

Galgotias University (Campus-1)

Journal Paper (2021-22)

S.No.	Author(s)	Title	Journal and Publisher Name	Volume, Issue, ISSN, Page No, Year of Publication	Indexing (SCIE/ SSCI/ AHCI/ESC I/ Scopus)	Impact Factor	Department	DOI
1	Nikhil Kumar, Tanmay Rom, Bidyut Mallick, Rahul Kaushik, Amrita Ghosh, PD Babu, Swarup K Panda, Avijit Kumar Paul	Antiferromagnetically coupled double perovskite as an efficient and robust catalyst for visible light driven water splitting at neutral pH	Physical Chemistry Chemical Physics, Royal Society of Chemistry	24, 8, 1463-9084, 50833-3093, 2022	SCIE	3.33	AS&H	https://doi.org/10.1039/D1CP04082K
2	Chiranjib Chakraborty, Ashish Ranjan Sharma, Manojit Bhattacharya, Bidyut Mallik, Shyam Sundar Nandi, Sang-Soo Lee	Comparative genomics, evolutionary epidemiology, and RBD-hACE2 receptor binding pattern in B.1.1.7 (Alpha) and B.1.617.2 (Delta) related to their pandemic response in UK and India	Infection, Genetics and Evolution, Elsevier	101, 1567-7257, 105282: 1-19, 2022	SCIE	4.4	AS&H	https://doi.org/10.1016/j.meegid.2022.105282
3	Manojit Bhattacharya, Ashish Ranjan Sharma, Bidyut Mallick, Sang-Soo Lee, Eun-Min Seo, Chiranjib Chakraborty	B.1.1.7 (Alpha) variant is the most antigenic compared to Wuhan strain, B.1.351, B.1.1.28/triple mutant and B.1.429 variants	Frontiers in Microbiology, Frontiers	13, 1664-302X, 895695: 1-21, 2022	SCOPUS	5.2	AS&H	https://doi.org/10.3389/fmicb.2022.895695
4	Manojit Bhattacharya, Ashish Ranjan Sharma, Pratik Ghosh, Prasanta Patra, Bidyut Mallick, Bidhan Chandra Patra, Sang-Soo Lee, Chiranjib Chakraborty	TN strain proteome mediated therapeutic target mapping and multi-epitopic peptide-based vaccine development for Mycobacterium leprae	Infection, Genetics and Evolution, Elsevier	99, 1567-7257, 105245: 1-16, 2022	SCIE	4.4	AS&H	https://doi.org/10.1016/j.meegid.2022.105245
5	Mohammad Mahfuz Ali Khan Shawan, Ashish Ranjan Sharma, Manojit Bhattacharya, Bidyut Mallik, Farhana Akhter, Md Salman Shakil, Md Mozammel Hossain, Subrata Banik, Sang-Soo Lee, Md Ashrafal Hasan, Chiranjib Chakraborty	Designing an effective therapeutic siRNA to silence RdRp gene of SARS-CoV-2	Infection, Genetics and Evolution, Elsevier	93, 1567-7257, 104951: 1-14, 2021	SCIE	4.4	AS&H	https://doi.org/10.1016/j.meegid.2021.104951
6	A K Yadav, A Yadav, M Singh, Rajendra Prasad, N Ahamad and K P Singh	Constraining a bulk viscous Bianchi type I dark energy dominated Universe with recent observational data	Physical Review D, The American Physical Society (APS).	104,064044 ,1550-7998 ,1-13(2021)	SCIE	5.407	AS&H	https://doi.org/10.1103/PhysRevD.104.064044

