Himansu Das

List of Publications by Year
in descending order

45 papers	972 citations
471061 17 h-index	525886 27 g-index
50 all docs	50 docs citations
50 times ranked	459 citing authors

#	Article	IF	Citations
1	Maize Leaf Disease Detection and Classification Using Machine Learning Algorithms. Advances in Intelligent Systems and Computing, 2020, , 659-669.	0.5	88
2	Classification of Diabetes Mellitus Disease (DMD): A Data Mining (DM) Approach. Advances in Intelligent Systems and Computing, 2018, , 539-549.	0.5	60
3	Performance Evaluation of Different Machine Learning Methods and Deep-Learning Based Convolutional Neural Network for Health Decision Making. Studies in Computational Intelligence, 2020, , 201-212.	0.7	60
4	Classification of Intrusion Detection Using Data Mining Techniques. Advances in Intelligent Systems and Computing, 2018, , 753-764.	0.5	57
5	Intelligence-Based Health Recommendation System Using Big Data Analytics. , 2019, , 227-246.		49
6	A Novel PSO Based Back Propagation Learning-MLP (PSO-BP-MLP) for Classification. Smart Innovation, Systems and Technologies, 2015, , 461-471.	0.5	45
7	Fog Assisted Cloud Computing in Era of Big Data and Internet-of-Things: Systems, Architectures, and Applications. Studies in Big Data, 2018, , 367-394.	0.8	44
8	A CNN Approach for Corn Leaves Disease Detection to support Digital Agricultural System. , 2020, , .		42
9	Medical disease analysis using Neuro-Fuzzy with Feature Extraction Model for classification. Informatics in Medicine Unlocked, 2020, 18, 100288.	1.9	35
10	MistGIS: Optimizing Geospatial Data Analysis Using Mist Computing. Advances in Intelligent Systems and Computing, 2018, , 733-742.	0.5	34
11	Energy aware scheduling using genetic algorithm in cloud data centers. , 2016, , .		27
12	A Survey on Virtual Sensor Networks Framework. International Journal of Grid and Distributed Computing, 2014, 7, 121-130.	0.8	27
13	An Experimental Analysis of Machine Learning Classification Algorithms on Biomedical Data. Lecture Notes in Electrical Engineering, 2020, , 525-539.	0.3	26
14	A Jaya algorithm based wrapper method for optimal feature selection in supervised classification. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 3851-3863.	2.7	26
15	Nature Inspired Optimizations in Cloud Computing: Applications and Challenges. Studies in Big Data, 2018, , 1-26.	0.8	24
16	Performance Analysis of Machine Learning Algorithms for Prediction of Liver Disease. , 2021, , .		21
17	Big Data and Cyber Foraging: Future Scope and Challenges. Studies in Big Data, 2016, , 75-100.	0.8	19
18	A Novel Approach for Real-Time Data Management in Wireless Sensor Networks. Smart Innovation, Systems and Technologies, 2016, , 599-607.	0.5	18

#	Article	IF	Citations
19	Optimal Selection of Features Using Artificial Electric Field Algorithm for Classification. Arabian Journal for Science and Engineering, 2021, 46, 8355-8369.	1.7	18
20	The Complex Network Analysis of Power Grid: A Case Study of the West Bengal Power Network. Advances in Intelligent Systems and Computing, 2014, , 17-29.	0.5	18
21	S2S: A Novel Approach for Source to Sink Node Communication in Wireless Sensor Networks. Lecture Notes in Computer Science, 2015, , 406-414.	1.0	16
22	A Data Aware Scheme for Scheduling Big Data Applications with SAVANNA Hadoop. , 2017, , 377-392.		16
23	A Hybrid Neuro-Fuzzy and Feature Reduction Model for Classification. Advances in Fuzzy Systems, 2020, 2020, 1-15.	0.6	15
24	Teaching–Learning Optimization Based Cascaded Low-Complexity Neural Network Model for Exchange Rates Forecasting. Smart Innovation, Systems and Technologies, 2020, , 635-645.	0.5	13
25	Optimal Selection of Features Using Teaching-Learning-Based Optimization Algorithm for Classification. , 2020, , 213-227.		13
26	Biomedical data analysis using neuro-fuzzy model with post-feature reduction. Journal of King Saud University - Computer and Information Sciences, 2020, , .	2.7	12
27	Disease Classification Using Linguistic Neuro-Fuzzy Model. Advances in Intelligent Systems and Computing, 2020, , 45-53.	0.5	10
28	Resource Allocation in Cooperative Cloud Environments. Advances in Intelligent Systems and Computing, 2018, , 825-841.	0.5	9
29	Res-VGG: A Novel Model for Plant Disease Detection by Fusing VGG16 and ResNet Models. Communications in Computer and Information Science, 2020, , 383-400.	0.4	9
30	Performance evaluation of multilevel inverter based hybrid active filter using soft computing techniques. Evolutionary Intelligence, 2021, 14, 345-355.	2.3	8
31	Semantic Analysis and Topic Modelling of Web-Scrapped COVID-19 Tweet Corpora through Data Mining Methodologies. Healthcare (Switzerland), 2022, 10, 881.	1.0	8
32	Harmonic Distortion Minimization in Power System Using Differential Evolution Based Active Power Filters. Recent Advances in Computer Science and Communications, 2022, 15, 186-195.	0.5	7
33	QoS Aware Group-Based Workload Scheduling in Cloud Environment. Advances in Intelligent Systems and Computing, 2020, , 953-960.	0.5	6
34	Wrapper Based Feature Selection Approach Using Black Widow Optimization Algorithm for Data Classification. Lecture Notes in Networks and Systems, 2022, , 487-496.	0.5	6
35	Voice Controlled Automatic Dustbin with Garbage Level Sensing. , 2019, , .		5
36	Counterfeit Product Detection Analysis and Prevention as Well as Prepackage Coverage Assessment Using Machine Learning. Advances in Intelligent Systems and Computing, 2020, , 483-496.	0.5	5

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37	A Constructive Machine Translation System for English to Odia Translation. , 2018, , .		4
38	Geocloud4GI: Cloud SDI Model for Geographical Indications Information Infrastructure Network. Studies in Big Data, 2019, , 215-224.	0.8	4
39	Comparative Analysis of CNN Architectures for Maize Crop Disease. , 2022, , .		4
40	Comparative Analysis of Machine Learning Models For Early Detection of Fetal Disease using Feature Extraction. , 2022, , .		3
41	Dynamic Channel Assignment Strategies in Multi Radio Wireless Mesh Network. , 2018, , .		2
42	Energy Aware Virtual Machine Consolidation for Load Balancing in Virtualized Environment. , 2019, , .		2
43	An Approximation Solution to the NP-complete Joint Problem in Multi-radio WMN. Smart Innovation, Systems and Technologies, 2020, , 385-396.	0.5	2
44	HMF Based QoS aware Recommended Resource Allocation System in Mobile Edge Computing for IoT. , 2019, , .		1
45	MLAI: An Integrated Automated Software Platform to Solve Machine Learning Problems. Lecture Notes in Electrical Engineering, 2021, , 69-81.	0.3	1