Sathya K.; Srithar S.	Smart COVIDNet: designing an IoT-based COVID-19 disease prediction framework using attentive and adaptive-derived ensemble deep learning	Knowledge and Information Systems					2.7	10.1007/s10115-023-02007-0
2586	Itapu S.; Borra V.; Selvendran S.	Microstructuring of cobalt (Co) thin films by UV laser irradiation	Applied Physics A: Materials Science and Processing	129	12			2.7	10.1007/s00339-023-07147-2
2587	Purohit A.; Pradhan P.; Gupta G.; Jena H.; Singh J.	Sliding wear characterization of epoxy composites filled with wood apple dust using Taguchi analysis and finite element method	Journal of Vinyl and Additive Technology					2.7	10.1002/vnl.22085
2588	Debroy R.; Ramaiah S.	Consolidated knowledge-guided computational pipeline for therapeutic intervention against bacterial biofilms - a review	Biofouling					2.7	10.1080/08927014.2023.2294763

2589	Aldawish I.; El-Deeb S.M.; Murugusundaramoorthy G.	Binomial Series-Confluent Hypergeometric Distribution and Its Applications on Subclasses of Multivalent Functions	Symmetry	15	12			2.7	10.3390/sym15122186
2590	Muthuvel K.; Gandhi T.	NHC-Catalyzed C3-Acylation of 2-Oxindoles by Selective Aerobic Oxidation of Aryl Aldehydes	Asian Journal of Organic Chemistry					2.7	10.1002/ajoc.202300599
2591	Muthukumaran V.; Sivakami R.; Venkatesan V.K.; Balajee J.; Mahesh T.R.; Mohan E.; Swapna B.	Optimizing Heterogeneity in IoT Infra Using Federated Learning and Blockchain-based Security Strategies	International Journal of Computers, Communications and Control	18	6			2.7	10.15837/ijccc.2023.6.5890
2592	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
2593	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
2594	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
2595	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

2596	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/electronics 12030742
2597	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
2598	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
2599	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
2600	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
2601	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

2602	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
2603	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
2604	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
2605	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
2606	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
2607	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

2608	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
2609	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/electronics 12040783
2610	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/electronics 12041062
2611	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/electronics 12040948
2612	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/electronics 12041020
2613	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/electronics 12061287

2614	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/electronics 12061501
2615	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/electronics 12061365
2616	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/electronics 12061458
2617	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/electronics 12081944
2618	K K., J V.	A meta heuristic optimization algorithm (Lion-BES-XGB) for water quality prediction	Urban Water Journal					2.675	10.1080/1573062X.2 023.2209558

2619	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/cryst13010 138
2620	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/cryst13010 131
2621	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
2622	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
2623	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

2624	Kwatra N., Abraham J.	Biom mineralization 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
2625	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	10.1177/14644207231155750
2626	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
2627	Kanapaakala G., Venkatesan S.	A review on various phases and alloy design methods of $\beta$ -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



2628	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
2629	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
2630	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
2631	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
2632	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
2633	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

2634	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
2635	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
2636	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
2637	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
2638	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
2639	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
2640	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

2641	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
2642	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
2643	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
2644	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
2645	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
2646	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
2647	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

2648	Mukherjee S., Dhar R., Jonnalagadda S., Gorai S., Nag S., Kar R., Mukerjee N., Mukherjee D., Vatsa R., Ariketh 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.2 023.2229537
2649	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/machines11 070711
2650	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/aerospace1 0070658
2651	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

2652	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
2653	Ramkumar A., Gandhi T.	Sustainable Ru(II)-Catalyzed ortho -C(sp <sup>2</sup> )-H Hydroxyalkylation of Phthalazinones Using Ethyl Glyoxalate: Access to $\alpha,\alpha'$ - Arylcarboxy sec -Alcohols	Synthesis (Germany)					2.6	10.1055/a-2114- 5426
2654	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
2655	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
2656	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
2657	Madhan V., Sudhakar M.S.	Automatic detection of sunspots from solar images using fractional-order derivatives and extraction of their attributes	Advances in Space Research					2.6	10.1016/j.asr.2023.08. 053

2658	Singh R.R., Bhatti G., Kalel D., Vairavasundaram I., Alsaif F.	Building a Digital Twin Powered Intelligent Predictive Maintenance System for Industrial AC Machines	Machines	11	8			2.6	10.3390/machines11080796
2659	Johnson D.R., Vaidhyanathan R.U.	Detection and localization of multi-scale and oriented objects using an enhanced feature refinement algorithm	Mathematical Biosciences and Engineering	20	8	15219	15243	2.6	10.3934/mbe.2023681
2660	Prasad Yadav D., Kumar D., Singh Jalal A., Kumar A., Bhatia Khan S., Gadekallu T.R., Mashat A., Malibari A.A.	Spectral–Spatial Features Exploitation Using Lightweight HResNeXt Model for Hyperspectral Image Classification [Exploitation des caractéristiques spectrales-spatiales à l’aide d’un modèle HResNeXt léger pour la classification d’images hyperspectrales]	Canadian Journal of Remote Sensing	49	1			2.6	10.1080/07038992.2023.2248270
2661	Sai S.A., Venkatesh S.N., Dhanasekaran S., Balaji P.A., Sugumaran V., Lakshmaiya N., Paramasivam P.	Transfer Learning Based Fault Detection for Suspension System Using Vibrational Analysis and Radar Plots	Machines	11	8			2.6	10.3390/machines11080778
2662	Pal S., Bhattacharya M., Dash S., Lee S.-S., Chakraborty C.	Future Potential of Quantum Computing and Simulations in Biological Science	Molecular Biotechnology					2.6	10.1007/s12033-023-00863-3

2663	Kamaraj S., Vuppu S.	Recent Review on the Extraction and Qualitative Assay of Cysteine and Other Amino Acids from Vellore Feather Waste and Molecular Docking Studies of Cysteine for Pharmacological Applications	Molecular Biotechnology					2.6	10.1007/s12033-023-00862-4
2664	Sherly Alphonse A., Abinaya S., Abirami S.	Alibaba and forty thieves algorithm and novel Prioritized Prewitt Pattern(PPP)-based convolutional neural network (CNN) using hyperspherically compressed weights for facial emotion recognition	Journal of Visual Communication and Image Representation	97				2.6	10.1016/j.jvcir.2023.103948
2665	Chennai Viswanathan P., Venkatesh S.N., Dhanasekaran S., Mahanta T.K., Sugumaran V., Lakshmaiya N., Paramasivam P., Nanjagoundenpalayam Ramasamy S.	Deep Learning for Enhanced Fault Diagnosis of Monoblock Centrifugal Pumps: Spectrogram-Based Analysis	Machines	11	9			2.6	10.3390/machines11090874
2666	Vaishnavi S., Prabhakar V.	A new approach to study the nonlinear energy transfer rate for an observed wave spectrum using splines	Journal of Marine Science and Technology (Japan)					2.6	10.1007/s00773-023-00965-2
2667	Gadekallu T.R., Kumar N., Baker T., Natarajan D., Boopathy P., Maddikunta P.K.R.	Moth–Flame Optimization based ensemble classification for intrusion detection in intelligent transport system for smart cities	Microprocessors and Microsystems	103				2.6	10.1016/j.micpro.2023.104935

2668	Sarkarai D., Desikan K.	QSPR/QSAR analysis of some eccentricity based topological descriptors of antiviral drugs used in COVID-19 treatment via $D\epsilon$ - polynomials	Mathematical Biosciences and Engineering	20	9	17272	17295	2.6	10.3934/mbe.2023769
2669	Kumar H., Manoharan A., Ramaiah S.	Unravelling the nsSNP mediated mechanism of antibiotic resistance in Salmonella enterica serovar Typhi and identification of potential therapeutic alternatives: A genomics and structural bioinformatics study	Clinical Epidemiology and Global Health	24				2.6	10.1016/j.cegh.2023.101407
2670	Ezhilarasi I.E., Clement J.C., Arul J.M.	A survey on cognitive radio network attack mitigation using machine learning and blockchain	Eurasip Journal on Wireless Communications and Networking	2023	1			2.6	10.1186/s13638-023-02290-z
2671	Sharma N., Vuppu S.	In Silico Study of Enzymatic Degradation of Bioplastic by Microalgae: An Outlook on Microplastic Environmental Impact Assessment, Challenges, and Opportunities	Molecular Biotechnology					2.6	10.1007/s12033-023-00886-w
2672	Mishra T., Kidie E., Vuppu S.	Microalgae-Based Disinfectant Formulation for Aseptic Processing of Ethiopian Ingredient-Sourced Functional Bread and Its Molecular Docking Analysis to Reduce Hypernatremia	Molecular Biotechnology					2.6	10.1007/s12033-023-00970-1



2673	Kumar D.S.R.S., Puthiran S.H., Selvaraju G.D., Matthew P.A., Senthilkumar P., Kuppusamy S., Mani R.R., Hatamleh A.A., Al-Dosary M.A., Chang S.W., Ravindran B.	Preparation and Characterization of Magnetite-Polyvinyl Alcohol Hybrid Nanoparticles (As-PVA-MNPs) Using Acanthophora spicifera Marine Algae Extract for Enhanced Antimicrobial Activity Against Pathogenic Microorganisms	Molecular Biotechnology					2.6	10.1007/s12033-023-00903-y
2674	Subramaniyan M., Pathak M.	Crystal structure, Hirshfeld surface analysis and DFT investigation of new aluminium(III) derivative: A prominent precursor of nano alumina for dye degradation and sensor material	Polyhedron	246				2.6	10.1016/j.poly.2023.116696
2675	Kumar P.V., Aravindraj K., Madhumitha G., Roopan S.M.	Recent Advances in the Light-assisted Synthesis of Ring Junction Nitrogen Heterocycles	Current Organic Chemistry	27	12	997	1009	2.6	10.2174/1385272827666230915101920
2676	Sarin C.R., Mani G., Stonier A.A., Peter G., Kumaresan P., Ganji V.	An extensive critique on expert system control in solar photovoltaic dominated microgrids	IET Renewable Power Generation					2.6	10.1049/rpg2.12875
2677	Regalla S.S.; Senthil Kumar N.	Effect of curing regimes on the rheological, mechanical, hydration and microstructure of ultra-high-performance concrete (UHPC) using indigenous resources: progress towards sustainable construction practices	Composite Interfaces					2.6	10.1080/09276440.2023.2295160

2678	Vijayakumar K.P.; Pradeep K.; Balasundaram A.; Dhande A.	R-CNN and YOLOV4 based Deep Learning Model for intelligent detection of weaponries in real time video	Mathematical Biosciences and Engineering	20	12	21611	21625	2.6	10.3934/mbe.2023956
2679	Chakraborty C.; Bhattacharya M.; Pal S.; Agoramoorthy G.	India's Quantum Move: From Budget Allocation, Action and Future Challenges	Molecular Biotechnology					2.6	10.1007/s12033-023-00975-w
2680	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/math11010159
2681	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/math11010183
2682	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/math11030776
2683	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/math11020285
2684	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/math11020457

2685	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
2686	Rajeshwari S., Rajesh M.	On Optimal Embeddings in 3- Ary n-Cubes	Mathematics	11	7			2.592	10.3390/math11071 711
2687	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
2688	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
2689	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
2690	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
2691	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

2692	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
2693	Wani S.A., Shaikh S., Alam P., Tamboli S., Zayed M., Dar J.G., Bhat M.Y.	An Algebraic Approach to the $\Delta h$ -Frobenius–Genocchi–Appell Polynomials	Mathematics	11	9			2.592	10.3390/math11092029
2694	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
2695	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
2696	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
2697	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
2698	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

2699	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
2700	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
2701	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
2702	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
2703	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
2704	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

2705	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
2706	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
2707	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
2708	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
2709	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
2710	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

2711	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
2712	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
2713	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
2714	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
2715	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
2716	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

2717	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
2718	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
2719	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
2720	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
2721	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
2722	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
2723	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



2724	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
2725	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
2726	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
2727	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
2728	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
2729	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
2730	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

2731	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
2732	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
2733	Vijay A., Hariharan M., Luis Cabellos J., Eithiraj R.D.	Exploring chemical bonding nature, weak exciton effect, electronic, optical and thermoelectric properties of NaReN <sub>2</sub> via DFT computations	Chemical Physics	571					2.552	10.1016/j.chemphys.2023.111942
2734	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
2735	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
2736	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
2737	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

2738	Rajendran D., Chandrasekaran N.	Molecular Interaction of Functionalized Nanoplastics with Human Hemoglobin	Journal of Fluorescence					2.525	10.1007/s10895-023- 03221-3
2739	Patel D.A., Anand T., Selvam P., Sahoo S.K.	Aggregation-induced Emission Active Naphthalimide Derived Schiff Base for Detecting Cu <sup>2+</sup> and Its Applications	Journal of Fluorescence					2.525	10.1007/s10895-023- 03287-z
2740	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
2741	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
2742	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
2743	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

2744	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
2745	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
2746	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
2747	Venkidasamy R., Elumalai T., Govindhasamy S., Tharmalingam S., Emmanuel Rajan J.J.S.	Synthesis of CaCO <sub>3</sub> nanocomposite from natural carbonate source and its effect on the inclusion of Eu <sup>3+</sup> ions for photocatalytic activity	Chemical Engineering Communications					2.5	10.1080/00986445.2 023.2233002
2748	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
2749	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

2750	Kumar A., Lee G., Thakre A., Patil D.R., Han G., Ryu J.	Low leakage current, enhanced energy storage, and fatigue endurance in room-temperature deposited (Pb <sub>0.93</sub> La <sub>0.07</sub> )(Zr <sub>0.82</sub> Ti <sub>0.18</sub> )O <sub>3</sub> thick films	Journal of the Korean Ceramic Society					2.5	10.1007/s43207-023-00322-4
2751	Kandasamy P., Kumar C., Lakshmanan M., Jaisiva S., Stonier A.A., Peter G., Ganji V.	Initial condition based real time classification of power quality disturbance using deep convolution neural network with bidirectional long short-term memory	IET Generation, Transmission and Distribution					2.5	10.1049/gtd2.13026
2752	Vigneshwaran P., Shaik S., Suresh S., Arici M., Afzal A.	Synthesis and Thermal Characterization of Solar Salt-Based Phase Change Composites with Graphene Nanoplatelets	Journal of Thermal Science					2.5	10.1007/s11630-023-1895-7
2753	Paunkumar P., Sasmal A., Nayak A.K., Babu S.G.	Facile room temperature synthesis of CoOOH for high-performance supercapacitor application: comparison with other metal oxyhydroxides (MOOH; M = Al, Mn or Fe)	Journal of Solid State Electrochemistry					2.5	10.1007/s10008-023-05741-1
2754	Joshi H., Ruban Kumar A.	Effect of Ni <sup>2+</sup> and Co <sup>2+</sup> substitution on the characteristics of the strontium aluminum hexaferrite (SrAl <sub>2</sub> Fe <sub>10</sub> O <sub>19</sub> )	Journal of Sol-Gel Science and Technology					2.5	10.1007/s10971-023-06245-0
2755	Shirsat S., Suthindhiran K.	Iron oxide nanoparticles as iron micronutrient fertilizer—Opportunities and limitations	Journal of Plant Nutrition and Soil Science					2.5	10.1002/jpln.202300203

2756	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
2757	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
2758	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
2759	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
2760	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
2761	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

2762	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
2763	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
2764	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
2765	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
2766	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

2767	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
2768	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
2769	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
2770	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
2771	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
2772	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



2773	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
2774	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
2775	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
2776	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
2777	Bhat A.M., Periasamy C., Poonia R., Varghese A., Shaf N., Tripathy S.	AlGaIn/GaN HEMT Based Ph Detection Using Atomic Layer Deposition of $\text{Al}_2\text{O}_3$ as Sensing Membrane and Passivation	IEEE Transactions on Nanotechnology			1	7	2.4	10.1109/TNANO.2023.33305360
2778	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

2779	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
2780	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
2781	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
2782	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

2783	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 $\alpha$ -Glucosidase Inhibitors: Molecular Docking and MDS Investigation	Polycyclic Aromatic Compounds					2.4	10.1080/10406638.2023.2247122
2784	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
2785	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
2786	Mohurle S., Vishnu Devi C., Pasuparth S.D., Talarla D., Kali V., Maiti B.	[BCMIM][Cl] ionic liquid catalyzed diastereoselective synthesis of $\beta$ -amino ketones via facile, one-pot, multicomponent Mannich reaction under solvent-free condition	Journal of Heterocyclic Chemistry					2.4	10.1002/jhet.4698

2787	Gunisetty R., Reddy P.B.A., Divya A.	Entropy generation analysis on EMHD non-Newtonian hybrid nanofluid flow over a permeable rotating disk through semi analytical and numerical approaches	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.4	10.1177/09544089231199640
2788	Ashok D., Bahubalendruni M.V.A.R., Mhaskar A., Choudhary V., Balamurali G., Turaka S.	Experimental and numerical investigation on 2.5-dimensional nature-inspired infill structures under out-plane quasi-static loading	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.4	10.1177/09544089231197853
2789	Madiha Takreem K., Satya Narayana P.V.	Impacts of Joule heating and dissipation on magnetohydrodynamic ternary-hybrid nanofluid( $Al_2O_3-TiO_2-SiO_2/H_2O$ ) flow over an elongated sheet with Darcy–Forchheimer medium	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.4	10.1177/09544089231200381
2790	Chouhan G., Bala Murali G.	Uniform and graded bio-inspired gyroid lattice: Effects of post-curing and print orientation on mechanical property	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications					2.4	10.1177/14644207231200729

2791	Balaji V.K., Narayanappa M., Udhayakumar R., AlNemer G., Ramakrishna S., Honnappa G.Y.	Effects of LTNE on Two-Component Convective Instability in a Composite System with Thermal Gradient and Heat Source	Mathematics	11	20			2.4	10.3390/math11204282
2792	Arun Balaji M., Naveen Venkatesh S., Sakthivel N.R., Sugumaran V.	Can pretrained networks be used in fault diagnosis of monoblock centrifugal pump?	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.4	10.1177/09544089231207476
2793	Dhurandher B.K., Khatua L., Jiménez Macedo V.D., Bhuria V., Jatti V.S., Sahu D., Dwivedi G.	Fire hazard and risk analysis of large fuel storage tank in IOC terminal	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.4	10.1177/09544089231207419
2794	Arockiaraj M., Greeni A.B., Kalaam A.R.A.	Comparative Analysis of Reverse Degree and Entropy Topological Indices for Drug Molecules in Blood Cancer Treatment through QSPR Regression Models	Polycyclic Aromatic Compounds					2.4	10.1080/10406638.2023.2271648
2795	Priyamvada P., Ramaiah S.	Potential Signature Therapeutic Biomarkers TOP2A, MAD2L1, and CDK1 in Colorectal Cancer: A Systems Biomedicine-Based Approach	Biochemical Genetics					2.4	10.1007/s10528-023-10544-0