7	Dr. Preeti Singh Bahadur Dr. Smriti Dwivedi and Ruchira Srivastava	Thrust Investigation on Nanotechnology in Structural Building”	International Journal of Application or Innovation in Engineering & Management	11,4,39-46	no	7.95	AS&H	https://drive.google.com/file/d/1SIZUjrxot8_HsJRpCB5OGtO_5vED5nW/view?usp=drive
8	Aditya Tiwari, Gargi Tiwari, Rajendra Prasad, Dipendra Sharma	Electro-optical, electronic and conformational transitions of interstellar alkyl molecules at different temperatures: An ab-initio study	Current Research in Green and Sustainable Chemistry, Elsevier	5, 100235 ,2666-0865, 2022	Scopus	No	AS&H	https://doi.org/10.1016/j.crgsc.2021.100235
9	V.K. Chopra, R. K. Mishra, V. K. Dwivedi, B. Mohapatra	Mathematical modeling of semitransparent photovoltaic thermal (SPVT) system with different packing factors: An experimental validation	Journal of Thermal Engineering, Yildiz Technical University	8, 2, 2148-7847, 299-309, 2022	ESCI	1.1	AS&H	https://doi.org/10.18186/thermal.1086255
10	Dey, Kakoli and Shobha Satyanath	‘Colonization, Migration and New Dialect Formation’	WE-A Multidisciplinary & Multilingual Peer Reviewed Research Journal. Faculty of Art, University of Delhi.	e-ISSN: 2583-2298, VOL 2: 1, Pg 65-78	NO	NO	AS&HUM	https://www.wejournal.net/_files/ugd/cb84fd_452eabd66aa749c684065dff1ca68e46.pdf
11	Dr Sangeeta Mishra	“Embodying Culture and Nature: A Study of Mithila Paintings	International Journal of Research Culture Society	An UGC Approved Journal Volume 5, Issue 3, March 2021, ISSN: 2456-6683	NO	NO	AS&HUM	DOIs:10.2017/IJRCS.2456.6683/202103011
12	Aditee Sharma, Vishlesh Singh	A Nomadic Woman’s Journey Towards Liberation: A Study of Anukriti Upadhyay’s Bhaunri	Juni Khyat Journal	Vol-10 Issue-6 ISSN-2278-4632 Page No. 251-258 8 June 2020	NO	NO	AS&HUM	https://junikhayatjournal.com/no_8_jun_20/27.pdf
13	Rajni Garg, Priya Rani, Rishav Garg, Mohammad Amir Khan, Nadeem Ahmad Khan, Afzal Husain Khan, Juliana Heloisa Pinê Américo-Pinheiro	Biomedical and Catalytic Applications of Biosynthesized Silver Nanoparticles	Environmental Pollution, Elsevier	Vol. 310, ISSN: 1873-6424, article No. 119830, 2022	SCIE	8.9	CE	https://doi.org/10.1016/j.envpol.2022.119830

14	Rishav Garg, Rajni Garg and Nnabuk Okon Eddy	Influence of Pozzolans on Properties of Cementitious Materials: A Review	Advances in Nano Research: Techno press journals	Volume 11, Issue 4, ISSN: 1743-2782, Page No. 423-436, 2021	SCIE	5.7	CE	https://doi.org/10.12989/anr.2021.11.4.423
15	Rajni Garg, Priya Rani, Rishav Garg, Nnabuk Okon Eddy	Study on potential applications and toxicity analysis of green synthesized nanoparticles	Turkish Journal of Chemistry, Tubitak Academic Journals	Vol. 45, Issue 6, ISSN: 1303-6130, Page No. 1690-1706, 2021	SCIE	1.4	CE	https://doi.org/10.3906/ki-m-2106-59
16	Rishav Garg, Rajni Garg, Manjeet Bansal, V K Garg, Diwan Singh	Sequestration of heavy metal ions from multi-metal simulated wastewater systems using processed agricultural biomass	Chemosphere : Elsevier	Vol. 296, ISSN: 1879-1298, Article 133966, 2022	SCIE	8.8	CE	https://doi.org/10.1016/j.chemosphere.2022.133966
17	Mohammad Amir Khan, Nayan Sharma, Giuseppe Francesco Cesare Lama, Murtaza Hasan, Rishav Garg, Gianluigi Busico, Raied Saad Alharbi	Three-Dimensional Hole Size (3DHS) Approach for Water Flow Turbulence Analysis over Emerging Sand Bars: Flume-Scale Experiments	Water, MDPI	Vol. 14, Issue 12, ISSN: 2073-4441, Page no. 1889, year: 2022	SCIE	3.4	CE	https://doi.org/10.3390/w14121889
18	Nnabuk Okon Eddy, Udo John Ibok, Rajni Garg, Rishav Garg, Amjad Iqbal, Muhammad Amin, Faisal Mustafa, Mehmet Egilmez, Ahmed M Galal	A Brief Review on Fruit and Vegetable Extracts as Corrosion Inhibitors in Acidic Environments	Molecules, MDPI	Vol. 27, Issue 9, ISSN: 2073-4441, Page no. 2991, year: 2022	SCIE	4.6	CE	https://doi.org/10.3390/molecules27092991
19	Rishav Garg, Rajni Garg, Nnabuk Okon Eddy, Abdulaziz Ibrahim Almohana, Sattam Fahad Almojil, Mohammad Amir Khan, Seung Ho Hong	Biosynthesized silica-based zinc oxide nanocomposites for the sequestration of heavy metal ions from aqueous solutions	Journal of King Saud University - Science, Elsevier	Volume 34, Issue 4, ISSN: 2213-686X, Article No. 101996, year :2022	SCIE	3.8	CE	https://doi.org/10.1016/j.jksus.2022.101996
20	Nnabuk Okon Eddy, Rajni Garg, Rishav Garg, Augustine O Aikoye, Benedict I Ita	Waste to resource recovery: Mesoporous adsorbent from Orange Peel for the removal of Trypan Blue dye from aqueous solution	<u>Biomass Conversion and Biorefinery, Springer</u>	ISSN: 2190-6823, Year: 2022	SCIE	4	CE	https://doi.org/10.1007/s13399-022-02571-5

