Tao Hai

List of Publications by Year
in descending order

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38 papers	1,247 citations	448610 19 h-index	488211 31 g-index
38 all docs	38 docs citations	38 times ranked	1303 citing authors

#	Article	IF	Citations
1	Integration of extreme gradient boosting feature selection approach with machine learning models: application of weather relative humidity prediction. Neural Computing and Applications, 2022, 34, 515-533.	3.2	28
2	Groundwater level prediction using machine learning models: A comprehensive review. Neurocomputing, 2022, 489, 271-308.	3.5	115
3	Global solar radiation prediction over North Dakota using air temperature: Development of novel hybrid intelligence model. Energy Reports, 2021, 7, 136-157.	2.5	62
4	A Bibliometric Statistical Analysis of the Fuzzy Inference System - based Classifiers. IEEE Access, 2021, 9, 77811-77829.	2.6	2
5	Security robot for the prevention of workplace violence using the Non-linear Adaptive Heuristic Mathematical Model. Work, 2021, 68, 853-861.	0.6	2
6	Need for developing a security robot-based risk management for emerging practices in the workplace using the Advanced Human-Robot Collaboration Model. Work, 2021, 68, 825-834.	0.6	4
7	Security and privacy issues related to the workplace-based security robot system. Work, 2021, 68, 871-879.	0.6	1
8	RERS-CC: Robotic facial recognition system for improving the accuracy of human face identification using HRI. Work, 2021, 68, 923-934.	0.6	0
9	ADA-SR: Activity detection and analysis using security robots for reliable workplace safety. Work, 2021, 68, 935-943.	0.6	0
10	Interaction modeling and classification scheme for augmenting the response accuracy of human-robot interaction systems. Work, 2021, 68, 903-912.	0.6	0
11	A novel MPPT controller in PV systems with hybrid whale optimization-PS algorithm based ANFIS under different conditions. Control Engineering Practice, 2021, 112, 104809.	3.2	35
12	An intelligent evolutionary extreme gradient boosting algorithm development for modeling scour depths under submerged weir. Information Sciences, 2021, 570, 172-184.	4.0	30
13	A Refined Fuzzy Minâ€“Max Neural Network With New Learning Procedures for Pattern Classification. IEEE Transactions on Fuzzy Systems, 2020, 28, 2480-2494.	6.5	6
14	TrustData: Trustworthy and Secured Data Collection for Event Detection in Industrial Cyber-Physical System. IEEE Transactions on Industrial Informatics, 2020, 16, 3311-3321.	7.2	60
15	River suspended sediment load prediction based on river discharge information: application of newly developed data mining models. Hydrological Sciences Journal, 2020, 65, 624-637.	1.2	72
16	Training and Testing Data Division Influence on Hybrid Machine Learning Model Process: Application of River Flow Forecasting. Complexity, 2020, 2020, 1-22.	0.9	20
17	Internet of things assisted conditionâ€based support for smart manufacturing industry using learning technique. Computational Intelligence, 2020, 36, 1737-1754.	2.1	7
18	Wi-Fi Signal Analysis for Heartbeat and Metal Detection: A Comparative Study of Reliable Contactless Systems. , 2020, , .		3

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19	State-of-the Art-Powerhouse, Dam Structure, and Turbine Operation and Vibrations. Sustainability, 2020, 12, 1676.	1.6	19
20	Global Solar Radiation Estimation and Climatic Variability Analysis Using Extreme Learning Machine Based Predictive Model. IEEE Access, 2020, 8, 12026-12042.	2.6	59
21	A Newly Developed Integrative Bio-Inspired Artificial Intelligence Model for Wind Speed Prediction. IEEE Access, 2020, 8, 83347-83358.	2.6	26
22	Secured Data Collection With Hardware-Based Ciphers for IoT-Based Healthcare. IEEE Internet of Things Journal, 2019, 6, 410-420.	5.5	135
23	Visual Object Tracking in RGB-D Data via Genetic Feature Learning. Complexity, 2019, 2019, 1-8.	0.9	6
24	Logistic Model-based Measurement and Analysis of Factors Affecting Poverty in Underdeveloped Areas. , 2019, , .		1
25	Implementation of evolutionary computing models for reference evapotranspiration modeling: short review, assessment and possible future research directions. Engineering Applications of Computational Fluid Mechanics, 2019, 13, 811-823.	1.5	54
26	Load-carrying capacity and mode failure simulation of beam-column joint connection: Application of self-tuning machine learning model. Engineering Structures, 2019, 194, 220-229.	2.6	58
27	Prediction of emissions and performance of a gasoline engine running with fusel oilâ€“gasoline blends using response surface methodology. Fuel, 2019, 253, 1-14.	3.4	45
28	Economic perspective analysis of protecting big data security and privacy. Future Generation Computer Systems, 2019, 98, 660-671.	4.9	45
29	Designing a New Data Intelligence Model for Global Solar Radiation Prediction: Application of Multivariate Modeling Scheme. Energies, 2019, 12, 1365.	1.6	16
30	Multi-Agent Deep Reinforcement Learning for Multi-Object Tracker. IEEE Access, 2019, 7, 32400-32407.	2.6	36
31	The Feasibility of Integrative Radial Basis M5Tree Predictive Model for River Suspended Sediment Load Simulation. Water Resources Management, 2019, 33, 4471-4490.	1.9	35
32	Determination of biochemical oxygen demand and dissolved oxygen for semi-arid river environment: application of soft computing models. Environmental Science and Pollution Research, 2019, 26, 923-937.	2.7	30
33	Performance and emissions of gasoline blended with fusel oil that a potential using as an octane enhancer. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2019, 41, 931-947.	1.2	12
34	Blockchain and Big Data to Transform the Healthcare. , 2018, , .		47
35	Reference evapotranspiration prediction using hybridized fuzzy model with firefly algorithm: Regional case study in Burkina Faso. Agricultural Water Management, 2018, 208, 140-151.	2.4	142
36	What Is the Potential of Integrating Phase Space Reconstruction with SVM-FFA Data-Intelligence Model? Application of Rainfall Forecasting over Regional Scale. Water Resources Management, 2018, 32, 3935-3959.	1.9	32

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37	Review on Deep Learning-Based Face Analysis. Advanced Science Letters, 2018, 24, 7630-7635.	0.2	2
38	Multi-Period Investment Portfolio Selection of Interval Programming Based on Quantum Optimization Algorithm. Studies in Informatics and Control, 2018, 27, .	0.6	0