2796	Kalel D., Raja Singh R.	Energy-Efficient Sensorless PMSM Pump Drive with mGWO and Loss Model for Field Orientation Control Strategy	Iranian Journal of Science and Technology - Transactions of Electrical Engineering					2.4	10.1007/s40998-023-00663-0
2797	Das M., Chatterjee B.	Ecotourism in Bhitarkanika Wildlife Sanctuary, India: assessment of participation, economic benefits and conservation goals	Journal of Ecotourism					2.4	10.1080/14724049.2023.2282955
2798	Ravi T., Sathish Kumar K., Dhanamjayulu C., Khan B.	Utilization of Stockwell Transform and Random Forest Algorithm for Efficient Detection and Classification of Power Quality Disturbances	Journal of Electrical and Computer Engineering	2023				2.4	10.1155/2023/6615662
2799	Praveenkumar V., Raja S., Jamadon N.H., Yishak S.	Role of laser power and scan speed combination on the surface quality of additive manufactured nickel-based superalloy	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications					2.4	10.1177/14644207231212566
2800	Aravind Raj S., Pulinat K.G., Sau S.K., Moss P.N., Sakthi Balan G.	Investigations on compression behavior of fused filament fabricated hybrid biomimetic structures	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications					2.4	10.1177/14644207231208179

2801	Murugusundaramoorthy G.; Vijaya K.; Breaz D.; Cotîrlă L.-I.	Subclasses of Noshiro-Type Starlike Harmonic Functions Involving q-Srivastava–Attia Operator	Mathematics	11	23			2.4	10.3390/math11234711
2802	Jithendra T.; Basha S.S.	A forecasting model for optimizing abrasive water jet machining (AWJM) parameters based on the adaptive neuro-fuzzy inference system and meta-heuristic algorithms	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.4	10.1177/09544089231218108
2803	Davis D.; Gupta B.S.	Surface-directed spinodal decomposition of fluids confined in a cylindrical pore	Physical Review E	108	6			2.4	10.1103/PhysRevE.108.064607
2804	Debroy B.; De A.; Bhattacharya S.; Pal K.	In silico screening of herbal phytochemicals to develop a Rasayana for immunity against Nipah virus	Journal of Ayurveda and Integrative Medicine	14	6			2.4	10.1016/j.jaim.2023.100825
2805	Achu Govind K.R.; Mahapatra S.; Ranjan Mahapatro S.	Design of a decentralized control law for variable area coupled tank systems using $H^\infty$ complimentary sensitivity function	Asian Journal of Control					2.4	10.1002/asjc.3281
2806	Priyanka; Kumar S.; Kumar A.; Gupta N.K.; Alam T.; Raghav G.; Shaik S.; Saleel C.A.	Computational study of heat transfer and fluid flow in a solar trough collector with a ribbed surface and an MWCNT-Al <sub>2</sub> O <sub>3</sub> /water-based hybrid nanofluid	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering					2.4	10.1177/09544089231215899

2807	Balakumar D.; Sendrayan N.	Enhance the Probability of Detection of Cooperative Spectrum Sensing in Cognitive Radio Networks Using Blockchain Technology	Journal of Electrical and Computer Engineering	2023				2.4	10.1155/2023/892024 3
2808	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
2809	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
2810	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
2811	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
2812	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
2813	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



2814	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
2815	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
2816	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
2817	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.2 023.2183480
2818	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
2819	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

2820	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
2821	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
2822	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
2823	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
2824	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.medengph y.2023.103995
2825	Kalathinathan P., Sain A., Pulicherla K., Kodiveri Muthukaliannan G.	A Review on the Various Sources of $\beta$ -Galactosidase and Its Lactose Hydrolysis Property	Current Microbiology	80	4			2.343	10.1007/s00284-023- 03220-4

2826	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
2827	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
2828	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
2829	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
2830	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
2831	Arjunan A., Manikandan M., Vijayaraghavan R., Sangeetha P.	Highly Active and Recyclable $Cu_xFe_3-xO_4$ NPs for Selective Oxidation of Benzyl Alcohol using TBHP as an Oxidant	ChemistrySelect	8	1			2.307	10.1002/slct.202202776
2832	Prathima T.S., Ahmad M.G., Karuppasamy R., Chanda K., Balamurali M.M.	Investigation on Phyto-active Constituent of <i>Clerodendrum paniculatum</i> as Therapeutic Agent against Viral Diseases	ChemistrySelect	8	4			2.307	10.1002/slct.202203932

2833	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.202204 508
2834	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.202204 311
2835	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.202204 457
2836	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.202204 898
2837	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
2838	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.202203 658

2839	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
2840	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
2841	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
2842	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
2843	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

2844	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
2845	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
2846	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
2847	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
2848	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	10.1155/2023/6490026

2849	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
2850	Vinodhini N., Prasad V.R.	NUMERICAL STUDY OF FREE CONVECTION Ag-WATER NANOFLUID 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
2851	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
2852	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

2853	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
2854	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
2855	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
2856	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
2857	Yogeshwaran V., Dhayanithi S., Vinoth Kumar P., Mohana Roopan S.	6-Endo-dig cyclization: Flexible enforce to develop synthetic route in organic syntheses	Results in Chemistry	6				2.3	10.1016/j.rechem.2023.101131
2858	Chankaya M., Aijaz M., Hussain I., Ahmad A., Lone S.A.	Advanced adaptive algorithm controlled single-phase DSTATCOM operation during weak grid conditions	International Journal of Circuit Theory and Applications					2.3	10.1002/cta.3815



2859	Sneha R., Madhumitha G.	Application of organo-tin based complexes in transesterification reaction for biodiesel production- A review	Journal of Organometallic Chemistry	1001				2.3	10.1016/j.jorganchem.2023.122870
2860	Rajkumar S., Reddy M.V.K., Janesh V., Vinodhini M.	Detection of Post COVID-Pneumonia Using Histogram Equalization, CLAHE Deep Learning Techniques	Inteligencia Artificial	26	72	137	145	2.3	10.4114/intartif.vol26iss72pp137-145
2861	Prem Kumar M., Arivazhagan N., Chiranjeevi C., Raja Sekhar Y., Babu N., Manikandan M.	Effect of Molten Binary Salt on Inconel 600 and Hastelloy C-276 Superalloys for Thermal Energy Storage Systems: A Corrosion Study	Journal of Materials Engineering and Performance					2.3	10.1007/s11665-023-08641-7
2862	Nagarajan B.M., Manoharan M.	Enhancement of joint strength of dissimilar aluminum/polymer hybrid joints by friction stir spot welding by surface textures	Journal of Adhesion Science and Technology					2.3	10.1080/01694243.2023.2256557
2863	Mohana C.M., Kumar B.R.	Nanoparticle shape effects on hydromagnetic flow of Cu-water nanofluid over a nonlinear stretching sheet in a porous medium with heat source, thermal radiation, and Joule heating	ZAMM Zeitschrift für Angewandte Mathematik und Mechanik					2.3	10.1002/zamm.202300188
2864	Turki T., Roy S.S., Taguchi Y.-H.	Optimized Tensor Decomposition and Principal Component Analysis Outperforming State-of-the-Art Methods When Analyzing Histone Modification Chromatin Immunoprecipitation Profiles	Algorithms	16	9			2.3	10.3390/a16090401

2865	Mahitha O., Golla V.K.A.	MHD FLOW OF CNT-H <sub>2</sub> O NANOFUID NEAR A VERTICAL PLATE IN A POROUS MEDIUM WITH REFERENCE TO CAPUTO FRACTIONAL DERIVATIVE: AN APPLICATION TO WATER PURIFICATION	Journal of Porous Media	26	12	87	119	2.3	10.1615/JPorMedia.2023046226
2866	Xin X., Masthanaiah Y., Rushikesava A., Tarakaramu N., Abdullaev S., Khan M.I., Bouazzi I.R.	Magnetic field and dissipation effects on mixed convection viscous fluid flow by a channel in the presence of porous medium and heat generation/absorption phenomenon	ZAMM Zeitschrift für Angewandte Mathematik und Mechanik					2.3	10.1002/zamm.202300625
2867	Mukkamala Y., Dirker J.	Empirical Modeling and Meta-analysis of Heat Transfer in Plate Heat Exchangers	Heat Transfer Engineering					2.3	10.1080/01457632.2023.2260524
2868	Syed S.R., Saleem Durai M.A.	A diagnosis model for detection and classification of diabetic retinopathy using deep learning	Network Modeling Analysis in Health Informatics and Bioinformatics	12	1			2.3	10.1007/s13721-023-00432-3
2869	Sethu S., Kalimuthu M., Nagarajan R., Ismail S.O., Devi K., Muthukannan M., Murali M., Mohammad F., Al-Lohedan H.A.	Thermal, chemical, tensile and morphological characterization studies of bamboo fibre extracted from the indian species bambusa bambos	Materials Research Express	10	10			2.3	10.1088/2053-1591/acfd0c

2870	Tamilarasan A., Om S.	Effect of varying molarity and curing conditions on the mechanical and microstructural characteristics of alkali activated GGBS binder	Materials Research Express	10	9			2.3	10.1088/2053-1591/acf6f4
2871	Yeswanth Sai T., Jagadeesh P.	Surface characteristics, pore size and enhanced chemical resistance using graphene oxide nano sheets in ultrafine slag cement mortars	Fullerenes Nanotubes and Carbon Nanostructures					2.3	10.1080/1536383X.2023.2267146
2872	Mishra S.	The prominence of English in the Linguistic Landscape of Jamshedpur	Linguistic Landscape	9	4	413	437	2.3	10.1075/II.22001.mis
2873	Sridharan K., Thirumal Kumar D., Manikandan S., Prasanna G., Guruswamy L., Al Banna R., George Priya Doss C.	Computational Structural Validation of CYP2C9 Mutations and Evaluation of Machine Learning Algorithms in Predicting the Therapeutic Outcomes of Warfarin	Current Drug Metabolism	24	6	466	476	2.3	10.2174/1389200224666230705124329
2874	Das S., Chakravorty A., Luktuke S., Raj A., Mini A.A., Ramesh K., Grace A.N., Pandey S.K., Raghavan V.	Graphene/gadolinium oxide composite modified screen-printed electrochemical sensor for detection of diclofenac sodium	Results in Chemistry	6				2.3	10.1016/j.rechem.2023.101189
2875	Mohanty R., Chatterjee D., Mohanty S., Dhanamjayulu C., Khan B.	THD Reduction of Improved Single Source MLI Using Upgraded Black Widow Optimization Algorithm	International Transactions on Electrical Energy Systems	2023				2.3	10.1155/2023/6724716
2876	Balakumar D., Nandakumar S.	Cognitive Radio Spectrum Sensing-Based QAM Technique Using Blockchain	International Journal of Distributed Sensor Networks	2023				2.3	10.1155/2023/7225260

2877	Nithiyandham E.K., Keerthi B.S.	A new proposed model for image enhancement using the coefficients obtained by a subclass of the Sakaguchi-type function	Signal, Image and Video Processing					2.3	10.1007/s11760-023-02861-z
2878	Anuj Srivathsa S.S., Muralidharan B.	Characterization of 3D metal printed cutting tool with transpiration cooling channels	Materials Research Express	10	10			2.3	10.1088/2053-1591/ad04b1
2879	Nivedhitha D.M., Jeyanthi S., Rajamanickam S.K., Balajivasan R.J., Harshavardhan R., Thiagamani S.M.K., Hashem M., Fouad H., Ansari A., Bhat I.U.H.	Biopolymer-coated composites for enhanced dielectric and electromagnetic interference shielding applications - a green initiative	Materials Research Express	10	10			2.3	10.1088/2053-1591/ad0441
2880	Selvaraj V.K., Subramanian J., Krishna Rajeev P.	A study on flexible bio-based conductive foam for pressure sensing and electromagnetic interference applications	Materials Research Express	10	10			2.3	10.1088/2053-1591/ad0199
2881	Sathya R.A., Ponraj C.	Superhydrophobic route of fabricating antireflective, self-cleaning, and durable coatings for solar cell applications	Journal of Coatings Technology and Research					2.3	10.1007/s11998-023-00843-x
2882	Prasad V.K.H., Periyasamy S.	Energy Optimization-Based Clustering Protocols in Wireless Sensor Networks and Internet of Things-Survey	International Journal of Distributed Sensor Networks	2023				2.3	10.1155/2023/1362417

2883	Sudha S.; Mary Saral A.	Green synthesis of ZnONps using Horse gram seed aqueous extract and its in vitro evaluation on antioxidant, antidiabetic, anticancer and DNA binding potential	Materials Research Express	10	12			2.3	10.1088/2053-1591/ad02e0
2884	Manikandan G.; Sam R.S.; Gilbert S.F.; Srikanth K.	Event-Based Social Networking System With Recommendation Engine	International Journal of Intelligent Information Technologies	20	1			2.3	10.4018/IJIIIT.334232
2885	Peter G.; Alexander Stonier A.; Vanaja D.S.; Justin F.; Kuppusamy R.; Teekaraman Y.	Battery Cell Balancing of V2G-Equipped Microgrid in the Presence of Energy Storage Aggregator	International Transactions on Electrical Energy Systems	2023				2.3	10.1155/2023/7990690
2886	Kalichikadu Paramasivam S.; Ramu S.K.; Cholanmuthu P.	Unit vector template control strategy-based harmonic mitigation and charging with three phase–three level–three switch Vienna rectifier for Level 3 electric vehicle charging applications	International Journal of Circuit Theory and Applications					2.3	10.1002/cta.3904
2887	Bhangale K.; Kothandaraman M.	Speech Emotion Recognition Using Generative Adversarial Network and Deep Convolutional Neural Network	Circuits, Systems, and Signal Processing					2.3	10.1007/s00034-023-02562-5
2888	S C.S.; Govindaraj R.; Chowdhury S.; Singh S.; Khan B.	Embedded Based Quadratic Boost Converter With Sliding Mode Controller for the Integration of Solar Photo-Voltaic Source With Microgrid	IEEE Journal of the Electron Devices Society			1	1	2.3	10.1109/JEDS.2023.3340249

2889	Wasim Khan M.; Elayaperumal A.; Arulvel S.; Sivanesh Prabhu M.	Influence of Pressureless Sintering under an Inert Atmosphere on Microstructural, Microhardness, and Tribological Properties of Uniaxial Compacted Crab Shell Particles	Journal of Materials Engineering and Performance					2.3	10.1007/s11665-023- 08991-2
2890	Devakumaran K.; Rajamurugan G.; Ghosh P.K.	Importance of Narrow Gap in Pulsed Current Gas Metal Arc Welding of Thick Wall Micro- alloyed Steel: Weld Appearance and Microstructure	Journal of Materials Engineering and Performance					2.3	10.1007/s11665-023- 09033-7
2891	Hariharan A.; Harish R.	THERMAL PERFORMANCE OF IONANOCOLLOIDS IN A CUBICAL CAVITY WITH INTERNAL PROTRUSIONS	Journal of Enhanced Heat Transfer					2.3	10.1615/jenhheattran sf.2023049550
2892	Alexander L.D.; Jakhar S.; Dasgupta M.S.	Pressure Drop Analysis for U- Tube Evacuated Tubular Collector	Heat Transfer Engineering					2.3	10.1080/01457632.20 23.2289230
2893	Idhaya T.; Suruliandi A.; Raja S.P.	Drug-Protein Interactions Prediction Models Using Feature Selection and Classification Techniques	Current Drug Metabolism	24	12	817	834	2.3	10.2174/01138920022 68739231211063718
2894	Sridharan K.; Balasundaram A.; Thirumal Kumar D.; George Priya D.C.	Evaluation of Supervised Machine Learning Algorithms and Computational Structural Validation of Single Nucleotide Polymorphisms Related to Acute Liver Injury with Paracetamol	Current Drug Metabolism	24	10	684	699	2.3	10.2174/01138920022 67867231101051310

2895	Tipraj B.; Shanmugapriya T.	Experimental investigation on ternary blended geopolymer mortar synthesized from Industrial-agro and municipal solid waste ash subjected to different acid exposure	Materials Research Express	10	12			2.3	10.1088/2053-1591/ad112a
2896	Venkatachalam G.; Aravindh S.; Mark M.P.; Shenbaga Velu P.; Bharathraj K.B.; Varghese A.K.; Subramani V.P.; Ramakrishnan R.; Manickam S.	Investigation of mechanical characteristics of coir fibre/hexagonal boron nitride reinforced polymer composite	Materials Research Express	10	12			2.3	10.1088/2053-1591/ad176c
2897	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
2898	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

2899	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
2900	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
2901	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
2902	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
2903	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	10.1155/2023/4554582



2904	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.2023.28.31450
2905	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.202200502
2906	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
2907	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
2908	Mohapatra S., Barman R., Das T.K., Badapanda T., Bennett E.L., Tripathy S.N.	Exploration of MgTiO <sub>3</sub> -CaTiO <sub>3</sub> 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
2909	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

2910	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
2911	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
2912	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
2913	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
2914	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
2915	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
2916	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

2917	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
2918	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
2919	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
2920	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
2921	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
2922	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

2923	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
2924	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
2925	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
2926	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
2927	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

2928	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
2929	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
2930	Pragasam T.T.N., Thomas J.V.J., Vensuslaus M.A., Radhakrishnan S.	CEAT: Categorising Ethereum Addresses' Transaction Behaviour with Ensemble Machine Learning Algorithms	Computation	11	8			2.2	10.3390/computation11080156
2931	Srinivasan S., Rajakumar K.	Dimensionality Reduction Using Optimized Self-Organized Map Technique for Hyperspectral Image Classification	Computer Systems Science and Engineering	47	2	2481	2496	2.2	10.32604/csse.2023.040817
2932	Lakshmipraba J., Ebenezer C., Solomon R.V., Venkatesan M.	Explorations on the synthesis, structure, DFT, DNA binding properties and molecular docking of tridentate Schiff base Copper (II) complexes	Chemical Physics Impact	7				2.2	10.1016/j.chphi.2023.100286

2933	Shalini V., Kumar P.	High-Frequency Performance Characteristics of the Double-Gate Schottky Barrier Tunnel Field Effect Transistor in Analog and Radio-Frequency Applications	ECS Journal of Solid State Science and Technology	12	9			2.2	10.1149/2162-8777/acf071
2934	Bandekar S.R., Ghosh M., Rajivganthi C.	Impact of vaccination on the dynamics of COVID-19: A mathematical study using fractional derivatives	International Journal of Biomathematics					2.2	10.1142/S1793524523500183
2935	Mounika B., Ajayan J., Bhattacharya S., Nirmal D., Sreenivasulu V.B., Kumari N.A.	Investigation on effect of AlN barrier thickness and lateral scalability of Fe-doped recessed T-gate AlN/GaN/SiC HEMT with polarization-graded back barrier for future RF electronic applications	Microelectronics Journal	140				2.2	10.1016/j.mejo.2023.105923
2936	Ajithkumar J.P., Xavier M.A.	Machinability analysis on Al7075 matrix composites reinforced by nano-silicon carbide, boron carbide, graphene and MWCNT	Journal of the Brazilian Society of Mechanical Sciences and Engineering	45	10			2.2	10.1007/s40430-023-04462-w
2937	Kumar A.S., Sreenivasulu V.B., Chavva S.R., Bhandari S., Kumari N.A., Pothabolu A., Deekshana M., Somineni R.P.	Nanosheet Field Effect Transistor Device and Circuit Aspects for Future Technology Nodes	ECS Journal of Solid State Science and Technology	12	8			2.2	10.1149/2162-8777/acec9a