21	amir M, Ahmad Z, Pandey M, Khan MA, Aldrees A, Mohamed A	The effect of rough rigid apron on scour downstream of sluice gates	Water	14(14)	SCIE	3.4	CE	https://doi.org/10.3390/w14142223
22	Pandey M, Pu JH, Pourshahbaz H, Khan MA.	Reduction of scour around circular piers using collars	Journal of Flood Risk Management		SCIE	4.1	CE	https://doi.org/10.1111/jfr.3.12812
23	Hasan MS, Rai AK, Ahmad Z, Alfaisal FM, Khan MA, Alam S, Sahana M.	Hydrometeorological consequences on the water balance in the ganga river system under changing climatic conditions using land surface model	Journal of King Saud University-Science	34(5)	SCIE	3.8	CE	https://doi.org/10.1016/j.jksus.2022.102065
24	Mohammad Amir Khan, Rishav Garg et al. 2022.	Adsorption of Indigo Carmine Dye by Acacia Nilotica Sawdust Activated Carbon in Fixed Bed Column	Scientific Reports	12	SCIE	4.996	CE	https://www.nature.com/articles/s41598-022-19595-6
25	Arun Kumar , Parveen Berwal, Amir khan , Akash malik	Impact of Crumb Rubber Concentration and Plastic-Coated Aggregates on the Rheological Performances of Modified Bitumen Asphalt	Sustainability	14(7)	SCIE	3.9	CE	10.3390/su14073907.
26	S. K. Singh Pankaj Kumar, Renuka Sharma	Predictive Analysis of Real-Time Strategy using Face book's Prophet Model on Covid-19 Dataset of India	Journal of Pharmaceutical Research International,	Volume: 33, Issue: 51A, Issue: 51A, Pages: 305-312, 2021	EBSCO	0.06	CSE	10.9734/jpri/2021/v33i51A33496
27	Durgadevi, P., Vijayalakshmi, S., & Sabharwal, M. (2021).	Fetal Brain Abnormality Detection through PSO (Particle Swarm Optimization) and Volume Estimation.	International Journal, Annals of the Romanian Society for Cell Biology	Volume 25, Issue 3, 2700-2714, 2021	SCOPUS	NA	CSE	http://www.annalsofscb.ro/index.php/journal/article/view/1738

