

Moloud Abdar

List of Publications by Year in descending order

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58
papers

3,862
citations

172207

29
h-index

182168

51
g-index

59
all docs

59
docs citations

59
times ranked

2521
citing authors

#	ARTICLE	IF	CITATIONS
1	SpinalNet: Deep Neural Network With Gradual Input. IEEE Transactions on Artificial Intelligence, 2023, 4, 1165-1177.	3.4	36
2	Hybrid geneticâ€discretized algorithm to handle data uncertainty in diagnosing stenosis of coronary arteries. Expert Systems, 2022, 39, .	2.9	26
3	MCLUa: Multi-Level Context and Uncertainty Aware Dynamic Deep Ensemble for Breast Cancer Histology Image Classification. IEEE Transactions on Biomedical Engineering, 2022, 69, 818-829.	2.5	35
4	Uncertainty-Aware Interpretable Deep Learning for Slum Mapping and Monitoring. Remote Sensing, 2022, 14, 3072.	1.8	10
5	ABCDM: An Attention-based Bidirectional CNN-RNN Deep Model for sentiment analysis. Future Generation Computer Systems, 2021, 115, 279-294.	4.9	423
6	Coronary artery disease detection using artificial intelligence techniques: A survey of trends, geographical differences and diagnostic features 1991â€2020. Computers in Biology and Medicine, 2021, 128, 104095.	3.9	55
7	Hybrid particle swarm optimization for rule discovery in the diagnosis of coronary artery disease. Expert Systems, 2021, 38, .	2.9	50
8	Analysis of Driver Performance Using Hybrid of Weighted Ensemble Learning Technique and Evolutionary Algorithms. Arabian Journal for Science and Engineering, 2021, 46, 3567-3580.	1.7	7
9	Handling of uncertainty in medical data using machine learning and probability theory techniques: a review of 30Âyears (1991â€2020). Annals of Operations Research, 2021, , 1-42.	2.6	56
10	Uncertainty quantification in skin cancer classification using three-way decision-based Bayesian deep learning. Computers in Biology and Medicine, 2021, 135, 104418.	3.9	117
11	Automated detection of shockable ECG signals: A review. Information Sciences, 2021, 571, 580-604.	4.0	40
12	A novel fusion-based deep learning model for sentiment analysis of COVID-19 tweets. Knowledge-Based Systems, 2021, 228, 107242.	4.0	99
13	A novel approach based on genetic algorithm to speed up the discovery of classification rules on GPUs. Knowledge-Based Systems, 2021, 231, 107419.	4.0	3
14	A review of uncertainty quantification in deep learning: Techniques, applications and challenges. Information Fusion, 2021, 76, 243-297.	11.7	876
15	Analysis of user preference and expectation on shared economy platform: An examination of correlation between points of interest on Airbnb. Computers in Human Behavior, 2020, 107, 105730.	5.1	14
16	A new nested ensemble technique for automated diagnosis of breast cancer. Pattern Recognition Letters, 2020, 132, 123-131.	2.6	143
17	Insights into relevant knowledge extraction techniques: a comprehensive review. Journal of Supercomputing, 2020, 76, 1695-1733.	2.4	18
18	The effect of aggregation methods on sentiment classification in Persian reviews. Enterprise Information Systems, 2020, 14, 1394-1421.	3.3	13

#	ARTICLE	IF	CITATIONS
19	DGHNL: A new deep genetic hierarchical network of learners for prediction of credit scoring. Information Sciences, 2020, 516, 401-418.	4.0	101
20	Model uncertainty quantification for diagnosis of each main coronary artery stenosis. Soft Computing, 2020, 24, 10149-10160.	2.1	22
21	Improving Sentiment Polarity Detection Through Target Identification. IEEE Transactions on Computational Social Systems, 2020, 7, 113-128.	3.2	15
22	A mixed solution-based high agreement filtering method for class noise detection in binary classification. Physica A: Statistical Mechanics and Its Applications, 2020, 553, 124219.	1.2	16
23	A novel facial image recognition method based on perceptual hash using quintet triple binary pattern. Multimedia Tools and Applications, 2020, 79, 29573-29593.	2.6	15
24	Automated Detection of Presymptomatic Conditions in Spinocerebellar Ataxia Type 2 Using Monte Carlo Dropout and Deep Neural Network Techniques with Electrooculogram Signals. Sensors, 2020, 20, 3032.	2.1	20
25	Energy choices in Alaska: Mining people's perception and attitudes from geotagged tweets. Renewable and Sustainable Energy Reviews, 2020, 124, 109781.	8.2	40
26	A comprehensive analysis of adverb types for mining user sentiments on amazon product reviews. World Wide Web, 2020, 23, 1811-1829.	2.7	29
27	Association between work-related features and coronary artery disease: A heterogeneous hybrid feature selection integrated with balancing approach. Pattern Recognition Letters, 2020, 133, 33-40.	2.6	72
28	A novel method for sentiment classification of drug reviews using fusion of deep and machine learning techniques. Knowledge-Based Systems, 2020, 198, 105949.	4.0	78
29	A Novel Effective Ensemble Model for Early Detection of Coronary Artery Disease. Learning and Analytics in Intelligent Systems, 2020, , 480-489.	0.5	6
30	Novel Methodology for Cardiac Arrhythmias Classification Based on Long-Duration ECG Signal Fragments Analysis. Series in Bioengineering, 2020, , 225-272.	0.3	11
31	Integration of Ensemble and Evolutionary Machine Learning Algorithms for Monitoring Diver Behavior Using Physiological Signals. IEEE Access, 2019, 7, 98971-98992.	2.6	34
32	A new machine learning technique for an accurate diagnosis of coronary artery disease. Computer Methods and Programs in Biomedicine, 2019, 179, 104992.	2.6	192
33	Machine learning-based coronary artery disease diagnosis: A comprehensive review. Computers in Biology and Medicine, 2019, 111, 103346.	3.9	131
34	A database for using machine learning and data mining techniques for coronary artery disease diagnosis. Scientific Data, 2019, 6, 227.	2.4	61
35	Performance Improvement of Decision Trees for Diagnosis of Coronary Artery Disease Using Multi Filtering Approach. , 2019, , .		20
36	Application of new deep genetic cascade ensemble of SVM classifiers to predict the Australian credit scoring. Applied Soft Computing Journal, 2019, 84, 105740.	4.1	106