2938	Karthik R., Menaka R., Ponmathi P., Won D., Vinitha Joshy P., Aravindan J.G., Harshavardhan S., Aashish kumar K.V.S.D., Akileshkumar R.	Signal Processing and AI-based Assessment of Rehabilitation Exercises for Diastasis Recti Abdominis	Computer Systems Science and Engineering	47	1	333	348	2.2	10.32604/csse.2023.037661
2939	Vignesh R., Hari Krishnan A., Ashok B., Kumar M.S., Malewar R.	Optimal power split control strategy for plug-in biofuel-electric hybrid vehicle using improvised adaptive ECMS control algorithm	Journal of the Brazilian Society of Mechanical Sciences and Engineering	45	11			2.2	10.1007/s40430-023-04512-3
2940	Vinu H., Vijay Kumar C.H., Srikrishna P., Subramanian S., Padmanabhan R.	Micro-electro discharge machining characteristics of tungsten-copper for electronic devices	Advances in Materials and Processing Technologies					2.2	10.1080/2374068X.2023.2264586
2941	Devarangadi M., Masilamani U.S.	Assessment of engineering properties of slag mixtures as a bottom liner in landfills	Environmental Geotechnics	10	7	430	442	2.2	10.1680/jenge.22.00166
2942	Mohamed Ibrahim H.F., Manoharan R., Leon B.S., Alanthata Govindan N., Subramani K.	Understanding the binding interaction mechanism of i-motif with fluorophores: A biophysical approach	Chemical Physics Impact	7				2.2	10.1016/j.chphi.2023.100370
2943	Manjaly J.S., Subbulakshmi T.	Performance Improvement through Novel Adaptive Node and Container Aware Scheduler with Resource Availability Control in Hadoop YARN	Computer Systems Science and Engineering	47	3	3083	3108	2.2	10.32604/csse.2023.036320

2944	Lawrance G., Paul P.S., Gunasegeran M., Sudhagar P.E.	Predicting the behavior of magnetorheological elastomer parameters on cutting performance during boring of AISI4340 steel using ANN	Multiscale and Multidisciplinary Modeling, Experiments and Design					2.2	10.1007/s41939-023-00282-6
2945	Martina D.J.S., Deepa G.	Some algebraic properties on rough neutrosophic matrix and its application to multi-criteria decision-making	AIMS Mathematics	8	10	24132	24152	2.2	10.3934/math.20231230
2946	Bala S., Govindarao L., Das A., Majumdar A.	Numerical scheme for partial differential equations involving small diffusion term with non-local boundary conditions	Journal of Applied Mathematics and Computing					2.2	10.1007/s12190-023-01927-y
2947	Shanmugam B., Saravananarajan M.C.	Unreliable retrial queueing system with working vacation	AIMS Mathematics	8	10	24196	24224	2.2	10.3934/math.20231234
2948	Sivasankar S., Udhayakumar R., Deiveegan A., George R., Hassan A.M., Etemad S.	Approximate controllability of Hilfer fractional neutral stochastic systems of the Sobolev type by using almost sectorial operators	AIMS Mathematics	8	12	30374	30404	2.2	10.3934/math.20231551
2949	Karunanidhy D., Ramalingam R., Basheer S., Mahadevan N., Rashid M.	MOJMA: A novel multi-objective optimization algorithm based Java Macaque Behavior Model	AIMS Mathematics	8	12	30244	30268	2.2	10.3934/math.20231545
2950	Kumari N.A., Vijayvargiya V., Upadhyay A.K., Sreenivasulu V.B., Narendar V., Prithvi P.	Gate Stack Analysis of Nanosheet FET for Analog and Digital Circuit Applications	ECS Journal of Solid State Science and Technology	12	11			2.2	10.1149/2162-8777/ad0873



2951	Umadevi S.; Venkatesh S.	Effective Timing Closure Using Improved Engineering Change Order Techniques in SOC Design	Wireless Personal Communications					2.2	10.1007/s11277-023-10789-3
2952	Gethsiya Raagel K.; Bagavandas M.; Sathya Narayana Sharma K.; Manikandan P.; Muthu C.	Sentiment Analysis and Topic Modeling on Polycystic Ovary Syndrome from Online Forum Using Deep Learning Approach	Wireless Personal Communications					2.2	10.1007/s11277-023-10795-5
2953	Regalla S.; Senthil Kumar N.	Influence of graphene oxide in the hydration mechanism by reinforcing mechanical strength and microstructural Characterization of ultra-high-performance concrete (UHPC)	Journal of Dispersion Science and Technology					2.2	10.1080/01932691.2023.2281528
2954	Iyappan P.; Jamuna P.	Hybrid Simulated Annealing and Spotted Hyena Optimization Algorithm-Based Resource Management and Scheduling in Cloud Environment	Wireless Personal Communications					2.2	10.1007/s11277-023-10807-4
2955	Sailesh R.; Doddamani M.; Mailan Chinnapandi L.B.; Yuvaraj L.; Pitchaimani J.	Sound absorption and transmission loss of 3D printed wood fibre reinforced poly lactic acid with functionally graded perforations	Wood Material Science and Engineering					2.2	10.1080/17480272.2023.2286446
2956	Ranjith E.; Parthiban L.; Latchoumi T.P.; Kumar S.A.; Perera D.G.; Ramaswamy S.	An Effective Content Based Image Retrieval System Using Deep Learning Based Inception Model	Wireless Personal Communications	133	2	811	829	2.2	10.1007/s11277-023-10792-8

2957	Aishwarya K.; Maruthasalamoorthy S.; Thenmozhi R.; Mani J.; Nirmala R.; Anbalagan G.; Navamathavan R.	Enhanced Seebeck Coefficient of Cu-Bi-S Heterogeneous Composite Synthesized via Solvothermal Method	ECS Journal of Solid State Science and Technology	12	12			2.2	10.1149/2162- 8777/ad13b1
2958	Sathish S.; Swaathi P.; Devi S.B.; Nirmala R.; Parthipan P.; Navamathavan R.	E-waste Derived Enhanced Activated Carbon for Supercapacitor Applications	ECS Journal of Solid State Science and Technology	12	12			2.2	10.1149/2162- 8777/ad145e
2959	Raghu K.; Tamilselvi S.; Devishamani C.S.; Suchetha M.; Rajalakshmi R.; Raman R.	The Utility of ChatGPT in Diabetic Retinopathy Risk Assessment: A Comparative Study with Clinical Diagnosis	Clinical Ophthalmology	17		4021	4031	2.2	10.2147/OPHTH.S43505 2
2960	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
2961	Govardhan S., Santiago R.	Degree-Sum Based Topological Indices of Supercoronene and Triangle- Shaped Discotic Graphene Using NM-Polynomial	Polycyclic Aromatic Compounds					2.195	10.1080/10406638.2 023.2177314
2962	Gnanaraj L.R.M., Ganesan D., Siddiqui M.K.	Topological Indices and QSPR Analysis of NSAID Drugs	Polycyclic Aromatic Compounds					2.195	10.1080/10406638.2 022.2164315
2963	Sahaya Vijay J., Roy S.	Computation of Wiener Descriptor for Melamine Cyanuric Acid Structure	Polycyclic Aromatic Compounds					2.195	10.1080/10406638.2 023.2186441

2964	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
2965	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
2966	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
2967	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
2968	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
2969	Kumar A., Sujith M., Valarmathi K., Kumar R., Al-Asbahi B.A., Ahmed A.A.A.	Double-Absorber CZTS/Sb <sub>2</sub> Se <sub>3</sub> Architecture for High-Efficiency Solar-Cell Devices	Physica Status Solidi (A) Applications and Materials Science					2.17	10.1002/pssa.202200902

2970	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
2971	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
2972	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
2973	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
2974	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

2975	Arumugham V., Sankaralingam B.P., Jayachandran U.M., Krishna K.V.S.S.R., Sundarraaj S., Mohammed M.	An explainable deep learning model for prediction of early-stage chronic kidney disease	Computational Intelligence					2.142	10.1111/coin.12587
2976	Nair N.A., Viswanathan T.S.	$\beta$ -CaSiO <sub>3</sub> and colloidal n-SiO <sub>2</sub> based blended cement composites- their properties, regression analysis and micro-characterization studies [Compuestos de cemento combinados a base de $\beta$ -CaSiO <sub>3</sub> y n-SiO <sub>2</sub> coloidal: propiedades, análisis de regresión y estudios de microcaracterización]	Materiales de Construccion	73	350			2.133	10.3989/mc.2023.304722
2977	Ghosh S.	An analytical approach for the fractional-order Hepatitis B model using new operator	International Journal of Biomathematics					2.129	10.1142/S1793524523500080
2978	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

2979	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
2980	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
2981	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
2982	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
2983	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

2984	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 <sub>3</sub> )-based metal-ferroelectric-metal-insulator-semiconductor (MFMIS) NCFET	Journal of Computational Electronics					2.1	10.1007/s10825-023-02070-4
2985	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
2986	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
2987	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
2988	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
2989	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

2990	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
2991	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
2992	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
2993	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.202204 351
2994	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.2023.1 33544



2995	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
2996	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
2997	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
2998	Malhan A.H., Thimmakonda V.S., Thirumoorthy K.	Five Bonds to Carbon through Tri-Coordination in Al <sub>3</sub> C <sub>3</sub> -/0	Chemistry (Switzerland)	5	2	1113	1123	2.1	10.3390/chemistry5020076
2999	Biswas R.	Physicochemical Properties and Applications of Deep Eutectic Solvents for CO <sub>2</sub> Capture	Chemical Engineering and Technology					2.1	10.1002/ceat.202300161
3000	Munusami C., Venkatesan R.	Cavity-backed substrate integrated waveguide MIMO element with enhanced isolation for 5G communication	International Journal of Communication Systems					2.1	10.1002/dac.5627

3001	Athulya P.A., Chandrasekaran N.	Exposure of true to life microplastics to Donax faba under two different pH conditions: A microcosm approach	Regional Studies in Marine Science	67				2.1	10.1016/j.rsma.2023.103197
3002	Reddy G.N., Ravi Kumar C.V.	Hybrid optimization-based deep neuro-fuzzy network for designing m-user multiple-input multiple-output interference channel	International Journal of Communication Systems					2.1	10.1002/dac.5606
3003	Vignesh R., Abdul-Rahim A.	New insights into the production of sustainable synthetic aggregates and their microstructural evaluation	Materiales de Construccion	73	351			2.1	10.3989/mc.2023.328722
3004	Chirranjeevi Padmashrija A.J., Kannadasan S., Shanmugam P.	Synthesis of 3-Spiro Cycloalkenes Fused 7-Aza-2-indalones from 3,3'-di- or N,3,3'-tri-allyl/homoallyl/pentenyl 7-Aza-2-indalones via Ring Closing Metathesis using Grubbs-II Catalyst	ChemistrySelect	8	34			2.1	10.1002/slct.202302522
3005	Venkatesan K., Kumar K.M., Sivakumar A.	Synthesis, Characterization and Anticancer Molecular Docking Studies of Phenothiazine Derivatives – A Green Chemical Approach	ChemistrySelect	8	34			2.1	10.1002/slct.202302613
3006	Ghosh S., Bhowmick A., Roy S.D., Kundu S.	UAV-assisted multi-hop D2D relaying for communication in large disaster area	International Journal of Communication Systems					2.1	10.1002/dac.5615

3007	Ponraj C., Krishnamoorthi C., Vinitha G., Manikandan N., Santhosh kumar P., Daniel J.	Zinc-Doped BiFeO <sub>3</sub> Nanoparticles: Synthesis, Characterization and Photocatalytic Activity on Acid Red-85 Dye	ChemistrySelect	8	33			2.1	10.1002/slct.2023011 80
3008	Chandra P., Das R.	A hybrid machine learning algorithm for studying magnetized nanofluid flow containing gyrotactic microorganisms via a vertically inclined stretching surface	International Journal for Numerical Methods in Biomedical Engineering					2.1	10.1002/cnm.3780
3009	Chawla A.K., Pandey R., Rao A.U., Kharb A.S., Chanana A., Mir K.H., Kumar P., Garg T., Chawla V., Jain R., Pant C., Kumar S.	Study on Magnetron Sputtered Nb-Doped ZnO Thin Films switching properties for RRAM Applications	ChemistrySelect	8	39			2.1	10.1002/slct.2023028 82
3010	Deepak B., Mohamed Ibrahim M.	A critical review on emulsion fuel formulation and its applicability in compression ignition engine	Biofuels					2.1	10.1080/17597269.20 23.2261752
3011	Vijayakumar N., Swamiappan S.	Investigation on the Synthesis, Biom mineralization, Mechanical Strength and Biocompatibility of Rankinite Bioceramics Derived from Eggshell and Rice Husk Waste for Biomedical Applications	ChemistrySelect	8	44			2.1	10.1002/slct.2023029 84
3012	Kumar S., Sivakumar. R., Padala K., Maiti B.	TMSOTf-Promoted Synthesis of Quinazolin-4(3H)-one Utilizing DMSO as a Carbon Source	ChemistrySelect	8	42			2.1	10.1002/slct.2023036 65

3013	Joseph S., Genasan K., Anjaneyalu U., Livingston A., Samuel S., Sasikumar S.	Biom mineralization and mechanical studies of sodium substituted hydroxyapatite by a time-saving combustion route	ChemistrySelect	8	41			2.1	10.1002/slct.202302660
3014	Mylsamy G., Krishnasamy P.	Experimental Investigation on Electrical Conductivity, Dielectric Properties, and EMI Shielding Effectiveness of NiP/Graphene-Coated Natural Fiber	Journal of Electronic Materials					2.1	10.1007/s11664-023-10811-1
3015	Ghosh K., Chandra A., Kumar R., Shah A., Chakraborty U.	CRLH-TL-loaded metamaterial antenna with frequency band and polarization reconfigurability	International Journal of Communication Systems					2.1	10.1002/dac.5665
3016	Swamynathan C., Ravi V., Ranganayakulu D., Kandasamy R.	Driver behaviour prediction and enhanced ad hoc on-demand distance vector routing protocol in VANET	International Journal of Communication Systems					2.1	10.1002/dac.5650
3017	Pandav S., Sadhukhan G., Das T.K., Behera S.K., Mohanty M.	$\pi$ -shaped circularly polarized high-gain Minkowski fractal antenna for radar applications	International Journal of Communication Systems					2.1	10.1002/dac.5648
3018	Roy S., Tripathy N., Pradhan D., Sahu P.K., Kar J.P.	Fabrication and Characterization of TiO <sub>2</sub> Thin Film–Nanorod-Based Hybrid Structures for Memristor Applications	Journal of Electronic Materials					2.1	10.1007/s11664-023-10733-y
3019	Priyanka T.M.C., Gowrisankar A., Cao J.	Fractal functions associated with Reich contractions: an approximation of chaotic attractors	Numerical Algorithms					2.1	10.1007/s11075-023-01687-7

3020	Dinesh L.; Nitheesh Kumar R.; Prashanth K.G.; Sivaprasad K.	Electrochemical analysis of friction welded 17-4 PH stainless steel components manufactured by selective laser melting	International Journal on Interactive Design and Manufacturing					2.1	10.1007/s12008-023-01659-0
3021	Rupavarshini M.; Karthikeyan S.	In Silico Antiviral Drug Repurposing Against COVID-19 Infection: Targeting the Main Protease and Human ACE2 Receptor	ChemistrySelect	8	48			2.1	10.1002/slct.202302780
3022	Dhanapal P.; S L M.	A simple sequential one-pot synthesis of 4-aryl thiazole-based Schiff bases	Synthetic Communications					2.1	10.1080/00397911.2023.2282591
3023	Jose A.M.; Rasool M.	Myricetin ameliorates the IL-21-induced tumorigenic phenotype of adjuvant-induced arthritis FLS by modulating the choline kinase signaling cascade	In Vitro Cellular and Developmental Biology - Animal	59	10	811	820	2.1	10.1007/s11626-023-00827-6
3024	Stonier A.A.; Gorantla R.K.; Manoj K.	Cardiac disease risk prediction using machine learning algorithms	Healthcare Technology Letters					2.1	10.1049/htl2.12053
3025	Vinodhini M.; Rajkumar S.; Subramaniam S.K.	Real-time Internet of LoRa Things (IoLT)-based accident detection and prevention system in vehicular networks towards smart city	International Journal of Communication Systems					2.1	10.1002/dac.5692
3026	Hiremath V.S.; Patil S.; Reddy D.M.; Mutra R.R.; Patil B.; Poornima N.	An ANN approach to predicting the impact parameters of GFRP composites under low-velocity impact	International Journal on Interactive Design and Manufacturing					2.1	10.1007/s12008-023-01668-z

3027	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
3028	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
3029	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
3030	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
3031	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

3032	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
3033	Gecil Evangeline T., Raja Annamalai A., Ctibor P.	Dielectric Response and Low Dielectric Loss of Gadolinium-Doped CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> Ceramics Processed Through Conventional and Microwave Sintering	Journal of Electronic Materials					2.047	10.1007/s11664-023-10341-w
3034	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
3035	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 <sub>2</sub> SO <sub>4</sub> + 60% NaCl Boiler Environment	Journal of Materials Engineering and Performance					2.036	10.1007/s11665-023-07923-4
3036	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 <sub>2</sub> Using Synchrotron-Based Advanced Spectroscopic Techniques	Journal of Materials Engineering and Performance					2.036	10.1007/s11665-023-07876-8

3037	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
3038	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
3039	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
3040	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
3041	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'-dispiropyrrolidine bis 7-aza-2-oxindoles	Tetrahedron Letters	120				2.032	10.1016/j.tetlet.2023.154448
3042	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



3043	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
3044	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
3045	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
3046	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
3047	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
3048	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

3049	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
3050	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
3051	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
3052	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
3053	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
3054	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
3055	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

3056	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
3057	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
3058	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
3059	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
3060	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

3061	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
3062	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
3063	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
3064	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
3065	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

3066	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
3067	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
3068	Nahid T., Alam P., Choi J.	Matrix Approaches for Gould–Hopper–Laguerre–Sheffer Matrix Polynomial Identities	Axioms	12	7			2	10.3390/axioms12070621
3069	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
3070	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
3071	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

3072	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
3073	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
3074	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
3075	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
3076	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
3077	Chandana Mani R.K., Kamalakaran 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

3078	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
3079	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
3080	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
3081	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
3082	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

3083	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
3084	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
3085	Nagarajan S., Ramachandran S.	Analysis of mixed convective-radiative heat transfer in a porous square cavity filled with various nanofluids	Numerical Heat Transfer; Part A: Applications					2	10.1080/10407782.2023.2257384
3086	Kumari R., Ramachandran P.	Deep convolution neural network based Parkinson's disease detection using line spectral frequency spectrum of running speech	Journal of Intelligent and Fuzzy Systems	45	3	4599	4615	2	10.3233/JIFS-230183
3087	Nathezhtha T., Vaidehi V., Sangeetha D.	Detection of fraudulent marketing of consumer product in social networking services	Journal of Intelligent and Fuzzy Systems	45	3	4767	4775	2	10.3233/JIFS-223569
3088	Govindarajulu K., Subramanyam Reddy A., Jagadeshkumar K., Srinivas S., Kumar B.R., Vajravelu K.	Entropy generation on MHD pulsatile flow of third grade hybrid nanofluid in a vertical porous channel with nonuniform heat source/sink, variable viscosity, thermal conductivity, and Joule heating: A numerical study	Numerical Heat Transfer; Part A: Applications					2	10.1080/10407782.2023.2255929



