

S. No.	Year	Title of Publication	Name of Journal	Names of Authors	Name of Publisher (Journal)	DOI	URL of Paper (SCOPUS)	URL of Paper (online journal)	Source
1	2022	Extraction of Chromium Oxide from CCLW to Develop the Aluminium Based Composite by FSP as Reinforcement alongwith Alumina	Evergreen	Anas Islam, Shashi Prakash Dwivedi, Vijay Kumar Dwivedi, Rajat Yadav	Joint Journal of Novel Carbon Resource Sciences and Green Asia Strategy	10.5109/6625714	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147340396&doi=10.5109%2F6625714&partnerID=40&md5=29b461ab1ab5bb2385cf40726027f021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147340396&doi=10.5109%2F6625714&partnerID=40&md5=29b461ab1ab5bb2385cf40726027f021	Scopus
2	2022	Synthesis, Physical and Mechanical Behavior of Agro-Waste RHA and Eggshell-Reinforced Composite Material	Journal of The Institution of Engineers (India): Series C	Shashi Prakash Dwivedi, Rajat Yadav, Anas Islam, Vijay Kumar Dwivedi, Shubham Sharma	Springer	10.1007/s40032-022-00879-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139655603&doi=10.1007%2Fs40032-022-00879-9&partnerID=40&md5=2f612e3360f4316ae13888697fa1f40	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139655603&doi=10.1007%2Fs40032-022-00879-9&partnerID=40&md5=2f612e3360f4316ae13888697fa1f40	Scopus
3	2022	Surface Modification and Parametric Optimization of Tensile Strength of Al6082/3JC/Waste Material Surface Composite Produced by Friction Stir Processing	Coatings	Nitesh Kumar, Rakesh Kumar Singh, Ashish Kumar Srivastava, Akash Nag, Jana Petru, Sergej Hloch	MDPI	10.3390/coatings12121909	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144872213&doi=10.3390%2Fcoatings12121909&partnerID=40&md5=b2cb480427a8f86eb2a0a087c3a5e5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144872213&doi=10.3390%2Fcoatings12121909&partnerID=40&md5=b2cb480427a8f86eb2a0a087c3a5e5	Scopus
4	2022	Physical Layer Security Analysis of Multi-Hop Hybrid RF/FSO System in Presence of Multiple Eavesdroppers	IEEE Photonics Journal	Dipti R. Pattanayak, Vivek K. Dwivedi, Vikram Karwal, Panikaj K. Yadav, G. Singh	Institute of Electrical and Electronics Engineers Inc.	10.1109/PHOT.2022.32262351	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144789379&doi=10.1109%2FPHOT.2022.32262351&partnerID=40&md5=bdb7a5448d9fcccffcd31f5dd12583e	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144789379&doi=10.1109%2FPHOT.2022.32262351&partnerID=40&md5=bdb7a5448d9fcccffcd31f5dd12583e	Scopus
5	2022	Optimizing the Performance of Solar PV Water Pump by Using Response Surface Methodology	Evergreen	Vipan Chand Waila, Abhishek Sharma, Mohd Yusuf	Joint Journal of Novel Carbon Resource Sciences and Green Asia Strategy	10.5109/6625726	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147276341&doi=10.5109%2F6625726&partnerID=40&md5=691c905f0f033a71a41f1288a3efd1c0d	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147276341&doi=10.5109%2F6625726&partnerID=40&md5=691c905f0f033a71a41f1288a3efd1c0d	Scopus
6	2022	Electrostatically functionalized CVD grown multilayered carbon nanotube/ palladium polymer nanocomposite (MWCNT/Pd) for methane detection at room temperature	Chemical Engineering Science	Prashant Shukla, Pooja Saxena, Devinder Madhwal, Nitin Bhardwaj, Y.K. Jain	Elsevier Ltd	10.1016/j.ces.2022.118191	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139847322&doi=10.1016%2Fces.2022.118191&partnerID=40&md5=34b6f72ede3f249734f36498125b2a04	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139847322&doi=10.1016%2Fces.2022.118191&partnerID=40&md5=34b6f72ede3f249734f36498125b2a04	Scopus
7	2022	A machine learning application for raising WASH awareness in the times of COVID-19 pandemic	Scientific Reports	Rohan Pandey, Valbhav Gautam, Ridam Pal, Harsh Bandhey, Lovdeep Singh Dhangra, Vihann Misra, Himanshu Sharma, Chirag Jain, Kanav Bhagat, Arushi, Laljaben Patel, Mudit Agarwal, Sampatti Agrawal, Rishabh Jalan, Akshat Wadhwa, Ayush Garg, Yashwin Agrawal, Bhavika Rana, Ponnuram Kumaraguru, Tavprithe Sethi	Nature Research	10.1038/s41598-021-03869-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123091271&doi=10.1038%2Fs41598-021-03869-6&partnerID=40&md5=604d173de608d20570337f9b18b2f4c	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123091271&doi=10.1038%2Fs41598-021-03869-6&partnerID=40&md5=604d173de608d20570337f9b18b2f4c	Scopus
8	2022	Understanding Transcription Factors in Plant Response to Drought Stress	Indian Journal of Agricultural Biochemistry	Gyanendra Kumar Rai, Gayatri Jamwal, Garima Rai, Monika Singh	Indian Society of Agricultural Biochemists	10.5958/0974-4479.2021.00016.2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130704252&doi=10.5958%2F0974-4479.2021.00016.2&partnerID=40&md5=950d84ee4449469b7540b428d9411f5b	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130704252&doi=10.5958%2F0974-4479.2021.00016.2&partnerID=40&md5=950d84ee4449469b7540b428d9411f5b	Scopus
9	2022	Optimal Scheduling of Grid Connected Solar Photovoltaic and Battery Storage System Considering Degradation Cost of Battery	Iranian Journal of Science and Technology - Transactions of Electrical Engineering	Jitendra Kumar, Nagendra Kumar	Institute for Ionics	10.1007/s40998-022-00529-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140697514&doi=10.1007%2Fs40998-022-00529-x&partnerID=40&md5=979b974e3096af160ae105340001047	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140697514&doi=10.1007%2Fs40998-022-00529-x&partnerID=40&md5=979b974e3096af160ae105340001047	Scopus
10	2022	Effect of Casting Parameters on Tensile Strength of Chrome Containing Leather Waste Reinforced Aluminium Based Composite using RSM	Evergreen	Rajat Yadav, Shashi Prakash Dwivedi, Vijay Kumar Dwivedi	Joint Journal of Novel Carbon Resource Sciences and Green Asia Strategy	10.5109/6625716	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147368269&doi=10.5109%2F6625716&partnerID=40&md5=97157199a28c86276f3483dc56b981	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147368269&doi=10.5109%2F6625716&partnerID=40&md5=97157199a28c86276f3483dc56b981	Scopus
11	2022	Energy, Exergy, Environmental and Economic Analyses of Natural Refrigerants for Cascade Refrigeration	Arabian Journal for Science and Engineering	Kaushalendra Kumar Singh, Rajesh Kumar	Institute for Ionics	10.1007/s13369-022-06804-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127601622&doi=10.1007%2Fs13369-022-06804-7&partnerID=40&md5=d3330eeb98f084774b1a939948-8890	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127601622&doi=10.1007%2Fs13369-022-06804-7&partnerID=40&md5=d3330eeb98f084774b1a939948-8890	Scopus
12	2022	Optimization of process parameter for commercially pure aluminium alloy during friction stir deformation	Advances in Materials and Processing Technologies	Binut Kumar, Rohit Sahu, Mukesh Mishra	Taylor and Francis Ltd.	10.1080/2374068X.2020.1860601	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097610065&doi=10.1080%2F2374068X.2020.1860601&partnerID=40&md5=5ac53dc5de4777cab6f6fa869e28bc6d6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097610065&doi=10.1080%2F2374068X.2020.1860601&partnerID=40&md5=5ac53dc5de4777cab6f6fa869e28bc6d6	Scopus
13	2022	Real-world model for bitcoin price prediction	Information Processing and Management	Rajat Kumar Rathore, Deepti Mishra, Pawan Singh Mehra, Om Pal, AHMAD SOBRI HASHIM, Azrulhizam Shapi'i, T. Ciano, Meshal Shuaywi	Elsevier Ltd	10.1016/j.ipm.2022.102968	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136285087&doi=10.1016%2Fipm.2022.102968&partnerID=40&md5=fa965294eabdb966163897019c30a07	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136285087&doi=10.1016%2Fipm.2022.102968&partnerID=40&md5=fa965294eabdb966163897019c30a07	Scopus
14	2022	Low power chaotic oscillator employing CMOS	Integration	Manoj Joshi, Ashish Ranjan	Elsevier B.V.	10.1016/j.vlsi.2022.02.011	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127173222&doi=10.1016%2Fvlsi.2022.02.011&partnerID=40&md5=147f76fda9468b56091f812828f7e277	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127173222&doi=10.1016%2Fvlsi.2022.02.011&partnerID=40&md5=147f76fda9468b56091f812828f7e277	Scopus
15	2022	Secure video communication using firefly optimization and visual cryptography	Artificial Intelligence Review	Manoj Kumar, Jyoti Aggarwal, Anuj Rani, Thompson Stephan, Achyut Shankar, Seydali Mirjalili	Springer Science and Business Media B.V.	10.1007/s10462-021-10070-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116376256&doi=10.1007%2Fs10462-021-10070-8&partnerID=40&md5=e6abb711037766540e19799d7beffe	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116376256&doi=10.1007%2Fs10462-021-10070-8&partnerID=40&md5=e6abb711037766540e19799d7beffe	Scopus
16	2022	Effective Evaluation of Elastic Properties of a Graphene and Ceramics Reinforced Epoxy Composite under a Thermal Environment Using the Impact Hammer Vibration Technique	Coatings	Nitesh Kumar, Ananda Babu, Alok Kumar Das, Ashish Kumar Srivastava	MDPI	10.3390/coatings12091325	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138644983&doi=10.3390%2Fcoatings12091325&partnerID=40&md5=4e5a3b36157c962162871b8c9d5db0e6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138644983&doi=10.3390%2Fcoatings12091325&partnerID=40&md5=4e5a3b36157c962162871b8c9d5db0e6	Scopus
17	2022	Tribio-mechanical analysis of epoxidized Putranjiva oil (Putranjiva roxburghii) and understanding lubricity with silicon oxide nanoparticle addition	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology	Yashvir Singh, Nishant K Singh, Abhishek Sharma, Gaurav K Bhadotiya	SAGE Publications Ltd	10.1177/13506501211029449	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8510908235&doi=10.1177%2F13506501211029449&partnerID=40&md5=38482a2a70bc52539797ef5bc7d323ac	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8510908235&doi=10.1177%2F13506501211029449&partnerID=40&md5=38482a2a70bc52539797ef5bc7d323ac	Scopus
18	2022	DDNet- A Deep Learning Approach to Detect Driver Distraction and Drowsiness	Evergreen	Prachi Panwar, Prachi Roshan, Rajat Singh, Monika Rai, Asha Rani Mishra, Sansar Singh Chauhan	Joint Journal of Novel Carbon Resource Sciences and Green Asia Strategy	10.5109/6625714	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139864730&doi=10.5109%2F6625714&partnerID=40&md5=b2c360895609959491b4f3dc0f1ed8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139864730&doi=10.5109%2F6625714&partnerID=40&md5=b2c360895609959491b4f3dc0f1ed8	Scopus
19	2022	Analysis of dielectric behavior of PVDF: PSF polyblend at lower frequency range from measurements of transient absorption and desorption currents	Journal of Applied Polymer Science	Pooja Saxena, Prashant Shukla	John Wiley and Sons Inc	10.1002/app.51952	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120564848&doi=10.1002%2Fapp.51952&partnerID=40&md5=b09cc82c7239ace80f69ed0f1e154fa	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120564848&doi=10.1002%2Fapp.51952&partnerID=40&md5=b09cc82c7239ace80f69ed0f1e154fa	Scopus
20	2022	Digital image forgery detection under complex lighting using Phong reflection model	Journal of Electronic Imaging	Anuj Rani, Ajit Jain	SPIE	10.1117/1.JEI.31.5.051402	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132763553&doi=10.1117%2F1.JEI.31.5.051402&partnerID=40&md5=55a1ef5b4ebcd54b68572fbc7b461f84	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132763553&doi=10.1117%2F1.JEI.31.5.051402&partnerID=40&md5=55a1ef5b4ebcd54b68572fbc7b461f84	Scopus
21	2022	Performance Analysis of Path Loss Models at 1.8 GHz in an Indoor/Outdoor Environment to Verify Network Capacity and Coverage	Wireless Personal Communications	Satyendra Sharma, Brahmjit Singh	Springer	10.1007/s11277-022-09883-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133191248&doi=10.1007%2Fs11277-022-09883-9&partnerID=40&md5=3d3d8db923f26440f6214403714b665	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133191248&doi=10.1007%2Fs11277-022-09883-9&partnerID=40&md5=3d3d8db923f26440f6214403714b665	Scopus
22	2022	Generic MGF-based tight approximation for the error rate analysis	International Journal of Communication Systems	S. Pratap Singh, Shekhar Singh, Amit Kumar, Ashish Pandey, M. Lakshmanan, Noor Mohammed, Sanjay Kumar	John Wiley and Sons Ltd	10.1002/dac.5127	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124839482&doi=10.1002%2Fdac.5127&partnerID=40&md5=b26360d51c64116dad9ebc41045e0033	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124839482&doi=10.1002%2Fdac.5127&partnerID=40&md5=b26360d51c64116dad9ebc41045e0033	Scopus
23	2022	Probabilistic Optimized Kernel Naive Bayesian Cloud Resource Allocation System	Wireless Personal Communications	Naveen Chauhan, Rajeev Agrawal	Springer	10.1007/s11277-022-09493-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123185192&doi=10.1007%2Fs11277-		

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35	2022	Study of CCLW, Alumina and the Mixture of Alumina- and CCLW-Reinforced Aluminum-Based Composite Material with and Without Mechanical Alloying	Journal of The Institution of Engineers (India): Series D	Shashi Prakash Dwivedi, Manish Maurya, Shubham Sharma	Springer	10.1007/s40033-021-00312-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118839226&doi=10.1007%2Fs40033-021-00312-y&partnerID=40&md5=2cd399ca93e392f4b679b9a67c642eea		Scopus
36	2022	Tribological Characteristics of Al359/Si3N4/Eggshell Surface Composite Produced by Friction Stir Processing	Coatings	Ashish Kumar Srivastava, Suryank Dwivedi, Ambuj Saxena, Deepak Kumar, Amit Rai Dixit, Gayandara Kumar Singh, Javed Khan Bhutto, Rajesh Verma	MDPI	10.3390/coatings12091362	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138642063&doi=10.3390%2Fcoatings12091362&partnerID=40&md5=338f1310e89010bf4f35623ab57875d09		Scopus
37	2022	Diagnosis of hypercritical chronic pulmonary disorders using dense convolutional network through chest radiography	Multimedia Tools and Applications	Rajat Mehrotra, Rajeev Agrawal, M.A. Ansari	Springer	10.1007/s11042-021-11748-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123849496&doi=10.1007%2Fs11042-021-11748-5&partnerID=40&md5=a5c3d5c0b5cfc234083b875839e829		Scopus
38	2022	Detection of Expanded Reformed Geographical Area in Bi-temporal Multispectral Satellite Images Using Machine Intelligence Neural Network	Journal of the Indian Society of Remote Sensing	Mohan Singh, Kapil Dev Tyagi	Springer	10.1007/s12524-021-01476-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123925698&doi=10.1007%2Fs12524-021-01476-6&partnerID=40&md5=c4b3c4307bdcab74b136750ea6d95a		Scopus
39	2022	Analysis and prediction of urban ambient and surface temperatures using internet of things	International Journal of System Assurance Engineering and Management	Anurag Barthwal, Kritika Sharma	Springer	10.1007/s13198-021-01502-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119957901&doi=10.1007%2Fs13198-021-01502-3&partnerID=40&md5=a974911c75c132e3061cccdbcb9f421		Scopus
40	2022	Improvement in Thermal Storage Effectiveness of Paraffin with Addition of Aluminum Oxide Nanoparticles	Materials	Dawit Gudeta Gunjo, Vinod Kumar Yadav, Devendra Kumar Sinha, Mohamed Abdelghany Elkotb, Gulam Mohammed Sayeed Ahmed, Nazia Hossain, Mostafa A. H. Abdelmohimen	MDPI	10.3390/ma15134427	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133123381&doi=10.3390%2Fma15134427&partnerID=40&md5=4dd849e7a999efde188101e8201ec7f		Scopus
41	2022	In Situ Micro-Observation of Surface Roughness and Fracture Mechanism in Metal Microforming of Thin Copper Sheets with Newly Developed Compact Testing Apparatus	Materials	Mandeep Singh, Shubham Sharma, Appasamy Muniappan, Danil Yurievich Pimenov, Szymon Wojciechowski, Kanishka Jha, Shashi Prakash Dwivedi, Changhe Li, Jolanta B. Królczak, Dominik Walczak, Tien V. T. Nguyen	MDPI	10.3390/ma15041368	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125570562&doi=10.3390%2Fma15041368&partnerID=40&md5=178c356c18a06dfdb05b09c4d73eb45		Scopus
42	2022	Effect of Ranque-Hilsch Vortex Tube Cooling to Enhance the Surface-Topography and Tool-Wear in Sustainable Turning of Al-5.6Zn-2.5Mg-1.6Cu-0.23Cr-T6 Aerospace Alloy	Materials	Jasveeran Singh, Simranpreet Singh Gill, Manu Dogra, Shubham Sharma, Mandeep Singh, Shashi Prakash Dwivedi, Changhe Li, Sunpreet Singh, Shoaib Muhammad, Bashir Salah, Mohamed A. Shamseldin	Multidisciplinary Digital Publishing Institute (MDPI)	10.3390/ma15165681	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137251988&doi=10.3390%2Fma15165681&partnerID=40&md5=5c14d5de9dc8a74f71bc5f18c726aa		Scopus
43	2022	Cuckoo Search Constrained Gamma Masking for MRI Image Detail Enhancement	Traitement du Signal	Muktesh Kumar Ojha, Amrita Rai, Anshuman Prakash, Priyesh Tiwari, Dhiraaj Gupta	International Information and Engineering Technology Association	10.18280/tis.390433	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140140866&doi=10.18280%2Ftis.390433&partnerID=40&md5=71c743114b3998c3e4818061777be12		Scopus
44	2022	Mitigating the Effect of COVID Lockdown Period on Channel and Bandwidth Utilization in Mobile Communication Network in North Western Rajasthan (India)	Wireless Personal Communications	Hemant Purohit, Parmeet Kaur, Shilpa Choudhary	Springer	10.1007/s11277-021-09300-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118425089&doi=10.1007%2Fs11277-021-09300-7&partnerID=40&md5=4bbcb8436634a4f77ca652c69bd16f44		Scopus
45	2022	On the Finite-Time Boundedness and Finite-Time Stability of Caputo-Type Fractional Order Neural Networks with Time Delay and Uncertain Terms	Fractal and Fractional	Bandana Priya, Ganesh Kumar Thakur, M. Syed Ali, Gani Stamov, Ivanka Stamova, Pawan Kumar Sharma	MDPI	10.3390/fractalfract6070368	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133548596&doi=10.3390%2Ffractalfract6070368&partnerID=40&md5=990a09a9cfc1ef7e74564e76351c6c9		Scopus
46	2022	A novel intelligent round robin CPU scheduling algorithm	International Journal of Information Technology (Singapore)	Prem Sagar Sharma, Sanjeev Kumar, Madhu Sharma Gaur, Vinod Jain	Springer Science and Business Media B.V.	10.1007/s41870-021-00630-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102380451&doi=10.1007%2Fs41870-021-00630-0&partnerID=40&md5=44910be15fbbedcd8a42f95d80173c302		Scopus
47	2022	Design of a Biosensor for the Detection of Dengue Virus Using 1D Phonic Crystals	Plasmonics	Sanjeev Sharma, Arun Kumar	Springer	10.1007/s11468-021-01555-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117300699&doi=10.1007%2Fs11468-021-01555-x&partnerID=40&md5=a69862c64ac3e054dc5602c278d432c		Scopus
48	2022	Hiding Capacity and Audio Steganography Model Based on LSB in Temporal Domain	Recent Patents on Engineering	Anju Gera, Vaibhav Vyas	Bentham Science Publishers	10.2174/187221215666210709170455	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127593619&doi=10.2174%2F187221215666210709170455&partnerID=40&md5=70991bf7288b39267c5d79eb8f7b8ab25		Scopus
49	2022	Experimental analysis of mechanical behaviour and residual stresses of EN-36C alloy steel with and without tempering	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	Rajesh K Maurya, Mahendra S Niranjana	SAGE Publications Ltd	10.1177/09544089211038447	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112729841&doi=10.1177%2F09544089211038447&partnerID=40&md5=ff651db433bca3067752228c3191ad0		Scopus
50	2022	Friction and wear characteristics of chemically modified mahua (madhuca indica) oil based lubricant with SiO2 nanoparticles as additives	Wear	Yashvir Singh, Erween Abd Rahim, Nishant Kumar Singh, Abhishek Sharma, Amnesh Singla, Arkom Palamanit	Elsevier Ltd	10.1016/j.wear.2022.204463	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136078055&doi=10.1016%2Fwear.2022.204463&partnerID=40&md5=a9490c6e3e626eb9cda82a88a58e7e9		Scopus
51	2022	Riemann integrability based optimality criteria for fractional optimization problems with fuzzy parameters	Iranian Journal of Fuzzy Systems	D. Agarwal, P. Singh	University of Sistan and Baluchestan	10.22111/ijfs.2022.6796	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126878276&doi=10.22111%2Fijfs.2022.6796&partnerID=40&md5=efff55c2461f5ac734b65ecac5b051c		Scopus
52	2022	Optimized Resource Allocation for Fog Network using Neuro-Fuzzy Offloading Approach	Arabian Journal for Science and Engineering	Kanika Garg, Naveen Chauhan, Rajeev Agrawal	Springer Science and Business Media Deutschland GmbH	10.1007/s13369-022-06563-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8512387151&doi=10.1007%2Fs13369-022-06563-5&partnerID=40&md5=a245271b2e86331884c1bf71ca4d55		Scopus
53	2022	Load Frequency Control for multiarea Power System using Secondary Controllers	Trends in Sciences	Nagendra Kumar, Akhilesh Singh	Walailak University	10.48048/tis.2022.2044	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123090189&doi=10.48048%2Ftis.2022.2044&partnerID=40&md5=31560e46502b9336c7b454c529bde122		Scopus
54	2022	Deep learning based feature extraction and a bidirectional hybrid optimized model for location based advertising	Multimedia Tools and Applications	Vinita Rohilla, Sudeshna Chakraborty, Rajiv Kumar	Springer	10.1007/s11042-022-12457-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125545121&doi=10.1007%2Fs11042-022-12457-3&partnerID=40&md5=c07b0eada9dd1318725361083d99981		Scopus
55	2022	Air-gap thermally stimulated discharge currents in PVDF-PMMA double-layered samples	Journal of Thermal Analysis and Calorimetry	Pooja Saxena, Prashant Shukla, M.S. Gaur	Springer Science and Business Media B.V.	10.1007/s10973-021-10680-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102675965&doi=10.1007%2Fs10973-021-10680-y&partnerID=40&md5=04e036cae004304d43ba548bba6483		Scopus
56	2022	Fuzzy Expert System for Determining State of Solar Photo Voltaic Power Plant Based on Real-Time Data	Evergreen	Laxmi Kant Sagar, D. Bhagwan Das	Joint Journal of Novel Carbon Resource Sciences and Green Asia Strategy	10.1007/s13369-022-06563-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142366574&partnerID=40&md5=a53c586560150077275787201e8b992		Scopus
57	2022	Survey on Machine Learning in Speech Emotion Recognition and Vision Systems Using a Recurrent Neural Network (RNN)	Archives of Computational Methods in Engineering	Satya Prakash Yadav, Subiyya Zaidi, Annu Mishra, Vibhask Yadav	Springer Science and Business Media B.V.	10.1007/s11831-021-09647-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115439470&doi=10.1007%2Fs11831-021-09647-x&partnerID=40&md5=106600244f6c117a80c7c7a80e7b94		Scopus
58	2022	Multi-scale dynamic analysis of metal matrix composite shafts through morphological evaluations	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	Anuj Sharma, Atul Kumar Agrawal, Vikas Rastogi, Ashish Gupta	SAGE Publications Ltd	10.1177/09544089211042114	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114634800&doi=10.1177%2F09544089211042114&partnerID=40&md5=7bb3f0dec9cbb72b24f79a2136a9abb6		Scopus
59	2022	Performance Analysis of Latent Heat Storage Systems using CuO Nanoparticles	Evergreen	Dawit Gudeta Gunjo, Vinod Kumar Yadav, Devendra Kumar Sinha	Joint Journal of Novel Carbon Resource Sciences and Green Asia Strategy	10.5109/4793667	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135052745&doi=10.5109%2F4793667&partnerID=40&md5=604cc6dc03c43c4507f107b2fb1778e		Scopus
60	2022	A computational investigation on the influence of the l/d ratio and strain rate on the deformation behavior of rolled and homogeneous armor steel in the split Hopkinson pressure bar test process	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	Ambuj Saxena, Shashi Prakash Dwivedi, Ashish K Srivastava, Shubham Sharma, Nitin Kotkunde	SAGE Publications Ltd	10.1177/09544089211036531	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8512394362&doi=10.1177%2F09544089211036531&partnerID=40&md5=264bd96e166de82ce15ad492bda92f9		Scopus
61	2022	Analysis of Silica Based Single-Mode Fiber Doped with Germanium at Different Transmission Window	Silicon	Sanjeev Sharma, Arun Kumar	Springer Science and Business Media B.V.	10.1007/s12633-020-00884-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099027649&doi=10.1007%2Fs12633-020-00884-6&partnerID=40&md5=86f8dc09aabb4be7355849f44a4e6b42		Scopus
62	2022	Two Level Storage Inventory Model with Ramp Type Demand under Inflationary Environment with Partial Backordering	Evergreen	Vineet Kumar, Sudesh Kumar Garg, Soniya Gupta, Sanjay Kumar Sharma	Joint Journal of Novel Carbon Resource Sciences and Green Asia Strategy	10.5109/4794161	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134931307&doi=10.5109%2F4794161&partnerID=40&md5=0546b3dff49c4c4b2c2e2d0af31a2e4d6		Scopus
63	2022	Composite Channel Model for Wireless Propagation with Wide-Range Signal Variation Using Rayleigh-Generalized Inverse Gaussian Distribution	Iranian Journal of Science and Technology - Transactions of Electrical Engineering	Rajeev Agrawal, Karmeshu, Amit Sehgal	Springer Science and Business Media Deutschland GmbH	10.1007/s40998-021-00466-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119953184&doi=10.1007%2Fs40998-021-00466-1&partnerID=40&md5=0961e474a4b95c98b7864cd7d8f77		Scopus
64	2022	Effect of process parameters on the diesel engine performance fuelled with Prosopis juliflora biodiesel response surface methodology approach	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	Abhishek Sharma, Avdhesh Tyagi, Yashvir Singh, Nishant K Singh, Navneet K Pandey	SAGE Publications Ltd	10.1177/09544089211043014	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114395720&doi=10.1177%2F09544089211043014&partnerID=40&md5=9a4d96e759a477659a239a5a4a5cc		Scopus
65	2022	A simple and compact broadband circularly polarized circular slot antenna for WLAN/WiMAX/DBS applications	Frequenz	Shilpee Patil, Anil Kumar Singh, Vijay Kumar Pandey, Binod Kumar Kanaujia, Anil Kumar Pandey	De Gruyter Open Ltd	10.1515/freq-2021-0118	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117422981&doi=10.1515%2Ffreq.2021.0118&partnerID=40&md5=00b80cd8424af6a60a3a8993b21004		Scopus
66	2022	Blockchain-based synergistic solution to current cybersecurity frameworks	Multimedia Tools and Applications	Sumit Kumar Yadav, Kavita Sharma, Chanchal Kumar, Arushi Arora	Springer	10.1007/s11042-021-11465-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115087777&doi=10.1007%2Fs11042-021-11465-z&partnerID=40&md5=c57f6bad1950862b17ca08236c6c566		Scopus
67	2022	Reliable controller for nonlinear multiagent system with additive time varying delay and nonlinear actuator faults	Mathematical Methods in the Applied Sciences	M. Syed Ali, R. Agalya, Bandana Priya, Ganesh Kumar Thakur, Syeda Asma Kauser	John Wiley and Sons Ltd	10.1002/mma.7797	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114831747&doi=10.1002%2Fmma.7797&partnerID=40&md5=20d84055ce5cb3d4c250b3e6444ec7		Scopus
68	2022	Message Security Enhanced By Bit Cycling Encryption and Bi-LSB Technique	Evergreen	Anju Gera, Vaibhav Vyas	Joint Journal of Novel Carbon Resource Sciences and Green Asia Strategy	10.5109/4843115	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142378181&doi=10.5109%2F4843115&partnerID=40&md5=95affad4242602d6f1a03fe353bb40		Scopus
69	2022	Application of Fractional Order-PID Control Scheme in Automatic Generation Control of a Deregulated Power System in the Presence of SMES Unit	Mathematics	Nagendra Kumar, Majed A. Alotaibi, Akhilesh Singh, Hasmat Malik, Mohammed E. Nassar	MDPI	10.3390/math10030521	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124576108&doi=10.3390%2Fmath10030521&partnerID=40&md5=c0ae24abc106106e6e290e10c87310		Scopus

