SCI Index Journal Papers (2022-23)

Sr. No	Authors	Title	Journal and publisher name	Volume, Issue, ISSN, Page No, Year of Publication	Indexing (SCIE/SSCI/AHCI/ESCI/Scopus), if not index, write no	Impact Factor (Clarivate or equivalent agency only)	Department in abbreviation	Session	DOI (in the form of link)
1	Chiranjib Chakraborty, Manojit Bhattacharya, Ashish Ranjan Sharma, Bidyut Mallik	Omicron (B. 1.1. 529)-A new heavily mutated variant: Mapped location and probable properties of its mutations with an emphasis on S-glycoprotein	International Journal of Biological Macromolecules, Elsevier	219, 1879-0003, 980-997, 2022	SCIE	8.2	AS&H	2022-23	https://doi.org/10.1016/j.ijbiomac.2022.07.254
2	Manojit Bhattacharya, Srijan Chatterjee, Bidyut Mallik, Ashish Ranjan Sharma, Chiranjib Chakraborty	Therapeutic role of neutralizing antibody for the treatment against SARS-CoV-2 and its emerging variants: a clinical and pre-clinical perspective	Vaccines, MDPI	10, 10, 2076-393X, 1612:1-28, 2022	SCIE	7.8	AS&H	2022-23	https://doi.org/10.3390/vaccines10101612
3	Razan A. Alshgari, Sarat Chandra Prasad,Bipin Kumar Srivastava,Mohammed Saleh Al Ansari,Parul Gupta,. Sivakumar,Saikh Mohammad Wabaidur,. Ataul Islam,and Abdi Diriba	Mechanical Evaluation on Carbon/Basalt Fiber-Reinforced Hybrid Polymer Matrix Composite	Hindawi, Advances in Polymer Technology	Volume 2022, ISSN 2063-5346,| Article ID 7742349,1-9,2022	SCIE	2.389	AS&H	2022-23	https://doi.org/10.1155/2022/7742349
4	Harishchander Anandaram, Bipin Kumar Srivastava, B. Vijayakumar, P. Madhu, Melvin Victor Depoures, Pravin P. Patil, Sarika Chhabria, Praveen Bhai Patel, S. Prabhakar,	Co-pyrolysis Characteristics and Synergistic Interaction of Waste Polyethylene Terephthalate and Woody Biomass towards Bio-Oil Productio	Hindawi, Journal of Chemistry	Volume 2022,ISSN 2063-5346, Article ID 3699076,2022	SCIE	2.389	AS&H	2022-23	https://doi.org/10.1155/2022/3699076
5	Shreya Singh, Rahul Garg, Atanu Jana, Chinna Bathula, Soniya Naik, Mona Mittal	Current developments in nanostructurally engineered metal oxide for removal of contaminants in water	Ceramic Internationals, Elsevier	49, 5, 7308-7321, 2022	SCIE	5.2	AS&H	2022-23	https://doi.org/10.1016/j.ceramint.2022.10.183
6	Harshdeep Kaur, Rahul Garg, Sajan Singh, Atanu Jana, Chinna Bathula, Hyun-Seok Kim, Sangamesh G Kumbar, Mona Mittal	Progress and challenges of graphene and its congeners for biomedical applications: Drug delivery, gene delivery, biosensing, bioimaging, and tissue engineering	Journal of Molecular Liquids and Elsevier	368, 120703, 2023	SCIE	6	AS&H	2022-23	https://doi.org/10.1016/j.molliq.2022.120703
7	Preeti Shrivastava, Lalit Kumr Gupta, Rajendra Prasad, A. J. Khan, G. K. Goswami, Anil Kumar Yadav	Modeling of Bianchi type I accelerating Universe in Lyra's manifold	International Journal of Geometric Methods in Modern Physics, World Scientific, Singapore	vol.19 Issue 12(2250197) ISSN 0219-8878 Page No 1-18, 2022	SCIE	1.874	AS&H	2022-23	https://doi.org/10.1142/S0219887822501973

8	Ahmad Umar, Pooja Tiwari, Sadanand*, Vaibhava Srivastava, Pooja Lohia, Dilip Kumar Dwivedi, Hussam Qasem, Sheikh Akbar, Hassan Algadi, and Sotirios Baskoutas.	Modeling and Simulation of Tin Sulfide (SnS)-Based Solar Cell Using ZnO as Transparent Conductive Oxide (TCO) and NiO as Hole Transport Layer (HTL)."	Micromachine, MDPI Publishing	13, 12, 2072-666X, 2506-2515, 2022	SCIE	3.52	AS&H	2022-23	https://doi.org/10.3390/nano12142506
9	Sadanand *, Ahmad Umar, Pravin Kumar Singh, D. K. Dwivedi Hassan Algadi, Ahmed A. Ibrahim, Mohsen A. M. Alhamami, Sotirios Baskoutas,	High power-conversion efficiency of lead-free perovskite solar cells: A theoretical investigation	Micromachine, MDPI Publishing	13, 12, 2201-2213, 2072-666X, 2022	SCIE	3.52	AS&H	2022-23	https://doi.org/10.3390/mi13122201
10	Ahmad Umar, P. K. Singh, Sadanand, D. K. Dwivedi, Ahmed A. Ibrahim, Mohsen A. M. Alhamami, Hussam Qasem, Sheikh Akbar, and S. Baskoutas	“Design and Simulation of Lead-Free Perovskite Solar Cells with a Hole Transport Layer Made of NiO Nanocomposite	Science of Advanced Materials, American Scientific Publishers	14, 9, 1511-1517, 1947-2935, 2022	SCIE	1.47	AS&H	2022-23	https://doi.org/10.1166/sam.2022.4368