28	Laxmi Chaudhary,Buddha Singh	Community detection using unsupervised machine learning techniques on COVID-19 dataset	International Journal, Social Network Analysis and Mining,	Volume 11,Issue 28, 1-9, march 2021 ISSN:1869-5450 / 1869-5469	ESCI	2.7	CSE	10.1007/s13278-021-00734-2
29	Laxmi Chaudhary,Buddha Singh	MRI De-noising using Improved Unbiased NLM Filter	International Journal of Information Technology,	Volume 13,Issue 6,1711-1719, 2021			CSE	not seen
30	Laxmi Chaudhary,Buddha Singh	Autoencoder Model Using Edge Enhancement to Detect Communities in Complex Networks	Arabian Journal for Science and Engineering	Volume 47,Issue 3,3929 - 3944,2022	SCIE	2.7	CSE	https://link.springer.com/article/10.1007/s13369-022-06747-z

31	Mayank Dixit, Kuldeep Chaurasia, Vipul Kumar Mishra, Dilbag Singh, Heung-No Lee	6+: A Novel Approach for Building Extraction from a Medium Resolution Multi-Spectral Satellite	Journal MDPI Sustainability,	vol 14, issue 3, 1615, 2022	SCIE	4	CSE	https://doi.org/10.3390/su14031615
32	Mayank Dixit, Kuldeep Chaurasia, Vipul Kumar Mishra	Dilated-ResU-net: A novel deep learning architecture for building extraction from medium resolution multi-spectral satellite imagery	Expert Systems with Applications	, vol 184, 115530, 2021, Online ISSN: 1873-6793Print ISSN: 0957-4174	SCIE	8.5	CSE	https://doi.org/10.1016/j.eswa.2021.115530
33	Hariharan, U., Rajkumar, K., Akilan, T., & Ponmalar	A Multi-hop Protocol using Advanced Multi-hop Dijkstras Algorithm and Tree Based Remote Vector for Wireless Sensor Network	Journal of Ambient Intelligence and Humanized Computing	2023, 6877–6895	SCOPUS	NA	CSE	https://link.springer.com/article/10.1007/s12652-021-03548-4
34	Akilan, T., Laxmi Raja, Udhayakumar Hariharan	Research on the Effectiveness of Noise Reduction when Encoding a Lossless Speech Signal	Scientific and Technical Journal of Information Technologies, Mechanics and Optics	Vol 2, 254-261	SCOPUS	NA	CSE	10.17586/2226-1494-2022-22-2-254-261
35	H.Bansal, Kavita Sharma, M.Khari	Crowd Analytics: Literature and Technological Assessment.	Multimedia Tools and Applications, Springer	15249–15283 (2022)	SCIE	3.1	CSE	https://link.springer.com/article/10.1007/s11042-022-12274-8
36	S. Sahu, A. Anand, A. K. Singh, A. K. Agrawal & M. P. Singh	MRI De-noising using Improved Unbiased NLM Filter	Journal of Ambient Intelligence and Humanized Computing,	2023, 6877–6895	SCOPUS	NA	CSE	https://link.springer.com/article/10.1007/s12652-021-03681-0
37	N Sharma, A Anand, A K Singh, A K Agrawal	Optimization based ECG watermarking in RDWT-SVD domain	Multimedia Tools and Applications, Springer	82, pages5031–5047 (2023)	SCIE	3.1	CSE	https://link.springer.com/article/10.1007/s11042-021-11519-2