S. No.	Year	Title of Publication	Name of Journal	Names of Authors	Name of Publisher (Journal)	DOI	URL of Paper (SCOPUS)	URL of Paper (online journal)	Source
70	2022	Impact of post-heat-treatment on the surface-roughness, residual stresses, and micromorphology characteristics of plasma-sprayed pure hydroxyapatite and 7%-Altoke reinforced hydroxyapatite coatings deposited on titanium alloy based biomedical implants	Journal of Materials Research and Technology	Gursharan Singh, Shubham Sharma, Manoj Mittal, Gurminder Singh, Juhar Singh, Li Changhe, Aqib Mashood Khan, Shashi Prakash Dwivedi, Ray Tahir Mushtaq, Sunpreet Singh	Elsevier Editora Ltda	10.1016/j.jmrt.2022.03.065	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127909916&doi=10.1016%2Fj.jmrt.2022.03.065&partnerID=40&md5=0ce0daabbd9aed8e998c68c95de5929		Scopus
71	2022	Synthesis and characterization of spent alumina catalyst and grinding sludge reinforced aluminium based composite material	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	Shashi Prakash Dwivedi, Manish Maurya, Ambuj Saxena, Shubham Sharma	SAGE Publications Ltd	10.1177/095440662211061451	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121285294&doi=10.1177%2F095440662211061451&partnerID=40&md5=ee33d8919a08b85e4558af70d98c21874		Scopus
72	2022	Internet of healthcare things security vulnerabilities and jamming attack analysis	Expert Systems	Kavita Sharma	John Wiley and Sons Inc	10.1111/eksy.12853	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117947783&doi=10.1111%2Feksy.12853&partnerID=40&md5=d24252d98cd3f10a717e317102424c90		Scopus
73	2022	Sensitivity Enhancement of Surface Plasmon Resonance (SPR) Sensor Assisted by BlueP/MoS2 Based Composite Heterostructure	IEEE Access	Purnendu Shekhar Pandey, Sanjeev Kumar Raghuvanshi	Institute of Electrical and Electronics Engineers Inc.	10.1109/ACCESS.2022.3219439	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141561956&doi=10.1109%2FACCESS.2022.3219439&partnerID=40&md5=0b434fd662b2e4fdebd3a9c9b6fc37d		Scopus
74	2022	APPROXIMATION FOR GUPTA TYPE GENERAL OPERATORS BASED ON MIHGAN BASIS FUNCTIONS	Publications de l'Institut Mathematique	Sangeeta Garg	Mathematical Institute of the Serbian Academy of Sciences and Arts	10.2298/PIM2250776	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131447920&doi=10.2298%2FPIM2250776&partnerID=40&md5=d18dce4aa23dd5877bd1585b6ea5228		Scopus
75	2022	Modeling and parametric optimization of laser powder bed fusion 3D printing technique using artificial neural network for enhancing dimensional accuracy	Materials Today: Proceedings	Nikhil Phadke, Ratnes Raj, Ashish Kumar Srivastava, Suryank Dwivedi, Amit Rai Dixit	Elsevier Ltd	10.1016/j.matpr.2022.02.523	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126757543&doi=10.1016%2Fmatpr.2022.02.523&partnerID=40&md5=0a33a79b7f04109d8ba366686721		Scopus
76	2022	Effect of eggshell waste and BAC particles on the mechanical and tribological properties of Al7075 alloy developed by friction stir processing	Metallurgical Research and Technology	Rishabh Dwivedi, Ashish Kumar Srivastava, Rakesh Kumar Singh	EDP Sciences	10.1051/metal/20220055	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136978427&doi=10.1051%2Fmetal%2F20220055&partnerID=40&md5=7ae2ece451d59beb8079e302f5dcd3b		Scopus
77	2022	Influence of SD effect on Johnson-Cook hardening constitutive material model: Numerical and experimental investigation for armor steel	Mechanics of Advanced Materials and Structures	Ambuj Saxena, Shashi Prakash Dwivedi, Adepu Kumaraswamy, Ashish Kumar Srivastava, Nagendra Kumar Maurya	Taylor and Francis Ltd.	10.1080/15376494.2020.1765266	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085000347&doi=10.1080%2F15376494.2020.1765266&partnerID=40&md5=91121aa59bee070704b2b7506d14312		Scopus
78	2022	Influence of Nano-CuO on Synthesis and Mechanical Behavior of Spent Alumina Catalyst and Grinding Sludge Reinforced Aluminum Based Composite	International Journal of Metalcasting	Shashi Prakash Dwivedi, Ambuj Saxena, Shubham Sharma	Springer Science and Business Media Deutschland GmbH	10.1007/s40962-021-00597-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104271065&doi=10.1007%2Fs40962-021-00597-5&partnerID=40&md5=efb6c49536471e554e7847e5dafae46fc		Scopus
79	2022	A Metaheuristic optimization Approach-Based Anomaly detection with Lasso Regression	International Journal of Software Innovation	Vivek Kumar Verma, Payal Garg, Pradeep Kumar Tiwari, Tarun K. Jain	Taru Publications	10.4018/IJSI.297917	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132287370&doi=10.4018%2FISI.297917&partnerID=40&md5=a199e07752d8945346ee31e07d1216		Scopus
80	2022	Effect of heat treatment process on microstructure and mechanical behaviour of Al/MgO composite material	Advances in Materials and Processing Technologies	Vijay Kumar Dwivedi, Shashi Prakash Dwivedi, Rajat Yadav	Taylor and Francis Ltd.	10.1080/2374068X.2020.1829955	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092507905&doi=10.1080%2F2374068X.2020.1829955&partnerID=40&md5=7d809b3881a1c748eca4d14cfecba813		Scopus
81	2022	A new high frequency MOS-C TOETQO employing DXCCTA	International Journal of Electronics Letters	Rubila Laishram, Manoj Joshi, Ashish Ranjan	Taylor and Francis Ltd.	10.1080/21681724.2021.2025435	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122663754&doi=10.1080%2F21681724.2021.2025435&partnerID=40&md5=103eb2410e10475dc1d31e772cccd38		Scopus
82	2022	Do Goods and Services Tax Influence the Economic Development? An Empirical Analysis for India	Vision	Nikita Singhal, Shikha Goyal, Divya Sharma, Sapna Kumar, Shweta Nagar	Sage Publications India Pvt. Ltd	10.1177/09722629221117196	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8513818555&doi=10.1177%2F09722629221117196&partnerID=40&md5=5255238ca138245ab5aba0dcefc1d4		Scopus
83	2022	CFD and thermo-hydraulic analysis of multiple arc roughened absorber plate with gaps used in solar air heaters	International Journal of Ambient Energy	Navneet Kumar Pandey, V.K. Bajpai, Abhishek Sharma, Sanjay Yadav	Taylor and Francis Ltd.	10.1080/01430750.2020.1824941	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091611289&doi=10.1080%2F01430750.2020.1824941&partnerID=40&md5=246017cb7e2001915ef7195a7111902		Scopus
84	2022	Optimization of FDM Printing Process Parameters on Surface Finish, Thickness, and Outer Dimension with ABS Polymer Specimens Using Taguchi Orthogonal Array and Genetic Algorithms	Mathematical Problems in Engineering	Jasgurpreet Singh Chohan, Raman Kumar, Aniket Yadav, Piyush Chauhan, Sandeep Singh, Shubham Sharma, Changhe Li, Shashi Prakash Dwivedi, S. Rajkumar	Hindawi Limited	10.1155/2022/2698845	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126976333&doi=10.1155%2F2022%2F2698845&partnerID=40&md5=5e58eb379bd0f0eae728ff53228d084e		Scopus
85	2022	Instinctive Recognition of Pathogens in Rice Using Reformed Fractional Differential Segmentation and Innovative Fuzzy Logic-Based Probabilistic Neural Network	Journal of Food Quality	Anusha Preetham, Sayed Sayeed Ahmad, Ihab Wattar, Pooja Singh, Sandeep Rout, Mejdai A. Alqahtani, Enoch Tetteh Amoatey	Hindawi Limited	10.1155/2022/8662254	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133702414&doi=10.1155%2F2022%2F8662254&partnerID=40&md5=0067cedbb59d3edcae7908f6ea07881b		Scopus
86	2022	Implication of Goods and Services Tax (GST) Implementation in India on Foreign Trade	Finance: Theory and Practice	N. Singhal, S. Goyal, S. Kumari, S. Nagar, A. Tyagi	Financial University under The Government of Russian Federation	10.26794/2587-5671-2022-26-3-241-251	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136482263&doi=10.26794%2F2587-5671-2022-26-3-241-251&partnerID=40&md5=36497fae9eb358f86ba9c1bb3ba9fa		Scopus
87	2022	Corrosion Zones of Rebar in High-Volume Fly-Ash Concrete through Potentiodynamic Study in Concrete Powder Solution Extracts: A Sustainable Construction Approach	Advances in Civil Engineering	Manish Kumar, Jitu Kujur, Rajeshwari Chatterjee, Somnath Chattopadhyaya, Shubham Sharma, Shashi Prakash Dwivedi, Ambuj Saxena, S. Rajkumar, Ashutosh Anand	Hindawi Limited	10.1155/2022/5927819	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128312442&doi=10.1155%2F2022%2F5927819&partnerID=40&md5=6999351530c65ed72d4a5a1bacbe1c9		Scopus
88	2022	A Wideband and Wide Axial Ratio Bandwidth Circularly Polarized Antenna Loaded with Circular Ring Slot	Cardiovascular Therapy and Prevention (Russian Federation)	Shilpee Patil, Alka Verma, Anil Kumar Pandey, Amit Kumar Kesarwani, V.K. Pandey, Vinod M. Kapse	Silicea-Poligraf	10.1590/2179-10742022v14i246867	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146489048&doi=10.1590%2F2179-10742022v14i246867&partnerID=40&md5=f143afe244581034ac4fc4cb127175		Scopus
89	2022	Mapping the Intellectual Structure of Workplace Spirituality Through Bibliometric Analysis	FIIB Business Review	Rajni, Alka Swami, Muskan Khan, Pragati Hemrajani, Rahul Dhiman	Sage Publications India Pvt. Ltd	10.1177/23197145221099090	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131363548&doi=10.1177%2F23197145221099090&partnerID=40&md5=c4d7bab2d37509f38adeeffeaa1f8afca		Scopus
90	2022	Moringa Oleifera: Bio-based lubricant development from a novel feedstock for tribological characterization	Advances in Materials and Processing Technologies	Yashvir Singh, Abhishek Sharma, Nishant Kumar Singh, Amnesh Singh, Rajeev Kumar Upadhyay	Taylor and Francis Ltd.	10.1080/2374068X.2020.1829956	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092407553&doi=10.1080%2F2374068X.2020.1829956&partnerID=40&md5=2662af195c1101947ddc2577305b67d9		Scopus
91	2022	Effect of alumina oxide nano-powder on the wear behaviour of Cr/N coating against cylinder liner using response surface methodology: processing and characterizations	Journal of Materials Research and Technology	Shailesh Kumar Singh, Somnath Chattopadhyaya, Alokeish Pramanik, Sanjeev Kumar, Shailesh M. Pandey, R.S. Walia, Shubham Sharma, Aqib Mashood Khan, Shashi Prakash Dwivedi, Sunpreet Singh, Szymon Wojciechowski	Elsevier Editora Ltda	10.1016/j.jmrt.2021.12.062	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121859935&doi=10.1016%2Fj.jmrt.2021.12.062&partnerID=40&md5=fc2e7c1a98c73d228847d8ea91ce2276		Scopus
92	2022	An Invasive Weed Optimization for Sensor Less Control of Grid Integrated Wind Driven Doubly Fed Induction Generator	IEEE Access	Abhinav Saxena, Rajat Kumar, Jay Singh, Gyanendra Kumar Singh, V. Sampath Kumar, J.P. Pandey	Institute of Electrical and Electronics Engineers Inc.	10.1109/ACCESS.2022.3213982	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139828025&doi=10.1109%2FACCESS.2022.3213982&partnerID=40&md5=8ff86024590b4e7c0f0c0d455010adc		Scopus
93	2022	Conceptualisation of biaxial tensile test setup for sheet metal forming application using fuzzy analytical network process	Advances in Materials and Processing Technologies	Pranjal Shukla, Konark Joshi, Uttkarsh Rastogi, Nitin Kotkunde, Swadesh Kumar Singh, Ambuj Saxena	Taylor and Francis Ltd.	10.1080/2374068X.2020.1807244	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089867178&doi=10.1080%2F2374068X.2020.1807244&partnerID=40&md5=de7bf7a6dc1c029a29fb0384a5881795		Scopus
94	2022	Analysis of H-bonded molecular association in formamide with alcohols	Materials Today: Proceedings	Raj Kumar Singh, Amit Misra, Monika Malik, Manvinder Singh, Manisha Gupta	Elsevier Ltd	10.1016/j.matpr.2021.12.031	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132635300&doi=10.1016%2Fmatpr.2021.12.031&partnerID=40&md5=f96e7abaf24385af0e8b85c20486d4		Scopus
95	2022	Indel-K2P: a modified Kimura 2 Parameters (K2P) model to incorporate insertion and deletion (Indel) information in phylogenetic analysis	Cyber-Physical Systems	Asim Kumar Mahadani, Shashank Awasthi, Goutam Sanyal, Partha Bhattacharjee, Sanjeev Pippal	Taylor and Francis Ltd.	10.1080/23353777.2021.1879274	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100937767&doi=10.1080%2F23353777.2021.1879274&partnerID=40&md5=176d0cd70943f8d17925f680750c6c8r		Scopus
96	2022	Recovery of Cr from chrome-containing leather wastes to develop aluminum-based composite material with Al2O3 ceramic particles: An ingenious approach	Nanotechnology Reviews	Shashi Prakash Dwivedi, Michal Petru, Ambuj Saxena, Shubham Sharma, Madhulika Mishra, Alokeish Pramanik, Sunpreet Singh, Changhe Li, Rusdhan Ahmad Ilyas	De Gruyter Open Ltd	10.1515/ntrv-2022-0406	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144115114&doi=10.1515%2Fntrv-2022-0406&partnerID=40&md5=085c93cabd19323a808f9f8b88bae5		Scopus
97	2022	Ensemble Computational Intelligent for Insomnia Sleep Stage Detection via the Sleep ECG Signal	IEEE Access	Pragati Tripathi, M.A. Ansari, Tapan Kumar Gandhi, Rajat Mehrotra, Md Belal Bin Heyat, Faijan Akhtar, Chiagoziem C. Ukwoma, Abdullah Yahya Mohammed Muad, Yasser M. Kadah, Mughed A. Al-Antari, Jian Ping Li	Institute of Electrical and Electronics Engineers Inc.	10.1109/ACCESS.2022.3212120	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139826630&doi=10.1109%2FACCESS.2022.3212120&partnerID=40&md5=2402144c70acf5b9c16c8972c84d2946		Scopus
98	2022	Cuckoo Search Constrained Gamma Masking for MRI Image Detail Enhancement	Fossil Record	Muktesh Kumar Ojha, Amrita Rai, Anshuman Prakash, Priyesh Tiwari, Dhiraj Gupta	Pensoft Publishers	10.3897/FR.25.82469	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140396123&doi=10.3897%2FR.25.82469&partnerID=40&md5=926585e12f1920546cfda33c1c7622b5		Scopus
99	2022	Alumina catalyst waste utilization for aluminum-based composites using the friction stir process	Materialpruefung/Materials Testing	Shashi Prakash Dwivedi, Praveen Pachauri, Manish Maurya, Ambuj Saxena, Raj Butola, Rohit Sahu, Shubham Sharma	Walter de Gruyter GmbH	10.1515/mt-2021-20748	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128992474&doi=10.1515%2Fmt-2021-20748&partnerID=40&md5=116f59a82ec60b62ada0c069c68d9c12		Scopus
100	2022	Simulation of the Lightweight Blockchain Technique Based on Privacy and Security for Healthcare Data for the Cloud System	International Journal of E-Health and Medical Communications	Preeti Rani, Sonia Verma, Satya Prakash Yadav, Bipin Kumar Rai, Mahaveer Singh Naruka, Devendra Kumar	IGI Global	10.4018/IJEHMC.309436	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148770721&doi=10.4018%2FIJEHMC.309436&partnerID=40&md5=50e0075ce2c70c2e2fcd6f7972d0cb63		Scopus
101	2022	Experimental and Statistical Evaluation of Drilling Induced Damages in Glass Fiber Reinforced Polymer Composites - Taguchi Integrated Supervised Machine Learning Approach	Engineered Science	Girdhar Kamath, Brajesh Mishra, Shivam Tiwari, Akshay Bhardwaj, Sudheer Sankaranakutty Marar, Sanjay Soni, Rajesh Chauhan, S.B. Anjappa	Engineered Science Publisher	10.30919/esd8733	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138539470&doi=10.30919%2Fesd8733&partnerID=40&md5=461ce2b57bd65ca760dd676332d0f9a		Scopus
102	2022	Software product line regression testing based on fuzzy clustering approach using distance method	International Journal of Engineering Systems Modelling and Simulation	Ashish Saini, Raj Kumar, Gaurav Kumar, Satendra Kumar, Mohit Mittal	Inderscience Publishers	10.1504/ijesms.2022.126301	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8514257585&doi=10.1504%2Fijesms.2022.126301&partnerID=40&md5=5581bf539d4df4c811bbed4772a7c6		Scopus

S. No.	Year	Title of Publication	Name of Journal	Names of Authors	Name of Publisher (Journal)	DOI	URL of Paper (SCOPUS)	URL of Paper (online journal)	Source
103	2022	Impulsive effects on stochastic bidirectional associative memory neural networks with reaction-diffusion and leakage delays	International Journal of Computer Mathematics	Ganesh Kumar Thakur, M. Syed Ali, Bandana Priya, V. Gokulakrishnan, Syeda Asma Kauser	Taylor and Francis Ltd.	10.1080/00207160.2021.1999428	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121809080&doi=10.1080%2F00207160.2021.1999428&partnerID=40&md5=bc766286854cf1a0e49c9f8959a648c50	https://www.tandfonline.com/doi/abs/10.1080/00207160.2021.1999428	Scopus
104	2022	Optimization of biodiesel synthesis from jojoba oil via supercritical methanol: A response surface methodology approach coupled with genetic algorithm	Biomass and Bioenergy	Nishant Kumar Singh, Yashvir Singh, Abhishek Sharma	Elsevier Ltd	10.1016/j.biombioe.2021.106332	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122059185&doi=10.1016%2Fbiombioe.2021.106332&partnerID=40&md5=4339462a812b7915a0e60f8841d1c386	https://www.sciencedirect.com/science/article/pii/S0959652621006332	Scopus
105	2022	Ensembling of Efficient Deep Convolutional Networks and Machine Learning Algorithms for Resource Effective Detection of Tuberculosis Using Thoracic (Chest) Radiography	IEEE Access	Rajat Mehrotra, M.A. Ansari, Rajeev Agrawal, Pragati Tripathi, Md Belal Bin Heyat, Mohammed Al-Sarem, Abdullah Yahya Mohammed Muaid, Wamda Abdelrahman Elhag Nagmedlin, Abdelzahir Abdelmaboud, Faisal Saeed	Institute of Electrical and Electronics Engineers Inc.	10.1109/ACCESS.2022.3194152	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135275634&doi=10.1109%2FACCESS.2022.3194152&partnerID=40&md5=9122e199decc88f2699da075c573f0	https://ieeexplore.ieee.org/abstract/document/9841152	Scopus
106	2022	Study of Energy-Efficient Optimization Techniques for High-Level Homogeneous Resource Management	Wireless Communications and Mobile Computing	Suman Mann, Nitish Pathak, Neelam Sharma, Raju Kumar, Rabins Porwal, Sheelesh Kr Sharma, Saw Mon Yee Aung	Hindawi Limited	10.1155/2022/1953510	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135699042&doi=10.1155%2F2022%2F1953510&partnerID=40&md5=cfe50a2055c3b0f4b376f9ed4941d2c8	https://www.hindawi.com/doi/10.1155/2022/1953510	Scopus
107	2022	Automatic Framework for Vegetable Classification using Transfer-Learning	International Journal of Electrical and Electronics Research	Harendra Singh, Roop Singh, Parul Goel, Anil Singh, Naveen Sharma	Forex Publication	10.37391/IJEER.100257	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134315579&doi=10.37391%2FIJEER.100257&partnerID=40&md5=17ec9ca0265297614ceceb2df618ecc	http://www.ijeer.in	Scopus
108	2022	Exergy analysis of roughened duct using multiple arcs with gaps used in solar air heaters	International Journal of Ambient Energy	Navneet Kumar Pandey, V.K. Bajpai, Abhishek Sharma	Taylor and Francis Ltd.	10.1080/01430750.2021.1873180	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099265833&doi=10.1080%2F01430750.2021.1873180&partnerID=40&md5=27a111242387216740976319313be4	https://www.tandfonline.com/doi/abs/10.1080/01430750.2021.1873180	Scopus
109	2022	Formation of functionally graded hybrid composite materials with Al2O3 and RHA reinforcements using friction stir process	Australian Journal of Mechanical Engineering	Chandra Vikram Singh, Praveen Pachauri, Shashi Prakash Dwivedi, Satpal Sharma, R.M. Singari	Taylor and Francis Ltd.	10.1080/14484846.2019.1679583	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074419932&doi=10.1080%2F14484846.2019.1679583&partnerID=40&md5=5eb12768e274c84923fe40caab8d847398	https://www.tandfonline.com/doi/abs/10.1080/14484846.2019.1679583	Scopus
110	2022	Prediction of Landsliding using Univariate Forecasting Models	Internet Technology Letters	Akash Aggarwal, Anuj Rani, Pavika Sharma, Manoj Kumar, Achyut Shankar, Mamoun Alazab	John Wiley and Sons Inc	10.1002/itl2.209	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147134667&doi=10.1002%2Fitl2.209&partnerID=40&md5=14374fca72b7b853d87cd904a400f3	https://onlinelibrary.wiley.com/doi/10.1002/itl2.209	Scopus
111	2022	Wearable Sensors with Internet of Things (IoT) and Vocabulary-Based Acoustic Signal Processing for Monitoring Children's Health	Computational Intelligence and Neuroscience	Kapil Kumar Nagawanshi, Ajit Noonai, Shivam Tiwari, Nitika Vats Doohan, Vijeta Kumawat, Tariq Ahmed Ali, Enoch Tetteh Amoatey	Hindawi Limited	10.1155/2022/9737511	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129963604&doi=10.1155%2F2022%2F9737511&partnerID=40&md5=691eeb0a673f2ee76d40b205f247f159a	https://www.hindawi.com/doi/10.1155/2022/9737511	Scopus
112	2022	digital watermarking-Based Cryptosystem for Cloud Resource Provisioning	International Journal of Cloud Applications and Computing	Sarvesh Kumar, Surendra Kumar, Nikhil Ranjan, Shivam Tiwari, T. Rajesh Kumar, Dinesh Goyal, Gajanan Sharma, Varsha Arya, Marjan Kuchali Rafsanjani	IGI Global	10.4018/IJUCAC.311033	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149480343&doi=10.4018%2FIJUCAC.311033&partnerID=40&md5=ea518773d18fed13266df116cbe31e9	https://www.igi-global.com/journal/abstract/311033	Scopus
113	2022	Productivity Enhancement by Prediction of Liquid Steel Breakout during Continuous Casting Process in Manufacturing of Steel Slabs in Steel Plant Using Artificial Neural Network with Backpropagation Algorithms	Materials	Md Obaidullah Ansari, Somnath Chattopadhyaya, Joyjeet Ghose, Shubham Sharma, Drazan Kozak, Changhe Li, Szymon Wojciechowski, Shashi Prakash Dwivedi, Huseyin Cagan Kilinc, Jolanta Krolczyk, Dominik Walczak	MDPI	10.3390/ma15020670	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122855624&doi=10.3390%2Fma15020670&partnerID=40&md5=3d26e66b0ae33d8db0fe61cc7896ee88	https://www.mdpi.com/2079-9109/15/2/670	Scopus
114	2022	A wider impedance bandwidth dual filter symmetrical mimo antenna for high-speed wideband wireless applications	Symmetry	Manish Sharma, Prem Chand Vashist, Ibrahim Alsukayti, Nitin Goyal, Divya Anand, Amir H. Mosavi	MDPI	10.3390/sym14010029	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121851718&doi=10.3390%2Fsym14010029&partnerID=40&md5=8da6d48f39a14577cc58c474d453a912	https://www.mdpi.com/2076-898X/14/1/29	Scopus
115	2022	A comparative analysis of the basic properties and applications of poly (vinylidene fluoride) (PVDF) and poly (methyl methacrylate) (PMMA)	Polymer Bulletin	Pooja Saxena, Prashant Shukla	Springer Science and Business Media Deutschland GmbH	10.1007/s00289-021-03790-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109042195&doi=10.1007%2Fs00289-021-03790-y&partnerID=40&md5=42e8825e7c8506065cda0cb214911f6c	https://link.springer.com/doi/10.1007/s00289-021-03790-y	Scopus
116	2022	Biomass wastes: A potential catalytic source for biodiesel production	Bioresource Technology Reports	Soumya Parida, Monika Singh, Subhalaxmi Pradhan	Elsevier Ltd	10.1016/j.biteb.2022.101081	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130559240&doi=10.1016%2Fbiteb.2022.101081&partnerID=40&md5=6bb4a61d954982b5baa2815e4c1b0585	https://www.sciencedirect.com/science/article/pii/S2666352221001081	Scopus
117	2022	Artificial Intelligence-Based Data-Driven Strategy to Accelerate Research, Development, and Clinical Trials of COVID Vaccine	BioMed Research International	Ashwani Sharma, Tarun Virmani, Vipul Pathak, Anjali Sharma, Kamla Pathak, Girish Kumar, Devender Pathak	Hindawi Limited	10.1155/2022/7205241	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134668703&doi=10.1155%2F2022%2F7205241&partnerID=40&md5=dee332ec5dc84a633f35c21b6670077	https://www.hindawi.com/doi/10.1155/2022/7205241	Scopus
118	2022	A Comprehensive Overview on Modified Versions of Stockwell Transform For Power Quality Monitoring	IEEE Access	Rajat Kumar, Abhinav Saxena, Raj Kumar, Sanjay Marwaha, Jay Singh, Gyanendra Kumar Singh	Institute of Electrical and Electronics Engineers Inc.	10.1109/ACCESS.2022.3202309	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137544440&doi=10.1109%2FACCESS.2022.3202309&partnerID=40&md5=55bb72e98238b1853d69469f374597d0	https://ieeexplore.ieee.org/abstract/document/9841152	Scopus
119	2022	Status of biofuel in India with production and performance characteristics: a review	International Journal of Ambient Energy	Raghendra Gautam, Naushad Ahmad Ansari, Priyanshu Thakur, Abhishek Sharma, Yashvir Singh	Taylor and Francis Ltd.	10.1080/01430750.2019.1630298	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124073874&doi=10.1080%2F01430750.2019.1630298&partnerID=40&md5=604558931bb45e895f4842abbc67757	https://www.tandfonline.com/doi/abs/10.1080/01430750.2019.1630298	Scopus
120	2022	Implementation of Whale Optimization for Budding Healthiness of Fishes with Preprocessing Approach	Journal of Healthcare Engineering	Pravin R. Kshirsagar, Hanirprasth Manoharan, Vineet Tirth, Saiful Islam, Sandeep Srivastava, Varsha Sahni, M. Thangamani, M.M. Khanapour, Venkatesa Prabhu Sundramurthy	Hindawi Limited	10.1155/2022/2345600	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124616772&doi=10.1155%2F2022%2F2345600&partnerID=40&md5=8cbb463cb33636656bb34ef5565132d6	https://www.hindawi.com/doi/10.1155/2022/2345600	Scopus
121	2022	Wormhole attack detection techniques in ad-hoc network: A systematic review	Open Computer Science	Chitvan Gupta, Laxman Singh, Rajdev Tiwari	Walter de Gruyter GmbH	10.1515/comp-2022-0245	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136175454&doi=10.1515%2Fcomp-2022-0245&partnerID=40&md5=c93641861dedba7a8a2467e68085f95	https://www.degruyter.com/document/doi/10.1515/comp-2022-0245/full-text	Scopus
122	2023	USMA-BOF: A Novel Bag-of-Features Algorithm for Classification of Infected Plant Leaf Images in Precision Agriculture	IEEE Robotics and Automation Magazine	Surbhi Vijh, Prashant Gaurav, Sumit Kumar, Priiti Bansal, Mayank Singh, Muhammad Attique Khan, Vasile Palade	Institute of Electrical and Electronics Engineers Inc.	10.1109/MRA.2023.3315929	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174819751&doi=10.1109%2FMRA.2023.3315929&partnerID=40&md5=bc5eeb49d6f896ed2178681a8808a92	https://ieeexplore.ieee.org/abstract/document/10159290	Scopus
123	2023	Development of epoxidized Moringa oleifera nanolubricant with CeO2 nanoparticles as an additive for improving the lubrication characteristics	Biomass Conversion and Biorefinery	Yashvir Singh, Nishant Kumar Singh, Abhishek Sharma, Amneesh Singla, Avani Upadhyay	Springer Science and Business Media Deutschland GmbH	10.1007/s13399-021-01911-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114595440&doi=10.1007%2Fs13399-021-01911-1&partnerID=40&md5=900749e470371e799b49695626c1d8b	https://www.springer.com/journal/13399	Scopus
124	2023	Design, simulation and comparative analysis of carbon nanotube based energy efficient priority encoders for nanoelectronic applications	e-Prime - Advances in Electrical Engineering, Electronics and Energy	Imran Ahmed Khan, Amrita Rai, J.P. Keshari, M. Nizamuddin, Seema Nayak, Deepati Sharma	Elsevier Ltd	10.1016/j.prime.2023.100138	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150256134&doi=10.1016%2Fprime.2023.100138&partnerID=40&md5=9a8a876c267009d3e6f285be09a04d0	https://www.sciencedirect.com/science/article/pii/S2666352223000138	Scopus
125	2023	I-MEREC-T: Improved MEREC-TOPSIS scheme for optimal network selection in 5G heterogeneous network for IoT	Internet of Things (Netherlands)	Ashok Kumar Yadav, Karan Singh, Pramod Kumar Srivastava, Purnendu Shekhar Pandey	Elsevier B.V.	10.1016/j.iot.2023.100748	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150013111&doi=10.1016%2Fiot.2023.100748&partnerID=40&md5=ab46caa742b8d9308296b1fe975b7256	https://www.sciencedirect.com/science/article/pii/S2666352223000748	Scopus
126	2023	An epidemic model for the investigation of multi-malware attack in wireless sensor network	IET Communications	Shashank Awasthi, Pramod Kumar Srivastava, Naresh Kumar, Rudra Pratap Ojha, Purnendu Shekhar Pandey, Rajesh Singh, Anita Gehlot, Neeraj Priyadarshi, Rituraj Jain, Yohannes Bekuma Bakare	John Wiley and Sons Inc	10.1049/cmu2.12622	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159925338&doi=10.1049%2Fcmu2.12622&partnerID=40&md5=cb1aa825c9fc8ee1b726d8ec2cbdf681c	https://onlinelibrary.wiley.com/doi/10.1049/cmu2.12622	Scopus
127	2023	Exploring consumers' motives for electric vehicle adoption: bridging the attitude-behavior gap	Benchmarking	Pallavi Chaturvedi, Kushagra Kulshrestha, Vikas Tripathi, Durgesh Agnihotri	Emerald Publishing	10.1108/BU-10-2021-0618	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144028641&doi=10.1108%2FBU-10-2021-0618&partnerID=40&md5=15a0b6ff1d361e3efcd72fd1d55056	https://www.emerald.com/doi/10.1108/BU-10-2021-0618	Scopus
128	2023	Array Antenna Pattern Synthesis using Improved Particle Swarm Optimization (IPSO) Algorithm	ECTI Transactions on Electrical Engineering, Electronics, and Communications	Rajesh Bera, Sabiha Cheruvu, Krishanu Kundu, Prashant Upadhyay, Durbadal Mandal	ECTI Association	10.37936/ecti-ec.2023212.249806	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8516845866&doi=10.37936%2Fecti-ec.2023212.249806&partnerID=40&md5=a99b8db51f58a02941ac0f68eccd5d1	https://www.ecti-ec.org/abstract/2023212.249806	Scopus
129	2023	Firefly Algorithm and Neural Network Employment for Dilution Analysis of Super Duplex Stainless Steel Clads over AISI 1020 Steel Using Gas Tungsten Arc Process	Coatings	Mohd. Majid, Love Goel, Abhinav Saxena, Ashish Kumar Srivastava, Gyanendra Kumar Singh, Rajesh Verma, Javed Khan Bhutto, Hany S. Hussein	MDPI	10.3390/coatings13050841	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160411244&doi=10.3390%2Fcoatings13050841&partnerID=40&md5=f8535e0394f1d1da512375b2b3696a4	https://www.mdpi.com/2079-9109/13/5/841	Scopus
130	2023	A task clustering based QoS aware scheduling algorithm for task execution in cloud-IoT model for education services	Multimedia Tools and Applications	Sunil Kumar Chowdhary, A.L.N. Rao	Springer	10.1007/s11042-023-15392-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158065632&doi=10.1007%2Fs11042-023-15392-z&partnerID=40&md5=fca9603b2c7e0ddc2c38989f678ba57	https://link.springer.com/doi/10.1007/s11042-023-15392-z	Scopus
131	2023	Adaptive event-triggered pinning synchronization control for complex networks with random saturation subject to hybrid cyber-attacks	International Journal of Adaptive Control and Signal Processing	M. Syed Ali, M. Mubeen Tajudeen, Griengrari Rajchakit, Bandana Priya, Ganesh Kumar Thakur	John Wiley and Sons Ltd	10.1002/acs.3625	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159929214&doi=10.1002%2Facs.3625&partnerID=40&md5=c307d29f8486432653af48d7689a3a10	https://onlinelibrary.wiley.com/doi/10.1002/acs.3625	Scopus
132	2023	Use of response surface methodology approach for development of sustainable jojoba biodiesel diesel blend with CuO nanoparticles for four stroke diesel engine	Fuel	Pankaj Mohan Rastogi, Naveen Kumar, Abhishek Sharma	Elsevier Ltd	10.1016/j.fuel.2022.127367			