11	Umar, Ahmad, Yadav, Vaishali, Srivastava, Vaibhava ; Sadanand ; Lohia, Pooja ; Dwivedi, D. K. ; Ibrahim, Ahmed A.; Alhamami, Mohsen A. M.; Qasem, Hussam; Akbar, Sheikh	Simulation of Efficient Lead Sulfide Colloidal Quantum Dot Solar Cell using Spiro-OMeTAD as Hole Transport Layer	Science of Advanced Materials, American Scientific Publishers	14, 11, 1741-1749, 2022	SCIE	1.47	AS&H	2022-23	https://doi.org/10.1166/sam.2022.4377
12	Ahmad Umar, P. Srivastava, Sadanand, Shambhavi Rai, Pooja Lohia, Dilip Kumar Dwivedi, Hassan Algadi, and Sotirios Baskoutas.	High-performance lead-free perovskite solar cell: a theoretical study	Emerging Research Materials, ICE Publishing	12, 1, 92-99, 2046-0147, 2023	SCIE	1.096	AS&H	2022-23	https://doi.org/10.1680/jemmr.22.00129
13	Naureen, Sadanand*, Shambhavi Rai, R.K.Yadav, Pooja Lohia, D.K. Dwivedi	A Simulation Study of Quantum Dot Solar Cells Using Two Distinct ETL of WO3 and WS2	Optical and Quantum Electronics, Springer	55, NA, 541-549, 1572-817x, 2023	SCIE	2.84	AS&H	2022-23	https://doi.org/10.1007/s11082-023-04809-6
14	Ahmad Umar, Vaishali Yadav, Vaibhava Srivastava, Sadanand, Pooja Lohia, D.K. Dwivedi, Ahmed A. Ibrahim, Sheikh Akbar, Hussam Qasim, Sotirios Baskoutas	Optimizing quantum dot solar cells: exploring defect density effects with PTAA HTL layer simulation using SCAPS-1D	Emerging Research Materials, ICE Publishing	12, 3, 1-9, 2046-0147, 2023	SCIE	1.096	AS&H	2022-23	https://doi.org/10.1680/jemmr.22.00130
15	Singh, J., Singh, S., Srivastava, V., Sadanand, S., Yadav, R., Lohia, P. and Dwivedi, D.K.	Performance enhancement of PbS-TBAI quantum dot solar cell with MoTe2 as hole transport layer.	Physica Status Solidi (A), Wiley	220, 15 , 2023	SCIE	3.08	AS&H	2022-23	https://doi.org/10.1002/pssa.202300275
16	P. Chauhan, S. Agarwal, V. Srivastava, Sadanand, M. K. Hossain, R. Pandey, J. Madan, P. Lohia, D.K. Dwivedi and M. Amami.	Kesterite CZTS based thin film solar cell: Generation, recombination, and performance analysis Kesterite CZTS based thin film solar cell: Generation, recombination, and performance analysis	Journal of Physics and Chemistry of Solids, Elsevier	14,11, 1741-1749, 0022-3697, 2023	SCIE	4	AS&H	2022-23	https://doi.org/10.1016/j.jpcs.2023.111631

17	Shibani Navasakthi, Anuvesh Pandey, Rahul Dandautiya, Murtaza Hasan, Mohammad Amir Khan, Kahkashan Perveen, Shamshad Alam, Rajni Garg, Obaid Qamar	Assessment of Spatial and Temporal Variation in Water Quality	Water, MDPI	Vol. 15, Issue 17, ISSN: 2073-4441, Page no. 3076, year: 2023	SCIE	3.4	AS&H	2022-23	https://doi.org/10.3390/w15173076
18	Okon Eddy, Nnabuk, Anduang O. Odiongenyi, Eno E. Ebenso, Rajni Garg, and Rishav Garg	Plant Wastes as Alternative Sources of Sustainable and Green Corrosion Inhibitors in Different Environments	Corrosion Engineering, Science and Technology, Taylor and Francis	Vol. 58, Issue 5, ISSN: 1743-2782, Page no. 521-533, Year 2023	SCIE	1.8	AS&H	2022-23	https://doi.org/10.1080/1478422X.2023.2204260
19	N. O. Eddy, Rajni Garg, Rishav Garg, Samson I. Eze, Emeka Chima Ogoko, Henrietta Ijeoma Kelle, Richard Alexis Ukpe, Raphael Ogbodo, Favour Chijoke	Sol-Gel Synthesis, Computational Chemistry, and Applications of CaO Nanoparticles for the Remediation of Methyl Orange Contaminated Water	Advances in Nano Research: Techno press journals	Vol. 15, Issue 1, ISSN: 2287-2388, Page No. 35-48, Year: 2023	SCIE	5.7	AS&H	2022-23	https://doi.org/10.12989/anr.2023.15.1.035
20	Steven A Odoemelam, Esther O Oji, Nnabuk Okon Eddy, Rajni Garg, Rishav Garg, Saiful Islam, Mohammad Amir Khan, Nadeem A Khan, Sasan Zahmatkesh	Zinc Oxide Nanoparticles Adsorb Emerging Pollutants (Glyphosate Pesticide) from Aqueous Solutions	Environmental Monitoring and Assessment, Springer	Vol. 195, ISSN: 1573-2959 , Year: 2023	SCIE	3	AS&H	2022-23	https://doi.org/10.1007/s10661-023-11255-0.
