Gadhadhar Sahoo

List of Publications by Year
in descending order

35 papers	1,019 citations	623188 14 h-index	525886 27 g-index
35 all docs	35 docs citations	35 times ranked	848 citing authors

#	Article	IF	Citations
1	Development and performance evaluation of FLANN based model for forecasting of stock markets. Expert Systems With Applications, 2009, 36, 6800-6808.	4.4	148
2	Recent Advances in Attacks, Technical Challenges, Vulnerabilities and Their Countermeasures in Wireless Sensor Networks. Wireless Personal Communications, 2018, 98, 2037-2077.	1.8	134
3	Efficient prediction of stock market indices using adaptive bacterial foraging optimization (ABFO) and BFO based techniques. Expert Systems With Applications, 2009, 36, 10097-10104.	4.4	126
4	Efficient prediction of exchange rates with low complexity artificial neural network models. Expert Systems With Applications, 2009, 36, 181-189.	4.4	85
5	Crow search based virtual machine placement strategy in cloud data centers with live migration. Computers and Electrical Engineering, 2018, 69, 334-350.	3.0	77
6	A hybrid data clustering approach based on improved cat swarm optimization and K-harmonic mean algorithm. AI Communications, 2015, 28, 751-764.	0.8	63
7	A two-step artificial bee colony algorithm for clustering. Neural Computing and Applications, 2017, 28, 537-551.	3.2	61
8	Prediction of different types of liver diseases using rule based classification model. Technology and Health Care, 2013, 21, 417-432.	0.5	43
9	$E^{2} SR^{2}$ E 2 S R 2 : An acknowledgement-based mobile sink routing protocol with rechargeable sensors for wireless sensor networks. Wireless Networks, 2019, 25, 2697-2721.	2.0	43
10	A hybrid approach using genetic algorithm and the differential evolution heuristic for enhanced initialization of the k-means algorithm with applications in text clustering. Soft Computing, 2019, 23, 6361-6378.	2.1	36
11	Exploring the factors influencing the cloud computing adoption: a systematic study on cloud migration. SpringerPlus, 2015, 4, 197.	1.2	28
12	Hybridization of magnetic charge system search and particle swarm optimization for efficient data clustering using neighborhood search strategy. Soft Computing, 2015, 19, 3621-3645.	2.1	28
13	A charged system search approach for data clustering. Progress in Artificial Intelligence, 2014, 2, 153-166.	1.5	26
14	A heuristic method for supplier selection using AHP, entropy and TOPSIS. International Journal of Procurement Management, 2012, 5, 784.	0.1	16
15	Predication of Parkinsonâ€²s disease using data mining methods: A comparative analysis of tree, statistical, and support vector machine classifiers. Indian Journal of Medical Sciences, 2011, 65, 231.	0.1	15
16	Ant colony based hybrid optimization for data clustering. Kybernetes, 2007, 36, 175-191.	1.2	14
17	Text extraction and enhancement of binary images using cellular automata. International Journal of Automation and Computing, 2009, 6, 254-260.	4.5	12
18	A resource aware VM placement strategy in cloud data centers based on crow search algorithm. , 2017, , .		12

#	Article	IF	Citations
19	FLEAC: Fuzzy Logic-based Energy Adequate Clustering Protocol for Wireless Sensor Networks using Improved Grasshopper Optimization Algorithm. Wireless Personal Communications, 2022, 124, 573-606.	1.8	11
20	A new lossless chain code compression scheme based on substitution. International Journal of Signal and Imaging Systems Engineering, 2011, 4, 50.	0.6	8
21	Feature selection in accident data: an analysis of its application in classification algorithms. International Journal of Data Analysis Techniques and Strategies, 2016, 8, 108.	0.2	8
22	Gaussian cat swarm optimisation algorithm based on Monte Carlo method for data clustering. International Journal of Computational Science and Engineering, 2017, 14, 198.	0.4	6
23	A new methodology for data coding and embedding for high-capacity transmitting. International Journal of Electronic Security and Digital Forensics, 2010, 3, 27.	0.1	4
24	Enhancing cooperation in MANET using neighborhood compressive sensing model. Egyptian Informatics Journal, 2021, 22, 373-387.	4.4	4
25	A hybridise approach for data clustering based on cat swarm optimisation. International Journal of Information and Communication Technology, 2016, 9, 117.	0.1	4
26	SAWSA-LPR: Astochastic search strategy for estimation of maximum likelihood DNA phylogenetic trees. Applied Soft Computing Journal, 2014, 18, 104-114.	4.1	2
27	Digital corpus of santali language. , 2017, , .		2
28	A Co-Clustering Technique for Gene Expression Data Using Bi-Partite Graph Approach. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	1
29	Design and Analysis of Sustainable and Seasonal Profit Scaling Model in Cloud Environment. Scientific Programming, 2019, 2019, 1-14.	0.5	1
30	Energyâ€aware autoscaling for scientific workflow in cloud environment. Concurrency Computation Practice and Experience, 0, , e6576.	1.4	1
31	Procedure for Multiplication Based on DNA Computing. , 2009, , .		0
32	Pixel scratching algorithm for edge detection of monochrome image objects. International Journal of Computational Vision and Robotics, 2010, 1, 325.	0.2	0
33	Automata for santali language processing. , 2017, , .		0
34	Assessment of Severity Classification of Traffic Accidents on the Basis of K-Means Clustering and Adaptive Neuro-Fuzzy Inference System. Lecture Notes in Networks and Systems, 2021, , 75-86.	0.5	0
35	Peptic Ulcer Detection Using DNA Nanorobot Based on Fuzzy Logic Rules. Lecture Notes in Computer Science, 2009, , 287-294.	1.0	0