3089	Manigandan A., Satya Narayana P.V.	Influence of variable thermal conductivity and mixed convection on hybrid nanofluid (SWCNT + MWCNT/H2O) flow over an exponentially elongated sheet with slip conditions	Indian Journal of Physics					2	10.1007/s12648-023-02912-8
3090	Pushpanathan D., Devarasan E.	Left and Right Operator Rings of a $\Gamma$ Ring in Terms of Rough Fuzzy Ideals	Axioms	12	9			2	10.3390/axioms12090808
3091	Elumalai R., Ravi K.	Optimization of ideal engine parameters to adopt ammonia and algae biodiesel for reactivity controlled compression ignition engine using response surface methodology	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science					2	10.1177/09544062231191882
3092	Shekhar S.K., Shah M.A.	Sports Marketing and Conceptual Evolution: A Bibliometric Analysis	SAGE Open	13	3			2	10.1177/21582440231192915
3093	Marimuthu M., Mohanraj G., Karthikeyan D., Vidyabharathi D.	Safeguard confidential web information from malicious browser extension using Encryption and Isolation techniques	Journal of Intelligent and Fuzzy Systems	45	4	6145	6160	2	10.3233/JIFS-233122
3094	Sundarakumar M.R., Sharma R., Fathima S.K., Gokul Rajan V., Dhayanithi J., Marimuthu M., Mohanraj G., Sharma A., Johny Renoald A.	Improving Data Processing Speed on Large Datasets in a Hadoop Multi-node Cluster using Enhanced Apriori Algorithm	Journal of Intelligent and Fuzzy Systems	45	4	6161	6177	2	10.3233/JIFS-232048

3095	Ramachandran D., Venkatesh J., Jothilakshmi R., Gugapriya G.	Sinkhole detection and prediction using watermarking (SNDW)	Journal of Intelligent and Fuzzy Systems	45	4	7005	7023	2	10.3233/JIFS-224463
3096	Rangaswamy E., Yong W.S., Joy G.V.	The evaluation of challenges and impact of digitalisation on consumers in Singapore	International Journal of System Assurance Engineering and Management					2	10.1007/s13198-023-02023-x
3097	Abhale A.B., Avulapalli J.R.	Enhancing intrusion detection recursive feature elimination with resampling in WSN	International Journal of System Assurance Engineering and Management					2	10.1007/s13198-023-02128-3
3098	Sathya N., Prabhavathi C.	The influence of social media on investment decision-making: examining behavioral biases, risk perception, and mediation effects	International Journal of System Assurance Engineering and Management					2	10.1007/s13198-023-02182-x
3099	Vinodkumar Reddy M., Lakshminarayana P., Vajravelu K., Sucharitha G.	Activation of energy in MHD Casson nanofluid flow through a porous medium in the presence of convective boundary conditions and suction/injection	Numerical Heat Transfer; Part A: Applications					2	10.1080/10407782.2023.2271655
3100	Harish Babu D., Kumaraswamy Naidu K., Satya Narayana P.V., Chalapathi T.	The radiative composite (NiCr + TC4/H2O) mixture nanofluid flow over a non-linear spinning stretching sheet with the impact of variable Lorenz force and slip condition	Numerical Heat Transfer; Part A: Applications					2	10.1080/10407782.2023.2272793

3101	Bilvatej B., Naveen J., Karthikeyan N., Norrrahim M.N.F., Knight V.F., Jawaid M., Sultan M.T.H., Dagalahal M.R., Chandrasekar M., Loganathan T.M.	Progress in polymeric and metallic brake pads: A comprehensive review	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology					2	10.1177/13506501231 204655
3102	Geetha K., Hota M.K., Karras D.A.	A novel approach for seismic signal denoising using optimized discrete wavelet transform via honey badger optimization algorithm	Journal of Applied Geophysics	219				2	10.1016/j.jappgeo.202 3.105236
3103	Geetha K., Hota M.K.	Microseismic Signal Denoising Based on Variational Mode Decomposition With Adaptive Non-local Means Filtering	Pure and Applied Geophysics					2	10.1007/s00024-023- 03365-0
3104	Parthasarathy M., Prince S.E.	Methotrexate-induced intestine and nephrotoxicity attenuated by Andrographis paniculata via ameliorating oxidative stress, inflammation and apoptosis	Advances in Traditional Medicine					2	10.1007/s13596-023- 00720-3
3105	Muralidharan N.D., Subramanian J., Rajamanickam S.K., Gopalan V.	An experimental investigation of flame retardancy and thermal stability of treated and untreated kenaf fiber reinforced epoxy composites	Journal of Polymer Engineering					2	10.1515/polyeng-2023- 0128
3106	Chellam S., Kuruseelan S., Pravin Rose T., Jasmine Gnana Malar A.	Congestion cost estimation using adaptive red fox algorithm in restructured electricity markets	Journal of Intelligent and Fuzzy Systems	45	5	8465	8477	2	10.3233/JIFS-224559

3107	Ramamoorthy H., Ramasundaram M., Raj R.S.P., Randive K.	TransAttU-Net Deep Neural Network for Brain Tumor Segmentation in Magnetic Resonance Imaging	IEEE Canadian Journal of Electrical and Computer Engineering	46	4	298	309	2	10.1109/ICJECE.2023.3 289609
3108	Meenakumari R., Lakshminarayana P., Vajravelu K., Sucharitha G.	Convective heat and mass transfer analysis on Casson nanofluid flow over an inclined permeable expanding surface with modified heat flux and activation energy	Numerical Heat Transfer; Part A: Applications					2	10.1080/10407782.20 23.2275281
3109	Suseela S., Krithiga R., Revathi M., Sudhakaran G., Bhavadharini R.M.	Energy aware optimal routing model for wireless multimedia sensor networks using modified Voronoi assisted prioritized double deep Q-learning	Concurrency and Computation: Practice and Experience					2	10.1002/cpe.7945
3110	Manogaran G., Anbalagan S.	Effect of magnetohydrodynamics and buoyancy ratio on thermosolutal double diffusion mixed convection in a cavity filled with liquid potassium alloy and Taguchi optimization with a linear regression model	Numerical Heat Transfer; Part A: Applications					2	10.1080/10407782.20 23.2278707
3111	Pauline G.S., Kaleemulla S.	Optical properties of electron beam evaporated Zn <sub>1-x</sub> Ti <sub>x</sub> O thin films	Indian Journal of Physics					2	10.1007/s12648-023- 02991-7

3112	R A., M M.	Evaluation of metallurgical and mechanical properties of 12 mm thick aerospace grade MDN 250 steel by plasma ARC welding technique	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science					2	10.1177/09544062231203588
3113	Rajasekar V., Ashok B.	Improvised energy management control through neuro-fuzzy based adaptive ECMS approach for an optimal battery utilization in non-plugin parallel hybrid electric vehicle	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science					2	10.1177/09544062231207186
3114	Mohan Raja M., Vijayakumar V., Nieto J.J., Panda S.K., Shukla A., Nisar K.S.	An analysis on the approximate controllability results for Caputo fractional hemivariational inequalities of order $1 < r < 2$ using sectorial operators	Nonlinear Analysis: Modelling and Control	28	6	1037	1061	2	10.15388/namc.2023.28.33429
3115	Bharathi J.; Nandhini S.	Unreliable server with Non-Markovian Retrial Queueing System, Bernoulli Vacation and Fortuitous breakdown	Journal of Intelligent and Fuzzy Systems	45	6	10089	10098	2	10.3233/JIFS-231195

3116	Reddy M.V.; Lakshminarayana P.	Closure to discussion of higher order chemical reaction and radiation effects on magnetohydrodynamic flow of a maxwell nanofluid with cattaneo-christov heat flux model over a stretching sheet in a porous medium (Vinodkumar Reddy, M. and Lakshminarayana, P., 2022, ASME J. Fluids Eng., 144(4), p. 041204)	Journal of Fluids Engineering, Transactions of the ASME	145	12			2	10.1115/1.4063077
3117	Wang Z.; Baydaş M.; Stević Ž.; Özçil A.; Irfan S.A.; Wu Z.; Rangaiah G.P.	Comparison of fuzzy and crisp decision matrices: An evaluation on PROBID and sPROBID multi-criteria decision-making methods	Demonstratio Mathematica	56	1			2	10.1515/dema-2023-0117
3118	Vaishnavi D.; Balaji G.N.	Modeling of intelligent hyperparameter tuned deep learning based copy move image forgery detection technique	Journal of Intelligent and Fuzzy Systems	45	6	10267	10280	2	10.3233/JIFS-230291
3119	Nandhini R.S.; Lakshmanan R.	A novel ensemble learning approach for fault detection of sensor data in cyber-physical system	Journal of Intelligent and Fuzzy Systems	45	6	12111	12122	2	10.3233/JIFS-235809
3120	Gupta S.; Patel N.; Kumar A.; Jain N.K.; Dass P.; Hegde R.; Rajaram A.	Adaptive fuzzy convolutional neural network for medical image classification	Journal of Intelligent and Fuzzy Systems	45	6	9785	9801	2	10.3233/JIFS-233819
3121	Karthikeyan P.; Brindha K.	A comprehensive review on trust management approaches in fog computing	Journal of Intelligent and Fuzzy Systems	45	6	11397	11423	2	10.3233/JIFS-232892

3122	Baskar P.; Periasamy P.	Minimal channel cost-based energy-efficient resource allocation algorithm for task offloading under FoG computing environment	Concurrency and Computation: Practice and Experience					2	10.1002/cpe.7968
3123	Kolla B., Venugopal P.	A novel three-step deep learning approach for the classification of breast cancer histopathological images	Journal of Intelligent and Fuzzy Systems	45	6	10477	10495	2	10.3233/JIFS-231563
3124	Rajasekharan Unnithan A.R.; Subramaniam S.K.; Gunasekaran K.	Improved particle swarm optimisation tuned PID position control of voice coil semi-active electrohydraulic damper	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science					2	10.1177/09544062231214108
3125	Vijatha M.; Reddy P.B.A.	Entropy generation and Cattaneo-Christov heat flux effects on Williamson hybrid nanofluid flow through various radiations and geometries: A comparative study	Numerical Heat Transfer; Part A: Applications					2	10.1080/10407782.2023.2296134
3126	Srija R.; Singh A.K.; Awasthi M.K.; Yadav D.	Impact of swirling on capillary instability of Walter's B viscoelastic fluid-viscous fluid interface with heat and mass transfer	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science					2	10.1177/09544062231213186

3127	Venkatadri K.; Ramachandra Prasad V.; Anwar Bég O.; Kuharat S.; Bég T.A.; Saha S.	Magneto-thermo-gravitational Rayleigh–Bénard convection of an electro-conductive micropolar fluid in a square enclosure: Finite volume computation	Numerical Heat Transfer; Part A: Applications					2	10.1080/10407782.20 23.2299290
3128	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
3129	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
3130	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
3131	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 Superconductiv ity			1	32	1.949	10.1109/TASC.2023. 3267055
3132	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
3133	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	10.1080/00268976.2 023.2179858



3134	Manimaran R.	Numerical analysis and performance assessment of trapezoidal oscillating water columns	Ships and Offshore Structures					1.934	10.1080/17445302.2023.2173460
3135	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
3136	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
3137	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
3138	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
3139	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
3140	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

3141	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
3142	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
3143	Abdul Hayum A., Jaya J., Paulchamy B., Sivakumar R.	A modified recurrent neural network (MRNN) model for and breast cancer classification system	Automatika	64	4	1193	1203	1.9	10.1080/00051144.2023.2253064
3144	Aravindh S., Gopalan V.	Investigation of electrical resistance on coir fiber reinforced P-polyvinyl chloride composites	International Journal of Polymer Analysis and Characterization	28	5	493	508	1.9	10.1080/1023666X.2023.2250616
3145	Singh M.K., Rahul A.K., Saha S., Paul S., Tiwari R., Nandi S.	On generalized Rayleigh waves in a pre-stressed piezoelectric medium	International Journal of Modern Physics C					1.9	10.1142/S0129183124400060
3146	Gnana Malar A.J., Sellamuthu S., Ganga M., Mahendran N., Hoseinzadeh S., Ahilan A.	Power System Planning and Cost Forecasting Using Hybrid Particle Swarm-Harris Hawks Optimizations	Journal of Electrical Engineering and Technology					1.9	10.1007/s42835-023-01610-z
3147	Mahesh P., Panigrahy D., Nayak C.	Super-broadband terahertz absorber: an optimized and magnetized graphene-embedded 1D disordered photonic system	Journal of the Optical Society of America B: Optical Physics	40	8	2153	2161	1.9	10.1364/JOSAB.493019

3148	Anandan D., Jaiswal A.K.	Synthesis methods of hydroxyapatite and biomedical applications: an updated review	Journal of the Australian Ceramic Society					1.9	10.1007/s41779-023-00943-2
3149	Tarakaramu N., Sivakumar N., Tamam N., Satya Narayana P.V., Ramalingam S.	Theoretical analysis of Arrhenius activation energy on 3D MHD nanofluid flow with convective boundary condition	Modern Physics Letters B					1.9	10.1142/S0217984923410099
3150	Kandukuri U.R., Prakash A.J., Patro K.K., Neelapu B.C., Tadeusiewicz R., Pławiak P.	Constant Q-Transform-Based Deep Learning Architecture for Detection of Obstructive Sleep Apnea	International Journal of Applied Mathematics and Computer Science	33	3	493	506	1.9	10.34768/amcs-2023-0036
3151	Dwivedy P., Dixit V., Kumar A.	NOMA cooperative VLC systems: design and performance analysis with OOK and L-PPM modulation	Applied Optics	62	25	6639	6651	1.9	10.1364/AO.496935
3152	Babu P.A., Rai A.K., Ramesh J.V.N., Nithyasri A., Sangeetha S., Kshirsagar P.R., Rajendran A., Rajaram A., Dilipkumar S.	An Explainable Deep Learning Approach for Oral Cancer Detection	Journal of Electrical Engineering and Technology					1.9	10.1007/s42835-023-01654-1
3153	Paul S., Pavitra Y., Rehana S., Vineesha D.	A Gaussian filter-based window for efficient SAR image matching	Journal of Spatial Science					1.9	10.1080/14498596.2023.2274998

3154	Mathew A., Sarwesh P., Khandelwal S., Raja Shekar P., Omeiza Alao J., Abdo H.G., Almohamad H., Abdullah Al Dughairi A.	Thermal dynamics of Jaipur: Analyzing urban heat island effects using in-situ and remotely sensed data	Cogent Engineering	10	2			1.9	10.1080/23311916.20 23.2269654
3155	Kumar L.B., Naik R.P., Choudhari D., Krishnan P., Simha G.D.G., Jagadeesh V.K.	BER analysis of a full-duplex relay- assisted BPSK-SIM based VLC system for indoor applications	Applied Optics	62	31	8366	8373	1.9	10.1364/AO.500213
3156	Awasthi P., Kumar M., Nec Y.	EFFECTS OF ANISOTROPY IN TRIDIMENSIONAL DIFFUSION: FLOW PATTERNS AND TRANSPORT EFFICIENCY	SIAM Journal on Applied Mathematics	83	2	460	483	1.9	10.1137/22M1476642
3157	Adil M.H.; Haider S.	On the effect of COVID-19 and policy uncertainty on the stock market: evidence from India	International Journal of Social Economics					1.9	10.1108/IJSE-03-2023- 0244
3158	Gopi S.; Mohapatra P.	Opposition-based Learning Cooking Algorithm (OLCA) for solving global optimization and engineering problems	International Journal of Modern Physics C					1.9	10.1142/S0129183124 500517
3159	Thayyib P.V.; Thorakkattle M.N.; Usmani F.; Yahya A.T.; Farhan N.H.S.	Forecasting Indian Goods and Services Tax revenue using TBATS, ETS, Neural Networks, and hybrid time series models	Cogent Economics and Finance	11	2			1.9	10.1080/23322039.20 23.2285649
3160	Mishra R.; Aneesh T.; Hotta T.K.; Mohanty C.P.; Shaik S.; Gupta M.	Thermal and structural analysis of laser beam machining process on a Dual Phase 780 (DP780) workpiece	International Journal of Modern Physics C					1.9	10.1142/S0129183124 500815

3161	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
3162	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
3163	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
3164	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
3165	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
3166	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

3167	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
3168	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
3169	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
3170	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
3171	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
3172	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
3173	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

3174	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	10.1080/03772063.2 023.2194277
3175	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	10.1080/03772063.2 023.2204836
3176	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	10.1080/03772063.2 023.2205838
3177	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	10.1080/03772063.2 023.2220671
3178	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/S02198878 23501463
3179	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

3180	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	10.1155/2023/1029 875
3181	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
3182	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
3183	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
3184	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
3185	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
3186	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



3187	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
3188	Karthikeyan K.R., Cho N.E., Murugusundaramoorthy 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
3189	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
3190	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
3191	El-Deeb S.M., Murugusundaramoorthy G., Vijaya K., Alburaikan A.	Pascu-Rønning Type Meromorphic Functions Based on Sălăgean-Erdély-Kober Operator	Axioms	12	4			1.824	10.3390/axioms12040380

3192	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
3193	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
3194	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
3195	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

3196	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
3197	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
3198	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
3199	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

3200	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
3201	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
3202	Khade V., Wuppulluri M.	Structural and electrical aspects of microwave sintered (Ba <sub>1-x</sub> CaxSn <sub>0.09</sub> Ti <sub>0.91</sub> ) O <sub>3</sub> ceramics	Journal of Electroceramics					1.814	10.1007/s10832-023-00319-9
3203	Dakshina Murthy N., Arumugam K., Palaniyandi T., Chandrasekaran S., Chandran K.	Impact of Mn <sup>2+</sup> substitution on physical and antibacterial properties of ZnFe <sub>2</sub> O <sub>4</sub> nanoparticles	Bulletin of Materials Science	46	3			1.8	10.1007/s12034-023-02987-3
3204	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

3205	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
3206	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
3207	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 <sub>2</sub> SO <sub>4</sub> , V <sub>2</sub> O <sub>5</sub> and NaCl	Corrosion Engineering Science and Technology					1.8	10.1080/1478422X.2023.2244236
3208	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
3209	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
3210	Rajasabai S.P., Koppolu U.M.K.	Dirac Fermions in Tetragonal Fe <sub>2</sub> Ge	Journal of Superconductivity and Novel Magnetism					1.8	10.1007/s10948-023-06629-x