S. No.	Year	Title of Publication	Name of Journal	Names of Authors	Name of Publisher (Journal)	DOI	URL of Paper (SCOPUS)	URL of Paper (online journal)	Source
136	2023	Antioxidant Phytonutrients Variation and Antioxidant Activity in Tomato (Solanum lycopersicum L)	Indian Journal of Agricultural Biochemistry	Gyanendra K. Rai, Diksha Jammwal, Garima Rai, Monika Singh, Pk Rai	Indian Society of Agricultural Biochemists	10.5958/0974-4479.2023.00005.9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164135331&doi=10.5958%2F0974-4479.2023.00005.9&partnerID=40&md5=c844e4463adecc818c26de4e22b68032	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164135331&doi=10.5958%2F0974-4479.2023.00005.9&partnerID=40&md5=c844e4463adecc818c26de4e22b68032	Scopus
137	2023	Impact of Financial Inclusion on India's Economic Development under the Moderating Effect of Internet Subscribers	Journal of Risk and Financial Management	Aman Pushp, Rahul Singh Gautam, Vikas Tripathi, Jagjeevan Kanoujiya, Shailesh Rastogi, Venkata Mrudula Bhimavarrapu, Neha Parashar	MDPI	10.3390/jrfm16050262	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160269826&doi=10.3390%2Fjrfm16050262&partnerID=40&md5=5e1c1f8704607b95b07c1c0e2633326	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160269826&doi=10.3390%2Fjrfm16050262&partnerID=40&md5=5e1c1f8704607b95b07c1c0e2633326	Scopus
138	2023	Production of bio-oil from lychee-based biomass through pyrolysis and maximization of bio-oil yield with statistical and machine learning techniques	Journal of Cleaner Production	Yashvir Singh, Deepak Singh, Nishant Kumar Singh, Abhishek Sharma, Erween Abd Rahim, Arunkumar Ranganathan, Pandiarajan Palanichamy, Arkom Palamaniti, Sanjeev Kumar	Elsevier Ltd	10.1016/j.jclepro.2023.137472	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159286741&doi=10.1016%2Fj.jclepro.2023.137472&partnerID=40&md5=a874e164fba0649eb4d7045c4b45c7e	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159286741&doi=10.1016%2Fj.jclepro.2023.137472&partnerID=40&md5=a874e164fba0649eb4d7045c4b45c7e	Scopus
139	2023	Performance and emission analysis of single-cylinder direct injection engine running with cottonseed-ethyl oleate biodiesel blends	Environmental Progress and Sustainable Energy	Nishant Kumar Singh, Yashvir Singh, Erween Abd Rahim, Abhishek Sharma, Amnesh Singla	John Wiley and Sons Inc	10.1002/ep.14098	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147575765&doi=10.1002%2Fep.14098&partnerID=40&md5=f129ef501a0cd6179f7641ef748b8649	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147575765&doi=10.1002%2Fep.14098&partnerID=40&md5=f129ef501a0cd6179f7641ef748b8649	Scopus
140	2023	Equivalent circuit model-based design and analysis of microstrip line fed electrically small patch antenna for sub-6 GHz 5G applications	International Journal of Communication Systems	Ramesh Kumar Verma, Bandana Priya, Maninder Singh, Pramod Singh, Ashok Yadav, Vinod Kumar Singh	John Wiley and Sons Ltd	10.1002/dac.5595	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168288278&doi=10.1002%2Fdac.5595&partnerID=40&md5=1e2f7e71b413c2605cc68e941902d6b0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168288278&doi=10.1002%2Fdac.5595&partnerID=40&md5=1e2f7e71b413c2605cc68e941902d6b0	Scopus
141	2023	Exergo-economic analysis and optimization of cooled CGAM cycle: A gas turbine based co-generation cycle	International Journal of Engine Research	Mithlesh Kumar Sahu, Shivam Mishra, Tushar Choudhary, Sanjay	SAGE Publications Ltd	10.1177/14680874221104634	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131592687&doi=10.1177%2F14680874221104634&partnerID=40&md5=e6148922ae562652f5b88e400bde45e4f	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131592687&doi=10.1177%2F14680874221104634&partnerID=40&md5=e6148922ae562652f5b88e400bde45e4f	Scopus
142	2023	An investigation on microstructural features and bonding strength of magnesium-based multi functional laminated composite developed by friction stir additive manufacturing	International Journal of Advanced Manufacturing Technology	Amit Rai Dixit, Ashish Kumar Srivastava, Suryank Dwivedi, Akash Nag, Sergej Hloch	Springer Science and Business Media Deutschland GmbH	10.1007/s00170-023-11911-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164787474&doi=10.1007%2Fs00170-023-11911-2&partnerID=40&md5=d518a988865a1668415d353bafae9ab	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164787474&doi=10.1007%2Fs00170-023-11911-2&partnerID=40&md5=d518a988865a1668415d353bafae9ab	Scopus
143	2023	A Survey of Different VANET Routing Protocols	Evergreen	Palak Shandil	Joint Journal of Novel Carbon Resource Sciences and Green Asia Strategy	10.5109/6793653	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168115357&doi=10.5109%2F6793653&partnerID=40&md5=0563bc36610df0274cf2b570e244e1eb	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168115357&doi=10.5109%2F6793653&partnerID=40&md5=0563bc36610df0274cf2b570e244e1eb	Scopus
144	2023	An Investigation on The Mechanical Properties of FSP Processed Silicon Nitride Reinforced Aluminum Composite	Evergreen	Shashi Prakash Dwivedi, Tarun Kumar Gupta, Ambuj Saxena	Joint Journal of Novel Carbon Resource Sciences and Green Asia Strategy	10.5109/7151680	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174521579&doi=10.5109%2F7151680&partnerID=40&md5=56a7ef2d6cfc4b89c477f358959fca7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174521579&doi=10.5109%2F7151680&partnerID=40&md5=56a7ef2d6cfc4b89c477f358959fca7	Scopus
145	2023	Real-Time Image and Video Stitching Via Seamless Integration of Live Camera Feeds for Enhanced Visual Quality	Evergreen	Asha Rani Mishra, Amritanshu Baranwal	Joint Journal of Novel Carbon Resource Sciences and Green Asia Strategy	10.5109/7160928	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85185811523&doi=10.5109%2F7160928&partnerID=40&md5=fa7a409a7e863ac72a094512893683	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85185811523&doi=10.5109%2F7160928&partnerID=40&md5=fa7a409a7e863ac72a094512893683	Scopus
146	2023	Mechanical and Microstructure Behavior of Cladding Surface SS-304 Coating with Ni and Al2O3 by Microwave Technique	Journal of The Institution of Engineers (India): Series C	Shashi Prakash Dwivedi, Manish Maurya, Shubham Sharma	Springer	10.1007/s40032-023-00947-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8518961584&doi=10.1007%2Fs40032-023-00947-8&partnerID=40&md5=25b4d16057d5ec3476b0d49f495ed385	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8518961584&doi=10.1007%2Fs40032-023-00947-8&partnerID=40&md5=25b4d16057d5ec3476b0d49f495ed385	Scopus
147	2023	Effect of eggshell powder on the microstructural and thermal behavior of A1070S/waste eggshell surface composites produced by solid-state friction stir processing developed for potential thermal applications	International Journal of Advanced Manufacturing Technology	Ashish Kumar Srivastava, Akash Nag, Suryank Dwivedi, Amit Rai Dixit, Sergej Hloch	Springer Science and Business Media Deutschland GmbH	10.1007/s00170-023-11600-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160262215&doi=10.1007%2Fs00170-023-11600-0&partnerID=40&md5=3971682afbe67c16e222c67c51ec8e1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160262215&doi=10.1007%2Fs00170-023-11600-0&partnerID=40&md5=3971682afbe67c16e222c67c51ec8e1	Scopus
148	2023	Experimental and computational investigation on mechanical properties of aluminum alloy 6063/waste eggshell powder metal matrix composite; [Experimentelle und rechnerische Untersuchung der mechanischen Eigenschaften von Metallmatrix-Verbundwerkstoffen aus Aluminiumlegierung 6063/Abfall-Eierschalenpulver]	Materialwissenschaft und Werkstofftechnik	V.S. Srivastava, A. Saxena, A. Maurya, P. Singh, A.K. Tiwari	John Wiley and Sons Inc	10.1002/mawe.202300018	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180677620&doi=10.1002%2Fmawe.202300018&partnerID=40&md5=1c561e414c745ace232b5f7114e5e80e	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180677620&doi=10.1002%2Fmawe.202300018&partnerID=40&md5=1c561e414c745ace232b5f7114e5e80e	Scopus
149	2023	VLSI Implementation of Error Correction Codes for Molecular Communication	Wireless Personal Communications	S. Pratap Singh, Ruchi Rai, Shashank Awasthi, Dinesh Kumar Singh, M. Lakshmanan	Springer	10.1007/s11277-023-10399-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151570347&doi=10.1007%2Fs11277-023-10399-z&partnerID=40&md5=ea31ef044b83e82c3cabf8980bf0f4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151570347&doi=10.1007%2Fs11277-023-10399-z&partnerID=40&md5=ea31ef044b83e82c3cabf8980bf0f4	Scopus
150	2023	A comparative study on facial expression recognition using local binary patterns, convolutional neural network and frequency neural network	Multimedia Tools and Applications	Sanjeev Kumar, Vikas Sagar, Deepak Punetha	Springer	10.1007/s11042-023-14753-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148506815&doi=10.1007%2Fs11042-023-14753-y&partnerID=40&md5=edd882a100a49573f26a1672d413ec5aa	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148506815&doi=10.1007%2Fs11042-023-14753-y&partnerID=40&md5=edd882a100a49573f26a1672d413ec5aa	Scopus
151	2023	Optimization of diesel engine performance and emission characteristics with cerium oxide nanoparticles mixed waste cooking oil biodiesel blends	International Journal of Engine Research	Alok Lakhera, Narendra Kumar, Abhishek Sharma, Amrit Saxena, Aditya Kumar Padap, Arvind Kumar Yadav, Vijay Kumar Dwivedi	SAGE Publications Ltd	10.1177/14680874221133223	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141610449&doi=10.1177%2F14680874221133223&partnerID=40&md5=4c8f954eccc5599e2a0af49458f6d738	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141610449&doi=10.1177%2F14680874221133223&partnerID=40&md5=4c8f954eccc5599e2a0af49458f6d738	Scopus
152	2023	Investigating the impact of authenticity of social media influencers on followers' purchase behavior: mediating analysis of parasocial interaction on Instagram	Asia Pacific Journal of Marketing and Logistics	Durgesh Agnihotri, Pallavi Chaturvedi, Kushagra Kulshrestha, Vikas Tripathi	Emerald Publishing	10.1108/APJML-07-2022-0598	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148659358&doi=10.1108%2FAPJML-07-2022-0598&partnerID=40&md5=8ef32626237e75924730a97ea3b7a7ab	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148659358&doi=10.1108%2FAPJML-07-2022-0598&partnerID=40&md5=8ef32626237e75924730a97ea3b7a7ab	Scopus
153	2023	An optimization of low power 4-bit PAL FIR filter using adiabatic techniques	Sadhana - Academy Proceedings in Engineering Sciences	Amrita Rai	Springer	10.1007/s12046-023-02132-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159174413&doi=10.1007%2Fs12046-023-02132-0&partnerID=40&md5=cab5ef07ce90b30365edbf1f17cf8ae	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159174413&doi=10.1007%2Fs12046-023-02132-0&partnerID=40&md5=cab5ef07ce90b30365edbf1f17cf8ae	Scopus
154	2023	A deep neural network with hybrid spotted hyena optimizer and grasshopper optimization algorithm for copy move forgery detection	Multimedia Tools and Applications	Ruchi Gupta, Pushpa Singh, Tanweer Alam, Shivani Agarwal	Springer	10.1007/s11042-022-14163-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142425356&doi=10.1007%2Fs11042-022-14163-6&partnerID=40&md5=6c219765780200fb87361945e415eb88	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142425356&doi=10.1007%2Fs11042-022-14163-6&partnerID=40&md5=6c219765780200fb87361945e415eb88	Scopus
155	2023	Effective bitstream compression approaches for high speed digital systems	e-Prime - Advances in Electrical Engineering, Electronics and Energy	J. Satheesh Kumar, Om Prakash, Yatintra Gopal, Amrita Rai, Amit Ranjan	Elsevier Ltd	10.1016/j.prime.2023.100221	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167621329&doi=10.1016%2Fj.prime.2023.100221&partnerID=40&md5=fb05942015c63aa6c657e6fbc12c0a	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167621329&doi=10.1016%2Fj.prime.2023.100221&partnerID=40&md5=fb05942015c63aa6c657e6fbc12c0a	Scopus
156	2023	Rheological characteristics and tribological performance of neem biodiesel-based nano oil added with MWCNT	Biomass Conversion and Biorefinery	Nishant Kumar Singh, Yashvir Singh, Abhishek Sharma, Vivekanandan Chinnasamy, Arkom Palamaniti	Springer Science and Business Media Deutschland GmbH	10.1007/s13399-021-01919-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114445787&doi=10.1007%2Fs13399-021-01919-7&partnerID=40&md5=551bc2d22a38035c24d9e26723ebc6c	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114445787&doi=10.1007%2Fs13399-021-01919-7&partnerID=40&md5=551bc2d22a38035c24d9e26723ebc6c	Scopus
157	2023	Comparison of Continuous and Pulsating Water Jet during Piercing of Ductile Material	Materials	Akash Nag, Madhulika Srivastava, Jana Petrú, Petra Váňová, Ashish Kumar Srivastava, Sergej Hloch	MDPI	10.3390/ma16093558	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159281247&doi=10.3390%2Fma16093558&partnerID=40&md5=670a4e88941b8e2d38eb3f4d1942a83	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159281247&doi=10.3390%2Fma16093558&partnerID=40&md5=670a4e88941b8e2d38eb3f4d1942a83	Scopus
158	2023	Investigation on mechanical properties of ZTA+ Cr3C2 + Ni reinforced EN31 steel-based composite material: Micromechanical finite-element analysis	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	Ambuj Saxena, Shashi Prakash Dwivedi, Abhishek Kaushik, Shubham Singh	SAGE Publications Ltd	10.117			