21	Eddy, Nnabuk Okon, Anduang Ofuo Odiongenyi, Rajni Garg, Richard Alexis Ukpe, Rishav Garg, Ahmed El Nemr, Comfort Michael Ngwu, and Imeh Jospeh Okop	Quantum and Experimental Investigation of the Application of Crassostrea Gasar (Mangrove Oyster) Shell–Based CaO Nanoparticles as Adsorbent and Photocatalyst for the Removal of Procaine Penicillin from Aqueous Solution	Environmental Science and Pollution Research, Springer	Vol. 30, ISSN: 1614-7498, Page No. 64036–64057 , Year: 2023	SCIE	5.8	AS&H	2022-23	https://doi.org/10.1007/s11356-023-26868-8
22	Garg, Rishav, Rajni Garg, Nnabuk Okon Eddy, Mohd Amir Khan, Afzal Husain Khan, Thamer Alomayri, and Parveen Berwal	Mechanical Strength and Durability Analysis of Mortars Prepared with Fly Ash and Nano-Metakaolin	Case Studies in Construction Materials, Elsevier	Vol. 8, ISSN: 2214-5095, Year: 2023	SCIE	6.2	AS&H	2022-23	https://doi.org/10.1016/j.cscm.2022.e01796
23	Garg, Rajni, Rishav Garg, Mika Sillanpää, Alimuddin, Mohammad Amir Khan, Nabisab Mujawar Mubarak, and Yie Hua Tan	Rapid Adsorptive Removal of Chromium from Wastewater Using Walnut-Derived Biosorbents	Scientific Reports, Springer Nature	Vol. 13, ISSN: 2045-2322, Year: 2023	SCIE	4.6	AS&H	2022-23	https://doi.org/10.1038/s41598-023-33843-3
24	P Sivamurugan, M. Mareeswaran, S. A. Muhammed Abraar, Savita Verma, Neha Verma, Bipin Kumar Srivastava, D. Vinay Kumar, I. S. Chakrapani, B. Ramesh	Development of thermally reduced corn stover biochar and its satin weaved sisal-reinforced vinyl ester composites	Biomass Conversion and Biorefinary, Springer,	1-9, 2023, ISSN:21906815, 21906823	SCIE	4.05	AS&H	2022-23	https://doi.org/10.1007/s13399-023-04273-y

25	SS Nagane, DM Maher, S Verma, AA Talanikar, PP Wadgaonkar	Pendant propargyloxy-functionalized aromatic (co)polycarbonates: synthesis, thermal crosslinking and chemical modification.	Journal of Macromolecular Science, Part A, Taylor and Francis	59, 11, 752-763, 2022, ISSN:1520-5738	SCIE	2.216	AS&H	2022-23	https://doi.org/10.1080/10601325.2022.2117055
26	RP MD Gift, S Verma, K Prasad, K Kathiresan	Green Catalytic Pyrolysis: An Eco-friendly route for the production of fuels and chemicals by blending oil industry waste furniture wood.	ournal of Nanomaterials, Hindawi	1-9, 2022, ISSN: 16874110, 16874129	SCIE	3.791	AS&H	2022-23	https://doi.org/10.1155/2022/9381646
27	Okon Eddy, Nnabuk, Anduang O. Odiongenyi, Eno E. Ebenso, Rajni Garg, and Rishav Garg	Plant Wastes as Alternative Sources of Sustainable and Green Corrosion Inhibitors in Different Environments	Corrosion Engineering, Science and Technology, Taylor and Francis	Vol. 58, Issue 5, ISSN: 1743-2782, Page no. 521-533, Year 2023	SCIE	1.8	CE	2022-23	https://doi.org/10.1080/1478422X.2023.2204260
28	N. O. Eddy, Rajni Garg, Rishav Garg, Samson I. Eze, Emeka Chima Ogoko, Henrietta Ijeoma Kelle, Richard Alexis Ukpe, Raphael Ogbodo, Favour Chijoke	Sol-Gel Synthesis, Computational Chemistry, and Applications of CaO Nanoparticles for the Remediation of Methyl Orange Contaminated Water	Advances in Nano Research: Techno press journals	Vol. 15, Issue 1, ISSN: 2287-2388, Page No. 35-48, Year: 2023	SCIE	5.7	CE	2022-23	https://doi.org/10.12989/anr.2023.15.1.035
29	Steven A Odoemelam, Esther O Oji, Nnabuk Okon Eddy, Rajni Garg, Rishav Garg, Saiful Islam, Mohammad Amir Khan, Nadeem A Khan, Sasan Zahmatkesh	Zinc Oxide Nanoparticles Adsorb Emerging Pollutants (Glyphosate Pesticide) from Aqueous Solutions	Environmental Monitoring and Assessment, Springer	Vol. 195, ISSN: 1573-2959 , Year: 2023	SCIE	3	CE	2022-23	https://doi.org/10.1007/s10661-023-11255-0.
