Manoj Duhan

List of Publications by Year
in descending order

33 papers	388 citations	1040056 9 h-index	839539 18 g-index
35 all docs	35 docs citations	35 times ranked	259 citing authors

#	Article	IF	Citations
1	Bat Algorithm: A Survey of the State-of-the-Art. Applied Artificial Intelligence, 2015, 29, 617-634.	3.2	63
2	An ensemble method to forecast 24-h ahead solar irradiance using wavelet decomposition and BiLSTM deep learning network. Earth Science Informatics, 2022, 15, 291-306.	3.2	46
3	Levy Flights in Metaheuristics Optimization Algorithms – A Review. Applied Artificial Intelligence, 2018, 32, 802-821.	3.2	44
4	A comprehensive review and analysis of solar forecasting techniques. Frontiers in Energy, 2022, 16, 187-223.	2.3	42
5	Breast Cancer Detection Techniques: Issues and Challenges. Journal of the Institution of Engineers (India): Series B, 2019, 100, 379-386.	1.9	41
6	An effective implementation of security based algorithmic approach in mobile adhoc networks. Human-centric Computing and Information Sciences, 2014, 4, .	6.1	34
7	A Comparative Analysis of Various Image Segmentation Techniques. Lecture Notes in Networks and Systems, 2019, , 359-374.	0.7	19
8	A Hybrid Solar Irradiance Forecasting Using Full Wavelet Packet Decomposition and Bi-Directional Long Short-Term Memory (BiLSTM). Arabian Journal for Science and Engineering, 2022, 47, 14185-14211.	3.0	14
9	Evaluation of correlation properties of Orthogonal spreading codes for CDMA wireless mobile communication. , 2010, , .		12
10	Applications of recent metaheuristics optimisation algorithms in biomedical engineering: a review. International Journal of Biomedical Engineering and Technology, 2014, 16, 268.	0.2	11
11	Enhancing LZW Algorithm to Increase Overall Performance. , 2006, , .		8
12	A dual decomposition with error correction strategy based improved hybrid deep learning model to forecast solar irradiance. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2022, 44, 1583-1607.	2.3	8
13	Study of signal processing techniques for EMG analysis. International Journal of Biomechatronics and Biomedical Robotics, 2011, 1, 141.	0.2	6
14	Comparative Analysis of Bayes Net Classifier, Naive Bayes Classifier and Combination of both Classifiers using WEKA. International Journal of Information Technology and Computer Science, 2019, 11, 38-45.	1.0	6
15	A new hybrid approach for feature extraction and selection of electroencephalogram signals in case of person recognition. Journal of Reliable Intelligent Environments, 2021, 7, 241-251.	5.2	4
16	Solar Irradiation Forecasting by Long-Short Term Memory Using Different Training Algorithms. Studies in Infrastructure and Control, 2022, , 81-89.	0.6	4
17	An automatic and efficient technique for tumor location identification and classification through breast MR images. Expert Systems With Applications, 2021, 185, 115580.	7.6	4
18	Detection of Breast Cancer using MRI: A Pictorial Essay of the Image Processing Techniques. International Journal of Computer Engineering in Research Trends, 2019, 6, .	0.0	4

#	Article	IF	Citations
19	Review of Different Error Metrics: A Case of Solar Forecasting. AIUB Journal of Science and Engineering, 2021, 20, 158-165.	0.3	4
20	Escalate the efficacy of breast tumor detection through magnetic resonance imaging: a framework. International Journal of Information Technology (Singapore), 2020, 12, 879-887.	2.7	3
21	Use of EEG as a Unique Human Biometric Trait for Authentication of an Individual. Lecture Notes in Electrical Engineering, 2021, , 277-286.	0.4	3
22	Electroencephalogram Based Biometric System: A Review. Lecture Notes in Electrical Engineering, 2021, , 57-77.	0.4	3
23	Biometric Human Recognition using ECG Signals. Iarjset, 2017, 4, 168-171.	0.0	2
24	Impact of communication technology on human brain activity: mobile phone vs. landline phone. International Journal of Medical Engineering and Informatics, 2013, 5, 20.	0.3	1
25	Reduction of electromagnetic radiation from GSM mobile phone on human brain by the use of Bluetooth headset and earphone. International Journal of Biomedical Engineering and Technology, 2015, 17, 42.	0.2	1
26	Intelligent System to Make the World Hear DeafMute People. , 2020, , .		1
27	Peak to average power ratio of orthogonal spreading codes for multicarrier CDMA system. , 2011, , .		0
28	Comparative study of mobile phone emitted EM waves on human brain at different charging levels. International Journal of Biomedical Engineering and Technology, 2016, 22, 178.	0.2	0
29	An investigation on metaheuristic techniques for solving cell to switch assignment problem. International Journal of Wireless and Mobile Computing, 2018, 15, 77.	0.2	0
30	Study and analysis of the effect of RF mobile phone waves on human brain when operating at charging/not charging mode. International Journal of Biomedical Engineering and Technology, 2019, 30, 212.	0.2	0
31	Cells to Switches Assignment in Cellular Mobile Networks Using Metaheuristics. Applied Artificial Intelligence, 2019, 33, 249-266.	3.2	0
32	Experimental analysis for classification of EEG signals using deep learning framework for optimizing accuracy and cost. Journal of Intelligent and Fuzzy Systems, 2021, 41, 2743-2753.	1.4	0
33	Frequency Response Optimization of Saw Filter using Canonical Genetic Algorithm. International Journal of Computer Applications, 2011, 26, 45-49.	0.2	0