S. No.	Year	Title of Publication	Name of Journal	Names of Authors	Name of Publisher (Journal)	DOI	URL of Paper (SCOPUS)	URL of Paper (online journal)	Source
169	2023	Handling dynamic network behavior and unbalanced datasets for WSN anomaly detection	Journal of Ambient Intelligence and Humanized Computing	Ranjit Kumar, Sachin Tripathi, Rajeev Agrawal	Springer Science and Business Media Deutschland GmbH	10.1007/s12652-021-03669-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123471431&doi=10.1007%2Fs12652-021-03669-w&partnerID=40&md5=72f644d6e1c9e1ef95d3a2f8fb99faf	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123471431&doi=10.1007%2Fs12652-021-03669-w&partnerID=40&md5=72f644d6e1c9e1ef95d3a2f8fb99faf	Scopus
170	2023	Oppositional Grass Hopper Optimization with Fuzzy Classifier for Face Recognition from Video Database	Wireless Personal Communications	Ganesh Gupta, Avinash Dwivedi, Vipin Rai, Shivani Joshi, Rajiv Kumar	Springer	10.1007/s11277-023-10599-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169933267&doi=10.1007%2Fs11277-023-10599-7&partnerID=40&md5=5d0cb3f5c80835651d4ef063807997b7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169933267&doi=10.1007%2Fs11277-023-10599-7&partnerID=40&md5=5d0cb3f5c80835651d4ef063807997b7	Scopus
171	2023	Linearly decreasing inertia weight PSO and improved weight factor-based clustering algorithm for wireless sensor networks	Journal of Ambient Intelligence and Humanized Computing	Shilpa Choudhary, S. Sugumaran, Akram Belazi, Ahmed A. Abd El-Latif	Springer Science and Business Media Deutschland GmbH	10.1007/s12652-021-03534-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117814038&doi=10.1007%2Fs12652-021-03534-w&partnerID=40&md5=8bd92b6de21589a09b6607b0d9a98f513	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117814038&doi=10.1007%2Fs12652-021-03534-w&partnerID=40&md5=8bd92b6de21589a09b6607b0d9a98f513	Scopus
172	2023	Breast cancer diagnosis using Stochastic Self-Organizing Map andEnlarge C4.5	Multimedia Tools and Applications	Arvind Jaiswal, Rajeev Kumar	Springer	10.1007/s11042-022-14265-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143274654&doi=10.1007%2Fs11042-022-14265-1&partnerID=40&md5=f86c890a15b1822ee7c1b35e903e6bfe	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143274654&doi=10.1007%2Fs11042-022-14265-1&partnerID=40&md5=f86c890a15b1822ee7c1b35e903e6bfe	Scopus
173	2023	Fault Diagnosis of SPV Power Plant Based On Real-Time Data	Evergreen	Laxmi Kant Sagar, D. Bhagwan Das	Joint Journal of Novel Carbon Resource Sciences and Green Asia Strategy	10.5109/71160903	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85182997649&doi=10.5109%2F71160903&partnerID=40&md5=7aff7b692460dc6ba3d92621f3d991	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85182997649&doi=10.5109%2F71160903&partnerID=40&md5=7aff7b692460dc6ba3d92621f3d991	Scopus
174	2023	Security Challenges in Building Blockchains Bridges and Countermeasures	Evergreen	Sai Pranav Krishna, Pushpa Singh	Joint Journal of Novel Carbon Resource Sciences and Green Asia Strategy	10.5109/71151703	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174611088&doi=10.5109%2F71151703&partnerID=40&md5=32061eb1ed9466ba707428aeb6282d79	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174611088&doi=10.5109%2F71151703&partnerID=40&md5=32061eb1ed9466ba707428aeb6282d79	Scopus
175	2023	A Novel Sentimental Analysis for Response to Natural Disaster on Twitter Data	International Journal of Pattern Recognition and Artificial Intelligence	Sachin Minocha, Birmohan Singh	World Scientific	10.1142/S0218001423570070	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166034012&doi=10.1142%2FS0218001423570070&partnerID=40&md5=fcb00591d82c2933e0b043164d6f89a	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166034012&doi=10.1142%2FS0218001423570070&partnerID=40&md5=fcb00591d82c2933e0b043164d6f89a	Scopus
176	2023	Theoretical Investigation of Dual-Material Stacked Gate Oxide-Source Dielectric Pocket TFEET Based on Interface Trap Charges and Temperature Variations	Journal of Circuits, Systems and Computers	Kaushal Kumar Nigam, Dharmender, Vinay Anand Tikkiwal, Mukesh Kumar Bind	World Scientific	10.1142/S0218126623502523	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158891000&doi=10.1142%2FS0218126623502523&partnerID=40&md5=35f1c3d64de3ea94b553c4dc7eb5f63c	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158891000&doi=10.1142%2FS0218126623502523&partnerID=40&md5=35f1c3d64de3ea94b553c4dc7eb5f63c	Scopus
177	2023	Supervised Machine Learning Method for Ontology-based Financial Decisions in the Stock Market	ACM Transactions on Asian and Low-Resource Language Information Processing	Neha Sharma, Mukesh Soni, Sumit Kumar, Rajeev Kumar, Nabamita Deb, Anurag Shivastava	Association for Computing Machinery	10.1145/3554733	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162127497&doi=10.1145%2F3554733&partnerID=40&md5=a778cf295077147b57f6c04e476040a9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162127497&doi=10.1145%2F3554733&partnerID=40&md5=a778cf295077147b57f6c04e476040a9	Scopus
178	2023	Grain size, coefficient of thermal expansion and corrosion behavior of eggshell and rice husk ash reinforced composite material	World Journal of Engineering	Anas Islam, Shashi Prakash Dwivedi, Rajat Yadav, Vijay Kumar Dwivedi	Emerald Publishing	10.1108/WJE-02-2022-0087	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133126438&doi=10.1108%2FWJE-02-2022-0087&partnerID=40&md5=8ab10ebdcd6ee41994467341e37e8b93	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133126438&doi=10.1108%2FWJE-02-2022-0087&partnerID=40&md5=8ab10ebdcd6ee41994467341e37e8b93	Scopus
179	2023	LSTM-based adaptive whale optimization model for classification of fused multimodal medical image	Signal, Image and Video Processing	Vipin Rai, Ganesh Gupta, Shivani Joshi, Rajiv Kumar, Avinash Dwivedi	Springer Science and Business Media Deutschland GmbH	10.1007/s11760-022-02439-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148907491&doi=10.1007%2Fs11760-022-02439-1&partnerID=40&md5=15689f464ad7933bd4c505fab44d4cc	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148907491&doi=10.1007%2Fs11760-022-02439-1&partnerID=40&md5=15689f464ad7933bd4c505fab44d4cc	Scopus
180	2023	Malicious Node Detection in Vehicular Ad-hoc Network (VANET) using Enhanced Beacon Trust Management with Clustering Protocol (EBTM-CP)	Wireless Personal Communications	Chitvan Gupta, Laxman Singh, Rajdev Tiwari	Springer	10.1007/s11277-023-10287-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150501009&doi=10.1007%2Fs11277-023-10287-6&partnerID=40&md5=defa93cdab3cc771d3776429430fb81	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150501009&doi=10.1007%2Fs11277-023-10287-6&partnerID=40&md5=defa93cdab3cc771d3776429430fb81	Scopus
181	2023	Modulation of ethylene and ROS-scavenging enzymes by multifarious plant growth-promoting endophytes in tomato (Solanum lycopersicum) plants to combat Xanthomonas - induced stress	Plant Physiology and Biochemistry	Shikha Gupta, Sangeeta Pandey, Shoma Paul Nandi, Monika Singh	Elsevier Masson s.r.l.	10.1016/j.plaphy.2023.107982	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168830749&doi=10.1016%2Fplaphy.2023.107982&partnerID=40&md5=a40455c7436f5834d8a9318cd7b577018	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168830749&doi=10.1016%2Fplaphy.2023.107982&partnerID=40&md5=a40455c7436f5834d8a9318cd7b577018	Scopus
182	2023	Monitoring of PAHs (Fluoranthene and Benzo(a)Anthracene) in Ambient Air of Ghaziabad Area of National Capital Region and Control of Air Pollution by Triveni Wood	Polycyclic Aromatic Compounds	Nidhi Rani	Taylor and Francis Ltd.	10.1080/10406638.2022.2067193	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130543996&doi=10.1080%2F10406638.2022.2067193&partnerID=40&md5=f445b32dfb8aca82c82c8b8a0043ccb9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130543996&doi=10.1080%2F10406638.2022.2067193&partnerID=40&md5=f445b32dfb8aca82c82c8b8a0043ccb9	Scopus
183	2023	Microstructure and mechanical testing of Al/graphite/Fly-ash metal matrix composite material	World Journal of Engineering	Rajat Yadav, Shashi Prakash Dwivedi, Vijay Kumar Dwivedi, Anas Islam	Emerald Publishing	10.1108/WJE-07-2021-0408	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115046374&doi=10.1108%2FWJE-07-2021-0408&partnerID=40&md5=7a9054a1478b407ac3cb5e47df0fa42	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115046374&doi=10.1108%2FWJE-07-2021-0408&partnerID=40&md5=7a9054a1478b407ac3cb5e47df0fa42	Scopus
184	2023	Effect of Pulsation in Microstructure and Mechanical Properties of Titanium Alloy-Annealed Welded Joints at Different Temperatures	Photonics	Uday Kumar, Somnath Chattopadhyaya, Alok Kumar Das, A.H. Selikh, Shubham Sharma, Shashi Prakash Dwivedi, Kaori Nagai, Abhinav Kumar, Ashish Agrawal, Sunpreet Singh	MDPI	10.3390/photonics10040372	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153731896&doi=10.3390%2Fphotonics10040372&partnerID=40&md5=e1192be9b971863a01ecbf433a31c468	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153731896&doi=10.3390%2Fphotonics10040372&partnerID=40&md5=e1192be9b971863a01ecbf433a31c468	Scopus
185	2023	Three-Dimensional Numerical Simulations to Extend the Measurement Range of Laminar Burning Velocity of Heat Flux Burners	Flow, Turbulence and Combustion	Vinod Kumar Yadav	Springer Science and Business Media B.V.	10.1007/s10494-023-00398-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147358358&doi=10.1007%2Fs10494-023-00398-2&partnerID=40&md5=11b070ac3f9d1d6a189b9c1b39b461e	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147358358&doi=10.1007%2Fs10494-023-00398-2&partnerID=40&md5=11b070ac3f9d1d6a189b9c1b39b461e	Scopus
186	2023	Application of proposed hybrid active genetic algorithm for optimization of traveling salesman problem	Soft Computing	Rahul Jain, Kushal Pal Singh, Arvind Meena, Kun Bihari Rana, Makkhan Lal Meena, Govind Sharan Dangayach, Xiao-Zhi Gao	Springer Science and Business Media Deutschland GmbH	10.1007/s00500-022-07581-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140100797&doi=10.1007%2Fs00500-022-07581-z&partnerID=40&md5=54c3e58185d05e4025c261b17e4ebb	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140100797&doi=10.1007%2Fs00500-022-07581-z&partnerID=40&md5=54c3e58185d05e4025c261b17e4ebb	Scopus
187	2023	STUDIES ON PHYSICAL, MICRO-STRUCTURAL, AND SLURRY EROSION BEHAVIOR OF COLD-SPRAYED Ni-20Cr+TiC+Re COATINGS ON S45C STEEL FOR HIGH-TEMPERATURE APPLICATIONS	Surface Review and Letters	Yadvinder Singh, Shubham Sharma, Gurpreet Singh, Gursharan Singh, Juhar Singh, Shashi Prakash Dwivedi, Sunpreet Singh, Ranvijay Kumar, S. Chattopadhyaya, Changhe Li	World Scientific	10.1142/S0218625X2350021X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150716430&doi=10.1142%2FS0218625X2350021X&partnerID=40&md5=6543bf282385609c7d43ea45e90c1599	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150716430&doi=10.1142%2FS0218625X2350021X&partnerID=40&md5=6543bf282385609c7d43ea45e90c1599	Scopus
188	2023	Water wave optimized nonsubsampling shearlet transformation technique for multimodal medical image fusion	Concurrency and Computation: Practice and Experience	Amrita, Shivani Joshi, Rajiv Kumar, Avinash Dwivedi, Vipin Rai, Sansar Singh Chauhan	John Wiley and Sons Ltd	10.1002/cpe.7591	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146990537&doi=10.1002%2Fcpe.7591&partnerID=40&md5=87c0ff6b2ba293d194fc645525d4b771	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146990537&doi=10.1002%2Fcpe.7591&partnerID=40&md5=87c0ff6b2ba293d194fc645525d4b771	Scopus
189	2023	A Real Time Dynamic Approach for Management of Vehicle Generated Traffic	Evergreen	Hemant Kumar Chaudhary, Kartikeya Saraswat, Harshita Yadav, Hitthik Puri, Asha Rani Mishra, Sansar Singh Chauhan	Joint Journal of Novel Carbon Resource Sciences and Green Asia Strategy	10.5109/6781078	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161810825&doi=10.5109%2F6781078&partnerID=40&md5=5f9a95ccba429633da5f9b58b2eca96c	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161810825&doi=10.5109%2F6781078&partnerID=40&md5=5f9a95ccba429633da5f9b58b2eca96c	Scopus
190	2023	Special Vehicle Like Ambulance Recognition and Security System Using Mobility Accrediti System	Revue d'Intelligence Artificielle	Amrita Rai, Krishanu Kundu, Rahul Dev, Seema Nayak, Jaishanker Prasad Keshari, Durgesh Nandan	International Information and Engineering Technology Association	10.18280/ria.370228	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163982252&doi=10.18280%2Fria.370228&partnerID=40&md5=12c4742af449fcb855c1c4c95a340d6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163982252&doi=10.18280%2Fria.370228&partnerID=40&md5=12c4742af449fcb855c1c4c95a340d6	Scopus
191	2023	Scientific Assessment and Sorting of Topological Parameters Affecting Time in Recovering from COVID-19	International Journal of Experimental Research and Review	Prem Chand Vashist, Rahul Vashist, Ashish Tripathi	International Academic Publishing House (IAPH)	10.52756/ijerr.2023.v30.033			

S. No.	Year	Title of Publication	Name of Journal	Names of Authors	Name of Publisher (Journal)	DOI	URL of Paper (SCOPUS)	URL of Paper (online journal)	Source
204	2023	Exploration of in vitro Antierpithelial Activity of Coumarin-sulphonamide Derivative against Genital Herpes	Evergreen	Ashish Kumar, Dipti Bhatti, Navneet Kumar, Mamta Mishra	Joint Journal of Novel Carbon Resource Sciences and Green Asia Strategy	10.5109/6781067	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161890276&doi=10.5109%2F6781067&partnerID=40&md5=rcd1ac054a698f401497e5d3e67751	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161890276&doi=10.5109%2F6781067&partnerID=40&md5=rcd1ac054a698f401497e5d3e67751	Scopus
205	2023	Combined Effect of Phosphonium Ionic Liquid and Copper Oxide Nanopowder as Additives to the Bio-based Lubricant During Tribological Analysis	Waste and Biomass Valorization	Yashvir Singh, Nishant Kumar Singh, Abhishek Sharma, Irfan Anjum Badruddin, Sarfaraz Kamangar	Springer Science and Business Media B.V.	10.1007/s12649-022-01842-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132301197&doi=10.1007%2Fs12649-022-01842-6&partnerID=40&md5=a9a8c62d3b44236c3c95d094e390f	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132301197&doi=10.1007%2Fs12649-022-01842-6&partnerID=40&md5=a9a8c62d3b44236c3c95d094e390f	Scopus
206	2023	Enhanced Performance of Isogenies Over Huff Curve for Post Quantum Cryptography	International Journal of Intelligent Engineering and Systems	Akash Rathor, Manoj Kumar, R.K. Mishra, Shivender Goswami, Ankit Chaudhary	Intelligent Network and Systems Society	10.22266/ijies.2023.1231.37	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8512736601&doi=10.22266%2Fijies.2023.1231.37&partnerID=40&md5=03b3ad7ca4f2c71dd8edc814239e24fa	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8512736601&doi=10.22266%2Fijies.2023.1231.37&partnerID=40&md5=03b3ad7ca4f2c71dd8edc814239e24fa	Scopus
207	2023	A robust technique for biometric image authentication using invisible watermarking	Multimedia Tools and Applications	Payal Garg, Ajit Jain	Springer	10.1007/s11042-022-13314-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132450373&doi=10.1007%2Fs11042-022-13314-z&partnerID=40&md5=3b2dae0c1e1c19f538c1bf3a207f91c6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132450373&doi=10.1007%2Fs11042-022-13314-z&partnerID=40&md5=3b2dae0c1e1c19f538c1bf3a207f91c6	Scopus
208	2023	Design and comparative analysis of circuit theory model-based slot-loaded printed rectangular monopole antenna for UWB applications with notch band	International Journal of Communication Systems	Ashok Yadav, Pramod Singh, Ramesh Kumar Verma, Vinod Kumar Singh	John Wiley and Sons Ltd	10.1002/dac.5390	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142178266&doi=10.1002%2Fdac.5390&partnerID=40&md5=7b136a7816a2ac5e3a351e74195afbf2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142178266&doi=10.1002%2Fdac.5390&partnerID=40&md5=7b136a7816a2ac5e3a351e74195afbf2	Scopus
209	2023	Prediction of health monitoring with deep learning using edge computing	Measurement: Sensors	Piyush Gupta, Ajay Veer Chouhan, Mohammed Abdul Wajed, Shivam Tiwari, Ankur Singh Bist, Shiv Charan Puri	Elsevier Ltd	10.1016/j.measen.2022.100604	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144056899&doi=10.1016%2Fj.measen.2022.100604&partnerID=40&md5=2317a0d672d91ec1ec10e0b077adccabb	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144056899&doi=10.1016%2Fj.measen.2022.100604&partnerID=40&md5=2317a0d672d91ec1ec10e0b077adccabb	Scopus
210	2023	Does green self-identity influence the revisit intention of dissatisfied customers in green restaurants?	Management of Environmental Quality: An International Journal	Durgesh Agnihotri, Kulluasha Kulkreshtha, Vikas Tripathi, Pallavi Chaturvedi	Emerald Publishing	10.1108/MEQ-03-2022-0076	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140991967&doi=10.1108%2FMEQ-03-2022-0076&partnerID=40&md5=8cd6849f83b724ba9150e37309f0a3e	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140991967&doi=10.1108%2FMEQ-03-2022-0076&partnerID=40&md5=8cd6849f83b724ba9150e37309f0a3e	Scopus
211	2023	Micro-Mechanical Finite Element Analysis on Mechanical Behavior of EN31 Steel-Based Metal Matrix Composite	Transactions of the Indian Institute of Metals	Ambuj Saxena, Shashi Prakash Dwivedi, Ashish Kumar Srivastava, Abhishek Kaushik, Shubham Sharma	Springer	10.1007/s12666-022-02691-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138199616&doi=10.1007%2Fs12666-022-02691-6&partnerID=40&md5=6ea21bd0e0d08643b094c77e4197a4c	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138199616&doi=10.1007%2Fs12666-022-02691-6&partnerID=40&md5=6ea21bd0e0d08643b094c77e4197a4c	Scopus
212	2023	MULTIOBJECTIVE OPTIMIZATION OF CASCADE REFRIGERATION SYSTEM USING NH3-CO2 AND NH3-N2O REFRIGERANT PAIRS	International Journal of Energy for a Clean Environment	Kaushalendra Kumar Singh, Rajesh Kumar, Anjana Gupta	Begell House Inc.	10.1615/InterJEnerCleanEnv.2022.038967	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162230461&doi=10.1615%2FinterJEnerCleanEnv.2022.038967&partnerID=40&md5=bb4321339a94f2e7a2b89afca9a10e5a	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162230461&doi=10.1615%2FinterJEnerCleanEnv.2022.038967&partnerID=40&md5=bb4321339a94f2e7a2b89afca9a10e5a	Scopus
213	2023	IoT and AI-based Intelligent Agriculture Framework for Crop Prediction	International Journal of Sensors, Wireless Communications and Control	Pushpa Singh, Murari Kumar Singh, Narenda Singh, Ashish Chakraverti	Bentham Science Publishers	10.2174/2210327913666230509144225	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168278177&doi=10.2174%2F2210327913666230509144225&partnerID=40&md5=bf30917a8b02719bdf65e5b4843b15	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168278177&doi=10.2174%2F2210327913666230509144225&partnerID=40&md5=bf30917a8b02719bdf65e5b4843b15	Scopus
214	2023	Time-dependent wetting behavior of the micro-textured stainless steel 316L using the mechanical indentation method	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	Suryank Dwivedi, Amit Rai Dixit, Alok Kumar Das, Ashish Kumar Srivastava	SAGE Publications Ltd	10.1177/09544089231205782	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174236205&doi=10.1177%2F09544089231205782&partnerID=40&md5=1336d4e4f1b21024eb15615d9890c4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174236205&doi=10.1177%2F09544089231205782&partnerID=40&md5=1336d4e4f1b21024eb15615d9890c4	Scopus
215	2023	A novel approach to secure biometric data using integer wavelet transform, chaotic sequences and improved logistic system-based watermarking	International Journal of Computer Applications in Technology	Payal Garg, Ajit Jain	Inderscience Publishers	10.1504/IJCAT.2023.132407	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168692268&doi=10.1504%2FIJCAT.2023.132407&partnerID=40&md5=93f92ece01a17ab30348e02493687249	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168692268&doi=10.1504%2FIJCAT.2023.132407&partnerID=40&md5=93f92ece01a17ab30348e02493687249	Scopus
216	2023	Real-Time Face Recognition System with Enhanced Security Features using Deep Learning	International Journal of Experimental Research and Review	Mukta Banerjee, Riya Goyal, Pragati Gupta, Ashish Tripathi	International Academic Publishing House (IAPH)	10.52756/IJERR.2023.V32.011	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173276354&doi=10.52756%2FIJERR.2023.V32.011&partnerID=40&md5=naa8521db2e980e63f25b52a3751f665f	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173276354&doi=10.52756%2FIJERR.2023.V32.011&partnerID=40&md5=naa8521db2e980e63f25b52a3751f665f	Scopus
217	2023	Sustainable Coloration and Bioactive Functionalization of Wool Fabric via Plant-based Naphthoquinone Compounds	Fibers and Polymers	Mohd Shabbir, Faqeer Mohammad	Korean Fiber Society	10.1007/s12221-023-00131-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147575927&doi=10.1007%2Fs12221-023-00131-w&partnerID=40&md5=76bcae52124ab40dfc4d8cbab6569ee	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147575927&doi=10.1007%2Fs12221-023-00131-w&partnerID=40&md5=76bcae52124ab40dfc4d8cbab6569ee	Scopus
218	2023	MULTI-OBJECTIVE OPTIMIZATION OF AN AMMONIA-BASED MULTI-STAGE VAPOR COMPRESSION REFRIGERATION SYSTEM WITH FLASH INTERCOOLER CUM SUBCOOLER	International Journal of Energy for a Clean Environment	Kaushalendra Kumar Singh, Rajesh Kumar, Anjana Gupta	Begell House Inc.	10.1615/InterJEnerCleanEnv.2022.038969	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162201236&doi=10.1615%2FinterJEnerCleanEnv.2022.038969&partnerID=40&md5=a99ef17464510751310841e1b262d95	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162201236&doi=10.1615%2FinterJEnerCleanEnv.2022.038969&partnerID=40&md5=a99ef17464510751310841e1b262d95	Scopus
219	2023	An empirical evaluation of teaching-learning-based optimization, genetic algorithm and particle swarm optimization	International Journal of Computers and Applications	Alok Kumar Shukla, Sanjeev Kumar Pippal, Sansar Singh Chauhan	Taylor and Francis Ltd.	10.1080/1206212X.2019.1686562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075004652&doi=10.1080%2F1206212X.2019.1686562&partnerID=40&md5=38e1f84badc024c04b76c9eccc356d23	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075004652&doi=10.1080%2F1206212X.2019.1686562&partnerID=40&md5=38e1f84badc024c04b76c9eccc356d23	Scopus
220	2023	Estimation Features by Transformed Bernstein kind Polynomials	International Journal of Experimental Research and Review	Ravendra Kumar Mishra, Sudesh Kumar Garg, Rupa Rani Sharma, Priyanka Sharma	International Academic Publishing House (IAPH)	10.52756/IJERR.2023.V32.008	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173217136&doi=10.52756%2FIJERR.2023.V32.008&partnerID=40&md5=c680f9ae358d7c51418b224e4c7c37c	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173217136&doi=10.52756%2FIJERR.2023.V32.008&partnerID=40&md5=c680f9ae358d7c51418b224e4c7c37c	Scopus
221	2023	Comparison of Artificial Decision Techniques for Detection of Sarcastic News Headlines	International Journal of Cyber Behavior, Psychology and Learning	Tarun Jain, Horeish Kumar, Payal Garg, Abhinav Pillai, Aditya Sinha, Vivek Kumar Verma	IGI Global	10.4018/IJCBPL.330131	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172931960&doi=10.4018%2FIJCBPL.330131&partnerID=40&md5=35538ccc91d5640a1ddc1a0eb657173ae	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172931960&doi=10.4018%2FIJCBPL.330131&partnerID=40&md5=35538ccc91d5640a1ddc1a0eb657173ae	Scopus
222	2023	Representative volume element (RVE) based FEA investigation on the plastic flow behaviour of friction-stir processed AA7075/Si3N4 composite under constrained deformation conditions	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	Ambuj Saxena, Shashi Prakash Dwivedi	SAGE Publications Ltd	10.1177/09544089231193603	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167783322&doi=10.1177%2F09544089231193603&partnerID=40&md5=2504433a853e71c2ec7a737e26c574	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167783322&doi=10.1177%2F09544089231193603&partnerID=40&md5=2504433a853e71c2ec7a737e26c574	Scopus
223	2023	Optimization of geometric and flow parameters of solar air heater roughened with artificial roughness by Taguchi method	Archives of Thermodynamics	Mukesh Kumar Sahu, Shivam Mishra, Avinash Kumar	Polska Akademia Nauk	10.24425/ather.2023.147535	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85181168013&doi=10.24425%2Father.2023.147535&partnerID=40&md5=9d9d402adc5ef092e268f171637904e9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85181168013&doi=10.24425%2Father.2023.147535&partnerID=40&md5=9d9d402adc5ef092e268f171637904e9	Scopus
224	2023	A Psychological Approach to Promote Climate Change and Sustainable Economic Development Using Information and Communication based Application	Journal for ReAttach Therapy and Developmental Diversities	Diwakar Chaudhary, Vipul Pathak, Kriti Swarup, Mukul Pratap Singh, Rashi Balyan, Priyanka Chauhan	ReAttach Therapy International Foundation		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165972483&partnerID=40&md5=18671cd7ac60df140971eb549dc6ca	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165972483&partnerID=40&md5=18671cd7ac60df140971eb549dc6ca	Scopus
225	2023	Design and Analysis of a Low-profile Microstrip Antenna for 5G Applications using AI-based PSO Approach	Journal of Telecommunications and Information Technology	Krishanu Kundu, Ankan Bhattacharya, Firdous H. Mohammed, Narenda Nath Pathak	National Institute of Telecommunications	10.26636/jtit.2023.3.1368	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174323251&doi=10.26636%2Fjit.2023.3.1368&partnerID=40&md5=1dd668436c48354f6a31314baab641b1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174323251&doi=10.26636%2Fjit.2023.3.1368&partnerID=40&md5=1dd668436c48354f6a31314baab641b1	Scopus
226	2023	An Investigation for Minimizing the Wear Loss of Microwave-Assisted Synthesized g-C3N4/MoS2 Nanocomposite Coated Substrate	Coatings	Mukul Saxena, Anuj Kumar Sharma, Ashish Kumar Srivastava, Narenda Singh, Amit Rai Dixit	MDPI	10.3390/coatings13010118			