30	Eddy, Nnabuk Okon, Anduang Ofuo Odiongenyi, Rajni Garg, Richard Alexis Ukpe, Rishav Garg, Ahmed El Nemr, Comfort Michael Ngwu, and Imeh Jospeh Okop	Quantum and Experimental Investigation of the Application of Crassostrea Gasar (Mangrove Oyster) Shell–Based CaO Nanoparticles as Adsorbent and Photocatalyst for the Removal of Procaine Penicillin from Aqueous Solution	Environmental Science and Pollution Research, Springer	Vol. 30, ISSN: 1614-7498, Page No. 64036–64057 , Year: 2023	SCIE	5.8	CE	2022-23	https://doi.org/10.1007/s11356-023-26868-8
31	Garg, Rishav, Rajni Garg, Nnabuk Okon Eddy, Mohd Amir Khan, Afzal Husain Khan, Thamer Alomayri, and Parveen Berwal	Mechanical Strength and Durability Analysis of Mortars Prepared with Fly Ash and Nano-Metakaolin	Case Studies in Construction Materials, Elsevier	Vol. 8, ISSN: 2214-5095, Year: 2023	SCIE	6.2	CE	2022-23	https://doi.org/10.1016/j.cscm.2022.e01796
32	Garg, Rajni, Rishav Garg, Mika Sillanpää, Alimuddin, Mohammad Amir Khan, Nabisab Mujawar Mubarak, and Yie Hua Tan	Rapid Adsorptive Removal of Chromium from Wastewater Using Walnut-Derived Biosorbents	Scientific Reports, Springer Nature	Vol. 13, ISSN: 2045-2322, Year: 2023	SCIE	4.6	CE	2022-23	https://doi.org/10.1038/s41598-023-33843-3
33	Rishav Garg, Rajni Garg, Md. Amir Khan, Manjeet Bansal and Vinod Garg	Utilization of biosynthesized silica-supported iron oxide nanocomposites for the adsorptive removal of heavy metal ions from aqueous solutions	Environmental Science and Pollution Research, Springer	Vol. 30, ISSN: 1614-7498, Page No. 81319–81332 , Year: 2023	SCIE	5.8	CE	2022-23	https://doi.org/10.1007/s11356-022-21111-2
34	Rishav Garg, Rajni Garg, Nnabuk Okon Eddy	Microbial Induced Calcite Precipitation for Self-Healing of Concrete: A Review	Journal of Sustainable Cement-Based Materials, Taylor and Francis	Vol. 12, Issue: 3, ISSN: 1614-7498, Page No. 317-330, Year: 2023	SCIE	4.4	CE	2022-23	https://doi.org/10.1080/21650373.2022.2054477

35	Nnabuk Okon Eddy, Richard Alexis Ukpe, Paul Ameh, Rapheal Ogbodo, Rajni Garg & Rishav Garg	Theoretical and experimental studies on photocatalytic removal of methylene blue (MetB) from aqueous solution using oyster shell synthesized CaO nanoparticles (CaONPO)	Environmental Science and Pollution Research, Springer	Vol. 30, ISSN: 1614-7498, Page No.81417–81432, Year: 2023	SCIE	5.8	CE	2022-23	https://doi.org/10.1007/s11356-022-22747-w
36	Savita Rani, Seema Sharma, Manjeet Bansal, Rishav Garg and Rajni Garg	Enhanced Zn(II) adsorption by chemically modified sawdust based biosorbents	Environmental Science and Pollution Research, Springer	ISSN: 1614-7498, Year: 2022	SCIE	5.8	CE	2022-23	https://doi.org/10.1007/s11356-022-22963-4
37	Zende AA, Momin AI, Khadiranaikar RB, Alsabhan AH, Alam S, Khan MA, Qamar MO	Mechanical Properties of High-Strength Self-Compacting Concrete	ACS Omega		SCIE	4.1	CE	2022-23	https://doi.org/10.1021/acsomega.3c01204
38	Momin AI, Zende AA, Khadiranaikar RB, Alsabhan AH, Alam S, Khan MA, Qamar MO.	Investigating the Flexural Behavior of a Two-Span High-Performance Concrete Beam Using Experimentally Derived Stress Block Parameters	ACS Omega		SCIE	4.1	CE	2022-23	https://pubs.acs.org/doi/10.1021/acsomega.3c01197
39	Verma D, Berwal P, Khan MA, Alharbi RS, Alfaisal FM, Rathnayake U.	Design for the Prediction of Peak Outflow of Embankment Breaching Due to Overtopping by Regression Technique and Modelling	Water	15(6)	SCIE	3.4	CE	2022-23	https://doi.org/10.3390/w15061224
