

Scopus Index Journal Papers (2021-22)

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	Department in abbreviation	Session	DOI (in the form of link)
1	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	AS&H	2021-22	https://doi.org/10.3389/fmicb.2022.895695
2	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	AS&H	2021-22	https://doi.org/10.1016/j.crgsc.2021.100235
3	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	AS&H	2021-22	https://doi.org/10.18186/thermal.1086255
4	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	CSE	2021-22	http://www.annalsofrscb.ro/index.php/journal/article/view/1738
5	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	CSE	2021-22	10.1007/s13278-021-00734-2
6	Hariharan, U., Rajkumar, K., Akilan, T., & Pohmalar	A Multi-hop Protocol using Advanced Multi-hop Dijkstra's Algorithm and Tree Based Remote Vector for Wireless Sensor Network	Journal of Ambient Intelligence and Humanized Computing	2023, 6877-6895	SCOPUS	CSE	2021-22	https://link.springer.com/article/10.1007/s12652-021-03548-4
7	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	CSE	2021-22	10.17586/2226-1494-2022-22-2-254-261
8	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	CSE	2021-22	https://link.springer.com/article/10.1007/s12652-021-03681-0
9	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 lot	International Journal of Aquatic Science	Vol 12, Issue 02 ISSN: 2008-8019,1701-17112021	ESCI	ECE	2021-22	
10	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	2021-22	10.11591/ijpeds.v14.i2.pp1260-1269
11	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	2021-22	10.11591/ijape.v10.i4.pp315-325
12	Kanhaiya Kumar, Lokesh Varshney, A Ambikapathy, Vrinda Mittal, Sachin Prakash, Prashant Chandra, Namya Khan	Soft computing and IoT based solar tracker	International Journal of Power Electronics and Drive Systems	vol 12	Scopus	EEE	2021-2022	10.11591/ijpeds.v12.i3.pp1880-1889

13	Neha Jain, Vikas Singh, Vivek Prajapati	Investigation of Efficient Hole Injection Layer for Enhancement of Opto-Electrical Properties of an Organic Light Emitting Diode	Journal of Physics conference series	2062, 1742-6596, 1, 2021	Scopus	EEE	2021-2022	https://iopscience.iop.org/article/10.1088/1742-6596/2062/1/012025/meta
14	Rekha Bahel	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	IT	2021-22	
15	Rekha Bahel	CLOUD BASED FARM MONITORING USING IOT	International Journalof Modern Agriculture	Vol. 10, Issue. 1, ISSN: 2305-7246, 2021	ESCI	IT	2021-22	
16	Mr. Ranjit kumar	Handling dynamic network behavior and unbalanced datasets for WSN anomaly detection	Journal of Ambient Intelligence and Humanized Computing	1868-5145, Vol. 3 (1)	Scopus	IT	2021-22	DOI:10.1007/s12652-021-03669-w
17	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	2021-22	https://doi.org/10.1088/1742-6596/2178/1/012040
18	Shallu Bhasin, Ranganath M Singari, Pawan Kumar Arora, Harish Kumar	Implications of Additive Manufacturing on Supply Chain Management	Journal of Industrial Integration and Management	,,, -,2022	SCOPUS	ME	2021-22	https://www.worldscientific.com/doi/abs/10.1142/S2424862221500299
19	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	2021-22	http://www.tj.kyushu-u.ac.jp/evergreen/contents/EG2022-9_2_content/pdf/378-388.pdf
20	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	2021-22	https://doi.org/10.1080/14484846.2021.2022581
21	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	2021-22	https://catalog.lib.kyushu-u.ac.jp/opac_download/md/4794165/404-411.pdf