S. No.	Year	Title of Publication	Name of Journal	Names of Authors	Name of Publisher (Journal)	DOI	URL of Paper (SCOPUS)	URL of Paper (online journal)	Source
239	2023	Evaluation of CNN-based computer vision recommended treatments for recognised guava disease	International Journal of Embedded Systems	Vishal Kumar Kanauja, Satya Prakash Yadav, Awadhesh Kumar, Victor Hugo C. de Albuquerque, Caio dos Santos Nascimento	Inderscience Publishers	10.1504/IJES.2023.141930	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85206262160&doi=10.1504%2FIJES.2023.141930&partnerID=40&md5=380076f9e17906d667f50345d761e234	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85206262160&doi=10.1504%2FIJES.2023.141930&partnerID=40&md5=380076f9e17906d667f50345d761e234	Scopus
240	2023	Competencies for the academy and market perspective: an approach to the unsustainable development goals	International Journal of Experimental Research and Review	Sandeep Kumar Gupta, Chhaya Dubey, Ladociea A. Weersma, Ruchika Vats, Deepa Rajesh, Koretskiy Oleksandr, Rajiv Ratan	International Academic Publishing House (IAPH)	10.52756/IJERR.2023.V32.005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173274714&doi=10.52756%2FIJERR.2023.V32.005&partnerID=40&md5=085940f94134e0164230e784f3b7405	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173274714&doi=10.52756%2FIJERR.2023.V32.005&partnerID=40&md5=085940f94134e0164230e784f3b7405	Scopus
241	2023	LRS Bianchi Type-I String Cosmological Models in fQ Gravity	Journal of Mathematics	Mukesh Kumar, Manvinder Singh, Mohit Bajaj, Hossam Kotb, Djedjou Temene Hermann	Hindawi Limited	10.1155/2023/7016804	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8516617605&doi=10.1155%2F2023%2F7016804&partnerID=40&md5=4bfac4b68b7c07084c2bb9382559a674	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8516617605&doi=10.1155%2F2023%2F7016804&partnerID=40&md5=4bfac4b68b7c07084c2bb9382559a674	Scopus
242	2023	Mathematical Modeling of Driving Forces of an Electric Vehicle for Sustainable Operation	IEEE Access	Anubhav Agrawal, Ranbir Singh, Nagendra Kumar, Vijay Prakash Singh, Majed A. Alotaibi, Hasmat Malik, Fausto Pedro Garcia Marquez, Mohammad Asaf Hossaini	Institute of Electrical and Electronics Engineers Inc.	10.1109/ACCESS.2023.3309728	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169674143&doi=10.1109%2FACCESS.2023.3309728&partnerID=40&md5=989e0bf4db667f43ab5325b0ceaf3c	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169674143&doi=10.1109%2FACCESS.2023.3309728&partnerID=40&md5=989e0bf4db667f43ab5325b0ceaf3c	Scopus
243	2023	Design and Optimization of 4-Bit Array Multiplier with Adiabatic Logic Using 65 nm CMOS Technologies	IET Journal of Research	Divya Sharma, Amrita Rai, Sunita Debbarma, Om Prakash, Mukesh Kumar Ojha, Vijay Nath	Taylor and Francis Ltd.	10.1080/03772063.2023.2204857	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158885678&doi=10.1080%2F03772063.2023.2204857&partnerID=40&md5=3d4b712c5af15a3de49e65ce757bbcf1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158885678&doi=10.1080%2F03772063.2023.2204857&partnerID=40&md5=3d4b712c5af15a3de49e65ce757bbcf1	Scopus
244	2023	A Power-Efficient Error Detection and Correction Circuit Design Using Hamming Codes for Portable Electronic Devices	Mathematical Modelling of Engineering Problems	Imran Ahmad Khan, Maseera Shahid, Jaishanker Prasad Keshari, Amrita Rai	International Information and Engineering Technology Association	10.18280/mmep.100327	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165010043&doi=10.18280%2Fmmep.100327&partnerID=40&md5=78a9a3df6b275a310c9e0448bf5e84	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165010043&doi=10.18280%2Fmmep.100327&partnerID=40&md5=78a9a3df6b275a310c9e0448bf5e84	Scopus
245	2023	Mathematical modeling and parameter analysis of quantum antenna for IoT sensor-based biomedical applications	Journal of Autonomous Intelligence	Ram Krishna, Rajeev Singh Yaduvanshi, Harendra Singh, Arun Kumar Rana, Nitin Goyal, Ravinder Kumar	Frontier Scientific Publishing	10.32629/jai.v6i2.578	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85171358933&doi=10.32629%2Fjai.v6i2.578&partnerID=40&md5=a46c6afaf9958c85275fc7074605778	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85171358933&doi=10.32629%2Fjai.v6i2.578&partnerID=40&md5=a46c6afaf9958c85275fc7074605778	Scopus
246	2023	Improved Secure Encryption with Energy Optimization Using Random Permutation Pseudo Algorithm Based on Internet of Thing in Wireless Sensor Networks	Energies	S. Nagaraj, Atul B. Kathole, Leena Arya, Neha Tyagi, S.B. Goyal, Anand Singh Rajawat, Maria Simona Raboaca, Traian Candin Mihailtan, Chaman Verma, George Suci	MDPI	10.3390/en16010008	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145768400&doi=10.3390%2Fen16010008&partnerID=40&md5=5eab6f349985c38437f8b49f00c4e25	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145768400&doi=10.3390%2Fen16010008&partnerID=40&md5=5eab6f349985c38437f8b49f00c4e25	Scopus
247	2023	Changing Management Trends Being Practiced in the Medium and Large-Scale Firms with Reference to Employee Psychology	Journal for ReAttach Therapy and Developmental Diversities	Chaudhary Diwakar, Sunil M. Adhav, S. Kumaraperumal, Monica Gupta, Heena Vig, V. Murali	ReAttach Therapy International Foundation		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150500124&partnerID=40&md5=71fd37f7cc82c37791cbd1a89406f	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150500124&partnerID=40&md5=71fd37f7cc82c37791cbd1a89406f	Scopus
248	2023	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	Govindaswamy Sundaramali, Jeeva P. Aiyasamy, Sambantham Karthikeyan, Thanjavur K. Kandavel, Balasubramanian Arulmurugan, Thaniraju Rajkumar, Shubham Sharma, Changhe Li, Shashi Prakash Dwivedi, Abhinav Kumar, Rajesh Singh, Sayed M. Eldin	Walter de Gruyter GmbH	10.1515/rams-2022-0324	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166138172&doi=10.1515%2Frams-2022.0324&partnerID=40&md5=546ea8c333778a706acafce5c15facb	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166138172&doi=10.1515%2Frams-2022.0324&partnerID=40&md5=546ea8c333778a706acafce5c15facb	Scopus
249	2023	Sales-Based Models for Resource Management and Scheduling in Artificial Intelligence Systems	Engineering Proceedings	Deepak Dudeja, Shweta Mayor Sabharwal, Yatish Gangwanar, Manoj Singhal, Nitin Goyal, Ashish Tiwari	Multidisciplinary Digital Publishing Institute (MDPI)	10.3390/engproc2023059043	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188250470&doi=10.3390%2Fengproc2023059043&partnerID=40&md5=5605c1fa0621c8a89a75e2b4716ab6b	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188250470&doi=10.3390%2Fengproc2023059043&partnerID=40&md5=5605c1fa0621c8a89a75e2b4716ab6b	Scopus
250	2023	Miniaturized Quad-Port Conformal Multi-Band (QPC-MB) MIMO Antenna for On-Body Wireless Systems in Microwave-Millimeter Bands	IEEE Access	Manish Sharma, Prabhakara Rao Kapula, Shailaja Salagrama, Kanhaiya Sharma, Gangra Prasad Pandey, Dinesh Kumar Singh, Milind Mahajan, Anupma Gupta	Institute of Electrical and Electronics Engineers Inc.	10.1109/ACCESS.2023.3318313	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173020101&doi=10.1109%2FACCESS.2023.3318313&partnerID=40&md5=92a7d9feb38b465b16fd4402a6bdf11e	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173020101&doi=10.1109%2FACCESS.2023.3318313&partnerID=40&md5=92a7d9feb38b465b16fd4402a6bdf11e	Scopus
251	2023	Fluid flow and heat transfer evaluation and optimisation of solar-assisted air-heater having multi-arc with gaps used as roughness elements	International Journal of Ambient Energy	Navneet Kumar Pandey, Abhishek Sharma, Neelam Yadav, Anil Prakash Singh, Vijay Kumar Bajpai	Taylor and Francis Ltd.	10.1080/01430750.2022.2128412	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139869496&doi=10.1080%2F01430750.2022.2128412&partnerID=40&md5=33d14302e2a9c99b6fada7118eab2992	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139869496&doi=10.1080%2F01430750.2022.2128412&partnerID=40&md5=33d14302e2a9c99b6fada7118eab2992	Scopus
252	2023	Generalized Defensive Modeling of Malware Propagation in WSNs Using Atangana-Baleanu-Caputo (ABC) Fractional Derivative	IEEE Access	Vineet Srivastava, Pramod Kumar Srivastava, Jyoti Mishra, Rudra Pratap Ojha, Purnendu Shekhar Pandey, Radhe Shyam Dwivedi, Lorenzo Carnevale, Antonino Galletta	Institute of Electrical and Electronics Engineers Inc.	10.1109/ACCESS.2023.3276751	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160230095&doi=10.1109%2FACCESS.2023.3276751&partnerID=40&md5=78574f060daee9b042e9f81390d4fb9e2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160230095&doi=10.1109%2FACCESS.2023.3276751&partnerID=40&md5=78574f060daee9b042e9f81390d4fb9e2	Scopus
253	2023	A Breast Cancer Image Classification Algorithm with 2c Multiclass Support Vector Machine	Journal of Healthcare Engineering	Mohammed Abdul Wajied, Shivam Tiwari, Rajat Gupta, Aamir Junaid Ahmad, Seema Agarwal, Sajjad Shaikat Jamal, Simon Karanja Hinga	Hindawi Limited	10.1155/2023/3875525	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164881027&doi=10.1155%2F2023%2F3875525&partnerID=40&md5=a5d2551338b7f6b85e2ca64201192a1c	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164881027&doi=10.1155%2F2023%2F3875525&partnerID=40&md5=a5d2551338b7f6b85e2ca64201192a1c	Scopus
254	2023	Notched Circular EBG Based Circularly Polarized Antenna for Performance Enhancement	Journal of Microwaves, Optoelectronics and Electromagnetic Applications	Alka Verma, Shilpee Patil, Anil Kumar Singh, Anil Kumar Pandey	Sociedade Brasileira de Microondas e Optoeletronica (SBMO)	10.1590/2179-10742023v21i21265710	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153406775&doi=10.1590%2F2179-10742023v21i21265710&partnerID=40&md5=83390087256301226261c1b0df319ac9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153406775&doi=10.1590%2F2179-10742023v21i21265710&partnerID=40&md5=83390087256301226261c1b0df319ac9	Scopus
255	2023	Surface Plasmon Resonance Biosensor Chip for Human Blood Groups Identification Assisted with Silver-Chromium-Hafnium Oxide	Magnetochemistry	Purnendu Shekhar Pandey, Sanjeev Kumar Raghuvanshi, Rajesh Singh, Santosh Kumar	MDPI	10.3390/magnetochemistry9010021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146794772&doi=10.3390%2Fmagnetochemistry9010021&partnerID=40&md5=7a98137cd4c3c28aa14907bc26c1745	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146794772&doi=10.3390%2Fmagnetochemistry9010021&partnerID=40&md5=7a98137cd4c3c28aa14907bc26c1745	Scopus
256	2023	Challenges and future opportunities of nanoparticle applications to various biofuel generation processes – a review	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	Prateek Negi, Yashvir Singh, Avinash Yadav, Nishant Kumar Singh, Abhishek Sharma, Rahul Singh	SAGE Publications Ltd	10.1177/09544089221145485	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144453274&doi=10.1177%2F09544089221145485&partnerID=40&md5=42a8bdc5f60c6e20035e5c1c47b0df	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144453274&doi=10.1177%2F09544089221145485&partnerID=40&md5=42a8bdc5f60c6e20035e5c1c47b0df	Scopus
257	2023	A review on recent developments and advances in environmental gas sensors to monitor toxic gas pollutants	Environmental Progress and Sustainable Energy	Pooja Saxena, Prashant Shukla	John Wiley and Sons Inc	10.1002/ep.14126	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152050682&doi=10.1002%2Fep.14126&partnerID=40&md5=dcf4157397b9a22f377500fd4c74fb310	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152050682&doi=10.1002%2Fep.14126&partnerID=40&md5=dcf4157397b9a22f377500fd4c74fb310	Scopus
258	2023	Artificial Intelligence-Based Approaches for Detection and Classification of Different Classes of Malaria Parasites Using Microscopic Images: A Systematic Review	Archives of Computational Methods in Engineering	Barkha Kakkur, Mohit goyal, Prashant Johri, Yogesh Kumar	Springer Science and Business Media B.V.	10.1007/s11831-023-09959-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162675322&doi=10.1007%2Fs11831-023-09959-0&partnerID=40&md5=7e3bedc8a51478259752add6e931e93d	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162675322&doi=10.1007%2Fs11831-023-09959-0&partnerID=40&md5=7e3bedc8a51478259752add6e931e93d	Scopus
259	2023	Deep Learning Paradigm and Its Bias for Coronary Artery Wall Segmentation in Intravascular Ultrasound Scans: A Closer Look	Journal of Cardiovascular Development and Disease	Vandana Kumari, Naresh Kumar, Sampath Kumar K, Ashish Kumar, Sanagala S. Skandha, Sanjay Saxena, Narendran N. Khanna, John R. Laidir, Narpinder Singh, Mostafa M. Fouda, Luca Saba, Rajesh Singh, Jasjit S. Suri	Multidisciplinary Digital Publishing Institute (MDPI)	10.3390/jcdd10120485	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180710077&doi=10.3390%2Fjcdd10120485&partnerID=40&md5=340a4df026988175bcbf0eeaf9a4a99f	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180710077&doi=10.3390%2Fjcdd10120485&partnerID=40&md5=340a4df026988175bcbf0eeaf9a4a99f	Scopus
260	2023	Antioxidant Potential of Glutathione and Crosstalk with Phytohormones in Enhancing Abiotic Stress Tolerance in Crop Plants	Plants	Gyanendra Kumar Rai, Pradeep Kumar, Sadiya M. Choudhary, Hira Singh, Komal Adb, Rafia Kossar, Isha Magotra, Ranjeet Ranjan Kumar, Monika Singh, Rajni Sharma, Giandomenico Corrado, Yousef Roupheal	MDPI	10.3390/plants12051133	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149976294&doi=10.3390%2Fplants12051133&partnerID=40&md5=0a7c27bf0843ee9933a304918608029c	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149976294&doi=10.3390	

S. No.	Year	Title of Publication	Name of Journal	Names of Authors	Name of Publisher (Journal)	DOI	URL of Paper (SCOPUS)	URL of Paper (online journal)	Source
272	2024	Sustainability of chemically modified Simarouba glauca for tribological applications and chemical structure analysis at different loads	Biomass Conversion and Biorefinery	Yashvir Singh, Nishant Kumar Singh, Abhishek Sharma, Amnesh Singh	Springer Science and Business Media Deutschland GmbH	10.1007/s13399-022-03682-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144657461&doi=10.1007%2Fs13399-022-03682-9&partnerID=40&md5=51e695671686704548469bde207447	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144657461&doi=10.1007%2Fs13399-022-03682-9&partnerID=40&md5=51e695671686704548469bde207447	Scopus
273	2024	Agro-industrial waste management employing benefits of artificial intelligence	Environmental Science and Pollution Research	Amrita Rai, Krishanu Kundu	Springer	10.1007/s11356-024-33526-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-851921492723&doi=10.1007%2Fs11356-024-33526-0&partnerID=40&md5=09a8a3da7213af2236f13763e5b8f	https://www.scopus.com/inward/record.uri?eid=2-s2.0-851921492723&doi=10.1007%2Fs11356-024-33526-0&partnerID=40&md5=09a8a3da7213af2236f13763e5b8f	Scopus
274	2024	Elliptical Multi-Orbital Truncated Flexible Patch Antenna Using PDMS Substrate for Sub-6 GHz Applications	Defence Science Journal	Tilakdhari Singh, Pooja Sharma, Shivesh Tripathi, Vijay Shanker Tripathi	Defense Scientific Information and Documentation Centre	10.14429/dsj.74.19018	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85209104018&doi=10.14429%2Fdsj.74.19018&partnerID=40&md5=f665a94f1cc7a147d44c55c241a53db	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85209104018&doi=10.14429%2Fdsj.74.19018&partnerID=40&md5=f665a94f1cc7a147d44c55c241a53db	Scopus
275	2024	A bidirectional gated recurrent unit based novel stacking ensemble regressor for foretelling the global horizontal irradiance	Sustainable Computing: Informatics and Systems	Rahul Gupta, Aseem Chandel	Elsevier Inc.	10.1016/j.suscom.2024.101041	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85206182392&doi=10.1016%2Fsuscom.2024.101041&partnerID=40&md5=3c9dbf788cbb1d2d1c51fb037afa6a8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85206182392&doi=10.1016%2Fsuscom.2024.101041&partnerID=40&md5=3c9dbf788cbb1d2d1c51fb037afa6a8	Scopus
276	2024	Metallic cladding through microwave energy of the mixture of Ni and 15% SiC powder on AISI 304: A green approach in surface engineering	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	Shashi Prakash Dwivedi, Shubham Sharma	SAGE Publications Ltd	10.1177/09544089231167930	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153119222&doi=10.1177%2F09544089231167930&partnerID=40&md5=f41a7d3b9ef45337a958ed4e66bb0eb	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153119222&doi=10.1177%2F09544089231167930&partnerID=40&md5=f41a7d3b9ef45337a958ed4e66bb0eb	Scopus
277	2024	Exploring factors influencing the entrepreneurial intentions of the youth community towards green ICT to encourage environmental sustainability: Evidence from an emerging economy	Electronic Journal of Information Systems in Developing Countries	Shivam Bhardwaj, Sucheta Agarwal, Vikas Tripathi	John Wiley and Sons Inc	10.1002/isd2.12331	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192249195&doi=10.1002%2Fisd2.12331&partnerID=40&md5=514b27f8ed4b025ac58fb62e0792cd42	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192249195&doi=10.1002%2Fisd2.12331&partnerID=40&md5=514b27f8ed4b025ac58fb62e0792cd42	Scopus
278	2024	Facial Emotion-Based Song Recommender System Using CNN	International Journal of Engineering Trends and Technology	Ashish Tripathi, Abhijit Mishra, Rajnesh Singh, Bhoopendra Dwivedi, Amit Kumar, Kuldeep Singh	Seventh Sense Research Group	10.14445/22315381/IJETT-V72I6P129	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85197272799&doi=10.14445%2F22315381IJETT-V72I6P129&partnerID=40&md5=146013c6bf6b6e237fe5b0d58bc1b67	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85197272799&doi=10.14445%2F22315381IJETT-V72I6P129&partnerID=40&md5=146013c6bf6b6e237fe5b0d58bc1b67	Scopus
279	2024	Development of IoT based intelligent irrigation system using particle swarm optimization and XGBoost techniques	Bulletin of Electrical Engineering and Informatics	D. Teja Santosh, Nandana Anuradha, Madhavi Kolukuri, Gaurav Gupta, Mrunal Kishor Pathak, V. Gokula Krishnan, Abhishek Raghuvanshi	Institute of Advanced Engineering and Science	10.11591/eei.v13i3.6332	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85195138605&doi=10.11591%2Feei.v13i3.6332&partnerID=40&md5=2623dx8582278cb32ac89a8fb4560e18	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85195138605&doi=10.11591%2Feei.v13i3.6332&partnerID=40&md5=2623dx8582278cb32ac89a8fb4560e18	Scopus
280	2024	Progressive loss-aware fine-tuning stepwise learning with GAN augmentation for rice plant disease detection	Multimedia Tools and Applications	Kamal Upreti, Prashant Singh, Dhyanendra Jain, Amit Kumar Pandey, Anjani Gupta, Hare Ram Singh, Santosh Kumar Srivastava, Jay Shankar Prasad	Springer	10.1007/s11042-024-19255-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85191303927&doi=10.1007%2Fs11042-024-19255-z&partnerID=40&md5=1d9fd427a985f5965a4b02449ca0488	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85191303927&doi=10.1007%2Fs11042-024-19255-z&partnerID=40&md5=1d9fd427a985f5965a4b02449ca0488	Scopus
281	2024	Video Anomaly Detection Based on HSOE-FAST Modified Deep Neural Network	SN Computer Science	Anil Kumar Gupta, Rupak Sharma, Rudra Pratap Ojha	Springer	10.1007/s42979-024-02945-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85194849161&doi=10.1007%2Fs42979-024-02945-8&partnerID=40&md5=90a3625a8856012c26881e5463c872e9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85194849161&doi=10.1007%2Fs42979-024-02945-8&partnerID=40&md5=90a3625a8856012c26881e5463c872e9	Scopus
282	2024	On outage and path loss analysis using spectrum sensing of LoRa WAN in IoT communication at L band parameters	Sadhana - Academy Proceedings in Engineering Sciences	Satyendra Sharma, Brahmjit Singh	Springer	10.1007/s12046-024-02575-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100878674&doi=10.1007%2Fs12046-024-02575-z&partnerID=40&md5=c8eb8b85d144f7d7d425cd9d7ff7cf22	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100878674&doi=10.1007%2Fs12046-024-02575-z&partnerID=40&md5=c8eb8b85d144f7d7d425cd9d7ff7cf22	Scopus
283	2024	Complete Analysis of Isogeny on Hessian Curve	IAENG International Journal of Computer Science	Akash Rathor, Manoj Kumar, R.K. Mishra, Shivender Goswami	International Association of Engineers		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85198990773&partnerID=40&md5=1a7777c345457a19912b5c42a50f246	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85198990773&partnerID=40&md5=1a7777c345457a19912b5c42a50f246	Scopus
284	2024	Subjective Evaluation of Clone Attack Detection Using Machine Learning Approach	Evergreen	Rupa Rani, Kuldeep Kumar Yogi, Satya Prakash Yadav	Joint Journal of Novel Carbon Resource Sciences and Green Asia Strategy	10.5109/72736848	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85205762813&doi=10.5109%2F72736848&partnerID=40&md5=21382123c5511d40c25fb64e7627a0d9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85205762813&doi=10.5109%2F72736848&partnerID=40&md5=21382123c5511d40c25fb64e7627a0d9	Scopus
285	2024	Enhancing the accuracy of global horizontal irradiance estimation model using convolutional neural network coupled with wavelet transform	European Physical Journal Plus	Rahul Gupta, S.K. Jha, Pinali Jha, Kumud Chaprana, Sarvendra Kumar Singh	Springer Science and Business Media Deutschland GmbH	10.1140/epjp/s13360-024-05730-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85207624962&doi=10.1140%2Fepjp%2Fs13360-024-05730-x&partnerID=40&md5=78bd0d234c8b9cb7277266cd2c669ce	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85207624962&doi=10.1140%2Fepjp%2Fs13360-024-05730-x&partnerID=40&md5=78bd0d234c8b9cb7277266cd2c669ce	Scopus
286	2024	Development and characterization of grinding sludge-reinforced aluminum-based composite by friction stir process technique	World Journal of Engineering	Shashi Prakash Dwivedi	Emerald Publishing	10.1108/WJE-12-2022-0484	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164905612&doi=10.1108%2FWJE-12-2022-0484&partnerID=40&md5=77d140849f04c4cb0f4bca2d095a7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164905612&doi=10.1108%2FWJE-12-2022-0484&partnerID=40&md5=77d140849f04c4cb0f4bca2d095a7	Scopus
287	2024	A low-profile dual-band millimeter wave patch antenna for high-speed wearable and biomedical applications	Results in Engineering	Rakesh N. Tiwari, O. Sevankith Sai, Deepti Sharma, M. Shiva Kumar, Prabakar Singh, Pradeep Kumar, Chittor Sreemanya, S. Rajasekaran	Elsevier B.V.	10.1016/j.rineng.2024.103212	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85207924144&doi=10.1016%2Fj.rineng.2024.103212&partnerID=40&md5=d007b8cee4eafe9a71a7061b48010c86	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85207924144&doi=10.1016%2Fj.rineng.2024.103212&partnerID=40&md5=d007b8cee4eafe9a71a7061b48010c86	Scopus
288	2024	Comparative Investigation of Mechanical, Tribological, and Thermal Behaviour of Ti6Al4V and 53316 Alloys Fabricated Using Laser Powder Bed Fusion	Russian Journal of Non-Ferrous Metals	Ashish Kumar, Ashish Kumar Srivastava, Rahul Chaurasia, Ambuj Saxena	Pleiades Publishing	10.1134/S1067821225600073	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105004425710&doi=10.1134%2FS1067821225600073&partnerID=40&md5=1bf4fa037da8d9d3cd9bc7c9797d23e	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105004425710&doi=10.1134%2FS1067821225600073&partnerID=40&md5=1bf4fa037da8d9d3cd9bc7c9797d23e	Scopus
289	2024	On time demand traffic estimation based on DBN with Horse herd optimization for next generation wireless network	Expert Systems with Applications	Renu Mavi, Rakshit Singh, Reena Grover	Elsevier Ltd	10.1016/j.eswa.2024.123189	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85182590427&doi=10.1016%2Fj.eswa.2024.123189&partnerID=40&md5=9c6bb1b8314a14515c593aacc9c7b90a	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85182590427&doi=10.1016%2Fj.eswa.2024.123189&partnerID=40&md5=9c6bb1b8314a14515c593aacc9c7b90a	Scopus
290	2024	IPS: Intelligent Parking System Using YOLO and Image Processing	International Journal of Transport Development and Integration	Ruchi Rani, Sumit Kumar, Sanjeev Kumar Pippal, Mrunal Gund, Uka Chaudhari, Riya Agrawal, Megha Dalsaniya, Lisa Verma	International Information and Engineering Technology Association	10.18280/ijtdi.080308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85206209926&doi=10.18280%2Fijtdi.080308&partnerID=40&md5=bd24d6ed18eaea59ff42bc929139b8c	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85206209926&doi=10.18280%2Fijtdi.080308&partnerID=40&md5=bd24d6ed18eaea59ff42bc929139b8c	Scopus
291	2024	Green method production of ZnO nanoparticles using the weed Ageratum conyzoides and their antibacterial potential	Results in Chemistry	Sanjay Kumar, Virendra Kumar, Manoj Kumar Bansal, Arvind Mishra	Elsevier B.V.	10.1016/j.rchem.2024.101909	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85209625358&doi=10.1016%2Fj.rchem.2024.101909&partnerID=40&md5=6cfad47cd0f3ac55c4586061581799	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85209625358&doi=10.1016%2Fj.rchem.2024.101909&partnerID=40&md5=6cfad47cd0f3ac55c4586061581799	Scopus
292	2024	Optimizing multi-tenant database architecture for efficient software as a service delivery	Telkomnika (Telecommunication Computing Electronics and Control)	Sanjeev Kumar Pippal, Sumit Kumar, Ruchi Rani	Universitas Ahmad Dahlan	10.12928/TELKOMNIKA.v22i5.26385	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85202746770&doi=10.12928%2FTELKOMNIKA.v22i5.26385&partnerID=40&md5=1171d22dc87e206bc1193183d3f10c7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85202746770&doi=10.12928%2FTELKOMNIKA.v22i5.26385&partnerID=40&md5=1171d22dc87e206bc1193183d3f10c7	Scopus
293	2024	Annular finite-time stability for IT2 fuzzy networked switched system via non-fragile AETS under multiple attacks: Application to tank reactor chemical process model	Expert Systems with Applications	Mourad Kchaou, Muhammed Haneef Mubeen Tajudeen, Muhammed Syed Ali, Ramachandran Perumal, Bandana Priya, Ganesh Kumar Thakur	Elsevier Ltd	10.1016/j.eswa.2024.124552	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85198012927&doi=10.1016%2Fj.eswa.2024.124552&partnerID=40&md5=182f10ebcccd3c57af49f763c38b64d	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85198012927&doi=10.1016%2Fj.eswa.2024.124552&partnerID=40&md5=182f10ebcccd3c57af49f763c38b64d	Scopus
294	2024	Intelligent Personality Assessment and Verification from Handwriting using Machine Learning	International Journal of Information Technology (Singapore)	Pradeep Kumar Mishra, Gouri Sankar Mishra, Ali Imam Abidi, Rajiv Kumar, Ashok Kumar Sahoo, Tarun Mani	Springer Science and Business Media B.V.	10.1007/s41870-024-02047-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85198453		