3211	Venkateswarlu B., Narayana P.V.S., Joo S.W.	Exploration of entropy analysis and viscous dissipation on radially convective flow of (Cu- Al <sub>2</sub> O <sub>3</sub> :H <sub>2</sub> O) hybrid nanofluid over a stretching disk	Asia-Pacific Journal of Chemical Engineering					1.8	10.1002/apj.3002
3212	Aiswarya R., Vijayalakshmi S.	Purification and Characterization of Esterase Enzyme from Aspergillus Versicolor	Iranian Journal of Chemistry and Chemical Engineering	42	5	1691	1700	1.8	10.30492/ijcce.2022.5 56414.5403
3213	Suriyaprasanth S., Choi H., Gupta D.	Electron and Positron Impact Ionization of SF <sub>6</sub> -nHn(n = 0 – 6); {SCl <sub>n</sub> , SF <sub>n</sub> -1Cl(n = 1 – 6)} and SF <sub>5</sub> X(X = CN, CFO)	Atoms	11	10			1.8	10.3390/atoms111001 37
3214	Sathyavathi N.S., Beulet P.A.S.	Deca-Rounding Methods for Floating Point Numbers: Error Analysis & Hardware Implementation	Journal of Signal Processing Systems					1.8	10.1007/s11265-023- 01899-z
3215	M S.; Koppolu U.M.K.	zb-CrGe: A Possible Ferromagnetic Half- Semiconductor	Journal of Superconductivity and Novel Magnetism					1.8	10.1007/s10948-023- 06659-5
3216	Ma Y.-K.; Kavitha K.; Shukla A.; Vijayakumar V.; Nisar K.S.	An analysis on the optimal control and approximate controllability for Hilfer fractional neutral integro- differential systems with finite delay	Optimal Control Applications and Methods					1.8	10.1002/oca.3090
3217	Thirumoorthi K.R.; Tadi K.K.	Interfacing Silver Nanoparticles with Hematene Nanosheets for the Electrochemical Sensing of Hydrogen Peroxide	Current Analytical Chemistry	19	8	605	612	1.8	10.2174/15734110196 66230809102647
3218	Karthikeyan K.; Santhi M.H.; Kumaran G.S.	Study on Vertical Dowel Connections in Precast Walls	Advances in Civil Engineering	2023				1.8	10.1155/2023/627057 0

3219	Thenmozhi M.; Umamaheswari S.; Stonier A.A.; Thangavel J.	Design and implementation of photovoltaic-assisted dynamic voltage restorer using fuzzy logic controller-based improved SOGI for power quality improvement	Electrical Engineering					1.8	10.1007/s00202-023- 02150-5
3220	Ojha S.K.; Maddela C.O.	Load frequency control of a two- area power system with renewable energy sources using brown bear optimization technique	Electrical Engineering					1.8	10.1007/s00202-023- 02143-4
3221	Padma Sri Lekha P.; Abdul Azeez E.P.; Senthil Kumar A.P.; Mishra N.	Qualitative research in Indian postgraduate psychology and social work programmes: a study on curriculum content coverage and graduates' perspectives	Social Work Education					1.8	10.1080/02615479.20 23.2285850
3222	Shekhar S.K.; Kandoth S.; Mohanan M.	Worldwide research productivity on transformational learning: a scientometric study	Global Knowledge, Memory and Communication					1.8	10.1108/GKMC-02- 2023-0049
3223	Chatterjee S.; Bhattacharya M.; Pal S.; Lee S.-S.; Chakraborty C.	ChatGPT and large language models in orthopedics: from education and surgery to research	Journal of Experimental Orthopaedics	10	1			1.8	10.1186/s40634-023- 00700-1
3224	Raghupathy S.; Arunachalam S.	Trends in Legume-Rhizobia Symbiosis in Remediation of Mercury-Contaminated Agricultural Soils	Communications in Soil Science and Plant Analysis					1.8	10.1080/00103624.20 23.2285516
3225	Narasimman S.; Prasanth A.; Alex Z.C.	An experimental investigation of lossy mode resonance-based fiber-optic hydrazine sensor utilizing high-index AZO overlay	Journal of Optics (India)					1.8	10.1007/s12596-023- 01533-y

3226	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
3227	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
3228	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
3229	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
3230	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
3231	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



3232	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
3233	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
3234	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
3235	Prashar P., Ojjela O., Kambhatla P.K.	Impact of needle size and distinct flow conditions on thermal performance of TiO <sub>2</sub> -MWCNTs hybrid nanofluid flow past thin needle using Casson fluid model	ZAMM Zeitschrift für Angewandte Mathematik und Mechanik					1.759	10.1002/zamm.202100456
3236	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
3237	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

3238	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
3239	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
3240	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
3241	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

3242	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
3243	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
3244	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
3245	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
3246	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
3247	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

3248	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
3249	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
3250	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
3251	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
3252	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
3253	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
3254	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

3255	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
3256	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
3257	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
3258	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
3259	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

3260	Panda S.K., Vijayakumar V., Nisar K.S.	Applying periodic and anti-periodic boundary conditions in existence results of fractional differential equations via nonlinear contractive mappings	Boundary Value Problems	2023	1			1.7	10.1186/s13661-023-01778-3
3261	Sreelakshmi T.K., Selvi P.D., Ramesh Babu K., Durga Prasad P., Santosh H.B., Abraham A., Raju C.S.K., Sreedhar Babu M.	Dynamics of Brownian motion and nonlinear mixed convective conditions on thermophoretic slip flow embedded with non-Fourier flux	International Journal of Modern Physics B					1.7	10.1142/S0217979224501443
3262	Doodi R., Balamurali G.	Experimental and analytical investigation of bio-inspired lattice structures under compressive loading	Engineering Research Express	5	3			1.7	10.1088/2631-8695/aceed1
3263	Abdulquyyaum K.A., Tiwari S., Saha R., Hoque S.	Sensitivity extraction of step shape double gate (SSDG) TFET biosensor considering non-ideal scenario	Engineering Research Express	5	3			1.7	10.1088/2631-8695/acf18a
3264	Sanjay A., Joshua R.N., Aravind Raj S.	Mechanical characterization of FDM printed bio-inspired double arrow head structures	Engineering Research Express	5	3			1.7	10.1088/2631-8695/acf648
3265	Jadhav P.A., Deivanathan R.	Numerical and experimental investigation of the droplet size for MQL aerosol under different operating parameters with Flow visualization	Engineering Research Express	5	3			1.7	10.1088/2631-8695/acf548

3266	Ajithkumar M., Lakshminarayana P.	MHD peristaltic flow of chemically reactive casson nanofluid in a nonuniform porous inclined flexible channel with cross-diffusion effects	International Journal of Modern Physics B	37	25			1.7	10.1142/S0217979223502922
3267	Mittal A.K.	Two-dimensional Jacobi pseudospectral quadrature solutions of two-dimensional fractional Volterra integral equations	Calcolo	60	4			1.7	10.1007/s10092-023-00545-1
3268	Varatharaj K., Tamizharasi R.	Nonlinear thermal radiation effect on magnetohydrodynamics flow of Cu-H <sub>2</sub> O and TiO <sub>2</sub> -H <sub>2</sub> O of Casson nanofluids over stretching wall through porous channel	International Journal of Modern Physics B	37	25			1.7	10.1142/S021797922350296X
3269	Gnanaprasanna K., Singh A.K.	Forced convective flows of Casson hybrid nanofluid and entropy production over diverging channel with variable thermophysical properties	International Journal of Modern Physics B					1.7	10.1142/S0217979224503764
3270	Jyothi N., Vijaya Kumar A.G.	The thermal radiation effect on Casson nanofluids EG-GO and EG-CNTs models using Caputo fractional order derivative with shape effects: Via analytical investigations	International Journal of Modern Physics B					1.7	10.1142/S0217979224503740
3271	Sharmila C., Hameed M.A.M.S.	Diaspora: Exploring the Use of Affordances and Mobile Mediation among Migrants' Social Connectedness	Migration Letters	20	5	122	144	1.7	10.47059/ml.v20i5.3039

3272	Vivekananda G.N., Almufti S.M., Suresh C., Samsudeen S., Devarajan M.V., Srikanth R., Jayashree S.	Retracing-efficient IoT model for identifying the skin-related tags using automatic lumen detection	Intelligent Data Analysis	27		161	180	1.7	10.3233/IDA-237442
3273	Prasanna K., Jyothi C.B., Mathivanan S.K., Jayagopal P., Saif A., Samuel D.J.	Deep learning models for predicting the position of the head on an X-ray image for Cephalometric analysis	Intelligent Data Analysis	27		3	27	1.7	10.3233/IDA-237430
3274	Sumithra A., Sivaraj R., Prasad V.R., Béq O.A., Leung H.-H., Kamalov F., Kuharat S., Kumar B.R.	Computation of inclined magnetic field, thermophoresis and Brownian motion effects on mixed convective electroconductive nanofluid flow in a rectangular porous enclosure with adiabatic walls and hot slits	International Journal of Modern Physics B					1.7	10.1142/S0217979224 503983
3275	Das P., Rao D.V., Btp M.	A metasurface integrated shared aperture antenna for Sub-6 GHz applications	Engineering Research Express	5	3			1.7	10.1088/2631- 8695/aced36
3276	Meenakshi M.; Gowrisankar A.	Fractal-based approach on analyzing the trends of climate dynamics	International Journal of Modern Physics B					1.7	10.1142/S0217979224 40006X
3277	Vijayakumar P.; Reddy R.H.	Effects of complete slip conditions on the peristaltic pumping of a Casson nanofluid with suction and injection in a vertical channel	International Journal of Modern Physics B					1.7	10.1142/S0217979224 400071
3278	Lakshmi R.; Kavitha A.	Influence of complete slip conditions on peristaltic transport of third-grade fluid with suction and injection	International Journal of Modern Physics B					1.7	10.1142/S0217979224 400058



3279	Mathavavisakan N.M.; Indhira K.	Nonlinear metaheuristic cost optimization and ANFIS computing of feedback retrieval queue with two dependent phases of service under Bernoulli working vacation	International Journal of Modern Physics B					1.7	10.1142/S0217979224400046
3280	Divya A.; Manimaran A.	QSAR Analysis for the class of silicon carbide structures	International Journal of Modern Physics B					1.7	10.1142/S0217979224400022
3281	Bhavadharini R.M.; Mercy Rajaselvi Beaulah P.; Om Kumar C.U.; Krithiga R.	An obstacle aware efficient MANET routing with optimized Bi-LSTM and multi-objective constraints on improved heuristic algorithm	Journal of Ambient Intelligence and Smart Environments	15	4	357	380	1.7	10.3233/AIS-220369
3282	Agarwal L.; Mishra V.; Dwivedi R.P.; Goyal V.; Tripathi S.	Si-Ge based vertical tunnel field-effect transistor of junction-less structure with improved sensitivity using dielectric modulation for biosensing applications	Chinese Physics B	32	12			1.7	10.1088/1674-1056/acc7f6
3283	Natarajan G.; Palani Rajan T.	Comparing the mechanical properties of single and double layer 100% cotton denim fabrics for motorcycle protective clothing	Journal of the Textile Institute					1.7	10.1080/00405000.2023.2291217
3284	Nithya N.S.; Idrisi M.J.	Enhancements in Circle Rendering: An Improved Approach to the Midpoint Circle Drawing Algorithm	International Journal of Networked and Distributed Computing					1.7	10.1007/s44227-023-00016-7

3285	Sowmiya C.; Rushi Kumar B.	Mathematical modeling of viscoelastic fluid flow across a nonlinear stretching surface in porous media with varying magnetic field	International Journal of Modern Physics B					1.7	10.1142/S021797922450348X
3286	Gurusamy A.; Ashok B.	Road segment and driving schedule effects in real-time operation on electric vehicle performance and operating cost analysis	Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering					1.7	10.1177/09544070231217570
3287	Mohana C.M.; Rushi Kumar B.	Nanoparticle shape effects on MHD Cu–water nanofluid flow over a stretching sheet with thermal radiation and heat source/sink	International Journal of Modern Physics B					1.7	10.1142/S0217979224501510
3288	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
3289	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
3290	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

3291	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
3292	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
3293	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
3294	Singh A.K.	A Comparative Study of Stochastic Resonance Phenomenon under Diffusive and Direct Coupling	Fluctuation and Noise Letters					1.652	10.1142/S0219477523500128
3295	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
3296	Iqbal M., sathiyam 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

3297	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
3298	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
3299	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
3300	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
3301	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
3302	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

3303	Vijayan K., Vijayachamundeeswar i S.P.	Scrutinizing the effect of substrate temperature and enhancing the multifunctional attributes of spray deposited copper gallium sulfide (CuGaS <sub>2</sub> ) thin films	Phase Transitions					1.6	10.1080/01411594.2 023.2238110
3304	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
3305	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
3306	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
3307	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
3308	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

3309	Jayakrishna N., Nagaraju D.	An Investigation on Enhancement of Tensile Strength of AZ91D Hybrid Magnesium Matrix Composites Reinforced with Nano-TiO <sub>2</sub> and Cerium	Transactions of the Indian Institute of Metals					1.6	10.1007/s12666-023-03055-4
3310	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
3311	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
3312	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
3313	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

3314	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
3315	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
3316	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
3317	Kaveripakam S., Chinthaginjala R., Anbazhagan R., Alibakhshikenari M., Virdee B., Khan S., Pau G., Hwang See C., Dayoub I., Livreri P., Abd-Alhameed R.	Enhancement of Precise Underwater Object Localization	Radio Science	58	9			1.6	10.1029/2023RS007782
3318	Sameera K., Swarnalatha P.	Optimization with Deep Learning Classifier-Based Foliar Disease Classification in Apple Trees Using IoT Network	International Journal of Image and Graphics					1.6	10.1142/S0219467825500159
3319	Janardhanan G., Mani G., Ege O., Varadharajan V., George R.	Orthogonal neutrosophic 2-metric spaces	Journal of Inequalities and Applications	2023	1			1.6	10.1186/s13660-023-03024-x
3320	Subbaraj S., Thomas S.B.	Reconfigurable Antennas and Their Practical Applications—A Review	Radio Science	58	9			1.6	10.1029/2023RS007656

3321	Roshan T., Ghosh S., Chauhan R.P., Kumar S.	A robust study on fractional order HIV/AIDS model by using numerical methods	Engineering Computations (Swansea, Wales)	40	07-Aug	1545	1569	1.6	10.1108/EC-10-2022-0626
3322	Sekar D., Bhuvaneshwari M.	Drug Dependency Due to Traumatic Childhood Experiences and Low Emotional Intelligence of Juvenile Felons in India	Deviant Behavior					1.6	10.1080/01639625.2023.2273904
3323	Kummara S.P., Senthil Kumar N.	Flexural capacity of the new precast beam-to-beam connection	Sadhana - Academy Proceedings in Engineering Sciences	48	4			1.6	10.1007/s12046-023-02266-1
3324	Aakash Kumar P., Nandhini D., Amutha S., Syed Ibrahim S.P.	Detection and identification of healthy and unhealthy sugarcane leaf using convolution neural network system	Sadhana - Academy Proceedings in Engineering Sciences	48	4			1.6	10.1007/s12046-023-02309-7
3325	Sangeetha S.K.B., Kushwah V.S., Sumangali K., Sangeetha R., Raja K.T., Mathivanan S.K.	Effect of Urbanization Through Land Coverage Classification	Radio Science	58	11			1.6	10.1029/2023RS007816
3326	Shrivastava R., Chauhan P.S.	Spiking neural network-based computational modeling of episodic memory	Computer Methods in Biomechanics and Biomedical Engineering					1.6	10.1080/10255842.2023.2275544
3327	Mahesh P., Panigrahy D., Nayak C., Goyal A.K., Massoud Y.	Enhancement of graphene absorption: a numerical formula to design a suitable Fabry-Perot cavity in a terahertz spectral window	OSA Continuum	2	11	2363	2373	1.6	10.1364/OPTCON.503960



3328	Yajula U.A.S., Mishra G.P., Sahoo G.S.	Effect of lattice heating on the switching performance of a silicon-gate all around dielectric window spaced-multi-channel MOSFET	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields					1.6	10.1002/jnm.3187
3329	Murugusundaramoorthy G., Bulboaca T.	Initial Coefficients and Fekete-Szego Inequalities for Functions Related to van der Pol Numbers (VPN)	Mathematica Slovaca	73	5	1183	1196	1.6	10.1515/ms-2023-0087
3330	Premkumar R., Ramesh B.C., Meyyappan P.L., Shanmugasundaram M.	Influence of Na <sub>2</sub> SiO <sub>3</sub> /NaOH Ratio on Calcined Magnesium Silicate Based Geopolymer—Experimental and Predictive Study	Journal Wuhan University of Technology, Materials Science Edition	38	5	1077	1085	1.6	10.1007/s11595-023-2796-z
3331	Srivastava S.; Rasool M.	CYT387 restores Th17/Treg cell balance and inhibits mature osteoclast cell formation by regulating SOX-5 signaling in rheumatoid arthritis	Bangladesh Journal of Pharmacology	18	4	138	151	1.6	10.3329/bjp.v18i4.68901
3332	Udupa M.C.; Saha S.; Natarajan S.	Numerical simulation of the blood flow through a pre-stenotic aneurysm in coronary artery: effects of varying heart rate	Computer Methods in Biomechanics and Biomedical Engineering					1.6	10.1080/10255842.2023.2297659
3333	Segaran G.; Hannah C.C.; Sathiavelu M.	Antibacterial activity of Calathea roseopicta	Bangladesh Journal of Pharmacology	18	4	162	163	1.6	10.3329/bjp.v18i4.68145
3334	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

3335	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	10.1177/168781322 31160265
3336	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	10.1155/2023/2097 976
3337	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	10.1155/2023/1187 415
3338	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
3339	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
3340	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
3341	Vijayan K., Vijayachamundeeswar i S.P.	Effect of temperature and improving the optoelectrical attributes of copper gallium sulfide (CuGaS <sub>2</sub> ) thin films	Phase Transitions					1.529	10.1080/01411594.2 023.2184360

3342	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
3343	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.2023.3 280199
3344	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 <sub>2</sub> /MoS <sub>2</sub> nanocomposites with enhanced photocatalytic activity to degrade organic dye in wastewater and statistical optimization of reaction parameters	Inorganic and Nano-Metal Chemistry					1.514	10.1080/24701556.2 023.2188455
3345	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
3346	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.202 2.102125
3347	Nithiyanandam 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

3348	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
3349	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
3350	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
3351	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
3352	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

3353	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	10.1080/15325008.2 023.2243458
3354	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
3355	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
3356	Gundla S.C., Karthik M.P., Reddy M.J.K., Gourav, Pankaj A., Stamenkovic Z., Raja S.P.	A Feature Extraction Approach for the Detection of Phishing Websites Using Machine Learning	Journal of Circuits, Systems and Computers					1.5	10.1142/S0218126624 500312
3357	B. R N., P G.	Bearing Fault Detection: Feature Selection Algorithm Efficacy Study	IETE Journal of Research					1.5	10.1080/03772063.20 23.2248944
3358	Priya T., Prasanna M.	Component-Based Test Case Generation and Prioritization Using an Improved Genetic Algorithm	International Journal of Cooperative Information Systems					1.5	10.1142/S0218843023 50017X