38	Dr. Vinit Kumar	Deep Learning Algorithms in EEG Signal Decoding Application: A Review	IEEE Access	Vol.9,125778 - 125786	SCIE	3.9	CSE	10.1109/ACCESS.2021.3105917
39	S. Roselin Mary, Vinit Kumar, K. J. Prasanna Venkatesan, R. Satish Kumar, Naga Padmaja Jagini & Amedapu Srinivas	Vulture-Based AdaBoost-Feedforward Neural Frame Work for COVID-19 Prediction and Severity Analysis System	Interdisciplinary Sciences: Computational Life Sciences, Springer	14, 582–595 (2022)ISSN / eISSN: 1913-2751 / 1867-1462	SCIE	3.1	CSE	10.1007/s12539-022-00505-3
40	Rishabh Jain	Performance Investigation of a High Data Rate Mode Division Multiplexed-Free Space Optics Link Under Harsh Weather Conditions	Frontiers in Physics, frontiers	Vol.9, 2021	SCIE	3.1	CSE	https://www.frontiersin.org/articles/10.3389/fphy.2021.743545/full
41	P. Durgadevi, S.Vijayalakshmi, Munish Sabharwa	Fetal Brain Abnormality Detection through PSO (Particle Swarm Optimization) and Volume Estimation	Annals of the Romanian Society for Cell Biology,	2021: Volume 25: Issue 3, 2700-2714	SCOPUS	NA	CSE	http://annals.ofrscb.ro/index.php/journal/article/view/1738
42	Youddha Beer Singh& Shivani Goel	An efficient algorithm for recognition of emotions from speaker and language independent speech usingdeep learning	Multimedia Tools and Applications	Vol.80, Issue 9, pp. 14001–14018	SCIE	3.1	CSE	https://link.springer.com/article/10.1007/s11042-020-10399-2
43	Ritesh Srivastava, Vena Mittal	Empirical estimation of various data stream mining methods	International Journal of Computational Intelligence Studies Inderscience publisher	Vol.10, Issue 1, 13-26	NO	NA	CSE	https://doi.org/10.1504/ijcistudies.2021.113804
44	Sahil Kansal, Harish Kumar and Sakshi Kausahl	Request allocation model for processing data in federated cloud computing	Electronic Library	Vol.38, Issue 4, pp.745-767,ISSN: 0264-0473	SSCI		CSE	https://doi.org/10.1108/EL-01-2019-0005

45	Mohammad Umar, Dinesh Babu,							
46	K.M Baalamuruga, Priyamvada Singh	Automation of Energy Conservation for Nodes in Wireless Sensor Networks	International Journal of Future Generation Communication and Networking	Vol.13, Issue 3, pp.2384-2397	NO	NA	CSE	http://sersc.org/journals/index.php/IJFGCN/article/view/29488
47								
48	Dr.A.M.Saravanan , Dr.Monika Bhatnagar, Ajay Kumar Chauhan, Dr.G.Naga Rama Devi, Dr.Kalaivani Ramanathan, Purnendu Shekhar Pandey	Secured Wireless Connectivity With Machine Learning Optimized Flawless Iot	International Journal of Aquatic Science	Vol 12, Issue 02ISSN: 2008-8019,1701-17112021	ESCI	7.86	ECE	
49	Shahid, Abhinav Verma, Anjali mehta, Aditi karsoulya	Facial Recognition Based Attendance System	Turkish Online Journal of Qualitative Inquiry	Volume 12, Issue 7, July 2021			ECE	
50	Singh, Rajneesh Kumar, S. Pratap Singh, and Shailesh Tiwari.	Performance of Electromagnetic Nano-network under relaying for plant monitoring	Physical Communication	Volume 1, Issue 47, Aug 2021	SCI	2.2	ECE	https://doi.org/10.1016/j.phycom.2021.101316
51	Alok Yadav, Abhishek Kumar, Aditya Shukla, Adarsh Goswami, Atul Kumar	Design of Terahertz Antenna based on Transparent Graphene material	International Journal for Research in Engineering and Emerging Trends	Volume 5, Issue 1,May- Dec 2021			ECE	

52	Rahul Kumar Verma1 , 2. Anubhav Kumar2 , 3. R.L. Yadava3	WI-FI Reconfigurable Dual Band Microstrip MIMO Antenna for 5G and WI-FI WLAN Applications	PRZEGLĄD ELEKTROTECHNICZNY	ISSN 0033-2097, R. 97 NR 7/2021	SCIE	0.56	ECE	doi:10.15199 /48.2021.07. 13
53	Diksha Arora, Harsh Gupta, Mohd Taha Ali, Jaspreet Kour	Crime detection, Analysis and Criminal tracking	Turkish Online Journal of Qualitative Inquiry	vol12, no. 7, July 2021.			ECE	
54	Shahida Khatoon, Ibraheem, Priti Gupta, Mohammad Shahid	Comparison of fuzzy time series, ANN and wavelet techniques for short term load forecasting	International Journal of Power Electronics and Drive Systems (IJPEDS)	Vol. 14, No. 2, June 2023	SCOPUS		EE	10.11591/ijp eds.v14.i2.pp 1260-1269
55	Shahida Khatoon, Ibraheem, Priti Gupta, Mohammad Shahid	HYBRID WAVELET-ARTIFICIAL NEURAL NETWORK BASED INTELLIGENT TECHNIQUE FOR ELECTRIC LOAD FORECASTING	Stochastic Modeling & Applications	Volume 26 (3), Special Issue 2022 Part 7, 2022	UGC CARE		EE	https://www. mukpublicati ons.com/si- 2022.php
56	R. S. Bhadoria, H. G. Zaini, M. M. Nezami, Md Danish Equbal, E. E. Mustafa and S. S. M. Ghoneim	Cone Model in Resource Provisioning for Service- Oriented Architecture System: An Effective Network Management to the Internet of Things	IEEE Access	vol. 10, pp. 61385- 61397, 2022	SCIE	3.9	EE	10.1109/AC CESS.2022. 3181546
57	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	https://doi.or g/10.3389/fe rg.2022.102 0040
58	Balakrishna Eppili , Probeer Sahw , Vanshika Tanwar	Simulation Analysis of Circuit and Designing of PCB Layout of a CMOS based NOR Logic Gate using Open- Source Software eSim	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 9 Issue XI ISSN 2321- 9653 Page 434- 440 Year Nov 2021	NO	NA	EE	https://www. ijraset.com/b est- journal/desi gning-of-pcb- layout-of-a- cmos-based-