S. No.	Year	Title of Publication	Name of Journal	Names of Authors	Name of Publisher (Journal)	DOI	URL of Paper (SCOPUS)	URL of Paper (online journal)	Source
308	2024	A flexible dual-band 4 × 4 MIMO antenna for 5G mm-wave 28/38 GHz wearable applications	Scientific Reports	Rakesh N. Tiwari, Deepti Sharma, Prabhakar Singh, Pradeep Kumar	Nature Research	10.1038/s41598-024-65023-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8519654311598&doi=10.1038/s41598-024-65023-2&partnerID=40&md5=93f25d157f4127e6d8f756fad45c106	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8519654311598&doi=10.1038/s41598-024-65023-2&partnerID=40&md5=93f25d157f4127e6d8f756fad45c106	Scopus
309	2024	Harnessing the power of hybrid deep learning algorithm for the estimation of global horizontal irradiance	Science of the Total Environment	Rahul Gupta, Anil Kumar Yadav, S.K. Jha	Elsevier B.V.	10.1016/j.scitotenv.2024.173958	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85195817193&doi=10.1016/j.scitotenv.2024.173958&partnerID=40&md5=a0a6ca85733bf039ce6cc09581d7245	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85195817193&doi=10.1016/j.scitotenv.2024.173958&partnerID=40&md5=a0a6ca85733bf039ce6cc09581d7245	Scopus
310	2024	Detection of Cloned Attacks in Connecting Media using Bernoulli RBM, RF Classifier (BRRC)	Multimedia Tools and Applications	Rupa Rani, Kuldeep Kumar Yogi, Satya Prakash Yadav	Springer	10.1007/s11042-024-18650-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85185490164&doi=10.1007/s11042-024-18650-w&partnerID=40&md5=f5554da0b3ca5d5bda3ef099eca0b1bd	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85185490164&doi=10.1007/s11042-024-18650-w&partnerID=40&md5=f5554da0b3ca5d5bda3ef099eca0b1bd	Scopus
311	2024	Mole Fraction-Based Approach for Sensitivity Analysis of Dual Material Control Gate Polarity Controlled Tunnel Field Effect Transistor for Applications in Biomedical Engineering	Journal of Circuits, Systems and Computers	Maturkar Shreyanshi, Sangeeth, Kauschal Kumar Nigam, Ajay Singh Raghuvanshi, Dharmender	World Scientific	10.1142/S0218126624502062	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85185306491&doi=10.1142/S0218126624502062&partnerID=40&md5=e6967f6e5801ec6d9f7510478a1e36	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85185306491&doi=10.1142/S0218126624502062&partnerID=40&md5=e6967f6e5801ec6d9f7510478a1e36	Scopus
312	2024	Recent advances of ECG monitoring and webserver health monitoring applications: A review	Optics and Laser Technology	Md. Danish Nadeem, Md Tauseef Iqbal Ansari, Purnendu Shekhar Pandey, Azhar Shadab, Sanjeev Kumar Raghuvanshi, Santosh Kumar	Elsevier Ltd	10.1016/j.optlastec.2024.111039	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85191302885&doi=10.1016/j.optlastec.2024.111039&partnerID=40&md5=46d696691dd1a9615763cd38d463946d	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85191302885&doi=10.1016/j.optlastec.2024.111039&partnerID=40&md5=46d696691dd1a9615763cd38d463946d	Scopus
313	2024	A Comprehensive Approach to Load Frequency Control in Hybrid Power Systems Incorporating Renewable and Conventional Sources with Electric Vehicles and Superconducting Magnetic Energy Storage	Energies	K. Nagendra, K. Varun, G. Som Pal, K. Santosh, Sunil Semwal, Manoj Badoni, Rajeev Kumar	Multidisciplinary Digital Publishing Institute (MDPI)	10.3390/en17235939	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85211789308&doi=10.3390/en17235939&partnerID=40&md5=saca60266e2c6e6864c044c63a1e2848	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85211789308&doi=10.3390/en17235939&partnerID=40&md5=saca60266e2c6e6864c044c63a1e2848	Scopus
314	2024	Experimental investigation and optimization of process parameters on tensile strength of carbon coated PLA material	Physica Scripta	Nagendra Kumar Maurya, Manish Maurya, Mohit Vishnoi, Vikrant Singh, Anuj Bansal, Sachin Dhuli, Ambuj Saxena	Institute of Physics	10.1088/1402-4896/ad8f69	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85209696918&doi=10.1088/2f1402-4896/2fad8f69&partnerID=40&md5=27567293a4a5271b399f45463f8b77a5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85209696918&doi=10.1088/2f1402-4896/2fad8f69&partnerID=40&md5=27567293a4a5271b399f45463f8b77a5	Scopus
315	2024	Sustainability of corn based-biomass for production of bio-oil and their characterization through solar thermal energy approach	Biomass Conversion and Biorefinery	Yashvir Singh, Deepak Singh, Nishant Kumar Singh, Abhishek Sharma	Springer Science and Business Media Deutschland GmbH	10.1007/s13399-022-03657-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144647033&doi=10.1007/s13399-022-03657-w&partnerID=40&md5=5e984bc0e1eb9fed1ec6635bac580be	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144647033&doi=10.1007/s13399-022-03657-w&partnerID=40&md5=5e984bc0e1eb9fed1ec6635bac580be	Scopus
316	2024	Prototyping a wearable and stretchable graphene-on-PDMS sensor for strain detection on human body physiological and joint movements	Microchimica Acta	Prashant Shukla, Pooja Saxena, Devinder Madhwal, Yugal Singh, Nitin Bhardwaj, Rajesh Samal, Vivek Kumar, V.K. Jain	Springer	10.1007/s00604-024-06368-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192137498&doi=10.1007/s00604-024-06368-3&partnerID=40&md5=70436c885b57262599d894099a9df268	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192137498&doi=10.1007/s00604-024-06368-3&partnerID=40&md5=70436c885b57262599d894099a9df268	Scopus
317	2024	Low-Frequency Resistorless Electronically Tunable Quadrature Oscillator Based on an EX-CCII	Journal of Electronic Materials	Khushi Banerjee, Manoj Joshi, Chittajit Sarkar, Sajal Biring	Springer	10.1007/s11664-023-10814-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8519559187&doi=10.1007/s11664-023-10814-y&partnerID=40&md5=2c09487c0bd18347d52769977f11bf2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8519559187&doi=10.1007/s11664-023-10814-y&partnerID=40&md5=2c09487c0bd18347d52769977f11bf2	Scopus
318	2024	Quad-Band 1 × 4 Linear MIMO Antenna for Millimeter-Wave, Wearable and Biomedical Telemetry Applications	Sensors	Rakesh N. Tiwari, K. Geetha Malya, Girigari Nandini, P. Baby Nikhitha, Deepti Sharma, Prabhakar Singh, Pradeep Kumar	Multidisciplinary Digital Publishing Institute (MDPI)	10.3390/s24144427	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85199804466&doi=10.3390/s24144427&partnerID=40&md5=c18f696bce95519b35d17499f3de0dda	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85199804466&doi=10.3390/s24144427&partnerID=40&md5=c18f696bce95519b35d17499f3de0dda	Scopus
319	2024	An Efficient and Interpretable Stacked Model for Wind Speed Estimation Based on Ensemble Learning Algorithms	Energy Technology	Ankit Jha, Vanish Goel, Manish Kumar, Gulshan Kumar, Rahul Gupta, Shyama Kant Jha	John Wiley and Sons Inc	10.1002/ente.202301188	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85191184278&doi=10.1002/ente.202301188&partnerID=40&md5=8048e4252b6f022fa83a0c5d616003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85191184278&doi=10.1002/ente.202301188&partnerID=40&md5=8048e4252b6f022fa83a0c5d616003	Scopus
320	2024	Improving Haze Detection Using Deep Learning-Based Optimal Contrast Limited Adaptive Histogram Equalization	Journal of Circuits, Systems and Computers	Shivani Joshi, Rajiv Kumar, Vipin Rai, Praveen Kumar Rai, Manoj Singhal	World Scientific	10.1142/S0218126624501378	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85183527373&doi=10.1142/S0218126624501378&partnerID=40&md5=ec7380ff20af542478041ca57ada79e	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85183527373&doi=10.1142/S0218126624501378&partnerID=40&md5=ec7380ff20af542478041ca57ada79e	Scopus
321	2024	A Theoretical Performance and Reliability Investigation of a Vertical Hetero Oxide Based JL-TFET under Ideal Conditions	Silicon	Bandi Venkata Chandan, Dharmender, Kauschal Nigam	Springer Science and Business Media B.V.	10.1007/s12633-024-03010-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192181727&doi=10.1007/s12633-024-03010-y&partnerID=40&md5=f9a5b5285e13d160fadb0f7bc292e	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192181727&doi=10.1007/s12633-024-03010-y&partnerID=40&md5=f9a5b5285e13d160fadb0f7bc292e	Scopus
322	2024	An Approach to Recognize and Classify Arm Activities Using Wearable Ultra Wide Band Antennas	Wireless Personal Communications	Bhawna Tiwari, Sindhu Hak Gupta, Vipin Balyan	Springer	10.1007/s11277-024-11683-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8512112125&doi=10.1007/s11277-024-11683-2&partnerID=40&md5=bfe3cc5232110e40381222f9f61c01af	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8512112125&doi=10.1007/s11277-024-11683-2&partnerID=40&md5=bfe3cc5232110e40381222f9f61c01af	Scopus
323	2024	Two-dimensional Graphene/MoS2 vertical heterostructure for detection of hemoglobin concentration in blood samples	PLoS ONE	Manoj Kumar, Purnendu Shekhar Pandey, Vivek Kumar Srivastava, M. Sudhakar Reddy, Anita Gehlot, Yadvendra Singh, Gyanendra Kumar Singh, Balkeshwar Singh	Public Library of Science	10.1371/journal.pone.0310166	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203541646&doi=10.1371/journal.pone.0310166&partnerID=40&md5=3afbf2e4918ba5b269671c79470c0082	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203541646&doi=10.1371/journal.pone.0310166&partnerID=40&md5=3afbf2e4918ba5b269671c79470c0082	Scopus
324	2024	On body and off body communication using a compact wideband and high gain wearable textile antenna	Scientific Reports	Deepti Sharma, Sachin Kumar, Rakesh Nath Tiwari, Hyun Chul Choi, Kang Wook Kim	Nature Research	10.1038/s41598-024-64932-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85196756340&doi=10.1038/s41598-024-64932-6&partnerID=40&md5=0c2fa8776c744e1ba8f7983d5cd61cf7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85196756340&doi=10.1038/s41598-024-64932-6&partnerID=40&md5=0c2fa8776c744e1ba8f7983d5cd61cf7	Scopus
325	2024	Integrated optimization of common rail direct injection diesel engine input parameters with Inseed bio-diesel: A hybrid approach using grey relational analysis and genetic algorithm techniques	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	Abhishek Sharma, Nagendra Kumar Maurya, Avdhesh Tyagi, Nishant Kumar Singh, Yashvir Singh, Kaushalendra Kumar Singh, Manish Kumar	SAGE Publications Ltd	10.1177/09544062241238797	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188307652&doi=10.1177/09544062241238797&partnerID=40&md5=4ded7d8a5eb2aada19a5ffcb2db66d	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188307652&doi=10.1177/09544062241238797&partnerID=40&md5=4ded7d8a5eb2aada19a5ffcb2db66d	Scopus
326	2024	FASO-C: A rapid visualization technique based on optimized fusion with crossover-based atom search for multi-band imagery	Expert Systems with Applications	Shivani Joshi, Rajiv Kumar, Vipin Rai, Praveen Kumar Rai, Manoj Singhal, Avinash Dwivedi	Elsevier Ltd	10.1016/j.eswa.2024.123609	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188438587&doi=10.1016/j.eswa.2024.123609&partnerID=40&md5=8d4cc588f23de4063187bb51c94dd4b27	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188438587&doi=10.1016/j.eswa.2024.123609&partnerID=40&md5=8d4cc588f23de4063187bb51c94dd4b27	Scopus
327	2024	Effect of zirconium boride addition in zirconium dioxide reinforced aluminum-based composite fabricated by microwave sintering technique	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	Shashi Prakash Dwivedi, Ambuj Saxena, Irfan Haider, Shubham Sharma	SAGE Publications Ltd	10.1177/09544089231164272	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152387734&doi=10.1177/09544089231164272&partnerID=40&md5=d4f29d9867ac7732d5b3c6c6b814c97	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152387734&doi=10.1177/09544089231164272&partnerID=40&md5=d4f29d9867ac7732d5b3c6c6b814c97	Scopus
328	2024	A Biosensor for the Detection of Anemia Using Metal Ag and Defect Multilayer Photonic Crystal	Plasmonics	Sanjeev Sharma, Manvinder Singh, Rajesh Kumar Tewari, Arun Kumar	Springer	10.1007/s11468-023-02088-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174149492&doi=10.1007/s11468-023-02088-1&partnerID=40&md5=91c6813867316e20ed0a01af0e6cf3b4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174149492&doi=10.1007/s11468-023-02088-1&partnerID=40&md5=91c6813867316e20ed0a01af0e6cf3b4	Scopus
329	2024	Mittag-Leffler function based security control for fractional-order complex network system subject to deception attacks via Observer-based AETS and its applications	Physica Scripta	M. Mubeen Tajudeen, R. Perumal, Ganesh Kumar Thakur, Bandana Priya	Institute of Physics	10.1088/1402-4896/ad6485	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85200208082&doi=10.1088/2f1402-4896/2fad6485&partnerID=40&md5=8eb14f6d142ce19bf96299f526c82d7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85200208082&doi=10.1088/2f1402-4896/2fad6485&partnerID=40&md5=8eb14f6d142ce19bf96299f526c82d7	Scopus
330	2024	A Compact Wearable Textile Antenna for NB-IoT and ISM Band Patient Tracking Applications	Sensors	Deepti Sharma, Rakesh N. Tiwari, Sachin Kumar, Satyendra Sharma, Ladislav Matekovits	Multidisciplinary Digital Publishing Institute (MDPI)	10.3390/s24155077			

S. No.	Year	Title of Publication	Name of Journal	Names of Authors	Name of Publisher (Journal)	DOI	URL of Paper (SCOPUS)	URL of Paper (online journal)	Source
342	2024	Chicken Diseases Detection and Classification Based on Fecal Images Using EfficientNetB7 Model	Evergreen	Vandana, Kuldeep Kumar Yogi, Satya Prakash Yadav	Joint Journal of Novel Carbon Resource Sciences and Green Asia Strategy		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85189101782&partnerID=40&md5=cb44b3116327047f9697d0d8c2d42877		Scopus
343	2024	The effect of reinforcement particles weight percentage on the mechanical properties and plastic flow behaviour of aluminum alloy 7075 matrix material; [Auswirkung des Gewichtsprozentsatzes an Verstärkungspartikeln auf die mechanischen Eigenschaften und das plastische Fließverhalten der Aluminiumlegierung 7075]	Materialwissenschaft und Werkstofftechnik	T. K. Gupta, A. Saxena	John Wiley and Sons Inc	10.1002/mawe.202300118	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85185461293&doi=10.1002%2Fmawe.202300118&partnerID=40&md5=7bd2aee5e772d358e1d316ae49e6b62a9		Scopus
344	2024	Global Mittag-Leffler boundedness of nabla discrete-time fractional-order fuzzy complex-valued molecular models of mRNA and protein in regulatory mechanisms	Communications in Nonlinear Science and Numerical Simulation	G. Narayanan, M. Syed Ali, Rajagopal Karthikeyan, Grienggrai Rajchakit, Ganesh Kumar Thakur, Sudesh Kumar Garg	Elsevier B.V.	10.1016/j.cnsns.2023.107669	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85177837131&doi=10.1016%2Fcnsns.2023.107669&partnerID=40&md5=652433aa204352cc38a2a408923e542f		Scopus
345	2024	IoT-Enabled CVM Design & Architecture for E-Waste Management: A Solution towards Environmental Sustainability	Evergreen	Kuldeep Singh, Pushpa Singh, Anuj Kumar, Vishwajit Walde	Joint Journal of Novel Carbon Resource Sciences and Green Asia Strategy		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85189094288&partnerID=40&md5=a6d723f5f2e1f889e5426c4f75cec373		Scopus
346	2024	UClean scaling up dilemma: towards building a laundromat mosaic in India	Emerald Emerging Markets Case Studies	Kriti Swarup, Anshul Mathur	Emerald Publishing	10.1108/EEMCS-02-2023-0067	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85184204454&doi=10.1108%2FEEMCS-02-2023-0067&partnerID=40&md5=5a7f454ea473c59a31866d6f1c160e51		Scopus
347	2024	Unveiling Patterns and Abnormalities of Human Gait: A Comprehensive Study	Indian Journal of Information Sources and Services	Prateek Singhal, Rakesh Kumar Yadav, Upendra Dwivedi	The Research Publication	10.51983/ijiss-2024.14.1.3754	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85187875756&doi=10.51983%2Fijiss.2024.14.1.3754&partnerID=40&md5=866b2340e2c7f7f4ebf9d0306c39b89		Scopus
348	2024	An improved deep learning-based optical object detection system from images	Multimedia Tools and Applications	Satya Prakash Yadav, Muskan Jindal, Preeti Rani, Victor Hugo C. de Albuquerque, Caio dos Santos Nascimento, Manoj Kumar	Springer	10.1007/s11042-023-16736-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85171304441&doi=10.1007%2Fs11042-023-16736-5&partnerID=40&md5=129573752e7d44bca50ef0551a8f611d		Scopus
349	2024	Influence of printing orientation on power-law hardening and ductile damage parameters for 3D-printed SS316L steel: experimental and FEA approach	Journal of Adhesion Science and Technology	Ambuj Saxena, Ashish Kumar Srivastava, Nagendra Kumar Maurya, Tarun Kumar Gupta	Taylor and Francis Ltd.	10.1080/01694243.2024.2411306	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85205687618&doi=10.1080%2F01694243.2024.2411306&partnerID=40&md5=52b864f5022011fcb847b08151d31042		Scopus
350	2024	Enhancing the accuracy of wind speed estimation model using an efficient hybrid deep learning algorithm	Sustainable Energy Technologies and Assessments	Sarvendra Kumar Singh, S.K. Jha, Rahul Gupta	Elsevier Ltd	10.1016/j.seta.2023.103603	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180751077&doi=10.1016%2Fseta.2023.103603&partnerID=40&md5=20aaeb4804af0ba2895ae47c7efbae8		Scopus
351	2024	Homogeneity, Hardness Distribution, and Metallurgical Behavior of SS-304 Cladding Surface with Si, Ni, and TiO2	Australian Journal of Mechanical Engineering	Shashi Prakash Dwivedi, Prashant Mukherjee, Satyendra Sharma	Taylor and Francis Ltd.	10.1080/14484846.2023.2203884	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85156208755&doi=10.1080%2F14484846.2023.2203884&partnerID=40&md5=3098821e6f1587588f6152e727c7d0		Scopus
352	2024	Security Metrics and Authentication-based Routing (SMART) Protocol for Vehicular IoT Networks	SN Computer Science	Rakesh Kumar, Sunil K. Singh, D.K. Lobiyal, Sudhakar Kumar, Shashi Jawla	Springer	10.1007/s42979-023-02566-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85183399852&doi=10.1007%2Fs42979-023-02566-7&partnerID=40&md5=d9f36f1ad36d07df2aa27e2c4cdf8d9		Scopus
353	2024	Analysis of Tapered Fiber-Optic Surface Plasmon Resonance (SPR) Bio-Sensing Probe With the Effect of Different Taper Profiles and Metal Choices	IEEE Transactions on Plasma Science	Sanjeev Kumar Raghunawshi, Md Tauseef Iqbal Ansari, Azhar Shadab	Institute of Electrical and Electronics Engineers Inc.	10.1109/TPS.2024.3392672	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192210629&doi=10.1109%2FTPS.2024.3392672&partnerID=40&md5=a473818def77065001c2d0e135d248cd		Scopus
354	2024	Tribological and Corrosion Behavior of Eggshell and Agro-waste RHA Reinforced Al Alloy Composite Material with and without Ball-Milling	Journal of The Institution of Engineers (India): Series D	Shashi Prakash Dwivedi, Vijay Kumar Dwivedi, Rajat Yadav	Springer	10.1007/s40033-023-00492-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159707052&doi=10.1007%2Fs40033-023-00492-9&partnerID=40&md5=d345852db8a485cb0a5cddcbe24d95		Scopus
355	2024	Extended dissipative performance for a complex dynamical networks based on adaptive event-triggered filter method subject to hybrid attacks	International Journal of Adaptive Control and Signal Processing	M. Mubeen Tajudeen, M. Syed Ali, Grienggrai Rajchakit, Anuwat Jirawatthanapanit, Bandana Priya	John Wiley and Sons Ltd	10.1002/acs.3707	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85176088906&doi=10.1002%2Facs.3707&partnerID=40&md5=caep1077ee74d905e38648b1a179c73		Scopus
356	2024	Finite-time Mittag-Leffler synchronization of delayed fractional order discrete-time complex-valued genetic regulatory networks: Decomposition and direct approaches	Information Sciences	Mourad Khaou, G. Narayanan, M. Syed Ali, Sumaya Sanaber, Grienggrai Rajchakit, Bandana Priya	Elsevier Inc.	10.1016/j.ins.2024.120337	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85185836446&doi=10.1016%2Fins.2024.120337&partnerID=40&md5=884638ce75ffdf7a9cc77214dc0569de		Scopus
357	2024	Effect of α -alumina oxide nano additives with Sal biodiesel blend as a potential alternative fuel for existing DI diesel engine	Energy and Environment	Abhishek Sharma, Harveer Singh Pali, Manish Kumar, Nishant Kumar Singh, Erween Abd Rahim, Yashvir Singh, Naveen Kumar Gupta	SAGE Publications Inc.	10.1177/0958305X221133257	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141019886&doi=10.1177%2F0958305X221133257&partnerID=40&md5=85f22fa00c3fee9a9e169642b155a1e5		Scopus
358	2024	Leveraging Replacement Algorithm for Improved Cache Management System	Wireless Personal Communications	Swapnita Srivastava, P.K. Singh	Springer	10.1007/s11277-024-11022-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85191832475&doi=10.1007%2Fs11277-024-11022-5&partnerID=40&md5=860cd41057c4bb6576138212b4e218f8		Scopus
359	2024	IoT Based Wireless Communication System for Smart Irrigation and Rice Leaf Disease Prediction Using ResNetX-50	International Journal on Artificial Intelligence Tools	S. Sangeetha, N. Indumathi, Reena Grover, Rakshit Singh, Renu Mavi	World Scientific	10.1142/S0218213024500040	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85189577606&doi=10.1142%2FS0218213024500040&partnerID=40&md5=b90d615ced7a2b9e4c52a952416fcb1b		Scopus
360	2024	Entrepreneurial innovations in business communication: a systematic review of 66 and future research agenda	International Journal of Entrepreneurship and Small Business	Pushpa Singh, Narendra Singh	Inderscience Publishers	10.1504/IJESB.2024.141993	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85206517340&doi=10.1504%2FIJESB.2024.141993&partnerID=40&md5=2cc541c00d90cb44895c0f1cc6d690b2		Scopus
361	2024	ECG signal analysis using autoregressive modelling with and without baseline wander	International Journal of System Assurance Engineering and Management	Varun Gupta, Nitin Kumar Saxena, Abhas Kanungo, Sourav Dwivedi, Parvin Kumar, Vaishali Gupta	Springer	10.1007/s13198-023-02196-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180732810&doi=10.1007%2Fs13198-023-02196-5&partnerID=40&md5=a7311631f8d098f95674414537c96e1		Scopus
362	2024	Fabrication and Investigation of Mechanical Behaviors of TiB2 Reinforced AMCs	Transactions of the Indian Institute of Metals	Manoj Kumar Gupta, Nitesh Singh Rajput, Shweta Kulshrestha, Brijesh Gangli, Vinay Kumar Patel, Jitendra Nath Mahto, Tarun Kumar Gupta	Springer	10.1007/s12666-023-03131-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175257902&doi=10.1007%2Fs12666-023-03131-1&partnerID=40&md5=c15ae7bc6548bc2d495efb558705a63a		Scopus
363	2024	Investigation of Si1-x GeX source dual material stacked gate oxide capped doped heterojunction TFEI for low power and RF applications	International Journal of Electronics	Dharmender, Kaushal Kumar Nigam, Piyush Yadav, Amit Kumar	Taylor and Francis Ltd.	10.1080/00207217.2023.2173804	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148501508&doi=10.1080%2F00207217.2023.2173804&partnerID=40&md5=5c0b5d59249215a468f9ee9e9712831		Scopus
364	2024	An investigation on the influence of three-dimensional printing orientation on the tensile and flexural strength of polymer and plastic materials	Mechanics of Advanced Materials and Structures	Ambuj Saxena, Ashish Kumar Srivastava, Praveen Kumar Kushwaha, Shubham Sharma	Taylor and Francis Ltd.	10.1080/15376494.2024.2311853	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85184440846&doi=10.1080%2F15376494.2024.2311853&partnerID=40&md5=5a09babbdec9b03e6f4b1602115fab7403		Scopus
365	2024	A Firefly based Deep Belief Signal Specification based Novel Hybrid Technique for EEG Signal Analysis	IETE Journal of Research	Varun Gupta, Monika Mittal, Vikas Mittal, Sourav Dwania, Ruchika Singh, Vaishali Gupta	Taylor and Francis Ltd.	10.1080/03772063.2023.2220698	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163132706&doi=10.1080%2F03772063.2023.2220698&partnerID=40&md5=538577d804a52d9707bd725b712fe0aae		Scopus
366	2024	A Novel and Efficient Stabilizer Codes Over Non-Cyclic Hadamard Difference Sets for Quantum System	IAENG International Journal of Applied Mathematics	Shivender Goswami, Manoj Kumar, R.K. Mishra, Akash Rathor	International Association of Engineers		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85199766401&partnerID=40&md5=c88e66d43c38e4a1f53e987a98a0bc		Scopus
367	2024	Assessment of Recast Layer while Machining Die Steel D3 on EDM	International Journal of Experimental Research and Review	Syed Asghar Husain Rizvi, Rohit Sahu, Shavej Ali Siddiqui, Kaushikesh Kumar Shah, Vivek Kumar Bajpai, Basant Lal	International Academic Publishing House (IAPH)	10.52756/ijerr.2024.v4i1sp.008	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85201044918&doi=10.52756%2Fijerr.2024.v4i1sp.008&partnerID=40&md5=9228edfbd69743701c4d7a63509392c		Scopus
368	2024	Design of Dual-Band 4-Port Flexible MIMO Antenna for mm-Wave Technologies and Wearable Electronics	IEEE Access	Rakesh Nath Tiwari, Deepthi Sharma, Prabhakar Singh, Pradeep Kumar	Institute of Electrical and Electronics Engineers Inc.	10.1109/ACCESS.2024.3412712	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85198092977&doi=10.1109%2FACCESS.2024.3412712&partnerID=40&md5=427c02b783a1acdbcb9cbe2dc2dc6c4b6		Scopus
369	2024	Investigation on Bonding Strength and Tribological Performances of Ceramic Laminated AA6063 Composite Developed by Friction Stir Additive Manufacturing	International Journal of Precision Engineering and Manufacturing - Green Technology	Ravi Prajapati, Suryank Dwivedi, Deepak Kumar, Ashish Kumar Srivastava, Amit Rai Dixit	Korean Society for Precision Engineering	10.1007/s40684-023-00545-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167514536&doi=10.1007%2Fs40684-023-00545-0&partnerID=40&md5=cdfef1d2e777efee6e763cb56fa430c		Scopus
370	2024	Brain tumor image pixel segmentation and detection using an aggregation of GAN models with vision transformer	International Journal of Imaging Systems and Technology	Priyanka Datta, Rajesh Rohilla	John Wiley and Sons Inc	10.1002/ima.22979	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174813954&doi=10.1002%2Fima.22979&partnerID=40&md5=1b6320dd86fafafdf9f94a7fb7844380		Scopus
371	2024	Does social presence drive customer brand engagement and purchase intention in the fashion retail metaverse? The moderating role of self-efficacy	Internet Research	Durgesh Agnihotri, Pallavi Chaturvedi, Kriti Swarup, Anshul Mathur, Kish Tripathi, Nripendra Singh	Emerald Publishing	10.1108/INTR-01-2024-0030	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85209751633&doi=10.1108%2FINTR-01-2024-0030&partnerID=40&md5=63ea34844b5a084eda8f58bbe1621c8		Scopus
372	2024	A comparison of different experimental approaches in the determination of yield strength and toughness (11d) behavior for RHA steel cost sustainable MMAW weldments	Journal of Adhesion Science and Technology	Ambuj Saxena, Tarun Kumar Gupta, Rishi Srivastava, Ashish Kumar Srivastava, Ajay Kumar	Taylor and Francis Ltd.	10.1080/01694243.2024.2334267	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8519046144&doi=10.1080%2F01694243.2024.2334267&partnerID=40&md5=c7ac208023278b0c57892db12895db84		Scopus
373	2024	Optimization of long-term storage stability of kium biosolid using herbal anti-oxidant	Biomass Conversion and Biorefinery	Harveer Singh Pali, Abhishek Sharma, Naveen Kumar, Yashvir Singh	Springer Science and Business Media Deutschland GmbH	10.1007/s13399-022-02444-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124756614&doi=10.1007%2Fs13399-022-02444-x&partnerID=40&md5=acaf8874ecc8d62a13bf3eff1b41e83		Scopus
374	2024	Renewable Energy-Based Load Frequency Controller and Model with a Reduced Order for a Large-Scale Power System	Energy Technology	Rahul Singh, Jitendra Kumar, Jay Singh, Giraja Shankar Chaurasia	John Wiley and Sons Inc	10.1002/ente.202300618	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85178143442&doi=10.1002%2Fente.202300618&partnerID=40&md5=c8d854c67344fdcd6a06c85579ef4dee		Scopus
375	2024	Role of e-adoption of emerging technology in 4P organisational framework during COVID-19	International Journal of Critical Infrastructures	Pushpa Singh, Narendra Singh, Rajnesh Singh, Nishu Panwar, Sunil Gupta	Inderscience Publishers	10.1504/IJICIS.2024.141444	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8520439004&doi=10.1504%2FIJICIS.2024.141444&partnerID=40&md5=addda0855b354205cadbaabfcd770bc860		Scopus
376	2024	Irrational flow analysis of Rayleigh-Taylor instability in nanofluid layer with tangential magnetic field	Applied and Computational Mechanics	A.S. Rana, S. Gupta, S.K. Garg, V. Kumar, M.K. Awasthi	Vaclav Skala Union Agency	10.24132/acm.2024.855	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188168586&doi=10.24132%2Facm.2024.855&partnerID=40&md5=a84f2c25966f02e23d65845aff1c474		Scopus