40	Tao H, Al-Sulttani AH, Salih SQ, Mohammed MK, Khan MA, Beyaztas BH, Ali M, Elsayed S, Shahid S, Yaseen ZM.	Development of high-resolution gridded data for water availability identification through GRACE data downscaling: Development of machine learning models.	Atmospheric Research	291	SCIE	5.5	CE	2022-23	https://doi.org/10.1016/j.atmosres.2023.106815
41	Haribabu A, Surakasi R, Thimothy P, Khan MA, Khan NA, Zahmatkesh S.	Haribabu A, Surakasi R, Thimothy P, Khan MA, Khan NA, Zahmatkesh S.	Scientific reports.	13(1)	SCIE	4.6	CE	2022-23	https://www.nature.com/articles/s41598-023-29349-7
42	Meshram S, Raut SP, Ansari K, Madurwar M, Daniyal M, Khan MA, Katare V, Khan AH, Khan NA, Hasan MA.	Waste slags as sustainable construction materials: a compressive review on physico mechanical properties	Journal of Materials Research and Technology	Volume 23, March–April 2023, Pages 5821-5845	SCIE	6.4	CE	2022-23	https://doi.org/10.1016/j.jmrt.2023.02.176
43	Alfaisal FM, Alam S, Alharbi RS, Kaur K, Khan MA, Athar MF, Rahin SA.	Application of an Optimization Model for Water Supply Chain Using Storage Reservoir Operation for Efficient Irrigation System	Discrete Dynamics in Nature and Society		SCIE	1.4	CE	2022-23	https://doi.org/10.1155/2023/7932653
44	Warade H, Ansari K, Bhaskar K, Naaz Z, Khan MA, Khan NA, Zahmatkesh S, Hajiaghaei-Keshteli M.	Optimizing the grass bio methanation in lab scale reactor utilizing response surface methodology	Biofuels	14(7)	SCIE	2.1	CE	2022-23	https://doi.org/10.1080/17597269.2023.2170034
45	Aldrees A, Hasan MS, Rai AK, Akhtar MN, Khan MA, Saif MM, Ahmad N, Islam S.	On the Precipitation Trends in Global Major Metropolitan Cities under Extreme Climatic Conditions: An Analysis of Shifting Patterns	Water	15(3)	SCIE	3.4	CE	2022-23	https://doi.org/10.3390/w15030383
46	Hasan MS, Saif MM, Ahmad N, Rai AK, Khan MA, Aldrees A, Khan WA, Mohammed MK, Yaseen ZM.	Spatiotemporal Analysis of Future Trends in Terrestrial Water Storage Anomalies at Different Climatic Zones of India Using GRACE/GRACE-FO	Sustainability	15(2)	SCIE	3.9	CE	2022-23	https://doi.org/10.3390/su15021572

47	Santhosh N, Praveena BA, Jain R, Hasan MA, Islam S, Khan MA, Razak A, Daniyal M	Analysis of friction and wear of aluminium AA 5083/WC composites for building applications using advanced machine learning models.	Ain Shams Engineering Journal	14(9)	SCIE	6	CE	2022-23	https://doi.org/10.1016/j.asej.2022.102090
48	Butt OM, Ahmad MS, Lun TK, Che HS, Fayaz H, Abd Rahim N, Koziol KK, Radwan N, Khan MA, Khan NA, Singh L.	A comparative study based on performance and techno-economic analysis of different strategies for PV-Electrolyzer (green) hydrogen fueling incinerator system	Waste Management	156(1)	SCIE	8.1	CE	2022-23	https://doi.org/10.1016/j.wasman.2022.11.016
49	Alharbi RS, Nath S, Faizan OM, Hasan MS, Alam S, Khan MA, Bakshi S, Sahana M, Saif MM.	Assessment of Drought vulnerability through an integrated approach using AHP and Geoinformatics in the Kangsabati River Basin	Journal of King Saud University-Science	34(8)	SCIE	3.8	CE	2022-23	https://doi.org/10.1016/j.jksus.2022.102332
50	Niranjan Sahoo, Anil Kumar, Samsher Samshe	Review on energy conservation and emission reduction approaches for cement industry	ENVIRONMENTAL DEVELOPMENT	44, DEC 2022	SCIE	5.4	CE	2022-23	https://doi.org/10.1016/j.envdev.2022.100767
51	KN Singh, OP Singh, AK Singh, AK Agrawal	EiMOL: A Secure Medical Image Encryption Algorithm based on Optimization and the Lorenz System	ACM Transactions on Multimedia, Computing, Communications, and Application	2022	SCIE	4.15	CSE	2022-23	https://doi.org/10.1145/3561513
52	D Mahapatra, P Amrit, OP Singh, AK Singh, AK Agrawal	Autoencoder-CNN based embedding and extraction model for Image watermarking	Journal of Electronic Imaging	32 (02), 2022	SCIE	1.05	CSE	2022-23	https://doi.org/10.1117/1.jei.32.2.021604