59	Shagufta Khan,Manoj Saini	A comprehensive study on energy meters and power tampering attempts	International Journal of Applied Power Engineering (IJAPE)	Vol. 10, ISSN 2252-8792, P 315-325, 2022	SCOPUS		EE	10.11591/ijape.v10.i4.pp315-325
60	Maduri, Praveen Kumar, Preeti Dhiman, Chinmay Chaturvedi, and Abhishek Rai	"Air Pollution Index Prediction: A Machine Learning Approach."	Springer, In Proceedings of Second International Conference in Mechanical and Energy Technology	ICMET 2021, India, pp. 37-51. Singapore: Part of the Smart Innovation, Systems and Technologies book series	SCIE		EIE	https://doi.org/10.1007/978-981-19-0108-9_5
61	Rekha Bahel	IT	NON-DESTRUCTIVE CLASSIFICATION OF FRUITS BASEDONCOLOR BY USING MACHINE LEARNING TECHNIQUES	International Journal of Modern Agriculture	Vol. 10, Issue. 1, ISSN: 2305-7246, 2021	ESCI	3	
62	Rekha Bahel	IT	CLOUD BASED FARM MONITORING USING IOT	International Journal of Modern Agriculture	Vol. 10, Issue. 1, ISSN: 2305-7246, 2021	ESCI	3	
63	Dr. Veena Mittal	IT	ADAW: Age decay accuracy weighted ensemble method for drifting data stream mining	Intelligent Data Analysis	Vol. 25, No. 5, ISSN :1571-4128, 2021	SCIE	1.7	10.3233/IDA-205249
64	Mr. Ranjit kumar	IT	Handling dynamic network behavior and unbalanced datasets for WSN anomaly detection	Journal of Ambient Intelligence and Humanized Computing	1868-5145, Vol. 3 (1)	Scopus		DOI:10.1007/s12652-021-03669-w
65	Dr. Nitin Sachdeva	IT	Lung Cancer Detection Using Machine Learning Techniques	Critical Reviews in Biomedical Engineering	Vol. 50, Issue. 6, ISSN: 0278-940X	Scopus	0.258	10.1615/CritRevBiomedEng.v50.i6.40