S. No.	Year	Title of Publication	Name of Journal	Names of Authors	Name of Publisher (Journal)	DOI	URL of Paper (SCOPUS)	URL of Paper (online journal)	Source
377	2024	Waste plastic oil as an alternative fuel: A review	Archives of Thermodynamics	Amardeep, Rakesh Kumar, Naveen Kumar	Polksa Akademia Nauk	10.24425/ather.2024.150441	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85194425022&doi=10.24425%2Father.2024.150441&partnerID=40&md5=4a3fc1e9b39e65c6e088f01614d3ed1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85194425022&doi=10.24425%2Father.2024.150441&partnerID=40&md5=4a3fc1e9b39e65c6e088f01614d3ed1	Scopus
378	2024	Machine learning for effective EHR management in blockchain-cloud integration	Journal of Autonomous Intelligence	Birendra Kumar Saraswat, Aditya Saxena, P.C. Vashist	Frontier Scientific Publishing	10.32629/jai.v7i4.1274	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85185654866&doi=10.32629%2Fjai.v7i4.1274&partnerID=40&md5=a095341c216d7e6875a0e6b6dab667	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85185654866&doi=10.32629%2Fjai.v7i4.1274&partnerID=40&md5=a095341c216d7e6875a0e6b6dab667	Scopus
379	2024	Machine Learning-Driven Assessment and Security Enhancement for Electronic Health Record Systems	International Journal of Experimental Research and Review	Birendra Kumar Saraswat, Neeraj Varshney, Prem Chand Vashist	International Academic Publishing House (IAPH)	10.52756/ijerr.2024.v43sp.012	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8520635242&doi=10.52756%2Fijerr.2024.v43sp.012&partnerID=40&md5=f1a38300de54e8c57d66e29e7f8cc3b2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8520635242&doi=10.52756%2Fijerr.2024.v43sp.012&partnerID=40&md5=f1a38300de54e8c57d66e29e7f8cc3b2	Scopus
380	2024	Self-Attentive CNN+BERT: An Approach for Analysis of Sentiment on Movie Reviews Using Word Embedding	International Journal of Intelligent Systems and Applications in Engineering	Pawan Kumar Mall, Manoj Kumar, Ankit Kumar, Anuj Gupta, Swapnita Srivastava, Vipul Narayan, Alok Singh Chauhan, Arun Pratap Srivastava	Ismael Saritas		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85185299520&partnerID=40&md5=b425c60e466c23ee1f351e329e23676b	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85185299520&partnerID=40&md5=b425c60e466c23ee1f351e329e23676b	Scopus
381	2024	Multimodal biometric identification: leveraging convolutional neural network (CNN) architectures and fusion techniques with fingerprint and finger vein data	PeerJ Computer Science	Amal Alshardan, Arun Kumar, Mohammed Alghamdi, Masha'el Maashi, Saad Alahmari, Abeer A.K. Alharbi, Wafa Almukadi, Yazeed Alzhahrani	PeerJ Inc.	10.7717/PEERJ-CS.2440	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85209358968&doi=10.7717%2FPEERJ-CS.2440&partnerID=40&md5=67b7f8d006c7be21a33595b61c27a772	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85209358968&doi=10.7717%2FPEERJ-CS.2440&partnerID=40&md5=67b7f8d006c7be21a33595b61c27a772	Scopus
382	2024	Comprehensive analysis of services towards Data Aggregation, Data Fusion and enhancing security in IoT-based smart home	EAI Endorsed Transactions on Internet of Things	Arun Kumar Rana, Sumit Kumar, Vikram Bali, Rashmi Prava Das, Sarder M. N. Islam, Debendra Muduli, Ritu Dewan, Anurag Singh	European Alliance for Innovation	10.4108/eetiot.6703	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8520566253&doi=10.4108%2Fetiot.6703&partnerID=40&md5=faa33f26ec8d4e02387614003aeb0bb8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8520566253&doi=10.4108%2Fetiot.6703&partnerID=40&md5=faa33f26ec8d4e02387614003aeb0bb8	Scopus
383	2024	Optimizing Heart Attack Prediction Through OHE2LM: A Hybrid Modelling Strategy	Journal of Electrical Systems	Pawan Kumar Mall, Swapnita Srivastava, Mitul M. Patel, Aniruddh Kumar, Vipul Narayan, Sanjay Kumar, P.K. Singh, D.S. Singh	Engineering and Scientific Research Groups	10.52783/jes.665	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8518529549&doi=10.52783%2Fjes.665&partnerID=40&md5=218e2594883940097b46181c556528ed	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8518529549&doi=10.52783%2Fjes.665&partnerID=40&md5=218e2594883940097b46181c556528ed	Scopus
384	2024	A Mathematical Framework for Enhancing IoT Security in VANETs: Optimizing Intrusion Detection Systems through Machine Learning Algorithms	Communications on Applied Nonlinear Analysis	Divya Mishra, Suveg Moudgi, Deepali Virmani, Yunus Parvej Fanihand, Aslam B. Nandyal, Prashant Kumar Sahu, Gurwinder Singh	International Publications	10.52783/cana.v31.1488	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85208927243&doi=10.52783%2Fcana.v31.1488&partnerID=40&md5=ec47d55c9923afec8d1c3f8f33617e7a	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85208927243&doi=10.52783%2Fcana.v31.1488&partnerID=40&md5=ec47d55c9923afec8d1c3f8f33617e7a	Scopus
385	2024	Bonding strength and microstructural features of A15083-AZ31B alloys laminated sheet through friction stir additive manufacturing	Journal of Adhesion Science and Technology	Ashish Kumar Srivastava, Sandeep Tiwari, Praveen Pachauri, Nakul Gupta, Bdy Sumil, Ajay Kumar	Taylor and Francis Ltd.	10.1080/01694243.2023.2240637	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166626478&doi=10.1080%2F01694243.2023.2240637&partnerID=40&md5=ad4801e68684b6e9ba6cf0635f56224	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166626478&doi=10.1080%2F01694243.2023.2240637&partnerID=40&md5=ad4801e68684b6e9ba6cf0635f56224	Scopus
386	2024	An enhanced framework for identifying brain tumor using discrete wavelet transform, deep convolutional neural network, and feature fusion-based machine learning techniques	International Journal of Imaging Systems and Technology	Rajat Mehrotra, M.A. Ansari, Rajeev Agrawal, Hisham Al-Ward, Pragati Tripathi, Jay Singh	John Wiley and Sons Inc	10.1002/ima.22983	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175710847&doi=10.1002%2Fima.22983&partnerID=40&md5=2648cad318fb0413b45e4e62364c0c4c	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175710847&doi=10.1002%2Fima.22983&partnerID=40&md5=2648cad318fb0413b45e4e62364c0c4c	Scopus
387	2024	Impact of Sn-doping on the optoelectronic properties of zinc oxide crystal: DFT approach	PLOS ONE	Manoj Kumar, Purnendu Shekhar Pandey, Banoth Ravi, Bittu Kumar, S.V.S. Prasad, Rajesh Singh, Santosh Kumar Choudhary, Gyanendra Kumar Singh	Public Library of Science	10.1371/journal.pone.0296084	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85181546783&doi=10.1371%2Fjournal.pone.0296084&partnerID=40&md5=82e242010f46e26559a211a2274630	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85181546783&doi=10.1371%2Fjournal.pone.0296084&partnerID=40&md5=82e242010f46e26559a211a2274630	Scopus
388	2024	Cleaner Sustainable Route to Develop UV Protective and Colorful Wool Yarns: Natural Flavonoid-based Colorants from Millettia Latuonensis Sawdust	Progress in Color, Colorants and Coatings	S. Safapour, M. Shabbir, L.J. Rather, M.A. Assiri	Institute for Color Science and Technology	10.30509/pccc.2024.167264.1278	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85195648297&doi=10.30509%2Fpccc.2024.167264.1278&partnerID=40&md5=5e3edc3021b07d16306039fd35a983e32	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85195648297&doi=10.30509%2Fpccc.2024.167264.1278&partnerID=40&md5=5e3edc3021b07d16306039fd35a983e32	Scopus
389	2024	Event-triggered H [∞] control of complex dynamical networks subject to stochastic cyber-attacks by new two-sided delayed dependent LKF functional	Journal of Control and Decision	Bandana Priya, M. Mubeen Tajudeen, M. Syed Ali, Griengrai Rajchakit, Ganesh Kumar Thakur	Taylor and Francis Ltd.	10.1080/23307706.2023.2240338	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169683511&doi=10.1080%2F23307706.2023.2240338&partnerID=40&md5=b166de0d9b7ae5126fb3f75bea1bad7f	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169683511&doi=10.1080%2F23307706.2023.2240338&partnerID=40&md5=b166de0d9b7ae5126fb3f75bea1bad7f	Scopus
390	2024	Non-invasive prediction mechanism for COVID-19 disease using machine learning algorithms	International Journal of Critical Infrastructures	Arnav Bhardwaj, Hitesh Agarwal, Anuj Rani, Prakash Srivastava, Manoj Kumar, Sunil Gupta	Inderscience Publishers	10.1504/IJICIS.2024.137406	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188641601&doi=10.1504%2FIJICIS.2024.137406&partnerID=40&md5=e548a1e39747726f3e19e3dc0904e18	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188641601&doi=10.1504%2FIJICIS.2024.137406&partnerID=40&md5=e548a1e39747726f3e19e3dc0904e18	Scopus
391	2024	A Biosensor For The Detection OfCreatinineConcentrationIn Blood Of A Human Using 10 Photonic Crystals	Journal of Optics (India)	Sanjeev Sharma, Vipin Kumar, Rajesh Kumar Tewari, Manvinder Singh, Kh. S. Singh	Springer	10.1007/s12596-024-02385-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85211431502&doi=10.1007%2Fs12596-024-02385-w&partnerID=40&md5=5222289c1f6eb0299c3e68b650260	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85211431502&doi=10.1007%2Fs12596-024-02385-w&partnerID=40&md5=5222289c1f6eb0299c3e68b650260	Scopus
392	2024	Application of symmetry analysis and conservation laws to a fractional-order nonlinear conduction-diffusion model	AIMS Mathematics	A. Tomar, H. Kumar, M. Ali, H. Gandhi, D. Singh, G. Pathak	American Institute of Mathematical Sciences	10.3934/math.2024833	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85193384803&doi=10.3934%2Fmath.2024833&partnerID=40&md5=f8d5166dc4918475048b42ea87e32848	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85193384803&doi=10.3934%2Fmath.2024833&partnerID=40&md5=f8d5166dc4918475048b42ea87e32848	Scopus
393	2024	How leaders exploited the frontline hospitality employees through distress and service sabotage?	Journal of Travel and Tourism Marketing	Zubair Akram, Swati Chaudhary, Umair Akram, Heesup Han	Routledge	10.1080/10548408.2024.2309182	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85185291193&doi=10.1080%2F10548408.2024.2309182&partnerID=40&md5=ca1f99e499c6920b21fc39ea52540930	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85185291193&doi=10.1080%2F10548408.2024.2309182&partnerID=40&md5=ca1f99e499c6920b21fc39ea52540930	Scopus
394	2024	Automatic machine learning model for enhanced partition and identification of breast disorders in breast MRI scan	Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization	Harendra Singh, Arun Kumar Rana, Jayant Giri, Mohd Asif Shah, Saurav Malik, T. Sathish	Taylor and Francis Ltd.	10.1080/21681163.2024.2378734	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85201189083&doi=10.1080%2F21681163.2024.2378734&partnerID=40&md5=6c07c58baaf2f5e7940423edff33ef333	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85201189083&doi=10.1080%2F21681163.2024.2378734&partnerID=40&md5=6c07c58baaf2f5e7940423edff33ef333	Scopus
395	2024	An Explicit Investigation in Demand Side Management Based on Artificial Intelligence Techniques	IEEE Access	Md. Abul Kalam, Abhinav Saxena, Md. Zahid Hassnain, Amit Kumar Dash, Jay Singh, Gyanendra Kumar Singh	Institute of Electrical and Electronics Engineers Inc.	10.1109/ACCESS.2024.3432805	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85199487800&doi=10.1109%2FACCESS.2024.3432805&partnerID=40&md5=8f1a1923d87e4d4e45dee685050311a	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85199487800&doi=10.1109%2FACCESS.2024.3432805&partnerID=40&md5=8f1a1923d87e4d4e45dee685050311a	Scopus
396	2024	Univariate exploratory data analysis of satellite telemetry	International Journal of Satellite Communications and Networking	Mv Ramachandra Praveen, Sushabhan Choudhury, Piyush Kuchhal, Rajesh Singh, Purnendu Shekhar Pandey, Antonino Galletta	John Wiley and Sons Ltd	10.1002/sat.1498	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172131399&doi=10.1002%2Fsat.1498&partnerID=40&md5=1591237eb5e49f6f3fe0f014f7b29672	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172131399&doi=10.1002%2Fsat.1498&partnerID=40&md5=1591237eb5e49f6f3fe0f014f7b29672	Scopus
397	2024	Explainable Artificial Intelligence (XAI) Model for Cancer Image Classification	CMES - Computer Modeling in Engineering and Sciences	Amit Singhal, Krishna Kant Agrawal, Angeles Quezada, Adrian Rodriguez Aguilaiga, Samantha Jiménez, Satya Prakash Yadav	Tech Science Press	10.32604/cmcs.2024.051363	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85201718353&doi=10.32604%2Fcmcs.2024.051363&partnerID=40&md5=dc435fcdb11c1977f2a1b81c62c653ff	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85201718353&doi=10.32604%2Fcmcs.2024.051363&partnerID=40&md5=dc435fcdb11c1977f2a1b81c62c653ff	Scopus
398	2024	Security-guaranteed filter design for discrete-time Markovian jump delayed systems subject to deception attacks and sensor saturation	ISA Transactions	M. Syed Ali, M. Mubeen Tajudeen, Oh-Min Kwon, Banadana Priya, Ganesh Kumar Thakur	ISA - Instrumentation, Systems, and Automation Society	10.1016/j.isatra.2023.10.020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175329650&doi=10.1016%2Fisatra.2023.10.020&partnerID=40&md5=604c332803252634e3632511d720b67	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175329650&doi=10.1016%2Fisatra.2023.10.020&partnerID=40&md5=604c332803252634e3632511d720b67	Scopus
399	2024	Integrating Cryptographic Techniques with Machine Learning Algorithms for Enhanced Data Privacy and Information Security: A Mathematical Framework	Communications on Applied Nonlinear Analysis	J. Merlin Florence, Divya Mishra, Gauri Ghule, K. Swarnalatha, Prashant Kumar, Gurwinder Singh	International Publications	10.52783/cana.v31.1519			

S. No.	Year	Title of Publication	Name of Journal	Names of Authors	Name of Publisher (Journal)	DOI	URL of Paper (SCOPUS)	URL of Paper (online journal)	Source
412	2024	The integration of microelectronic and photonic circuits on a single silicon chip for high-speed and low-power optoelectronic technology	Nano Materials Science	Rajeev Gupta, Ajay Kumar, Manoj Kumar, Rajesh Singh, Anita Gehlot, Purnendu Shekhar Pandey, Neha Yadav, Kailash Pandey, Ashish Yadav, Neha Gupta, Ranjeet Brajputiya, Shalendra Kumar, Ajay Singh Verma, Tanuj Kumar, Yongling Wu, Zheng Hongyu, Abhijit Biswas, Ajay Mittal, Anirudha Mondal, Romanov Oleksandr Ivanovich	KeAi Communications Co.	10.1016/j.nanoms.2024.04.011	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192530909&doi=10.1016%2Fj.nanoms.2024.04.011&partnerID=40&md5=135240b77b5d9d716daa1838da88d3c		Scopus
413	2025	Halogens and Alkali Metals Adsorbed Uni-axially Strained ZnS Spherulite Monolayer for Application in Optoelectronics	Journal of Electronic Materials	Mohit Tyagi, Sudhanshu Choudhary, Ashutosh nandi	Springer	10.1007/s11664-024-11515-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85208494292&doi=10.1007%2Fs11664-024-11515-w&partnerID=40&md5=12e2d9f0ce92c0eca1429159dc83aa8	https://link.springer.com/article/10.1007/s11664-024-11515-w	Scopus & WOS
414	2025	Prediction of higher heating values based on imminent analysis by using regression analysis and artificial neural network for bioenergy resources	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	Pawan Kumar Singh, Sansar Singh Chauhan, Abhishek Sharma, Satya Prakash, Yashvir Singh	SAGE Publications Ltd	10.1177/09544089231175046	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8600736391&doi=10.1177%2F09544089231175046&partnerID=40&md5=479cea457e206cf1de18c38580d2bc	https://journals.sagepub.com/doi/10.1177/09544089231175046?cid=inst-sj-full-text-similar-articles.5	Scopus & WOS
415	2025	Hybrid deep learning model for density and growth rate estimation on weed image dataset	Scientific Reports	Anand Muni Mishra, Mukund Pratap Singh, Prabhishkek Singh, Manoj Diwakar, Indrajit Gupta, Anchit Bijalwan	Nature Research	10.1038/s41598-025-86357-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105001711345&doi=10.1038%2Fs41598-025-86357-5&partnerID=40&md5=5be8134fb1ed25f93b78de0f3102bc	https://www.nature.com/articles/s41598-025-86357-5	Scopus & WOS
416	2025	Efficient computation for task offloading in 6G mobile computing systems	International Journal of Data Science and Analytics	Pallavi Khatri, Bernadeth Tongli, Panjaj Kumar, Ataniyazov Jasurbek Hamidovich, T. R. Vijaya Lakshmi & Mohammed Wasim Bhatt	Springer Science and Business Media Deutschland GmbH	10.1007/s41060-024-00506-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85183688390&doi=10.1007%2Fs41060-024-00506-z&partnerID=40&md5=2529e19f659daaeac1c56b18991a010	https://link.springer.com/article/10.1007/s41060-024-00506-z	Scopus
417	2025	A fusion approach of discrete wavelet decomposition and deep learning techniques for the enhancement of wind speed prediction accuracy	Theoretical and Applied Climatology	Sarvendra Kumar Singh , S. K. Jha & Rahul Gupta	Springer	10.1007/s00704-025-05450-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105001441375&doi=10.1007%2Fs00704-025-05450-x&partnerID=40&md5=5d4ea0cafc7574ec3dc01e710c50d6f1	https://link.springer.com/article/10.1007/s00704-025-05450-x	Scopus
418	2025	Enhancing solar radiation forecasting accuracy with a hybrid SA-Bi-LSTM-Bi-GRU model	Earth Science Informatics	Giripati Sharma, Subhash Chandra, Arvind Kumar Yadav, Rahul Gupta	Springer Science and Business Media Deutschland GmbH	10.1007/s12145-025-01791-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85218503098&doi=10.1007%2Fs12145-025-01791-3&partnerID=40&md5=16fa2e80461554e7ad2f679a0bd481b0	https://ui.adsabs.harvard.edu/search/q=auth%2F%3A%25Sharma%2C%20Giripati%2C%20Arvind%2C%20Rahul%2C%20Subhash%2C%20Bibhede%2C%20desc&sort=date%20desc%2C%20bibcode%20desc&sr=0	Scopus & WOS
419	2025	Evaluation of the mechanical properties of AISI316L composites reinforced with TiB ₂ particles (wt%) fabricated via selective laser melting (SLM)	Life Cycle Reliability and Safety Engineering	Nagendra Kumar Maurya, Ranjeet Kumar Singh, Deepak Gupta, Rashmi Mishra & Jiyaul Mustafa	Springer	10.1007/s41872-025-00311-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105002597579&doi=10.1007%2Fs41872-025-00311-y&partnerID=40&md5=0a21155b7e39f302a50a49436a6b07086	https://link.springer.com/article/10.1007/s41872-025-00311-y	Scopus
420	2025	Men deny more than they believe about climate change on Twitter (X)	PLOS ONE	Mudit Kumar Singh	Public Library of Science	10.1371/journal.pone.0303007	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85218155476&doi=10.1371%2Fjournal.pone.0303007&partnerID=40&md5=30c49008986d6d7415c4e0991720b	https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0303007	Scopus
421	2025	Smart Farming: An Integrated Platform for Crop and Fertilizer Prediction using Machine Learning and Orange Data Mining	SN Computer Science	Vipasha Abrol, Gaurav Gupta & Soumya Ranjan Pradhan	Springer	10.1007/s42979-025-03957-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10500693456&doi=10.1007%2Fs42979-025-03957-8&partnerID=40&md5=e92690909c0cd092da30851e6abce22	https://link.springer.com/article/10.1007/s42979-025-03957-8	Scopus
422	2025	Strategic Response to Organizational Crisis: A Bibliometric Approach	Journal of Contingencies and Crisis Management	Nidhi Kumari, Rohit Raj, Vimal Kumar, Pratima Verma	John Wiley and Sons Inc	10.1111/1468-5973.70046	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10500227527&doi=10.1111%2F1468-5973.70046&partnerID=40&md5=0ce3c207b023e618306196db2d8aa24	https://onlinelibrary.wiley.com/doi/10.1111/1468-5973.70046	Scopus & WOS
423	2025	A Levelized Multiple Workflow Heterogeneous Earliest Finish Time Allocation Model for Infrastructure as a Service (IaaS) Cloud Environment	Algorithms	Farheen Bano, Faisal Ahmad, Mohammad Shahid, Mahfooz Alam, Faraz Hasan, Mohammad Sajid	Multidisciplinary Digital Publishing Institute (MDPI)	10.3390/a18020099	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85218635907&doi=10.3390%2Fa18020099&partnerID=40&md5=6898f8cfe2ff3271d4d38cb32080c0b	https://www.mdpi.com/1999-4893/18/2/99	Scopus
424	2025	Lightweight blockchain mechanism for secure data transmission in healthcare system	Biomedical Signal Processing and Control	Murari Kumar Singh, Sanjeev Kumar Pippal, Vishnu Sharma	Elsevier Ltd	10.1016/j.bspc.2024.107411	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85212952398&doi=10.1016%2Fbspc.2024.107411&partnerID=40&md5=ffb0a6f034d75a7ab8dfa5b0f20f29	https://www.sciencedirect.com/science/article/abs/pii/S1746809424014691	Scopus & WOS
425	2025	Synergistic mechanisms of temperature and strain rate on plastic deformation in SLM 3D printed SS316L utilizing hot processing map analysis	Scientific Reports	Ambuj Saxena, Shashi Prakash Dwivedi, Shubham Sharma, Neeraj Mishra, Tarun Kumar Gupta, N. Beemkumar, Ankit Kedia, V. Nagabhushana Rao, Ehab El Sayed Massoud, Dražan Kožak, Jasmina Lozanovic	Nature Research	10.1038/s41598-025-96243-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105004686271&doi=10.1038%2Fs41598-025-96243-9&partnerID=40&md5=0a15b57d776d696d1ca50b64070a93c	https://www.nature.com/articles/s41598-025-96243-9&ack=1	Scopus
426	2025	A method for IoT devices test case generation using language models	MethodsX	Sumit Kumar, Kiran Napte, Ruchi Rani, Sanjeev Kumar Pippal	Elsevier B.V.	10.1016/j.mex.2025.103340	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105004210451&doi=10.1016%2Fmex.2025.103340&partnerID=40&md5=968df81ca6a3284e74cd2408515cd9f7	https://www.sciencedirect.com/science/article/abs/pii/S2215016125001864	Scopus
427	2025	Towards precision agriculture: utilizing IoT and deep learning for automatic farm fire detection and extinguishing	Peer-to-Peer Networking and Applications	Aanchal Khatri, Mahima, Punit Kumar, Balak Ram, Upsana Dohare & Sushil Kumar	Springer	10.1007/s12083-025-01966-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105004213681&doi=10.1007%2Fs12083-025-01966-1&partnerID=40&md5=aade5e9113281056cb58bc4fbd47a09	https://link.springer.com/article/10.1007/s12083-025-01966-1	Scopus & WOS
428	2025	A Blockchain-IPFS Framework for Secure, Scalable, and Interoperable Healthcare Data Management	SN Computer Science	Murari Kumar Singh, Sanjeev Kumar Pippal, Vishnu Sharma	Springer	10.1007/s42979-025-03936-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105003393175&doi=10.1007%2Fs42979-025-03936-z&partnerID=40&md5=2691e5f43241bf9c93241401a32db1c	https://dl.acm.org/doi/10.1007/s42979-025-03936-z	Scopus
429	2025	Study of Oxide Material Variation on Electrical Characteristics and Linearity Parameters Induced in Vertical Nanowire TFTET	Semiconductors	Anjana Bhardwaj, Amit Das, Amrita Rai, Ram Krishna, A.K. Upadhyay	Pleiades Publishing	10.1134/S10683782625600494	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105004896637&doi=10.1134%2FS10683782625600494&partnerID=40&md5=f14560ad74a5f5819f8bc0963d4111c	https://link.springer.com/article/10.1134/S10683782625600494	Scopus & WOS
430	2025	Face Recognition System for Criminal Identification in CCTV Footage Using Keras and OpenCV	Ingenierie des Systemes d'Information	Ruchi Rani, Kiran Napte, Sumit Kumar, Sanjeev Kumar Pippal, Megha Dalaniya	International Information and Engineering Technology Association	10.18280/isi.300309	https://www.scopus.com/inward/record.uri?eid=2-s2.0-1050003054817&doi=10.18280%2Fisi.300309&partnerID=40&md5=e271f452627ebd951451d623bb5b3f6	https://www.lista.org/journals/isi/paper/10.18280/isi.300309	Scopus
431	2025	Chaotic grey wolf optimization based framework for efficient task scheduling in cloud fog computing	Bulletin of Electrical Engineering and Informatics	Shreyas J., Reena S. Kharat, Rajesh N Phursule, Venkata Bhujanga Rao Madamanchi, Dhananjay S. Rakshe, Gaurav Gupta, Malik Jawarneh, Sammy'f., Abhishek Raghuvanshi	Institute of Advanced Engineering and Science	10.11591/eei.v14i3.8098	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105005279758&doi=10.11591%2Feei.v14i3.8098&partnerID=40&md5=a4b2d5de356cee2562a559139528aa42	https://beei.org/index.php/EEI/article/view/8098/4226	Scopus
432	2025	Exploring the predictive potential of artificial neural networks in enhancing mechanical properties of derivatives of graphene nanocomposites: a data-driven approach	International Journal of Information Technology (Singapore)	D. Nageswara Rao, Mamta Dahiya, Amit Kumar Avora, Paras Jandwani & Gunjan Verma	Springer Science and Business Media B.V.	10.1007/s41870-024-02262-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85210462938&doi=10.1007%2Fs41870-024-02262-6&partnerID=40&md5=2691e5f43241bf9c93241401a32db1c	https://link.springer.com/article/10.1007/s41870-024-02262-6	Scopus
433	2025	Innovative detection of IoT cyber threats using a GBITCN-Temformer and MKOA framework	Journal of Network and Computer Applications	Vipin Rai, Pradeep Kumar Mishra, Shivani Joshi, Rajiv Kumar, Avinash Dwivedi, Amrita	Academic Press	10.1016/j.jnca.2025.104192	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105003227164&doi=10.1016%2Fjnca.2025.104192&partnerID=40&md5=cdd9d693ac47e73ed89173e3a1f938e	https://www.sciencedirect.com/science/article/abs/pii/S104808452500089X	Scopus & WOS
434	2025	New symbiotic antifungal strategies based on medicinal plants and metal complexes	Research Journal of Chemistry and Environment	Dipti Bharti, Ashish Kumar, Brij Kishore Tiwari, Ali Akbar and Rahul Singh	World Researchers Associations	10.25303/296jc0106	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105004258968&doi=10.25303%2F296jc0106&partnerID=40&md5=b4043cc428087aeb5d92e8d93440a258	https://worldresearchersassociations.com/Archives/RJCE/Vol9/2025/June6/2025%2FNew%20symbiotic%20antifungal%20strategies%20based%20on%20medicinal%20plants.aspx	Scopus
435	2025	Room temperature structural, and ferromagnetic behaviour of Mn, Fe and Mn/Fe codoped In ₂ O ₃ Nanocrystalline	Results in Optics	Sanjay Kumar, Viendra Kumar, Manoj Kumar Bansal, Arvind Mishra, Vimesh Mishra	Elsevier B.V.	10.1016/j.rio.2025.100812	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105000133440&doi=10.1016%2Frio.2025.100812&partnerID=40&md5=cbcb75c4a2b5e0839d6dc53c78a40c	https://www.sciencedirect.com/science/article/abs/pii/S2666950125000409	Scopus
436	2025	Design and development of plentiful fly ash-based glass powder-reinforced plastic composite bricks for low water absorption and high compressive and flexural strength	International Journal on Interactive Design and Manufacturing	Aditya Singh, Ashish Kumar Srivastava, Ajay Kumar, Rajesh Bajaj, Gyanendra Kumar Singh	Springer-Verlag Italia s.r.l.	10.1007/s12008-023-01580-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172842833&doi=10.1007%2Fs12008-023-01580-6&partnerID=40&md5=3768e2c83c1a7e5b347f54aa2b6f5c	https://link.springer.com/article/10.1007/s12008-023-01580-6	Scopus
437	2025	Blockchain Security: "Botnets and Bitcoin Mining" - A Study on the Impacts and Countermeasures	Recent Advances in Electrical and Electronic Engineering	Krishanu Kundu	Bentham Science Publishers	10.2174/0123520965301502240827114505	https://www.scopus.com/inward/record.uri?eid=2-s2.0-86000015049&doi=10.2174%2F0123520965301502240827114505&partnerID=40&md5=zeb1340718846b23609076ide7736407	https://www.benthamdirect.com/content/journals/rangee/10.2174/0123520965301502240827114505	Scopus
438	2025	Numerical Investigation of RbGe ₃ -Based Lead-Free Perovskite Solar Cell with Various Cu-Based Hole Transport Layers Using SCAPS-1D	Journal of Electronic Materials	Dharmender, Kaushal Kumar Nigam, Piyush Yadav, Shrija Kuksal, Tushar Parashar, Sudakar Singh Chauhan	Springer	10.1007/s11664-025-11740-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85217220934&doi=10.1007%2Fs11664-025-11740-x&partnerID=40&md5=ec13745c3050e84b5361b4911b824ee5	https://link.springer.com/article/10.1007/s11664-025-11740-x	Scopus & WOS
439	2025	"Virtual bonds and actual transactions": Investigating the impact of virtual influencers' credibility on buying behavior through virtual engagement	Journal of Communication Management	Durgesh Agnihotri, Pallavi Chaturvedi, Vikas Tripathi	Emerald Publishing	10.1108/JCOM-02-2024-0035	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10500106966&doi=10.1108%2FJCOM-02-2024-0035&partnerID=40&md5=f9a42f7800853e3d4acbb82062eefc2	https://www.emerald.com/insight/content/doi/10.1108/JCOM-02-2024-0035/full/html	Scopus
440	2025	A pocket-integrated miniature, dual-band, and high gain textile MIMO antenna for 5G and WiFi wearable applications	Scientific Reports	Deepthi Sharma, Rakesh N. Tiwari, Dinesh Kumar Singh, Ladislau Matekovits	Nature Research	10.1038/s41598-025-86605-8			