53	KN Singh, OP Singh, AK Singh, AK Agrawal	WatMIF: Multimodal Medical Image Fusion-Based Watermarking for Telehealth Applications	Journal of Cognitive Computation	2022	SCIE	5.418	CSE	2022-23	https://doi.org/10.1007/s12559-022-10040-4
54	OP Singh, AK Singh, A Agrawal, H Zhou	SecDH: Security of COVID-19 images based on data hiding with PCA	Computer Communications	191, 2022, 368-377	SCIE	3.16	CSE	2022-23	https://doi.org/10.1016/j.comcom.2022.05.010
55	Vijay Shanker Chaudhary, D. Kumar, B P Pandey and S. Kumar	Au-TiO2 Coated Photonic Crystal Fiber based SPR Refractometric Sensor for Detection of Cancerous Cells	IEEE Transactions on NanoBioscience	Print ISSN: 1536-1241, 2022 Online ISSN: 1558-2639, 2022	SCIE	3.206	CSE	2022-23	DOI: 10.1109/TNB.2022.3219104
56	Vijay Shanker Chaudhary, D. Kumar and S. Kumar	Advances in Photonic Crystal Fiber-Based Sensor for Detection of Physical and Biochemical Parameters—A Review	IEEE SENSORS JOURNAL	23,Print ISSN: 1530-437X Electronic ISSN: 1558-1748 , 1012-1023,2023	SCIE	4.325	CSE	2022-23	DOI: 10.1109/JSEN.2022.3222969
57	Vijay Shanker Chaudhary	Numerical Study of Surface Plasmon Resonance Biosensor Using Aluminium Oxide and Bismuth Telluride Nanomaterials for Skin Cancer Cell Detection	Journal of Nanoelectronics and Optoelectronics	17, ISSN 1555-130X (Print); ISSN 1555-1318 (Online), 1655–1658,2022	SCIE	1.069	CSE	2022-23	DOI: https://doi.org/10.1166/jno.2022.3358

58	Krishna, Ram, Agbotiname Lucky Imoize, Rajveer Singh Yaduvanshi, Harendra Singh, Arun Kumar Rana	Analysis of Multi-stacked Dielectric Resonator Antenna with its Equivalent R-L-C Circuit Modeling for Wireless Communication Systems Accepted, Mathematical and Computational Applications	MCA, MDPI		SCIE	2.003	CSE	2022-23	https://doi.org/10.3390/mca28010004
59	Ashima, Umesh Kumar Lilhore, Jaroslav Frnda, Jasminder Kaur Sandhu, Nitin Goyal, Arun Kumar, Kamalakanta Muduli	ProRE: An ACO- based Programmer Recommendation Model to Precisely Manage Software Bugs	Journal of King Saud University		SCI	9.001	CSE	2022-23	https://doi.org/10.1016/j.jksuci.2022.12.017
60	Arun Kumar, Schin Dhawan, Kashif	High Quality Steganography Technique Using Image Encryption & Machine Learning,	CMC-Computers, Materials & Continua		SCI	4.001	CSE	2022-23	Accepted, APC in Processing
61	Arun Kumar, Nitin Goyal, KAshif	MRNQ: A Machine Learning-based algorithm for Reliable communication in Underwater Acoustic Sensor Networks	International Journal of Distributed Sensor Networks		SCI	3.006	CSE	2022-23	Accepted, APC in Processing
62	Dr. Rajesh Kumar	Design of an RF output Class JJ 1 Doherty power amplifier using post-matching varactor diodes for configurable IoT transmitters	Int J Circ Theor Appl		SCI	2.378	CSE	2022-23	https://doi.org/10.1002/cta.3507
63	Dr. Yash Veer Singh	Local-Moment-Driven Robust Reversible Data Hiding	MDPI (Applied Sciences)		SCI	2.736	CSE	2022-23	https://doi.org/10.3390/app122211826
64	Dr. Maksud Alam	A High-Gain Dual-Band Superstates Enabled Antenna for 5G-mm Wave Applications	Progress In Electromagnetics Research C, Vol. 126, 125-142, 2022	126, 125-142,2022	SCI	1.4	CSE	2022-23	doi:10.2528/PIERC22092807
65	Renu Mishra, Inderpreet Kaur, Santosh Sahu, Sandeep Saxena, Nitima Malsa, Mamta Narwaria	Establishing three layer architecture to improve interoperability in Medicare using smart and strategicAP integration	Software X ,Elsveir	2023	SCI		CSE	2022-23	DOI:https://doi.org/10.1016/j.softx.2023.101376
66	Anupam, Pramod Kumar Bhatt, Joanna Rosak-Szyrocka, Kamalakanta Muduli, Ladislav Pilař, Amandeep Kaur, Nidhi Chahal, and Arun Kumar Rana	Apple leave disease detection using collaborative ml/dl and artificial intelligence methods: Scientometric analysis	International journal of environmental research and public health	20	SCI	9.1	CSE	2022-23	