3359	Rani S.A., Akila C., Raja S.P.	Guided Intelligent Hyper-Heuristic Algorithm for Critical Software Application Testing Satisfying Multiple Coverage Criteria	Journal of Circuits, Systems and Computers					1.5	10.1142/S0218126624500294
3360	Nisrin J.J., Velkennedy R., Kalidasan K., Rajesh Kanna P.	INFLUENCE OF THE ASPECT RATIO AND LOCATION OF AN ISOTHERMAL BLOCK ON THE BUOYANCY-INDUCED HEAT TRANSFER IN AN ENCLOSURE	Computational Thermal Sciences	15	5	33	53	1.5	10.1615/ComputThermalScien.2023046646
3361	Kanekal D., Jindal S.K.	Investigation of MEMS Single Turn Meander-Shaped Silicon Carbide Piezoresistive Pressure Sensor on a Clamped Circular Diaphragm for High Pressure Harsh Environment Applications	Journal of Circuits, Systems and Computers					1.5	10.1142/S0218126624500658
3362	Akilbasha A., Natarajan G.	Optimising uncertain bottleneck-cost integer transportation problems with beta distributed shipping times	International Journal of Shipping and Transport Logistics	17	01-Feb	146	163	1.5	10.1504/IJSTL.2023.132663
3363	Arockia Doss A.S., Jeyabalan A., Borah P.R., Lingampally P.K., Schilberg I.D.	Advancements in Agricultural Automation: A Comprehensive Review of Artificial Intelligence and Humanoid Robotics in Farming	International Journal of Humanoid Robotics					1.5	10.1142/S0219843623500123
3364	Padmaja K., Kumar B.R., Bég O.A., Bég T.A.	Cross-Diffusion and Higher-Order Chemical Reaction Effects on Hydromagnetic Copper-Water Nanofluid Flow over a Rotating Cone in a Porous Medium	Journal of Multiscale Modelling					1.5	10.1142/S1756973723500063

3365	Chava S.K., Agrawal M., Vidya K., Janakiraman R., Palaniyandi K., Ramachandran O., Tirkey A.J.	Role of Infrared Thermography in Planning and Monitoring of Head and Neck Microvascular Flap Reconstruction	Plastic and Reconstructive Surgery - Global Open	11	9	E5158		1.5	10.1097/GOX.0000000000005158
3366	Vasudevan K., Raghavendra B., Mithun A., Dhanushkumar T., Ahmad F., Goyal M., Bansal M., Mohammed T., Khan R.A., Pandurangam G., Doss G.P., Kamaraj B., Selvaraj G.	Integrated RNA-sequencing and network analysis approach to identify the Hub genes and vital pathways associated with gastric cancer [Enfoque integrado de secuenciación de ARN y análisis de redes para identificar los genes Hub y las vías asociadas al cáncer gástrico]	Journal of Pharmacy and Pharmacognosy Research	11	6	1017	1043	1.5	10.56499/jppres23.1684_11.6.1017
3367	Mohinder Singh B., Jaisankar N.	Efficient and Secure Sound-Based Hybrid Authentication Factor with High Usability	KSII Transactions on Internet and Information Systems	17	10	2844	2861	1.5	10.3837/tiis.2023.10.014
3368	Poongavanam E., Kasinathan P., Kandasamy K., Raja S.P.	Energy Forecasting Information System of Optimal Electricity Generation using Fuzzy-based RERNN with GPC	KSII Transactions on Internet and Information Systems	17	10	2701	2717	1.5	10.3837/tiis.2023.10.006
3369	Upender P., Kumar A.	Highly Sensitive Tunable Dual-Band THz Refractive-Based Metamaterial Sensor for Biosensing Applications	IEEE Transactions on Plasma Science	51	10	3258	3264	1.5	10.1109/TPS.2023.3314536

3370	Shyla L.; Jebamalar A.S.; Vinitha G.	Growth, Optical, Thermal, Antibacterial Activity and Computational Study of Highly Efficient Organic NLO Crystal: 2- Amino-1-methyl-4-oxo-4, 5- dihydro-1H-imidazol-3-ium 4- methyl-benzene-sulfonate	Crystal Research and Technology					1.5	10.1002/crat.2023001 41
3371	Chakraborty A.; Singh I.; Bhattacharya S.; Sharma K.P.; Namdev V.; Shukla A.K.; Alkhayat A.; Shah S.K.	Multiple Pattern Synthesis in Four-Dimensional Antenna Arrays Using the Quasi-Newton Memetic Optimization Method	IETE Journal of Research					1.5	10.1080/03772063.20 23.2294867
3372	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
3373	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
3374	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



3375	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
3376	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
3377	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
3378	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

3379	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
3380	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
3381	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
3382	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
3383	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

3384	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
3385	Natesan P., Sathishkumar V.E., Mathivanan S.K., Venkatasen 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
3386	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
3387	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
3388	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

3389	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
3390	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
3391	Kangeyan R., Karthikeyan M.	Miniaturized meander-line dual-band implantable antenna for biotelemetry applications	ETRI Journal					1.4	10.4218/etrij.2023- 0050
3392	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
3393	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
3394	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

3395	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/S17590787 23000910
3396	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	10.1080/07399332.2 023.2233093
3397	Bera A., Dey L.K., Petrușe A., Chanda A.	Best proximity results for p- proximal contractions on topological spaces	Carpathian Journal of Mathematics	39	3	621	632	1.4	10.37193/CJM.2023.0 3.04
3398	Sumathi M., Raja S.P., Vijayaraj N., Rajkamal M.	Healthcare Data Collection Using Internet of Things and Blockchain Based Decentralized Data Storage	Advances in Distributed Computing and Artificial Intelligence Journal	12	1			1.4	10.14201/adcaij.2861 2
3399	Sunny C., Balakrishnan S.	Significance of Controller Independent Bell state-based communication protocol	International Journal of Theoretical Physics	62	10			1.4	10.1007/s10773-023- 05486-7
3400	Shekhar S.K.	Covid-19 and Destination Marketing: A Science Mapping and Descriptive Analysis	Iranian journal of Management Studies	16	4	989	1010	1.4	10.22059/ijms.2023.3 48750.675381
3401	Ray A., Rai R., Singh T.N.	Numerical Study of the Effect of Water on the Flow Behaviour of Landslide-Generated Debris	Indian Geotechnical Journal					1.4	10.1007/s40098-023- 00781-w

3402	Narasimhan G., Victor A.	Analysis of computational intelligence approaches for predicting disease severity in humans: Challenges and research guidelines	Journal of Education and Health Promotion	12	1			1.4	10.4103/jehp.jehp_298_23
3403	Kamaraj S., Vuppu S.	In-silico study of bacterial keratinase and optimization of extraction procedure for keratin from Country chicken and Indian blue rock pigeon feathers	Kuwait Journal of Science					1.4	10.1016/j.kjs.2023.10.016
3404	Patil S.M., Venkatesan R.	Substrate-integrated-waveguide cavity-backed circularly polarized antenna with enhanced bandwidth and gain	ETRI Journal					1.4	10.4218/etrij.2023-0029
3405	Musthafa B., Saravanan B., Vaibhav B., Muhammad P., Sam F., Asokan M.A.	Performance and emission analysis of a diesel engine fuelled with Juliflora biodiesel: a simulation and experimental study	Australian Journal of Mechanical Engineering					1.4	10.1080/14484846.2023.2274999
3406	Ayyappan J.V.; Mohammed G.N.A.; Subbaraj S.	A four-port wideband filtering monopole MIMO array for sub-6 GHz 5G communications	International Journal of Microwave and Wireless Technologies	15	9	1620	1629	1.4	10.1017/S1759078723000375
3407	Venkatesh S.G.; Raja Balachandar S.; Jafari H.; Raja S.P.	Error analysis for a spectral element method for solving two-parameter singularly perturbed diffusion equation	International Journal of Wavelets, Multiresolution and Information Processing					1.4	10.1142/S0219691323500649

3408	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
3409	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
3410	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
3411	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
3412	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

3413	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
3414	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
3415	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
3416	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
3417	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.62.1.0 10901



3418	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
3419	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.2023.0 3.005
3420	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
3421	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
3422	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

3423	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
3424	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
3425	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
3426	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
3427	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
3428	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

3429	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
3430	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
3431	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_53 0_21
3432	Navis V.V., Greeni A.B.	Acyclic Coloring of Certain Chemical Structures	Iranian Journal of Mathematical Chemistry	14	2	109	120	1.3	10.22052/IJMC.2023.2 48463.1670
3433	Govindaraj G., Selvakumar A., Doss A.	Evaluation of Robotic Ankle-Foot Orthosis with Different Actuators Using Simscape Multibody for Foot-Drop Patients	International journal of online and biomedical engineering	19	10	156	168	1.3	10.3991/ijoe.v19i10.4 0375
3434	Singh K.G., Moorthy A.	Novel nonsense mutation in COL4A4 associated with Alport syndrome	Gene Reports	33				1.3	10.1016/j.genrep.2023 .101832

3435	Samal K.K.R., Babu K.S., Das S.K.	Spatial-temporal prediction of air quality by deep learning and kriging interpolation approach	EAI Endorsed Transactions on Scalable Information Systems	10	5	1	14	1.3	10.4108/eetsis.3325
3436	Sathishkumar S., Kamatchi Kannan V., Maheswari C., Albert Alexander S.	High gain novel two input two output buck-boost converter for electric vehicle applications	International Journal of Electronics					1.3	10.1080/00207217.2023.2267214
3437	Acharya D., Eashwer K., Kumar S., Sivakumar R., Kishoreraja P.C., Srinivasagan R.	Multiple Disease Detection using Machine Learning Techniques	International journal of online and biomedical engineering	19	13	120	137	1.3	10.3991/ijoe.v19i13.40523
3438	Harish S., Hamza M., Uma Sathyakam P., Senthil Kumar A.	Simulation and fabrication of titanium dioxide thin films for supercapacitor electrode applications	Functional Materials Letters					1.3	10.1142/S1793604723400349
3439	Verma H.; Ray A.; Rai R.; Manna B.; Singh T.N.	Numerical Analysis of a Tunnel Passing through Jointed Rockmass	Journal of the Geological Society of India	99	12	1683	1694	1.3	10.1007/s12594-023-2524-5
3440	Biswas U.; Rakshit J.K.; Nayak C.	Design of high- Q photonic crystal ring resonator incorporating Gaussian distributed inner rods for refractive index sensor	Optical Engineering	62	11			1.3	10.1117/1.OE.62.11.116101
3441	Gunaraj L.; Paul S.; Jazeel M.; Sudhagar E.; Thankachan T.	Optimization of Cutting Parameters for Hard Boring of AISI 4340 Steel Using Signal-to-Noise Ratio, Grey Relation Analysis and Analysis of Variance	Periodica Polytechnica Mechanical Engineering	67	4	259	269	1.3	10.3311/PPme.21729
3442	Gupta P.K.; Agrawal S.; Ghosh G.; S P.; Kumar V.; Paramasivam P.	Seismic behaviour of the curved bridge with friction pendulum system	Journal of Asian Architecture and Building Engineering					1.3	10.1080/13467581.2023.2292089

3443	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
3444	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/S02181266 23502006
3445	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/S02181266 23300039
3446	Johnson M., Vijayakumar V., Shukla A., Sooppy Nisar K., Hazarika B.	Existence and approximate controllability results for second-order impulsive stochastic neutral differential systems	Applicable Analysis					1.278	10.1080/00036811.2 023.2196293
3447	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/S02196913 22500527
3448	Idhaya T., Suruliandi A., Calitoiu 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/S02196913 2250045X

3449	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
3450	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
3451	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
3452	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
3453	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
3454	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

3455	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
3456	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
3457	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
3458	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
3459	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

3460	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/S02180014 23560050
3461	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/S02180014 22520309
3462	Kumar R., Chandra A., Thummalaru 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	10.1155/2023/2478 853
3463	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
3464	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



3465	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
3466	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
3467	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
3468	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/S0219649223500557
3469	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
3470	Ramachadran M., Balakrishnan S.	Correspondence between quantum communication protocol and quantum game theory	International Journal of Quantum Information					1.2	10.1142/S0219749923500314
3471	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	

3472	Jeyanthi S., Nivedhitha D.M., Thiagamani S.M.K., Nainar M.A.M., Viswapriyan A.S., Nishaanth S.G., Manoranjith S.	A Comparative Analysis of Flexible Polymer-Based Poly(vinylidene) Fluoride (PVDF) Films for Pressure Sensing Applications	Jordan Journal of Mechanical and Industrial Engineering	17	3	378	384	1.2	10.59038/jjmie/170306
3473	Cherukuri A.K., Sannuthi S., Elagandula N., Gadamsetty R., Singh N., Jain A., Sumaiya Thaseen I., Priya V., Jonnalagadda A., Kamalov F.	A Secure Peer-to-Peer Image Sharing Using Rubik's Cube Algorithm and Key Distribution Centre	Cybernetics and Information Technologies	23	3	126	144	1.2	10.2478/cait-2023-0029
3474	Patel R., Vijayakumar V., Jadon S.S., Shukla A.	An Analysis on the Existence of Mild Solution and Optimal Control for Semilinear Thermoelastic System	Numerical Functional Analysis and Optimization					1.2	10.1080/01630563.2023.2266004
3475	Yoganandan N., Baisden J., Varghese V., Vedantam A., Stemper B., Banerjee A., Jebaseelan D.	Preliminary Data of Neck Muscle Morphology With Head-Supported Mass in Male and Female Volunteers	Military medicine	188	6	385	392	1.2	10.1093/milmed/usad165
3476	Jadhav B.N., Padma Sri Lekha P., Abdul Azeez E.P., Sharma J., Yadav A., Begam J M.	Impact of gender discrimination on young Indian women's mental health: do benevolent childhood experiences play any role?	Mental Health and Social Inclusion					1.2	10.1108/MHSI-09-2023-0104
3477	Kwek C.L., Lee M.S.C., Lee S.P., Siek H.L., Keoy K.H., Cherukuri A.K.	Antecedents of Intention to Use Social Media for Virtual Events	Journal of Information and Knowledge Management					1.2	10.1142/S0219649223500636

3478	Keoy K.H., Koh Y.J., Iqbal J., Anjum S.S., Yeo S.F., Cherukuri A.K., Teoh W.Y., Piut D.A.A.	Streamlining Micro-Credentials Implementation in Higher Education Institutions: Considerations for Effective Implementation and Policy Development	Journal of Information and Knowledge Management					1.2	10.1142/S0219649223500697
3479	Prasannakumar M., Ramasubramanian V.	Predictive modeling of dose-volume parameters of carcinoma tongue cases using machine learning models	Medical Dosimetry					1.2	10.1016/j.meddos.2023.09.002
3480	Lavanya V., Kumar N.S.	Power quality improvement and seamless transfer in a grid-connected microgrid system using H $\infty$ controller	International Journal of Automation and Control	17	6	657	685	1.2	10.1504/IJAAC.2023.134553
3481	Subramani P.; Das R.K.	Possible therapeutic role of short-chain fatty acids from skin commensal bacteria in UVB-induced skin carcinogenesis	Biocell	47	10	2195	2205	1.2	10.32604/BIOCELL.2023.030383
3482	Kanshi A.; Soundrapandiyar R.; Anita Sofia V.S.; Rajasekar V.R.	Hybridized Cryptographic Encryption and Decryption Using Advanced Encryption Standard and Data Encryption Standard	Cybernetics and Information Technologies	23	4	63	78	1.2	10.2478/cait-2023-0036
3483	Vandhana S.; Anuradha J.	Spatial and Temporal Variations on Air Quality Prediction Using Deep Learning Techniques	Cybernetics and Information Technologies	23	4	213	232	1.2	10.2478/cait-2023-0045
3484	Amutha S.; Vikram Surya R.	An Improved Product Recommender System Using Collaborative Filtering and a Comparative Study of ML Algorithms	Cybernetics and Information Technologies	23	4	51	62	1.2	10.2478/cait-2023-0035

3485	Siek H.L.; Liew Y.M.; Keoy K.H.; Cherukuri A.K.	A Study of the Corporate Design Packaging of Malaysia's Processed Food	Journal of Information and Knowledge Management	22	5			1.2	10.1142/S0219649223 500260
3486	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
3487	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
3488	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
3489	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	
3490	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
3491	Sundar R.D.V., Arunachalam S.	Effect of endophytic fungi Daldinia eschscholtzii against multidrug resistant pathogens	Bangladesh Journal of Pharmacology	18	1	17	23	1.143	10.3329/bjp.v18i1.6 2914

3492	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
3493	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
3494	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–Burger's Equation	Plasma Physics Reports	49	4	454	466	1.133	10.1134/S1063780X22601171
3495	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
3496	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

3497	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
3498	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
3499	Sangeetha E., De P., Das R.	HALL AND ION EFFECTS ON BIOCONVECTIVE MAXWELL NANOFUID IN NON-DARCY POROUS MEDIUM	Special Topics and Reviews in Porous Media	14	4	1	30	1.1	10.1615/SpecialTopicsRevPorousMedia.v14.i4.10
3500	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.004735

3501	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
3502	Singh G.S., Sharma C., Padhy S.S., Dinesan D., John B.	Aerothermodynamic analysis and rear wake assessment of shock wave interference over blunt leading edge at Mach 6.5	Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering					1.1	10.1177/09544100231 199859
3503	Sivanesh S., Mani G., Venkatraman S., Nandhini R.	Air quality prediction using ensemble voting based deep learning with mud ring algorithm for intelligent transportation systems	Global Nest Journal	25	6	100	108	1.1	10.30955/gnj.004810
3504	Karthikeyini S., Vidhya G., Vetriselvi T., Deepa K.	Heart Disease Prognosis Using D- GRU with Logistic Chaos Honey Badger Optimization in IoMT Framework	Information Technology and Control	52	2	367	380	1.1	10.5755/j01.itc.52.2.3 2899
3505	Joseph S.S., Aju D.	Three dimensional reconstruction of brain tumours from 2D MRI scans: Optimised curve fitting process	International Journal of Biomedical Engineering and Technology	42	4	377	397	1.1	10.1504/IJBET.2023.13 2886
3506	Rohit B., Rao M N.	Influence of reverted austenite on fatigue life of 18 % nickel maraging steel [Einfluss von Reversionsaustenit auf die Ermüdungslebensdauer von martensitischem Stahl mit 18 % Nickelgehalt]	Materialwissensch aft und Werkstofftechnik	54	10	1283	1295	1.1	10.1002/mawe.20220 0183

3507	KUMAR B., KUMAR B.	Fossil energy reduction for heating and cooling of buildings using shallow geothermal integrated energy systems – a comprehensive review	Journal of Thermal Engineering	9	5	1386	1416	1.1	10.18186/thermal.1377257
3508	Ezhilarasi K., Hussain D.M., Sowmiya M., Krishnamoorthy N.	Crop Information Retrieval Framework Based on LDW-Ontology and SNM-BERT Techniques	Information Technology and Control	52	3	731	743	1.1	10.5755/j01.itc.52.3.31945
3509	Vinoth Kumar P., Murugan J.N.	A computational study of leading-edge wall cooling effect on shock wave–boundary layer interaction in forward-facing step	Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering					1.1	10.1177/09544100231206567
3510	Alphonse M., Adhikari S., Raja W.R.T., Nallakaruppan N., Veluchamy C., Sekaran M., Andandaraj P., Nachiappan K., Navapara R., Doshi R., Sabade N., Perumal A., Thiagarajan K., Chandrasekaran R.	Ethnobotanical and Traditional Knowledge on Psammophytic Plants: Southeast Indian Coastal Area	Egyptian Journal of Botany	63	3	877	897	1.1	10.21608/EJBO.2023.130140.1947
3511	Dineshkumar C., Vijayakumar V., Udhayakumar R., Nisar K.S., Shukla A.	Results on approximate controllability for fractional stochastic delay differential systems of order $r(1, 2)$	Stochastics and Dynamics					1.1	10.1142/S0219493723500478