S. No.	Year	Title of Publication	Name of Journal	Names of Authors	Name of Publisher (Journal)	DOI	URL of Paper (SCOPUS)	URL of Paper (online journal)	Source
444	2025	Influence of Graphene Reinforcement Particles on the Mechanical and Wear Behavior of AlMgCuFeZrNi High Entropy Alloy Composite Material	ECS Journal of Solid State Science and Technology	Ambuj Saxena, Tarun Kumar Gupta, Rahul Chaurasia, Ashish Kumar Srivastava, Kushal Pal Singh and Neeraj Mishra	Institute of Physics	10.1149/2162-8777/adbebd	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105000270669&doi=10.1149%2F2162-8777%2Fadbebd&partnerID=40&md5=d82a59942e145e745a2049d5785508a	https://iopscience.iop.org/article/10.1149/2162-8777/adbebd	Scopus & WOS
445	2025	Tribo-mechanical, physical and thermal behaviour of Al/Si3N4 composite with and without the addition of Cu, Ni and Cr entropy elements	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	Shashi Prakash Dwivedi, Ashok Kumar Yadav, Ambuj Saxena, Vijay Kumar Dwivedi	SAGE Publications Ltd	10.1177/09544089231189663	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165885604&doi=10.1177%2F09544089231189663&partnerID=40&md5=748399725c4cf7e04848673a73096	https://journals.sagepub.com/doi/abs/10.1177/09544089231189663	Scopus
446	2025	Triple band lateral 4-port flexible MIMO antenna for millimeter wave applications at 24/28/38 GHz	Results in Engineering	Rakesh N. Tiwari, Deepthi Sharma, Prabhakar Singh, Bandredu Gurus Kullayappa, Pradeep Kumar, Boya Ranga Swamy, Gulmi Pavan Kumar, S. Rajasekaran	Elsevier B.V.	10.1016/j.rineng.2025.104678	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10500125613&doi=10.1016%2F0167-9113(2025)104678-1&partnerID=40&md5=8bdf113f5666032dc35d4687131d5	https://www.sciencedirect.com/science/article/pii/S259013025007558	Scopus
447	2025	Enhancing CZTS solar cell performance via back surface field in simulation engineering	Journal of Optics (India)	Sadanand Maurya, Pratap Kumar Daku, Lalit Kumar Gupta, Manvinder Singh, Sri Krishna Singh, Rajendra Prasad, Abhinav Mishra, D. K. Dwivedi	Springer	10.1007/s12596-025-02450-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105001062986&doi=10.1007%2F12596-025-02450-y&partnerID=40&md5=89d4016a38c8e9f3a6f95f006868a545	https://link.springer.com/article/10.1007/s12596-025-02450-y	Scopus
448	2025	Customer segmentation in e-commerce: K-means vs hierarchical clustering	Telkomnika (Telecommunication Computing Electronics and Control)	Sumit Kumar, Ruchi Rani, Sanjeev Kumar Pippal, Riya Agrawal	Universitas Ahmad Dahlan	10.12928/TELKOMNIKA.v23i1.26384	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85214244916&doi=10.12928%2FTELKOMNIKA.v23i1.26384&partnerID=40&md5=25bc3e575750012087499b42180ab651	https://telkomnika.uad.ac.id/index.php/TELKOMNIKA/article/view/26384/12010	Scopus
449	2025	Use of response surface methodology and CFD for analysing and optimization of simple-air cooled solar panel	International Journal of Energy and Water Resources	V. Singh, V. Trivedi, V. R. Mishra	Springer	10.1007/s42108-024-00298-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85198620532&doi=10.1007%2F42108-024-00298-9&partnerID=40&md5=b1d6f7269530c95035a730a1d2327f7	https://link.springer.com/article/10.1007/s42108-024-00298-9	Scopus
450	2025	Design and Implementation of High Isolation Textile MIMO Antenna for Wearable Applications	International Journal of Communication Systems	Sanjeev Kumar, Nual Srivastava, Sachin Kumar, Deepthi Sharma, Rakesh N. Tiwari, Abhishek Kandwal, Mahesh Kumar Singh, Bhawna Goyal	John Wiley and Sons Ltd	10.1002/dac.70010	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85216479669&doi=10.1002%2Fdac.70010&partnerID=40&md5=c663329a7a9a3d047243b3d7b033608	https://onlinelibrary.wiley.com/doi/abs/10.1002/dac.70010	Scopus & WOS
451	2025	A study of the effect of organic acids (gallic acid and ascorbic acid) on the coloration and functionalization of wool yarns with Millelitta laurentii sawdust natural dye	Journal of the Textile Institute	Siyamak Safarpour, Mohd Shabbir, Luqman Jameel Rathar, Mohammed A. Assir, Shazia Shaheen Mir	Taylor and Francis Ltd.	10.1080/00405000.2024.2354144	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85193699713&doi=10.1080%2F00405000.2024.2354144&partnerID=40&md5=b621c8277bc810c9c8bee194dbaa0478	https://www.tandfonline.com/doi/full/10.1080/00405000.2024.2354144	Scopus & WOS
452	2025	The effect of reinforcement particle weight percentage on the mechanical and microstructural properties of AA 2024-based metal matrix composite	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	Rohit Sahu, Krovvidi Srinivas, Atul Kumar Agrawal	SAGE Publications Ltd	10.1177/09544062251324092	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105000546069&doi=10.1177%2F09544062251324092&partnerID=40&md5=10472dc71f0a45af2245b11570c5882d	https://journals.sagepub.com/doi/abs/10.1177/09544062251324092	Scopus & WOS
453	2025	Enhancing transparency in global horizontal irradiance estimation with tree based machine learning algorithms and Shapley additive explanations framework	International Journal of Ambient Energy	Rahul Gupta, Chaitanya Ganvir, S. K. Jha, Rahul Singh, Raj Kumar Baghel	Taylor and Francis Ltd.	10.1080/10430750.2024.2444346	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85214895596&doi=10.1080%2F10430750.2024.2444346&partnerID=40&md5=cde9f6ad21c3b76fb015e87ad402770	https://www.tandfonline.com/doi/abs/10.1080/10430750.2024.2444346	Scopus
454	2025	Review—A Comparative Analysis of the Fundamental Characteristics and Uses of the Amorphous Polymers Poly(sulfone) and Poly(methyl methacrylate)	Journal of the Electrochemical Society	Pooja Saxena and Prashant Shukla	Institute of Physics	10.1149/1945-7111/ada582	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85218642110&doi=10.1149%2F1945-7111%2Fada582&partnerID=40&md5=28000ea2f72a1d9337185247a826edcf1	https://iopscience.iop.org/article/10.1149/1945-7111/ada582	Scopus
455	2025	Design and parametric evaluation of multi cavity photonic sensors	Journal of Optics (India)	Bishwajeet Pandey, Wan Aezwani Wan Abu Bakar, Pushpanjali Pandey & Preeta Sharan	Springer	10.1007/s12596-025-02690-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105001943064&doi=10.1007%2F12596-025-02690-y&partnerID=40&md5=b166ea4757407a1602a678647b6c176c	https://link.springer.com/article/10.1007/s12596-025-02690-y	Scopus
456	2025	An Improved Gain Antenna Array for Telehealth Monitoring on the Internet of Things Platform	IEEE Internet of Things Journal	Deepthi Sharma; Rakesh N. Tiwari; Sachin Kumar; Ajay K. Poddar	Institute of Electrical and Electronics Engineers Inc.	10.1109/IJOT.2024.3476686	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85207112897&doi=10.1109%2FIJOT.2024.3476686&partnerID=40&md5=9c29194dc9e3a991b50e02314e73a17d	https://ieeexplore.ieee.org/document/10710150	Scopus & WOS
457	2025	Investigation of microstructural, mechanical, and damping properties of B4C reinforced Al 7075 T6 Matrix	Journal of Reinforced Plastics and Composites	Ranjeet Kumar Singh, Ramesh Chandra Singh	SAGE Publications Ltd	10.1177/07316844251337258	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105004472862&doi=10.1177%2F07316844251337258&partnerID=40&md5=a1921f2e4f0235991d671aacc12872b3a	https://journals.sagepub.com/doi/10.1177/07316844251337258	Scopus & WOS
458	2025	A secure and efficient identity-based RFID mutual Authentication scheme for IoT using elliptic curve cryptography	International Journal of Computers and Applications	Md Ozaif, Mahfooz Ahamd, Mustafizj, Mohd Mustaqem, Nadeem Khan	Taylor and Francis Ltd.	10.1080/1062121X.2025.2491075	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105003874653&doi=10.1080%2F1062121X.2025.2491075&partnerID=40&md5=84744cd018f67f39860a194155a9fd8	https://www.tandfonline.com/doi/abs/10.1080/1062121X.2025.2491075	Scopus
459	2025	Influence of raster angle on mechanical properties for FDM 3D printed PLA polymer	Green Materials	Tarun Kumar Gupta, Nagreddy Mounika, Ambuj Saxena, Nagendra Kumar Maurya, Megha Jagga, Gaurav Sood	ICE Publishing	10.1680/jgrma.24.00212	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105000609082&doi=10.1680%2Fjgrma.24.00212&partnerID=40&md5=10f95e3490b6b40d11955b0638933f2	https://www.icvvirtualibrary.com/doi/10.1680/jgrma.24.00212	Scopus
460	2025	Electric discharge machining of hybrid composite with bio-dielectrics for sustainable developments	Australian Journal of Mechanical Engineering	Nishant Kumar Singh, Yashvir Singh, Erween Abd Rahim, T. Senthil Siva Subramanian, Abhishek Sharma	Taylor and Francis Ltd.	10.1080/14484846.2023.2249577	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8516896675&doi=10.1080%2F14484846.2023.2249577&partnerID=40&md5=950c4e479ed93bc89579157848086e	https://www.tandfonline.com/doi/full/10.1080/14484846.2023.2249577	Scopus
461	2025	Compassionate entrepreneurship and cognitive workaholism: mediating role of artificial intelligence adoption	International Journal of Entrepreneurship and Small Business	Ruchi Rayat, Manuha Nagpal, Deepika Chaudhary, Sudha Panwar	Inderscience Publishers	10.1504/IJESB.2025.145254	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105001994474&doi=10.1504%2FIJESB.2025.145254&partnerID=40&md5=e95059cad46336c571439e799ebdbf1a	https://www.inderscienceonline.com/doi/pdf/10.1504/IJESB.2025.145254	Scopus
462	2025	Sensor and Computer Vision Based Cattle Health Monitoring and Management	SSRG International Journal of Electrical and Electronics Engineering	Devendra Singh, Rajesh Singh, Anila Gehlot, Gaurav Bhandari, Atulya Verma, Pawan Gangwar, Purnendu Shekhar Pandey	Seventh Sense Research Group	10.14445/23488379/IJEE-V12I1P109	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85216482997&doi=10.14445%2F23488379%2FIJEE-V12I1P109&partnerID=40&md5=9d4635564e56216f78b2830a1331421	https://www.internationaljournalssrg.net/IJEE/2025/Volume12-Issue1/IJEE-V12I1P109.pdf	Scopus
463	2025	MODEL PREDICTIVE CONTROL (MPC) AND PROPORTIONAL-INTEGRAL-DERIVATIVE (PID) CONTROLLERS FOR LOAD FREQUENCY CONTROL SCHEME	Suranaree Journal of Science and Technology	Akhilesh Singh, Nagendra Kumar, Manoj Badoni, Rajeev Kumar, Bhagavati Prasad Joshi, Sunil Semwal	Suranaree University of Technology	10.55766/sujst6970	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105000473368&doi=10.55766%2FSujst6970&partnerID=40&md5=016c840ef42001570342716859da4015		
464	2025	Deadline Constrained Based Load Balancing Algorithm for Batch of IoT Tasks on Fog and Edge Computing Environments	Iran Journal of Computer Science	Deepak, Manoj Kumar Upadhyay, Mahfooz Alam	Springer International Publishing	10.1007/s42044-025-00263-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105002405628&doi=10.1007%2Fs42044-025-00263-7&partnerID=40&md5=0b76f9d1dc74ee2e57374265c87c9ed	https://link.springer.com/article/10.1007/s42044-025-00263-7	Scopus
465	2025	Exploring stimulus to consumers' virtual shopping environment in the metaverse	Journal of Computer Information Systems	S. M. Fatah Uddin, Fateh Mohd Khan, Mohammad Anas, Mohd. Nishat Faisal, Nripendra P. Rana	Taylor and Francis Ltd.	10.1080/08874417.2025.2459685	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85218842943&doi=10.1080%2F08874417.2025.2459685&partnerID=40&md5=375d67881e61f987132751c0b9f1ed	https://www.tandfonline.com/doi/full/10.1080/08874417.2025.2459685?af=R	Scopus
466	2025	The Intersection of Quantum Computing, Artificial Intelligence and Financial Risks: A Bibliometric Analysis of the Modern Financial Sector	Journal of Information Technology Management	Adarsh Garg, Monika Singh, Manjeet Kumar	University of Tehran	10.22059/IJTM.2025.100694	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000928919&doi=10.22059%2FIJTM.2025.100694&partnerID=40&md5=743cd9096f7c55c5a1069d1c4a939	https://ijtm.ut.ac.ir/article_100694.html	Scopus
467	2025	Enhancing power transfer efficiency of wind energy to the grid using a three-phase matrix converter with optimization-based delta PWM control	Electrical Engineering	Akhilesh Kumar, Pradip Kumar Sadhu, Jay Singh, Shiv Prakash Bihari	Springer Science and Business Media Deutschland GmbH	10.1007/s00202-025-03093-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105004454915&doi=10.1007%2Fs00202-025-03093-9&partnerID=40&md5=c1b0a048e7d839e4b599a4aba3c5dbd1	https://link.springer.com/article/10.1007/s00202-025-03093-9	Scopus
468	2025	Security-Reliability Tradeoff Analysis for SWIPT-Enabled Dual-Hop Vehicular Communication System over Double Nakagami-m Channels	IEEE Internet of Things Journal	Dipti R. Pattanayak, Vishal Narain Saxena, Vivek K. Dwivedi, Ghanshyam Singh	Institute of Electrical and Electronics Engineers Inc.	10.1109/IJOT.2024.3498873	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105001582072&doi=10.1109%2FIJOT.2024.3498873&partnerID=40&md5=c4e97c77980bddf8b283961fcc9e6bd	https://ieeexplore.ieee.org/document/10756795	Scopus & WOS
469	2025	Non-fragile control of discrete-time conic-type nonlinear Markovian jump systems under deception attacks using event-triggered scheme and its application	Mathematics and Computers in Simulation	M. Mubeen Tajudeen, M. Syed Ali, Ganesh Kumar Thakur, Bandana Priya, R. Perumal	Elsevier B.V.	10.1016/j.matcom.2024.08.007	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85201279730&doi=10.1016%2Fmatcom.2024.08.007&partnerID=40&md5=e906baab81ff7dc8848a8fb0b1d473	https://www.sciencedirect.com/science/article/pii/S0378475424003100	Scopus & WOS
470	2025	Memory forensics: detecting unusual intrusion activity in dump of RAM memory using FTK imager	International Journal of Information Technology (Singapore)	Bishwajeet Pandey, Amit Kumar, Deepak Bhaskar Acharya, Pushpanjali Pandey, W.A.W.A. Bakar	Springer Science and Business Media B.V.	10.1007/s41870-025-02567-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10500596905&doi=10.1007%2Fs41870-025-02567-0&partnerID=40&md5=5a5c46011991ec324570a5770a23a24	https://link.springer.com/content/pdf/10.1007/s41870-025-02567-0.pdf	Scopus
471	2025	Exploring asymmetric shocks of carbon emissions to renewable energy sustainability indicators using the NARDL approach	International Journal of Innovation Science	Anshul Agrawal, Rajesh Agarwal, Sanjeev Kadam, Ved Prakash, Shweta Anand	Emerald Publishing	10.1108/IJIS-02-2025-0066	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10500723073&doi=10.1108%2FIJIS-02-2025-0066&partnerID=40&md5=9f9d4710471b6dc5c9786d272b2674	https://www.emerald.com/insight/content/doi/10.1108/IJIS-02-2025-0066/full/html	Scopus
472	2025	Information technology entrepreneurs, leadership styles and employee engagement: examining mediating effect of artificial intelligence	International Journal of Entrepreneurship and Small Business	Muskan Khan, Neha Nagar, Manuha Nagpal, Deepika Chaudhary	Inderscience Publishers	10.1504/IJESB.2025.145861			

S. No.	Year	Title of Publication	Name of Journal	Names of Authors	Name of Publisher (Journal)	DOI	URL of Paper (SCOPUS)	URL of Paper (online journal)	Source
478	2025	Influence of AlCoCrFeNiCuSn HEA reinforcement particles on the plastic flow behaviour of the friction stir processed composite material under constrained confined deformation conditions	Materials Today Communications	Ambuj Saxena, Tarun Kumar Gupta, Ashish Kumar Srivastava, Shubham Sharma, Amit Kumar Vishwakarma, Ajay Kumar	Elsevier Ltd	10.1016/j.jmtcomm.2024.111084	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85210539813&doi=10.1016%2Fj.jmtcomm.2024.111084&partnerID=40&md5=e3f9bc92545ca69680808fb26b6a93fa		Scopus
479	2025	The Search-o-Sort Theory	AppliedMath	Anurag Dutta, Sanjeev Kumar, Deepkiran Munjal, Pijush Kanti Kumar	Multidisciplinary Digital Publishing Institute (MDPI)	10.3390/appliedmath5020064	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105009262881&doi=10.3390%2Fappliedmath5020064&partnerID=40&md5=7a880a540c40799f4346d4f011104717		Scopus
480	2025	Employment of Synchronized Chaotic SHA256 Random Number Generators along with their Application in the Field of Image Encryption	Recent Advances in Electrical and Electronic Engineering	Raveendra Muddineni, Krishanu Kundu, U. Saravanakumar, Saam Prasanth Dheeraj Pedapalli	Bentham Science Publishers	10.2174/0123520965269595231108065832	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105008673896&doi=10.2174%2F0123520965269595231108065832&partnerID=40&md5=2332db06e6dc003438282a338e1c1d96		Scopus
481	2025	Wideband DGS Slot Loaded Patch Antenna for High-Speed mm-wave 5G Applications; [Широкополосова щілинна мікросмужкова антена з дефектною опірною поверхнею (DGS) для високошвидкісних міліметрових застосувань 5G]	Journal of Nano- and Electronic Physics	A. Rai, K. Kundu, J.P. Keshari, M.L. Naidu	Summy State University	10.21272/jnep.17(2).02019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105008769162&doi=10.21272%2Fjnep.17%282%29.02019&partnerID=40&md5=69e48e9280c58e24d0c3daf5d4b835b		Scopus
482	2025	The Role of Emotional Intelligence in Enhancing Life Satisfaction Among Hospitality Professionals in India	Annals of Neurosciences	Shruti Traymbak, Milli Dutta	SAGE Publications Inc.	10.1177/09727531251343253	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105008059739&doi=10.1177%2F09727531251343253&partnerID=40&md5=f8a8c9e742012e85610347d4fe0d6e		Scopus
483	2025	Edge Computing-Driven Resource Allocation for Latency-Sensitive 5G Applications	Journal of Environmental Protection and Ecology	Shilpa Choudhary, M.V. Kavitha, Chailappalli Sujana, R.V.S. Lalitha, Warish Patel, Natasha Martin, K. Lingaraj, Jim Mathew Philip	Scibulcom Ltd.		https://www.scopus.com/inward/record.uri?eid=2-s2.0-105009359043&partnerID=40&md5=b180d43b8f752b62a3f144d5290a3a16		Scopus
484	2025	Mushroom-Derived Innovations: Sustainable Biomaterials for Biomedical Engineering	Biomedical Materials and Devices	Shishir Srivastava, Palak Mathur, Preeti Prakash, Ermelinda Falletta, Uma Katha, Anselmo Paganì, Ayush Baranwal, Anjali Mishra, Paolo Zamboni, Ajay Vikram Singh	Springer Nature	10.1007/s44174-024-00206-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85201957841&doi=10.1007%2Fs44174-024-00206-z&partnerID=40&md5=ceb3acbc120dd6ab34510161e8b34dc07b	https://www.scopus.com/record/display.uri?eid=2-s2.0-85201957841&doi=10.1007%2Fs44174-024-00206-z&origin=inward&txGid=e7168d344c09adb988a9d8d485e7f83a	Scopus
485	2025	Recovery of valuable metals from spent lithium ion battery: Technologies, sustainability, and challenges in India	Minerals Engineering	Neeraj Kumar, Ashutosh Mishra, Deepak Kumar	Elsevier Ltd	10.1016/j.mineng.2025.109312	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105002327447&doi=10.1016%2Fj.mineng.2025.109312&partnerID=40&md5=f214351ba8a359fe778cdfc08881b398	https://www.sciencedirect.com/science/article/abs/pii/S0892687525001402?via%3Dihub	Scopus & WOS
486	2025	Machine learning-based health risk assessment of fluoride and nitrate in indian drinking water: A systematic review	Journal of Food Composition and Analysis	Shahjad Ali, Rajesh Kumar Deolia, Azhar Shadab, Raisul Islam, Mohammad Usama, Saiman Ahmed, Athar Hussain, Kamlesh Deshmukh, Ali Akbar Mohammadi	Academic Press Inc.	10.1016/j.jfca.2025.107849	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105007004638&doi=10.1016%2Fj.jfca.2025.107849&partnerID=40&md5=e22ad217cad43cb3bd47255b9cd083f5	https://www.sciencedirect.com/science/article/abs/pii/S0889157525006647?via%3Dihub	Scopus & WOS
487	2025	Thermochemical transformation of agricultural residue for hydrogen production in India	Sustainable Chemistry for Climate Action	Neeraj Kumar, Deepak Kumar, Ashutosh Mishra	Elsevier B.V.	10.1016/j.scca.2025.100064	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105000342802&doi=10.1016%2Fj.scca.2025.100064&partnerID=40&md5=39590e5df5925f404278ca4e08fd7d30	https://www.sciencedirect.com/science/article/pii/S2772826925000094	Scopus
488	2025	High-performance workplace system: a literature review	International Journal of Organizational Analysis	Seema Bhardwaj, Pooja Choudhary, Ritika Chopra, Dipanwita Chakraborty	Emerald Publishing	10.1108/IJOA-06-2024-4599	https://www.scopus.com/inward/record.uri?eid=2-s2.0-86000203499&doi=10.1108%2FIJOA-06-2024-4599&partnerID=40&md5=6db04f63c127e55b324df9b75712e052	https://www.emerald.com/insight/content/doi/10.1108/ijo-a-06-2024-4599/full/html?akiTracking=true	Scopus
489	2025	An Exploration of Flexible Marketing Research: Publication Trends, Research Collaboration, and Emerging Research Areas	Global Journal of Flexible Systems Management	Altaf Ali, Shakil Ahmad, Ishqiya Ahmad Bajwa, Mohammad Nazim, Nripendra Singh, Reena Singh	Springer	10.1007/s40171-025-00444-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105003403879&doi=10.1007%2Fs40171-025-00444-0&partnerID=40&md5=e444977e3817aea9a865314d9e0bd89f	https://link.springer.com/article/10.1007/s40171-025-00444-0	Scopus
490	2025	Comprehensive Survey on Computational Techniques for Brain Tumor Detection: Past, Present and Future	Archives of Computational Methods in Engineering	Priyanka Datta, Rajesh Rohilla	Springer Science and Business Media B.V.	10.1007/s11831-025-10238-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105000452370&doi=10.1007%2Fs11831-025-10238-3&partnerID=40&md5=39e97f7833528122f52d8f9e3ca41	https://link.springer.com/article/10.1007/s11831-025-10238-3	Scopus
491	2025	Enhancing solar drying performance with heat storage technologies and nanoparticles integration: A clean energy production	Journal of Energy Storage	Ajay Pratap Singh, Sumit Tiwari, Harendra Sinhmar, Ravinder Kumar Sahdev, Shivesh Tripathi	Elsevier Ltd	10.1016/j.est.2024.114669	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85209903253&doi=10.1016%2Fj.est.2024.114669&partnerID=40&md5=80025652827b92f014d4773736021e68	https://www.sciencedirect.com/science/article/abs/pii/S2352152X24042555?via%3Dihub	Scopus & WOS
492	2025	Advancements in Fiber and Prism-Based Surface Plasmon Resonance Sensors: Comparative Analysis and Applications in Disease Detection and Biosensing	Plasmonics	Purnendu Shekhar Pandey, Azhar Shadab, Malatesh Akkur, Yashpal Yadav, Manoj Kumar, Mahaveer Singh Naruka, Yadvendra Singh, Rajesh Singh	Springer	10.1007/s11468-024-02745-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85218003295&doi=10.1007%2Fs11468-024-02745-z&partnerID=40&md5=e71f083992a4c1047087f411d3888d73	https://link.springer.com/article/10.1007/s11468-024-02745-z	Scopus & WOS
493	2025	A Green Approach to Sustainability: Biodegradable Polymers in Environmental and Energy Applications	ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY		ELECTROCHEMICAL SOC INC	http://dx.doi.org/10.1149/2162-8777/ade341			WOS
494	2025	Review-A Comparative Analysis of the Fundamental Characteristics and Uses of the Amorphous Polymers Poly(sulfone) and Poly(methyl methacrylate)	JOURNAL OF THE ELECTROCHEMICAL SOCIETY		ELECTROCHEMICAL SOC INC	http://dx.doi.org/10.1149/1945-7111/ada582			WOS
495	2025	Advancements in Fiber and Prism-Based Surface Plasmon Resonance Sensors: Comparative Analysis and Applications in Disease Detection and Biosensing	Plasmonics	Purnendu Shekhar Pandey, Azhar Shadab, Malatesh Akkur, Yashpal Yadav, Manoj Kumar, Mahaveer Singh Naruka, Yadvendra Singh, Rajesh Singh	Springer	10.1007/s11468-024-02745-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85218003295&doi=10.1007%2Fs11468-024-02745-z&partnerID=40&md5=e71f083992a4c1047087f411d3888d73		Scopus
496	2026	LSDMA: Levelized security driven deadline constrained multiple workflow allocation model in cloud computing	Future Generation Computer Systems	Mahfooz Alam, Mohammad Shahid, Suhel Mustajab, Mohammad Sajid	Elsevier B.V.	10.1016/j.future.2025.107941	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105007445929&doi=10.1016%2Fj.future.2025.107941&partnerID=40&md5=1538d8912aa4377385c2936ab2788dc6	https://www.sciencedirect.com/science/article/abs/pii/S0167739X25002365	Scopus