67	Bharat, Avinash Kumar, Ambuj Kumar Agarwal, Amit Kumar, Pronaya Bhattacharya, and Arun Kumar	Towards a Secure and Sustainable Internet of Medical Things (IoMT): Requirements, Design Challenges, Security Techniques, and Future Trends	sustainability	15	SCI	4	CSE	2022-23	https://doi.org/10.3390/su15076177
68	Dr. Sachi Gupta	Multiprocessor task scheduling using multi-objective hybrid genetic Algorithm in Fog–cloud computing	Knowledge-Based Systems	2.72111E+12	SCIE	8.139	CSE	2022-23	https://doi.org/10.1016/j.knosys.2023.110563
69	Mamta Narwaria	Establishing three layer architecture to improve interoperability in Medicare using smart and strategicAP integration	Software X ,Elsveir	22,ISSN 2352-7110,101376,,2023	SCI		CSE	2022-23	

70	Sonal Gupta, Shilpee Patil, Chhaya Dalela, and Binod Kumar Kanaujia	IMPROVED ENVIRONMENTAL PERFORMANCE	ELECTROMAGNETICS, Taylor & Francis	VOL. 42, NO. 7, 485–497, 2022	SCI	1.042	ECE	2022-23	https://doi.org/10.1080/02726343.2022.2154466
71	Ranjana Kumari,Vinay Tomar,Ankit Sharma	Miniaturization and performance enhancement of super wide band four element MIMO antenna using DNG metamaterial for THz applications	Optical and Quantum Electronics	Volume 54, issue 9, September 2022	SCI	3	ECE	2022-23	DOI: 10.1007/s11082-022-04011-0
72	S. Pratap Singh, Suman Yadav, Rajneesh Kumar Singh,	Secrecy capacity of diffusive molecular communication under different deployments	EEE Access	10 (2022): 21670-21683	SCI	3.4	ECE	2022-23	https://doi.org/10.1109/ACCESS.2022.3152605
73	S. Pratap Singh, Shekhar Singh, Amit Kumar, Ashish Pandey	Generic MGF-based tight approximation for the error rate analysis.	International Journal of Communication Systems	35, no. 9 (2022): e5127	SCI	2.1	ECE	2022-23	https://doi.org/10.1002/dac.5127
74	Agarwal, Ruchi, Sushrut Das, and Ram Lal Yadava	A miniaturized mm-wave leaky wave antenna based on CRLH slow-wave SIW for symmetric wide angle beam scanning	International Journal of RF and Microwave Computer-Aided Engineering	32.10 (2022): e23292	SCI	1.31	ECE	2022-23	https://doi.org/10.1002/mmce.23292
75	Shahida Khatoon, Ibraheem, Mohammad Shahid, Gulshan Sharma, Emre C ̧elik, Erdal Bekiroglu, Mohammad Faraz Ahmer, and Priti	Near Real-Time Load Forecasting of Power System Using Fuzzy Time Series, Artificial Neural Networks, and Wavelet Transform Models	Electric Power Components and Systems, Taylor & Francis Group	1–15, 2023	SCIE	1.5	EE	2022-23	https://doi.org/10.1080/15325008.2023.2235586
76	Ramu Srikakulapu, Vivekanandan Subburaj, S. Sujith, Mohammad Shahid, Javed Khan Bhutto, G. Charan kumar, Abhishek Dasore, Abdul Razak, C. Ahamed Saleel	Modelling farm-based electric vehicles on charging systems for power distribution networks with dynamic grid interactions	Ain Shams Engineering Journal, Elsevier	Volume 14, Issue 8, August 2023	SCIE	6	EE	2022-23	https://doi.org/10.1016/j.asej.2022.102046
77	Md Danish Equbal, M.M. Nezami, H. Hashem, M. Bajaj, T. Khurshaid, S. S. M. Ghoneim and S. Kamel	IOT based Classification of Transformer Faults using Emerging Techniques of E-Nose and ANFIS	Frontiers in Energy Research - Process and Energy Systems Engineering	Vol. 10, pp. 1-15, 2022	SCIE	3.4	EE	2022-23	https://doi.org/10.3389/fenrg.2022.1020040
78	Preeti Gupta, Vidya Sagar Gupta, Sachin Tripathi, Samayveer Singh	MPPT-EPO: Optimized Solar Energy Harvesting to Maximize the WSN Lifetime	Peer-to-Peer Netw. Appl	Vol 16, pages347–357 (2023)	SCIE	4.2	EE	2022-23	https://doi.org/10.1007/s12083-022-01405-5.