66	Dhruv Galgotia; Dr. N. Lakshmi	Implementation of Knowledge Management in Higher Education: A Comparative Study of Private and Government Universities in India and Abroad	Frontiers in Psychology, Frontiers.	Vol. 13	SCI & SCOPUS	4.232.	MBA	doi.org/10.3389/fpsyg.2022.944153
67	Rajneesh Kumar Singh, S. Pratap Singh, Shailesh Tiwari	Performance of Electromagnetic Nanonetwork under relaying for plant monitoring	Physical Communication, Elsevier	1874-4907	sci	2.379	MCA	https://doi.org/10.1016/j.phycom.2021.101316
68	Dr. Gagan Tiwari	Fuzzy Logic- Based Multi-Hop Directional Location Routing in Vehicular Ad-hoc Network	Wireless Personal Communications	1572-834X	SCIE/Scopus	1.8	MCA	https://doi.org/10.1007/s11277-021-08661-3
69	Kumar, R., Singh, D. B., Dewangan, A., Singh, V. K., & Kumar, N	Performance of evacuated tube solar collector integrated solar desalination unit-a review	Desalination and Water Treatment	230, 19443994, 92-115, 2021	SCIE	1.27	ME	https://doi.org/10.5004/dwt.2021.27463
70	Dewangan A., Yadav A.K., Mallick A., Pal A., Singh S.	Comparative study of Manilkara zapota and Karanja based biodiesel properties and its effect on diesel engine characteristics	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	44, 2, 15567036, 5143-5153, 2022	SCIE	2.9	ME	https://doi.org/10.1080/15567036.2019.1661551
71	Dewangan A., Mallick A.	Multi-objective optimization of performance and emission characteristics of diesel engine fueled with Bauhinia variegata biodiesel using hybrid approach	International Journal of Environmental Science and Technology	19, 2, 1735-1472, 12395-12410, 2022	SCIE	3.1	ME	https://doi.org/10.1007/s13762-022-03974-7
72	AK Rawat, AK Shukla, M Sharma, AK Singh	Geothermal energy-based combined cooling heating and power system	Journal of Physics	2178,2022,1742-6596,1-15,2022	SCOPUS	-	ME	https://doi.org/10.1088/1742-6596/2178/1/012040

73	Shallu Bhasin, Ranganath M Singari, Pawan Kumar Arora, Harish Kumar	<u>Implications of Additive Manufacturing on Supply Chain Management</u>	Journal of Industrial Integration and Management	,,,,-2022	SCOPUS	-	ME	https://www.worldscientific.com/doi/abs/10.1142/S2424862221500299
74	Shrivastava, V., Diwakar, V., Sehgal, M., Verma, M., & Neha	Modelling and Analysis of Hexapod walking Robot.	EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy	9,2,,378-388,2022	SCOPUS	-	ME	http://www.u-kyushu-u.ac.jp/evergreen/contents/EG2022-9_2_content/pdf/378-
75	KK Sharma, J Kushwaha, K Kumar, H Singh, Y Shrivastava	Fabrication and testing of hybrid fibre reinforced composite: a comprehensive review	Australian Journal of Mechanical Engineering	,,,,-2022	SCOPUS	-	ME	https://doi.org/10.1080/14484846.2021.2022581
76	Gupta, P., Singh, B., & Shrivastava, Y.	Robust techniques for signal processing: A comparative study	EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy	,,,,-2022	SCOPUS	-	ME	https://catalog.lib.kyushu-u.ac.jp/opac/download_md/4794165/404-411.pdf
77	Sharma S., Dwivedi V.K.	Comparative Assessment of Environment-Friendly Alternative to R134a in Vapour Compression Refrigeration System using Exergy Destruction		,,,,-2021	SCIE		ME	https://doi.org/10.36909/jer.ICMET.17205
78	Kumar A., Singh R.C., Chaudhary R.	Investigation of Nano-Al2O3 and Micro-coconut Shell Ash (CSA) Reinforced AA7075 Hybrid Metal-Matrix Composite Using Two-Stage Stir Casting	Arabian Journal for Science and Engineering	47,,,15559-15573,2022	SCIE	2.9	ME	https://doi.org/10.1007/s13369-022-06728-22
79	Ashok Kumar Singh, Samsher	Techno-enviro-economic-energy-exergy-matrices performance analysis of evacuated annulus tube with modified parabolic concentrator assisted single slope solar desalination system	Journal of Cleaner Production	332,2022,,,-2022	SCIE	11.1	ME	https://doi.org/10.1016/j.clepro.2021.129996

80	Ashok Kumar Singh, Samsher	Optimum Techno-Eco Performance Requisites for Vacuum Annulus Tube Collector-Assisted Double-Slope Solar Desaltification Unit Integrated Modified Parabolic Concentrator	Environmental Science and Pollution Research	29,2022.,34379-34405,2022	SCIE	5.8	ME	https://doi.org/10.1007/s11356-021-18426-x
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