3512	Amirthalingam Rajesh, Gunabalan Madhumitha	An Insight into the Insecticidal Activity of Green Synthesized Silver Nanoparticles	Colloid Journal					1.1	10.1134/S1061933X23600045
3513	V. Jagadeeswar, Dhinesh V., Roopan S.M., Samuel E.J.J.	Plant Extract-Mediated Synthesis of Ag-Doped ZnO: Eco-Friendly Nanomaterial for Environmental Restoration, Microbial Inhibition, Cell Toxicity, Antioxidant Potential, and Sensing	Colloid Journal					1.1	10.1134/S1061933X23600513
3514	Thiyagarajan R., Senthil Kumar M.	Recent Progress On Magnesium Matrix Syntactic Foams: Hollow Filler Selection, Processing Techniques, and Commercial Applications	Surface Review and Letters					1.1	10.1142/S0218625X2430003X
3515	Selvaraj R., Amali D.G.B.	Assessment of object-based classification for mapping land use and land cover using google earth	Global Nest Journal	25	7	131	138	1.1	10.30955/gnj.004829
3516	Thangamani J., Krishnasamy P.	EXPERIMENTAL INVESTIGATION ON CNC MILLING AND MECHANICAL PERFORMANCE OF FIBER COATED WIRE MESH HYBRID COMPOSITES	Surface Review and Letters					1.1	10.1142/S0218625X23500841
3517	Lavanya K., Tiwari S., Anand R., Hemanth J.	YOLO and LSH-based video stream analytics landscape for short-term traffic density surveillance at road networks	Turkish Journal of Electrical Engineering and Computer Sciences	31	6	1099	1112	1.1	10.55730/1300-0632.4036

3518	Balamurugan A., Ranjitharamasamy S.P.	A MODIFIED HEURISTICS FOR THE BATCH SIZE OPTIMIZATION WITH COMBINED TIME IN A MASS-CUSTOMIZED MANUFACTURING SYSTEM	International Journal of Industrial Engineering : Theory Applications and Practice	30	5	1090	1115	1.1	10.23055/ijietap.2023.30.5.9425
3519	Bhakuni P., Das A.	OPTIMIZING CARBON EMISSIONS AND COST IN VACCINE TRANSPORTATION: DESIGNING A TYPE-2 FUZZY ENVIRONMENT MODEL FOR EFFECTIVE VACCINE DISTRIBUTION	International Journal of Industrial Engineering : Theory Applications and Practice	30	5	1169	1193	1.1	10.23055/ijietap.2023.30.5.9465
3520	Chhabra A.; Sharma A.; Chhabra K.; Chhabra A.	A STATISTICAL ANALYSIS OF SENTIMENT OVER DIFFERENT SOCIAL PLATFORMS ON DRUG USAGE ACROSS HIGH, MIDDLE AND LOW-INCOME COUNTRIES	Scalable Computing	24	4	971	984	1.1	10.12694/scpe.v24i4.2471
3521	Suryawanshi A.; Behera N.	Prediction of mechanical properties of dental composite materials using machine learning algorithms; [Vorhersage der mechanischen Eigenschaften von Dentalverbundwerkstoffen mithilfe von Algorithmen des maschinellen Lernens]	Materialwissenschaft und Werkstofftechnik	54	11	1350	1361	1.1	10.1002/mawe.202200294

3522	Bhakuni M.S.; Das A.	OPTIMIZING HUMANITARIAN RELOCATION OF CONTAGIOUS AND NON-CONTAGIOUS POPULATIONS DURING THE RECOVERY PHASE: A MODEL FOR MINIMIZING COST AND TIME UNDER UNCERTAINTY	International Journal of Industrial Engineering : Theory Applications and Practice	30	6	1411	1446	1.1	10.23055/ijietap.2023.30.6.9699
3523	Edward J.L.; Chanda A.; Nashine H.K.	SOLUTIONS OF HIGHER ORDER FRACTIONAL DIFFERENTIAL EQUATIONS IN RIESZ SPACE WITH ANTI-PERIODIC BOUNDARY CONDITIONS	Journal of Nonlinear and Convex Analysis	24	9	1929	1938	1.1	
3524	Deshpande A.V.; Subashini M.M.	Transfer Learning-based Drowsiness Detection System for Driver Assistance and Classification of Traffic Signs Employing a Deep Convolutional Neural Network	International Journal on Artificial Intelligence Tools	32	8			1.1	10.1142/S0218213023500355
3525	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	10.2174/1570180819666220620094943
3526	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	10.2174/1570180819666220429161808

3527	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/S0218213023400134
3528	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
3529	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
3530	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

3531	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
3532	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/S0218488523400020
3533	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/S0218488523400032
3534	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/S0218488523400044
3535	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/S0218488523400068
3536	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

3537	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.2023.14027
3538	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
3539	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
3540	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
3541	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
3542	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

3543	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
3544	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
3545	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
3546	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
3547	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
3548	Karupphasamy 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
3549	Sakthi I., Das R., Bala Anki Reddy P.	Entropy generation analysis on MHD flow of second-grade hybrid nanofluid over a porous channel with thermal radiation	Numerical Heat Transfer, Part B: Fundamentals					1	10.1080/10407790.2023.2252600

3550	Zou P.H., Priscilla B.E.	Folklore: An identity born of shared grief	Cogent Arts and Humanities	10	1			1	10.1080/23311983.2023.2249279
3551	Mariappan S., Somasundaram K., Muthusamy S., Sivasubramani D.N., Suprakash A.S., Kothandapani K.	Lateral-Torsional Buckling of Non-Prismatic I-beams with and without Girders: Linear Analytical and Elastic FEM Approaches	Medziagotyra	29	3	397	402	1	10.5755/j02.ms.33151
3552	Anikrishnan M., Kannan C.	Mitigation of thermal runaway in air cooled Li-ion batteries using a novel cell arrangement coupled with air flow improver: A numerical investigation and optimization	Numerical Heat Transfer, Part B: Fundamentals					1	10.1080/10407790.2023.2254931
3553	Sulaiman Basha M.I., Anthony D.M.G.	Numerical investigation of non-linear radiative flow of hybrid nanofluid past a stretching cylinder with inclined magnetic field	Numerical Heat Transfer, Part B: Fundamentals					1	10.1080/10407790.2023.2257381
3554	Mohan S., Karmakar M.	Obstetric violence, birth trauma, agency, and care in Ami McKay's The Birth House	Cogent Arts and Humanities	10	1			1	10.1080/23311983.2023.2249281
3555	Henge S.K., Jayaraman G., Sreedevi M., Rajakumar R., Rashid M., Alshamrani S.S., Alnfai M.M., Alghamdi A.S.	Secure keys data distribution based user-storage-transit server authentication process model using mathematical post-quantum cryptography methodology	Networks and Heterogeneous Media	18	3	1313	1334	1	10.3934/NHM.2023057
3556	Seethalakshmi Y.M.M., Andavar S., Raj R.S.P.	A Survey on Feature Extraction Techniques, Classification Methods and Applications of Sentiment Analysis	Brazilian Archives of Biology and Technology	66				1	10.1590/1678-4324-2023220654



3557	Daniel A.J., Meena M.J.	A hybrid sentiment analysis approach using black widow optimization based feature selection	Journal of Engineering Research (Kuwait)	11	2	258	271	1	10.36909/jer.12039
3558	Mutra R.R., Reddy D.M., Amarnath M., Rani M.N.A., Yunus M.A., Sani M.S.M.	Artificial Neural Network-Based Fault Diagnosis of Gearbox using Empirical Mode Decomposition from Vibration Response	International Journal of Automotive and Mechanical Engineering	20	3	10695	10709	1	10.15282/ijame.20.3.2023.12.0826
3559	Jagadesh V., Sreenadh S., Ajithkumar M., Lakshminarayana P., Sucharitha G.	Investigation of dissipative heat transfer and peristaltic pumping on MHD Casson fluid flow in an inclined channel filled with porous medium	Numerical Heat Transfer, Part B: Fundamentals					1	10.1080/10407790.2023.2269608
3560	Gnanasekaran M., Satheesh A.	Double-diffusive mixed convection with four heated square blocks for different working fluids in a square cavity	Numerical Heat Transfer, Part B: Fundamentals					1	10.1080/10407790.2023.2265550
3561	Senthilkumar G., Tamilarasi K., Velmurugan N., Periasamy J.K.	Resource Allocation in Cloud Computing	Journal of Advances in Information Technology	14	5	1063	1072	1	10.12720/jait.14.5.1063-1072
3562	Gairola A.R., Bisht N., Rathour L., Mishra L.N., Mishra V.N.	Order of Approximation by a New Univariate Kantorovich Type Operator	International Journal of Analysis and Applications	21				1	10.28924/2291-8639-21-2023-106
3563	Idhaya T., Suruliandi A., Raja S.P.	Stacked framework of machine learning classifiers for protein family prediction using protein characteristics	Current Science	125	5	508	517	1	10.18520/cs/v125/i5/508-517

3564	Bairabathina S., Balamurugan S.	Modelling and Real-time Validation of a Two-input High-gain DC-DC Converter with a Reduced Number of Switches	International Journal of Renewable Energy Research	13	3	1160	1168	1	10.20508/ijrer.v13i3.1 4127.g8788
3565	Zhang J., Zhou J., Huang M., Raj R.S.P.	Segmentation for Athlete's Ankle Injury Image Using Residual Double Attention U-Net Model	Brazilian Archives of Biology and Technology	66				1	10.1590/1678-4324- 2023230335
3566	Ramamoorthy H., Ramasundaram M., Raj R.S.P., Randive K.	Equilibrium Optimization Algorithm with Deep Learning Based Brain Tumor Segmentation and Classification on Magnetic Resonance Imaging	Brazilian Archives of Biology and Technology	66				1	10.1590/1678-4324- 2023220896
3567	Sakkaravarthi K., Bala Anki Reddy P.	Non-linear thermal radiation and entropy generation on MHD Casson and Williamson hybrid nanofluids across a curved stretching sheet with Cattaneo- Christov heat flux model	Radiation Effects and Defects in Solids					1	10.1080/10420150.20 23.2283840
3568	Valliammal N., Jothimani K., Panda S.K., Vijayakumar V.	An investigation on the existence and approximate controllability of neutral stochastic hemivariational inequalities	Rendiconti del Circolo Matematico di Palermo					1	10.1007/s12215-023- 00967-4
3569	Bharathiraja S., Rajesh Kanna B., Geetha S., Anusooya G.	Unmasking the digital deception - a comprehensive survey on image forgery and detection techniques	Australian Journal of Forensic Sciences					1	10.1080/00450618.20 23.2270575

3570	Lanka S.S.; Borah K.; Gopalan V.; Prakasam V.; Mannayee G.	Computational Buckling Analysis of Epoxy-Based Composite Reinforced with Sugarcane Fiber, Fly-Ash, and Carbon Nanotube	Brazilian Archives of Biology and Technology	66				1	10.1590/1678-4324-2023220280
3571	Naik B.R.; Tyagi B.K.; Xue R.-D.	MOSQUITO-BORNE DISEASES IN INDIA OVER THE PAST 50 YEARS AND THEIR GLOBAL PUBLIC HEALTH IMPLICATIONS: A SYSTEMATIC REVIEW	Journal of the American Mosquito Control Association	39	4	258	277	1	10.2987/23-7131
3572	Chitra M.; Jeevitha S.; Rushi Kumar B.	Effects of cross diffusion on radiative MHD flow over a rotating cone through porous medium	Numerical Heat Transfer, Part B: Fundamentals					1	10.1080/10407790.2023.2292750
3573	M P.; A D.M.G.	Bioconvection effects on the heat and mass transfer of unsteady MHD blood flow over a permeable artery	Numerical Heat Transfer, Part B: Fundamentals					1	10.1080/10407790.2023.2282168
3574	Chowdary M.K.; Priya E.A.; Danculescu D.; Anitha J.; Hemanth D.J.	Hybrid deep learning models based emotion recognition with speech signals	Intelligent Decision Technologies	17	4	1435	1453	1	10.3233/IDT-230216
3575	Jiang T.; Feng F.; Cao Y.; Yang H.; Raj R.S.P.	Image Segmentation Method for Athlete Knee Joint Injury Using Transformer Model by MIoT	Brazilian Archives of Biology and Technology	66				1	10.1590/1678-4324-2023230325
3576	Priya C.; Durai Raj Vincent P.M.	An Efficient CSPK-FCM Explainable Artificial Intelligence Model on COVID-19 Data to Predict the Emotion Using Topic Modeling	Journal of Advances in Information Technology	14	6	1390	1402	1	10.12720/jait.14.6.1390-1402

3577	Banerjee S.; Roy K.	“Tracing the Everyday Sensory Heritage of Kolkata Streets” — “Sohorer Songbedon”: A museological review	Curator					1	10.1111/cura.12582
3578	Mani R.K.C.; Kamalakannan J.	Technique for breast cancer classification using semi-supervised deep convolutional neural networks with transfer learning models	Current Science	125	9	970	982	1	10.18520/cs/v125/i9/970-982
3579	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
3580	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
3581	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
3582	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
3583	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

3584	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
3585	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
3586	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
3587	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
3588	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

3589	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
3590	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
3591	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
3592	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

3593	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
3594	Radhakrishnan M., Premkumar V.J., Guddimettla M.T., Choudhury S., Basu S., Gupta S.	Assessment of abdominal rehabilitation for diastasis recti abdominis using ensemble autoencoder	Proceedings of the Indian National Science Academy					0.9	10.1007/s43538-023-00205-6
3595	Sarkar N., De S., Das M., Saha T., Banerjee S., Kumar S.K.A., Kuo Y.-C.	Insights of Indole: A Novel Target in Medicinal Chemistry (A Review)	Russian Journal of General Chemistry	93	7	1791	1841	0.9	10.1134/S1070363223070216
3596	Jeevan R.R., Murari B.M.	IN SILICO MODELING of PORCINE PERICARDIAL TISSUE LEAFLETS for TRANSCATHETER MITRAL VALVE REPLACEMENT	Biomedical Engineering - Applications, Basis and Communications	35	4			0.9	10.4015/S101623722350014X
3597	Nair S.S., Subaji M.	A Novel Feature Fusion for the Classification of Histopathological Carcinoma Images	International Journal of Advanced Computer Science and Applications	14	9	688	697	0.9	10.14569/IJACSA.2023.0140972
3598	Subramaniam S., Shankar M.R., Zazali A.A., Swin H.S., Muhamed Z., Rajagopal S., Napiah M.Z., Embung F.	A Survey of Evolving Performance Analysis Technologies, Algorithms and Models for Sports	International Journal of Advanced Computer Science and Applications	14	9	153	161	0.9	10.14569/IJACSA.2023.0140916

3599	Maanvizhi M., Prakash C., Babu V.R.	Study on thermal comfort behaviour of seams made of micro-denier polyester sewing thread for high active sportswear [Toplotni komfor šavova formiranih upotrebom šivaćeg konca od polies-tarskih mikrofilamenata namenjenih za profesionalnu sportsku odeću]	Hemijska Industrija	77	3	223	230	0.9	10.2298/HEMIND220517006M
3600	Sakthivel K., Subhiksha J., Raju A., Kumar R., Dohi T., Singh F.V.	Recent progress in hypervalent iodine-mediated fluorination of organic compounds	Arkivoc	2022				0.9	10.24820/ark.5550190.p011.996
3601	Vasumathi A., Mary T.S., Mamilla R., Thangaiah I.S.S.	An impact of demographic profile of undergraduate students on the entrepreneurial knowledge and intention in Tamil Nadu, India	International Journal of Knowledge and Learning	16	4	341	353	0.9	10.1504/IJKL.2023.134096
3602	Kumar R., Chandra A., Mishra N., Chaudhary R.K.	A Frequency Tunable Dielectric Resonator Antenna with Reduction of Cross Polarisation for Wi-MAX and Sub-6 GHz 5G Applications	Defence Science Journal	73	4	475	486	0.9	10.14429/dsj.73.18180
3603	Avudaiammal R.; Rajangam V.; Durai Raji V; Senthil Kumar S	Color Models Aware Dynamic Feature Extraction for Forest Fire Detection Using Machine Learning Classifiers	Automatic Control and Computer Sciences	57	6	627	637	0.9	10.3103/S0146411623060020



3604	Nataraj N.B.; Raja S.	SCREENING OF VARIOUS PROMOTERS FOR INCREASED PROTEIN EXPRESSION	Journal of Microbiology, Biotechnology and Food Sciences	13	3			0.9	10.55251/jmbfs.9863
3605	Karthick M.; Chandru Vignesh C.; Alfred Daniel J.; Sivaparthipan C.B.	An Efficient Multi-mobile Agent Based Data Aggregation in Wireless Sensor Networks Based on HSSO Route Planning	Ad-Hoc and Sensor Wireless Networks	57	03-Apr	187	207	0.9	10.32908/ahswv.v57.10319
3606	Venkatasachandran P.; Iyapparaja M.	Review on Pest Detection and Classification in Agricultural Environments Using Image-Based Deep Learning Models and Its Challenges	Optical Memory and Neural Networks (Information Optics)	32	4	295	309	0.9	10.3103/S1060992X23040112
3607	Revathi R.; Revathi S.; Jothiramalingam R.; Sukumar M.; Basith N.M.; Sundararajan M.; Yuvaraj S.; Arokiyaraj S.	Green synthesis of emerging ZnO and Ca-doped ZnO nanoparticles towards optical, magnetic properties and its antibacterial application	Digest Journal of Nanomaterials and Biostructures	18	4	1587	1597	0.9	10.15251/DJNB.2023.184.1587
3608	Chidambaram R.K.; Kanna R.; Gopal P.; Arumugam S.K.	Experimental and numerical analysis of vortex generators designed for utility vehicles	Archives of Thermodynamics	44	3	217	240	0.9	10.24425/ather.2023.147545
3609	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
3610	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

3611	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
3612	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
3613	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
3614	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
3615	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
3616	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

3617	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
3618	Dey S., Laurian-loan 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
3619	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
3620	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
3621	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
3622	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
3623	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

3624	Wani S.A., Nahid T., Hussain K., Jeelani M.B.	A unified matrix approach to the Legendre–Sheffer and certain hybrid polynomial sequences	Journal of Analysis					0.8	10.1007/s41478-023-00648-6
3625	Raiz M., Rajawat R.S., Mishra L.N., Mishra V.N.	Approximation on bivariate of Durrmeyer operators based on beta function	Journal of Analysis					0.8	10.1007/s41478-023-00639-7
3626	Nahid T., Rani H.P.	Mittag-Leffler based Bessel and Tricomi functions via umbral approach	Reports on Mathematical Physics	92	1	1	17	0.8	10.1016/S0034-4877(23)00051-4
3627	Chinnathambi K., Gowrisankar A.	On the variable order Weyl-Marchaud fractional derivative of non-affine fractal function	Journal of Analysis					0.8	10.1007/s41478-023-00566-7
3628	Ravichandran C., Kumar R., Kumar T.S., Veluri R.K.	Security enhancement in wireless sensors using blockchain technology	International Journal of Electronic Security and Digital Forensics	15	5	516	531	0.8	10.1504/IJESDF.2023.133194
3629	Keerthiga S., Indhira K.	Two phase of service in M/G/1 queueing system with retrial customers	Journal of Analysis					0.8	10.1007/s41478-023-00635-x
3630	Kumar T.S., Andrews L.J.B., Madhini M., Hemalatha K.	Utilising blockchain technology to provide safety for smart home networks	International Journal of Electronic Security and Digital Forensics	15	5	532	540	0.8	10.1504/IJESDF.2023.133193
3631	Sindhu S., Arockiasamy S.	CRYSTAL STRUCTURE, SPECTRAL CHARACTERISATION AND THERMAL STUDY OF A NOVEL COMPOUND (Z)-3-((2-HYDROXYPROPYL) AMINO)-N,N-DIMETHYLBUT-2-ENAMIDE	Journal of Structural Chemistry	64	9	1677	1685	0.8	10.1134/S0022476623090111