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37	Face Recognition with Triangular Fuzzy Set-Based Local Cross Patterns in Wavelet Domain. <i>Symmetry</i> , 2019, 11, 787.	1.1	14
38	IAPSO-AIRS: A novel improved machine learning-based system for wart disease treatment. <i>Journal of Medical Systems</i> , 2019, 43, 220.	2.2	40
39	Decision Tree Predictive Learner-Based Approach for False Alarm Detection in ICU. <i>Journal of Medical Systems</i> , 2019, 43, 191.	2.2	8
40	CWV-BANN-SVM ensemble learning classifier for an accurate diagnosis of breast cancer. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 146, 557-570.	2.5	88
41	A Hybrid Latent Space Data Fusion Method for Multimodal Emotion Recognition. <i>IEEE Access</i> , 2019, 7, 172948-172964.	2.6	47
42	A Case Study of Predicting Banking Customers Behaviour by Using Data Mining. , 2019, , .		4
43	NE-nu-SVC: A New Nested Ensemble Clinical Decision Support System for Effective Diagnosis of Coronary Artery Disease. <i>IEEE Access</i> , 2019, 7, 167605-167620.	2.6	60
44	A novel machine learning approach for early detection of hepatocellular carcinoma patients. <i>Cognitive Systems Research</i> , 2019, 54, 116-127.	1.9	88
45	Automated Detection of Autism Spectrum Disorder Using a Convolutional Neural Network. <i>Frontiers in Neuroscience</i> , 2019, 13, 1325.	1.4	135
46	Event-based trend factor analysis based on hashtag correlation and temporal information mining. <i>Applied Soft Computing Journal</i> , 2018, 71, 1204-1215.	4.1	6
47	Improving the Diagnosis of Liver Disease Using Multilayer Perceptron Neural Network and Boosted Decision Trees. <i>Journal of Medical and Biological Engineering</i> , 2018, 38, 953-965.	1.0	67
48	An Ensemble-Based Decision Tree Approach for Educational Data Mining. , 2018, , .		4
49	A Survey on Sharing Economy and Its Effect on Human Behavior Changes. , 2017, , .		2
50	Crowd Preference Mining and Analysis Based on Regional Characteristics on Airbnb. , 2017, , .		2
51	Rule Optimization of Boosted C5.0 Classification Using Genetic Algorithm for Liver disease Prediction. , 2017, , .		38
52	Design of A Universal User Model for Dynamic Crowd Preference Sensing and Decision-Making Behavior Analysis. <i>IEEE Access</i> , 2017, 5, 24842-24852.	2.6	19
53	Understanding regional characteristics through crowd preference and confidence mining in P2P accommodation rental service. <i>Library Hi Tech</i> , 2017, 35, 521-541.	3.7	21
54	Performance analysis of classification algorithms on early detection of liver disease. <i>Expert Systems With Applications</i> , 2017, 67, 239-251.	4.4	106

#	ARTICLE	IF	CITATIONS
55	Using PSO Algorithm for Producing Best Rules in Diagnosis of Heart Disease. , 2017, , .		50
56	Educational Data Mining Based on Multi-objective Weighted Voting Ensemble Classifier. , 2017, , .		2
57	Sharing economy and its effect on human behaviour changes in accommodation: a survey on Airbnb. International Journal of Social Humanistic Computing, 2017, 2, 203.	0.3	1
58	Comparing Performance of Data Mining Algorithms in Prediction Heart Diseases. International Journal of Electrical and Computer Engineering, 2015, 5, 1569.	0.5	62