79	Sujata Pandey a, Saket Kumar a, Vipul Bhatnagar a, Richa Sharma a, D. Baba basha b, Preeti Dhiman c	A low leakage substrate bias-assisted technique for low voltage dual bit-line SRAM	Computers and Electrical Engineering, 102, 108216, 2022	2022	SCIE		EE	2022-23	https://doi.org/10.1016/j.compeleceng.2022.108216
80	ArunprasadGovindharaj, AnithaMariappan, Ambikapathy Aladiyan, Hassan HaesAlhelou	Real-time implementation of adaptive neural backstepping controller for battery-less solar-powered PMDC motor	IET power electronics	Vol 16/ issue 1/ Jan 2023	SCIE	2.112	EEE	2022-2023	https://doi.org/10.1049/pel2.12369

81	Ravendra Singh; PrithvirajSarkar; VibhuGoswami; Rajan Yadav	Review of Low cost Micro Remotely Operated Underwater Vehicle	Ocean Engineering, Elsevier	vol.266(2), ISSN 0029-8018, pp.1-10,2022	SCIE	5	EEE	2022-23	https://doi.org/10.1016/j.oceaneng.2022.112796
82	Shahroz Anjum , MohdAlamgir Khan , Kapil Deo Bodha , Divya Ahluwalia	Modeling and experimental validation of matrix structure photovoltaic array reconfiguration technique to harvest maximum power under continuous dynamic shading condition	Optik		SCIE	3.1	EEE	2022-23	https://www.sciencedirect.com/science/article/abs/
83	Pragati Hemrajani; Rajni; Dr. Muskan Khan; Rahul Dhiman	Financial risk tolerance: A review and research agenda	Elsevier	Ahead of printing	SSCI; SCOPUS; ABDC-B	7.5	MBA	2022-23	https://doi.org/10.1016/j.emj.2023.10.004
84	Dhruv Galgotia; Dr. N. Lakshmi	Development of IOT-based methodology for the execution of knowledge management using artificial intelligence in higher education system	Soft Computing, Springer publishing	Vol. 1, Isuue no.10, 2023	SCI & SCOPUS	4.1	MBA	2022-23	https://doi.org/10.1007/s00500-023-08488-z
85	Dewangan A., Yadav A.K., Mallick A.,	Combined Effect of Operating Parameters and Nano Particles on Performance of a Diesel Engine: Response Surface Methodology coupled Genetic algorithm Approach	ACS Omega	,,,-,2023	SCIE	4.1	ME	2022-23	https://doi.org/10.1021/acsomega.3c02782 in ACS Omega
86	Kumar A, Singh R.C., Chaudhary R., Singh V.P.	The utilisation of coconut shell ash in production of hybrid composite: Microstructural characterisation and performance analysis	Journal of cleaner production	398,,,-,2023	SCIE	11.1	ME	2022-23	https://doi.org/10.1016/j.jclepro.2023.136494
87	Y Shrivastava, PK Shrivastava, D Nandan	Signal Processing Algorithms Like Ensemble Empirical Mode Decomposition and Statistical Analysis-Based Tool Chatter Severity Prediction.	Traitement du Signal	4,,,-,2022	SCIE	2.2	ME	2022-23	https://www.iieta.org/journals/ts/paper/10.18280/ts.390414
88	Kumar A, Singh R.C., Chaudhary R., Singh V.P.	Investigation of Microstructure and Several Quality	Journal of Materials Engineering and Performance	,,,-,2022	SCIE	2.3	ME	2022-23	https://doi.org/10.1007/s11665-022-07780-7
89	Gupta P, Singh B, Shrivastava Y	Comparison of Signal Processing Techniques for Prediction of Optimal Process Variables to Yield Higher Productivity During Turning on CNC lathe	Indian Journal of Engineering and Materials Sciences (IJEMS), CSIR	30,,,-,2023	SCIE	-	ME	2022-23	https://doi.org/10.56042/ijems.v1i1.48945
90	Dewangan, A., Mallick, A., Yadav, A. K., Islam, S., Saleel, C. A., Shaik, S., & Ağbulut, Ü.	Production of oxy-hydrogen gas and the impact of its usability on CI engine combustion, performance, and emission behaviors	Energy	278, 127937, 0360-5442, 2023	SCIE	7.147	ME	2022-23	https://doi.org/10.1016/j.energy.2023.127937
91	Dewangan, A., Mallick, A., Yadav, A. K., Ahmad, A., Alqahtani, D., Islam, S.	Combined Effect of Operating Parameters and Nano Particles on Performance of a Diesel Engine: Response Surface Methodology coupled Genetic algorithm Approach	ACS Omega	8, 27, 24701343, 24586-24600, 2023	SCIE	4.1	ME	2022-23	https://doi.org/10.1021/acsomega.3c02782 in ACS Omega