3632	Bhardwaj S., Patil S., Joshi V.V.	Applicability of double power law model for the statistical analysis of meteorological wind velocity time series data	International Journal of Computing Science and Mathematics	18	2	152	161	0.8	10.1504/IJCSM.2023.133632
3633	Rayer C.J., Sankar J.R.	Wiener index and graph energy of zero divisor graph for commutative rings	Asian-European Journal of Mathematics					0.8	10.1142/S179355712350211X
3634	Abdul Azeez E.P., Negi D.P., Kukreja T., Tanwar K.C., Surya Kumar M., Kalyani V., Harmain D.	Why do they decide to stay? Experience of Indian women surviving intimate partner violence	Journal of Aggression, Conflict and Peace Research					0.8	10.1108/JACPR-09-2023-0827
3635	Valarmathi R.; Gowrisankar A.	Variable order fractional calculus on $\alpha$ -fractal functions	Journal of Analysis	31	4	2799	2815	0.8	10.1007/s41478-023-00601-7
3636	Suresh A.; Abraham J.	Biotransformation of Ibuprofen using <i>Providencia rettgeri</i> 2AJS and <i>Streptomyces tendae</i> AJ1	Applied Biochemistry and Microbiology	59	6	881	890	0.8	10.1134/S0003683823060182
3637	Hussain A.; Christopher J.G.	Antibacterial Activities of Secondary Metabolites Derived from <i>Streptomyces</i> sp. VITGV38 (MCC4869) against Selected Uropathogens	Journal of Pure and Applied Microbiology	17	4	2443	2452	0.8	10.22207/JPAM.17.4.42
3638	Agathiyan A.; Gowrisankar A.; Natarajan P.; Bingi K.; Shaik N.B.	Note on Fourier Transform of Hidden Variable Fractal Interpolation	Engineering Journal	27	12	23	36	0.8	10.4186/ej.2023.27.12.23
3639	Upadhyay R.; Ramamoorthy S.	Nutritional Profiling, Antioxidant Potential and Collagen Building Properties of Lacto-Fermented, Microencapsulated Guava Juice Powder	Current Research in Nutrition and Food Science	11	3	1107	1115	0.8	10.12944/CRNFSJ.11.3.16

3640	John I.P.; Gurumurthy K.	Physicochemical Characterization and Functional Properties of Fruit Dietary Fibers	Current Research in Nutrition and Food Science	11	3	1300	1307	0.8	10.12944/CRNFSJ.11.3.31
3641	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
3642	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
3643	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
3644	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
3645	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

3646	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
3647	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
3648	Berin Greeni A., Jancy S.	Eccentric Connectivity Index of Nanosheets and Nanotube of SiO <sub>2</sub>	Journal of Advanced Computational Intelligence and Intelligent Informatics	27	4	649	654	0.7	10.20965/jaciii.2023.p0649
3649	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
3650	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	
3651	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

3652	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
3653	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
3654	Krismadinata K., Asnil A., Husnaini I., Lapisia R., Maulana R., Yuhendri M., Astrid E., Logamani P.	Photovoltaic Energy Harvesting with Static and Dynamic Solar Modules Employing IoT-Enabled Performance Monitoring	TEM Journal	12	3	1354	1363	0.7	10.18421/TEM123-15
3655	Parui J., Mani R., Jose J., Parwin S., Varadarajan E., Natarajan V.	Towards Optimizing Surface Coverage for PVP-Assisted PZT Ferroelectric Thick Film	Integrated Ferroelectrics	237	1	107	124	0.7	10.1080/10584587.2023.2227057
3656	Krishnan S.H., Vishwa C., Suchetha M., Raman A., Raman R., Sehastrajit S., Dhas D.E.	Comparative performance of deep learning architectures in classification of diabetic retinopathy	International Journal of Ad Hoc and Ubiquitous Computing	44	1	23	35	0.7	10.1504/IJAHUC.2023.133449
3657	Ahmed M.H., Subramanian S.	An effective Application of response surface methodology combined-artificial neural network for bisphenol-A(BPA) treatment using synthesized CNT-MnO2 composite	Journal of Environmental Engineering and Science					0.7	10.1680/jenes.23.00033



3658	Hazra S., Reddy K.J.	Development of powertrain mounting system for high frequency characteristics optimisation in electric vehicles	International Journal of Electric and Hybrid Vehicles	15	3	234	255	0.7	10.1504/IJEHV.2023.134348
3659	Reddy G.N., Ravi Kumar C.V.	Deep learning-based channel estimation in MIMO system for pilot decontamination	International Journal of Ad Hoc and Ubiquitous Computing	44	3	148	166	0.7	10.1504/IJAHUC.2023.134777
3660	Abishek E.; Azhagar E.; Esakkimuthu M.; Arumugam K.	Design and Evaluation of Ultra-broadband Metamaterial Absorber for Energy Harvesting Applications	Applied Computational Electromagnetics Society Journal	38	6	416	423	0.7	10.13052/2023.ACES.J.380606
3661	Abishek E.; Subramaniam R.; Ramanujam P.; Esakkimuthu M.	Low-profile Circularly Polarized Conformal Antenna Array with Side Lobe Suppression for Vehicular SATCOM Applications	Applied Computational Electromagnetics Society Journal	38	6	439	447	0.7	10.13052/2023.ACES.J.380608
3662	Ramgir S.S.; Annamalai S.; Abilash V.G.	In Silico Analysis of Functional SNPs in Genes of Complete Androgen Insensitivity Syndrome (CAIS): A Retrospective, Case–Control Study	Journal of Obstetrics and Gynecology of India					0.7	10.1007/s13224-023-01876-3
3663	Raj T.G.T.J.; Suganthi A.S.; Raj T.G.T.J.; Anilkumar G.	Morphological and molecular identification of the freshwater crab, <i>Barytelphusa cunicularis</i> from Kanniyakumari, India	Journal of Environmental Biology	44	6	804	810	0.7	10.22438/jeb/44/6/5088

3664	Ashwini T.R.; Potdar M.P.; Aravind Kumar B.N.; Patil P.L.	INFLUENCE OF OPTICAL SENSOR-BASED NITROGEN MANAGEMENT PRACTICES ON MITIGATING LEAF REDDENING IN BT COTTON AND ITS SPECTRAL CHARACTERIZATION	Applied Ecology and Environmental Research	21	6	5233	5245	0.7	10.15666/aeer/2106_52335245
3665	Musthafa B.; Asokan M.A.	A Comparative Study of Fuel Filterability, Performance, and Emission Characteristics in CI Engine Fuelled with a Dual Biodiesel Mixture Blended with Conventional Diesel	Solid Fuel Chemistry	57		S42	S52	0.7	10.3103/S0361521923070066
3666	Babu P.; Columbus C.; Lakshmi S.R.; Columbus J.	WIND TURBINE FAULT MODELING AND CLASSIFICATION USING CUCKOO-OPTIMIZED MODULAR NEURAL NETWORKS	Revue Roumaine des Sciences Techniques Serie Electrotechnique et Energetique	68	4	369	374	0.7	10.59277/RRST-EE.2023.4.8
3667	Verma S.K.; Vats R.K.; Nashine H.K.; Srivastava H.M.	EXISTENCE RESULTS FOR A FRACTIONAL DIFFERENTIAL INCLUSION OF ARBITRARY ORDER WITH THREE-POINT BOUNDARY CONDITIONS	Kragujevac Journal of Mathematics	47	6	935	945	0.7	10.46793/KGJMAT2306.935V
3668	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
3669	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

3670	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
3671	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
3672	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
3673	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

3674	Suresh V., Sudabattula S.K., Prabakaran N., Sitharthan R., Rajesh M.	An integrated approach for scheduling electric vehicles and distributed generators in a smart distribution system	International Journal of Heavy Vehicle Systems	30	3	317	334	0.6	10.1504/IJHVS.2023.132993
3675	Sudhakaran S., Maheswari R.	MAJOR CHALLENGES IN SMART CITY DATA COLLECTION USING IOT DEVICES	Journal of Engineering Science and Technology	18		1	8	0.6	
3676	Vignesh U., Rajendiran P., Anandan P., Jeyakrishnan V., Saravanakumar M., Padmanaban K., Saranya N., Senthil Kumar A.M., Raja G.	OPTIMIZED GREEN COMPUTING ON SERVICE-ORIENTED INFRASTRUCTURE PLATFORM DEPLOYMENT MODEL	Journal of Engineering Science and Technology	18	3	17	24	0.6	
3677	Saranya C.R., Sathya Narayana Sharma K., Vijayaraghavan R.	On Designing Sampling Inspection Plans by Variables Based on Skew-Normal Distribution	Thailand Statistician	21	4	853	862	0.6	
3678	Dhivya S., Anuradha C.	In-vivo dosimetry in total body irradiation using Gafchromic <sup>TM</sup> EBT-3 film: A retrospective analysis for quality assurance	International Journal of Radiation Research	21	2	311	317	0.6	10.52547/ijrr.21.2.19
3679	Muthukannan M., Arunkumar K., Sureshkumar A., Ganesh A.C., Devi R.K.	Mechanical characterisation of waste wood ash-based green geopolymer concrete incorporated with waste rubber and polypropylene fibre	International Journal of Environment and Waste Management	32	4	469	486	0.6	10.1504/IJEW.2023.134524
3680	Priyadharshini V.; Nalliah M.	Local distance antimagic chromatic number for the union of complete bipartite graphs	Tamkang Journal of Mathematics	54	4	281	291	0.6	10.5556/j.tkjm.54.2023.4804

3681	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
3682	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
3683	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
3684	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
3685	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

3686	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
3687	Reddy A.S., Thamizharasan T.	Pulsatile flow of Jeffrey hybrid nanofluid in a vertical channel with entropy generation	Indian Journal of Chemical Technology	30	4	534	546	0.5	10.56042/ijct.v30i4.69826
3688	Kumar K.A.V., Sucharitha S.T., Priyadarshini R., Rajendran N.	Comparative approach for discovery of cancerous skin using deep structured learning	International Journal of Nanotechnology	20	05-Oct	744	758	0.5	10.1504/IJNT.2023.134030
3689	Agarwal P., Gorijavolu D., Sastry G.H., Marriboyina V., Babu D.V., Kishore G.K.	Real time crop field monitoring system using agriculture IoT systems	International Journal of Nanotechnology	20	05-Oct	586	599	0.5	10.1504/IJNT.2023.134016
3690	Thulasikanth V., Padmanabhan R.	A STUDY ON SOUND-ABSORPTION ABILITY OF CLOSED-CELL ALUMINIUM FOAMS [ŠTUDIJA SPOSOBNOSTI ABSORPCIJE ZVOKA KOVINSKIH PEN Z ZAPRTIMI CELICAMI NA OSNOVI ALUMINIJA]	Materiali in Tehnologije	57	5	423	431	0.5	10.17222/mit.2023.741

3691	Vinodhini N., Ramachandra Prasad V.	Magneto-hybrid nanofluid (Al <sub>2</sub> O <sub>3</sub> / Cu –Oil) flow in a porous square enclosure with Cattaneo-Christov heat flow model-sensitivity analysis	Indian Journal of Chemical Technology	30	5	714	730	0.5	10.56042/ijct.v30i5.5194
3692	Rathour L., Rehman A.U., Bibi S., Farid G., Mishra L.N., Mishra V.N.	k-Fractional Integral Inequalities Of Hadamard Type For Strongly Exponentially ( $\alpha, h - m$ )-Convex Functions	Applied Mathematics E - Notes	23		393	411	0.5	
3693	Singh A.C., Bhuvaneswari M.	Does mental health really matter? The dynamics of emotion and organizational behavior	International Journal of Advanced and Applied Sciences	10	9	110	123	0.5	10.21833/ijaas.2023.09.013
3694	Priyadharshini V., Nalliah M.	Local Distance Antimagic Chromatic Number for the Union of Star and Double Star Graphs	Ukrainian Mathematical Journal	75	5	765	781	0.5	10.1007/s11253-023-02227-1
3695	Khatri S.; Kumar Prasad A.	DUALITY FOR A FRACTIONAL VARIATIONAL FORMULATION USING $\eta$ -APPROXIMATED METHOD	Kybernetika	59	5	700	722	0.5	10.14736/kyb-2023-5-0700
3696	Reddy A.S.; Rajamani S.	A study on entropy generation of hydromagnetic oscillating flow of a diamond-ethylene glycol+water based couple stress nanofluid in a vertical channel in the presence of Joule heating and thermal radiation	Indian Journal of Chemical Technology	30	6	848	862	0.5	10.56042/ijct.v30i6.6551

3697	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
3698	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
3699	Farid G., Bibi S., Rathour L., Mishra L.N., Mishra V.N.	FRACTIONAL VERSIONS OF HADAMARD INEQUALITIES FOR STRONGLY (s, m)-CONVEX FUNCTIONS VIA CAPUTO FRACTIONAL DERIVATIVES	Korean Journal of Mathematics	31	1	75	94	0.4	10.11568/kjm.2023.31.1.75
3700	Murugusundaramoorthy G.	APPLICATION OF MITTAG–LEFFLER FUNCTION ON CERTAIN SUBCLASSES OF ANALYTIC FUNCTIONS	Turkish World Mathematical Society Journal of Applied and Engineering Mathematics	13	4	1491	1502	0.4	
3701	Donbosco J.S.M.; Ganesan D.	The energy of interval valued neutrosophic matrix in decision-making to select the manager for the company project	Operations Research and Decisions	33	4	35	51	0.4	10.37190/ord230403
3702	Ganesan N.; Gopalakrishnan B.	WENDY MITCHELL AS AN EPITOME OF A POSTHUMAN SUBJECT	Journal of Posthuman Studies	7	1	1	12	0.4	10.5325/jpoststud.7.1.0091



3703	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
3704	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
3705	Vinothini P., Kavitha K.	A STUDY OF TWO SPECIES MODEL WITH HOLLING TYPE RESPONSE FUNCTION USING TRIANGULAR FUZZY NUMBERS	Journal of Applied Mathematics and Informatics	41	4	723	739	0.3	10.14317/jami.2023.7 23
3706	An S.H., Murugusundaramoorthy G., Cho N.E.	SUBORDINATIONS BY CERTAIN UNIVALENT FUNCTIONS ASSOCIATED WITH A FAMILY OF LINEAR OPERATORS	Journal of Applied Mathematics and Informatics	41	5	1103	1114	0.3	10.14317/jami.2023.1 103
3707	Kushwaha J.K., Rathour L., Mishra L.N., Kumar K.	APPROXIMATION OF LIPSCHITZ CLASS BY DEFERRED- GENERALIZED NÖRLUND ( $D_{\gamma\beta}$ .Npq) PRODUCT SUMMABILITY MEANS	Journal of Applied Mathematics and Informatics	41	5	1057	1069	0.3	10.14317/jami.2023.1 057
3708	Balaji R., Antline Nisha B., Saradha M., Udhayakumar R.	Numerical Solutions of Fuzzy Differential Equations by Harmonic Mean and Cubic Mean of Modified Euler's Method	Contemporary Mathematics (Singapore)	4	3	581	589	0.3	10.37256/cm.4320233 393

3709	Khan I.E.; Paramasivam R.	Markovian Erlang Non-Constricted Single-Channel with Encouraged Arrival in Steady State with Balking, Feedback Strategy, and Customer Retention	Contemporary Mathematics (Singapore)	4	4	769	781	0.3	10.37256/cm.4420232964
3710	Sivasankar S.; Udhayakumar R.; Muthukumaran V.; Al-Omari S.	Approximate Controllability Outcomes of Impulsive Second-Order Stochastic Neutral Differential Evolution Systems	Contemporary Mathematics (Singapore)	4	4	782	816	0.3	10.37256/cm.4420233253
3711	Jeyachandhiran R.; Rajendran P.	Efficacy of the Single Server Markovian Two-Phase Symmetric Queue with Encouraged Stationary-Queue-Size Analysis	Contemporary Mathematics (Singapore)	4	4	1150	1173	0.3	10.37256/cm.4420233505
3712	Gayathiri V.; Manimaran A.	Computing Topological Indices of 3-Layered Artificial Neural Network	Contemporary Mathematics (Singapore)	4	4	1135	1149	0.3	10.37256/cm.4420233502
3713	Sahu H.; Kashyap R.; Bhatia S.; Dewangan B.K.; Alkhalidi N.A.; Babu S.A.; Mohan S.	Analysis of Deep Learning Methods for Healthcare Sector-Medical Imaging Disease Detection	Contemporary Mathematics (Singapore)	4	4	830	852	0.3	10.37256/cm.4420232496
3714	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.2023.100886

3715	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
3716	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
3717	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- $\beta$ -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
3718	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
3719	Setia P., Sandosh S.	ENHANCING CYBERSECURITY DEFENSE OF IOT ECOSYSTEM USING BLOCKCHAIN	Suranaree Journal of Science and Technology	30	4	1	14	0.2	10.55766/sujst-2023-04-e01071
3720	Ghosh A., Moorthy A.	TP53 Mutations R175H and R249S Are Rare in Indian Head and Neck Cancer Patients	Indian Journal of Medical and Paediatric Oncology					0.2	10.1055/s-0043-1774776

3721	Mishra S.	Translation of Spanish Classics of Spanish Golden Age period to Hindi in last 20 years: An Overview; [La traducción de los clásicos del Siglo de Oro al hindi en los últimos 20 años: un panorama]	Hipogrifo	11	2	637	647	0.2	10.13035/H.2023.11.02.43
3722	Jandhyala S.; Kumar N.	INDIAN PHILOSOPHICAL MODEL OF AUTHENTIC LEADERSHIP AND MANAGEMENT	Journal of Dharma	48	3	393	406	0.2	
3723	Vasundhara; Tyagi S.	Kosher and American-Jewish Culture in Philip Roth's Indignation; [Cultura kosher e judaica americana em "Indignação" de Philip Roth]; [Cultura kosher y judía estadounidense en "Indignación" de Philip Roth]	Cultura de los Cuidados	27	67	321	335	0.2	10.14198/cuid.20621
3724	Cynthiya R.J.S., Bhuvanewari R.	FOLKTALES FROM SIX CONTINENTS: CULTURAL INFLUENCE AND LIFE SKILL DEVELOPMENT FOR CHILDREN	Folia Linguistica et Litteraria	44		165	177	0.1	10.31902/fil.44.2023.9

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