Reham R Mostafa

List of Publications by Year
in descending order

29 papers	1,017 citations	471061 17 h-index	525886 27 g-index
30 all docs	30 docs citations	30 times ranked	464 citing authors

#	Article	IF	Citations
1	Improving streamflow prediction using a new hybrid ELM model combined with hybrid particle swarm optimization and grey wolf optimization. Knowledge-Based Systems, 2021, 230, 107379.	4.0	117
2	Improved Feature Selection Model for Big Data Analytics. IEEE Access, 2020, 8, 66989-67004.	2.6	114
3	IoTBoT-IDS: A novel statistical learning-enabled botnet detection framework for protecting networks of smart cities. Sustainable Cities and Society, 2021, 72, 103041.	5.1	79
4	An Effective Feature Selection Model Using Hybrid Metaheuristic Algorithms for IoT Intrusion Detection. Sensors, 2022, 22, 1396.	2.1	63
5	Optimized ANFIS Model Using Hybrid Metaheuristic Algorithms for Parkinson's Disease Prediction in IoT Environment. IEEE Access, 2020, 8, 119252-119270.	2.6	61
6	A new random vector functional link integrated with mayfly optimization algorithm for performance prediction of solar photovoltaic thermal collector combined with electrolytic hydrogen production system. Applied Thermal Engineering, 2021, 193, 117055.	3.0	61
7	Estimating reference evapotranspiration using hybrid adaptive fuzzy inferencing coupled with heuristic algorithms. Computers and Electronics in Agriculture, 2021, 191, 106541.	3.7	60
8	Manganese (Mn) removal prediction using extreme gradient model. Ecotoxicology and Environmental Safety, 2020, 204, 111059.	2.9	51
9	The potential of a novel support vector machine trained with modified mayfly optimization algorithm for streamflow prediction. Hydrological Sciences Journal, 2022, 67, 161-174.	1.2	47
10	Improved seagull optimization algorithm using Lévy flight and mutation operator for feature selection. Neural Computing and Applications, 2022, 34, 7437-7472.	3.2	44
11	Development of new machine learning model for streamflow prediction: case studies in Pakistan. Stochastic Environmental Research and Risk Assessment, 2022, 36, 999-1033.	1.9	41
12	Boosting chameleon swarm algorithm with consumption AEO operator for global optimization and feature selection. Knowledge-Based Systems, 2022, 246, 108743.	4.0	33
13	Optimizing hyperparameters of deep reinforcement learning for autonomous driving based on whale optimization algorithm. PLoS ONE, 2021, 16, e0252754.	1.1	30
14	Improving Drought Modeling Using Hybrid Random Vector Functional Link Methods. Water (Switzerland), 2021, 13, 3379.	1.2	29
15	Modeling Multistep Ahead Dissolved Oxygen Concentration Using Improved Support Vector Machines by a Hybrid Metaheuristic Algorithm. Sustainability, 2022, 14, 3470.	1.6	21
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	COVID19 Classification Using CT Images via Ensembles of Deep Learning Models. Computers, Materials and Continua, 2021, 69, 319-337.	1.5	20
18	An Ensemble of Optimal Deep Learning Features for Brain Tumor Classification. Computers, Materials and Continua, 2021, 69, 2653-2670.	1.5	19

#	Article	IF	Citations
19	Enhanced COOT optimization algorithm for Dimensionality Reduction. , 2022, , .		17
20	Detecting the Phishing Attack Using Collaborative Approach and Secure Login through Dynamic Virtual Passwords. Webology, 2020, 17, 524-535.	0.3	15
21	Development of new computational machine learning models for longitudinal dispersion coefficient determination: case study of natural streams, United States. Environmental Science and Pollution Research, 2022, 29, 35841-35861.	2.7	15
22	Leveraging mist and fog for big data analytics in <scp>IoT</scp> environment. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4057.	2.6	14
23	Skin Lesion Segmentation and Classification Using Conventional and Deep Learning Based Framework. Computers, Materials and Continua, 2022, 71, 2477-2495.	1.5	14
24	Android malware classification based on random vector functional link and artificial Jellyfish Search optimizer. PLoS ONE, 2021, 16, e0260232.	1.1	10
25	ST-AL: a hybridized search based metaheuristic computational algorithm towards optimization of high dimensional industrial datasets. Soft Computing, 2023, 27, 13553-13581.	2.1	8
26	Safest Route Detection via Danger Index Calculation and K-Means Clustering. Computers, Materials and Continua, 2021, 69, 2761-2777.	1.5	6
27	A State-of-the-Art Review of Deep Reinforcement Learning Techniques for Real-Time Strategy Games. Studies in Computational Intelligence, 2021, , 285-307.	0.7	3
28	Human Gait Recognition: A Deep Learning and Best Feature Selection Framework. Computers, Materials and Continua, 2022, 70, 343-360.	1.5	3
29	Load Balancing Enhanced Technique for Static Task Scheduling in Cloud Computing Environments. Lecture Notes in Networks and Systems, 2020, , 411-430.	0.5	1