

# Gadhadhar Sahoo

## List of Publications by Year in descending order

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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	FLEAC: Fuzzy Logic-based Energy Adequate Clustering Protocol for Wireless Sensor Networks using Improved Grasshopper Optimization Algorithm. <i>Wireless Personal Communications</i> , 2022, 124, 573-606.	1.8	11
2	Enhancing cooperation in MANET using neighborhood compressive sensing model. <i>Egyptian Informatics Journal</i> , 2021, 22, 373-387.	4.4	4
3	Assessment of Severity Classification of Traffic Accidents on the Basis of K-Means Clustering and Adaptive Neuro-Fuzzy Inference System. <i>Lecture Notes in Networks and Systems</i> , 2021, , 75-86.	0.5	0
4	A hybrid approach using genetic algorithm and the differential evolution heuristic for enhanced initialization of the k-means algorithm with applications in text clustering. <i>Soft Computing</i> , 2019, 23, 6361-6378.	2.1	36
5	$E^2SR^2$ : An acknowledgement-based mobile sink routing protocol with rechargeable sensors for wireless sensor networks. <i>Wireless Networks</i> , 2019, 25, 2697-2721.	2.0	43
6	Design and Analysis of Sustainable and Seasonal Profit Scaling Model in Cloud Environment. <i>Scientific Programming</i> , 2019, 2019, 1-14.	0.5	1
7	Crow search based virtual machine placement strategy in cloud data centers with live migration. <i>Computers and Electrical Engineering</i> , 2018, 69, 334-350.	3.0	77
8	Recent Advances in Attacks, Technical Challenges, Vulnerabilities and Their Countermeasures in Wireless Sensor Networks. <i>Wireless Personal Communications</i> , 2018, 98, 2037-2077.	1.8	134
9	A two-step artificial bee colony algorithm for clustering. <i>Neural Computing and Applications</i> , 2017, 28, 537-551.	3.2	61
10	A resource aware VM placement strategy in cloud data centers based on crow search algorithm. , 2017, , .		12
11	Automata for santali language processing. , 2017, , .		0
12	Digital corpus of santali language. , 2017, , .		2
13	Gaussian cat swarm optimisation algorithm based on Monte Carlo method for data clustering. <i>International Journal of Computational Science and Engineering</i> , 2017, 14, 198.	0.4	6
14	Feature selection in accident data: an analysis of its application in classification algorithms. <i>International Journal of Data Analysis Techniques and Strategies</i> , 2016, 8, 108.	0.2	8
15	A hybridise approach for data clustering based on cat swarm optimisation. <i>International Journal of Information and Communication Technology</i> , 2016, 9, 117.	0.1	4
16	A hybrid data clustering approach based on improved cat swarm optimization and K-harmonic mean algorithm. <i>AI Communications</i> , 2015, 28, 751-764.	0.8	63
17	Exploring the factors influencing the cloud computing adoption: a systematic study on cloud migration. <i>SpringerPlus</i> , 2015, 4, 197.	1.2	28
18	Hybridization of magnetic charge system search and particle swarm optimization for efficient data clustering using neighborhood search strategy. <i>Soft Computing</i> , 2015, 19, 3621-3645.	2.1	28

#	ARTICLE	IF	CITATIONS
19	SAWSA-LPR: Astochastic search strategy for estimation of maximum likelihood DNA phylogenetic trees. Applied Soft Computing Journal, 2014, 18, 104-114.	4.1	2
20	A charged system search approach for data clustering. Progress in Artificial Intelligence, 2014, 2, 153-166.	1.5	26
21	Prediction of different types of liver diseases using rule based classification model. Technology and Health Care, 2013, 21, 417-432.	0.5	43
22	A heuristic method for supplier selection using AHP, entropy and TOPSIS. International Journal of Procurement Management, 2012, 5, 784.	0.1	16
23	A new lossless chain code compression scheme based on substitution. International Journal of Signal and Imaging Systems Engineering, 2011, 4, 50.	0.6	8
24	Predication of Parkinson's 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
25	Pixel scratching algorithm for edge detection of monochrome image objects. International Journal of Computational Vision and Robotics, 2010, 1, 325.	0.2	0
26	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
27	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
28	Development and performance evaluation of FLANN based model for forecasting of stock markets. Expert Systems With Applications, 2009, 36, 6800-6808.	4.4	148
29	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
30	Text extraction and enhancement of binary images using cellular automata. International Journal of Automation and Computing, 2009, 6, 254-260.	4.5	12
31	Efficient prediction of exchange rates with low complexity artificial neural network models. Expert Systems With Applications, 2009, 36, 181-189.	4.4	85
32	Procedure for Multiplication Based on DNA Computing. , 2009, , .		0
33	Peptic Ulcer Detection Using DNA Nanorobot Based on Fuzzy Logic Rules. Lecture Notes in Computer Science, 2009, , 287-294.	1.0	0
34	Ant colony based hybrid optimization for data clustering. Kybernetes, 2007, 36, 175-191.	1.2	14
35	Energy-aware autoscaling for scientific workflow in cloud environment. Concurrency Computation Practice and Experience, 0, , e6576.	1.4	1