

Amin Salih Mohammed

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

355
citations

840776

11
h-index

888059

17
g-index

41
all docs

41
docs citations

41
times ranked

175
citing authors

#	ARTICLE	IF	CITATIONS
1	An efficient clinical support system for heart disease prediction using TANFIS classifier. Computational Intelligence, 2022, 38, 610-640.	3.2	63
2	Retransmission DBTMA Protocol With Fast Retransmission Strategy to Improve the Performance of MANETs. IEEE Access, 2019, 7, 85098-85109.	4.2	30
3	Exploiting the Local Optima in Genetic Algorithm using Tabu Search. Indian Journal of Science and Technology, 2019, 12, 1-13.	0.7	22
4	Presentation of Novel Architecture for Diagnosis and Identifying Breast Cancer Location Based on Ultrasound Images Using Machine Learning. Diagnostics, 2021, 11, 1870.	2.6	22
5	An Author Gender Detection Method Using Whale Optimization Algorithm and Artificial Neural Network. IEEE Access, 2020, 8, 48428-48437.	4.2	19
6	Formal Verification of a Hybrid Machine Learning-Based Fault Prediction Model in Internet of Things Applications. IEEE Access, 2020, 8, 23863-23874.	4.2	18
7	A well-trained artificial neural network (ANN) using the trainlm algorithm for predicting the rheological behavior of water " Ethylene glycol/WO3 " MWCNTs nanofluid. International Communications in Heat and Mass Transfer, 2022, 131, 105857.	5.6	18
8	FCO " Fuzzy constraints applied Cluster Optimization technique for Wireless AdHoc Networks. Computer Communications, 2020, 154, 501-508.	5.1	17
9	Improved Enhanced Dbtma with Contention-Aware Admission Control to Improve the Network Performance in Manets. Computers, Materials and Continua, 2019, 60, 435-454.	1.9	17
10	Smart Edge Computing for 5G/6G Satellite IOT for Reducing Inter Transmission Delay. Mobile Networks and Applications, 2022, 27, 1050-1059.	3.3	14
11	SOFC model parameter identification by means of Modified African Vulture Optimization algorithm. Energy Reports, 2021, 7, 7251-7260.	5.1	13
12	Mutation-based PSO techniques for optimal location and parameter settings of STATCOM under generator contingency. International Journal of Intelligence and Sustainable Computing, 2020, 1, 53.	0.4	12
13	Advanced Expert System Using Particle Swarm Optimization Based Adaptive Network Based Fuzzy Inference System to Diagnose the Physical Constitution of Human Body. Communications in Computer and Information Science, 2019, , 349-362.	0.5	11
14	Evaluation and Classification Risks of Implementing Blockchain in the Drug Supply Chain with a New Hybrid Sorting Method. Sustainability, 2021, 13, 11466.	3.2	10
15	Optimal Design of Electric Vehicle Parking Lot based on Energy Management Considering Hydrogen Storage System and Demand Side Management. Journal of Energy Storage, 2021, 42, 103045.	8.1	9
16	Adaptability of SOA in IoT Services " An Empirical Survey. International Journal of Computer Applications, 2018, 182, 25-28.	0.2	7
17	Nature Inspired Improved Firefly Algorithm for Node Clustering in WSNs. Computers, Materials and Continua, 2020, 64, 753-776.	1.9	7
18	Cancer Incidence in the Kurdistan Region of Iraq: Results of a Seven-Year Cancer Registration in Erbil and Duhok Governorates. Asian Pacific Journal of Cancer Prevention, 2022, 23, 601-615.	1.2	7

#	ARTICLE	IF	CITATIONS
19	Evaluation of Electrocardiogram Signals Classification Using CNN, SVM, and LSTM Algorithm: A review. , 2022, , .		7
20	Improving Energy Efficiency in Internet of Things using Artificial Bee Colony Algorithm. Recent Patents on Engineering, 2021, 15, 161-168.	0.4	6
21	Data fusion using Tabu crossover genetic algorithm in information retrieval. Journal of Intelligent and Fuzzy Systems, 2020, 39, 5407-5416.	1.4	5
22	An Intelligent Optimization Algorithm for Optimal Route Selection for Wireless Sensor Networks. Journal of Engineering and Applied Sciences, 2019, 14, 6510-6518.	0.2	3
23	FUZZY APPLIED ENERGY AWARE CLUSTERING BASED ROUTING FOR IOT NETWORKS. Advanced Information Systems, 2019, 3, 140-145.	0.1	3
24	WTD-PSD: Presentation of Novel Feature Extraction Method Based on Discrete Wavelet Transformation and Time-Dependent Power Spectrum Descriptors for Diagnosis of Alzheimer's Disease. Computational Intelligence and Neuroscience, 2022, 2022, 1-13.	1.7	3
25	A Comparative Evaluation of Deep Learning Methods in Automated Classification of White Blood Cell Images. , 2022, , .		3
26	Collaborative Filtering Method with the use of Production Rules. , 2019, , .		2
27	Automated Gardening System with Frost Prediction for Small Land Parcels. , 2020, , .		2
28	Secure Localization Based Authentication (SLA) Strategy for Data Integrity in WNS. Computers, Materials and Continua, 2021, 67, 4005-4018.	1.9	2
29	DTCR: delay time aware controlled rebroadcasting mechanism for intelligent transportation systems. Soft Computing, 2021, 25, 12537-12549.	3.6	1
30	Multiparametric Assesment of the Conditional Channel of Multitarent Radio Communication Systems using Fuzzy Sets. , 2019, , .		0
31	Efficient coverage greedy packet stateless routing in wireless sensor networks. Measurement and Control, 2020, 53, 1116-1121.	1.8	0
32	Clinical Spectrum and outcome of Childhood Tuberculosis in Mohammed Al-Amin Hamid Hospital for Children 2017-2018, Sudan. Sudanese Journal of Paediatrics, 2021, 21, 1.	0.6	0
33	Securing the Sensor Networks Along With Secured Routing Protocols for Data Transfer in Wireless Sensor Networks. SSRN Electronic Journal, 0, , .	0.4	0
34	CONCEPTUAL ANALYSIS OF IRIS RECOGNITION SYSTEMS. Advanced Information Systems, 2019, 3, 86-90.	0.1	0
35	Saving Private Money. Revista San Gregorio, 2019, 1, 204.	0.1	0
36	Network Traffic Drop Minimization During Maintenance Using Jaya Optimization Algorithm. International Journal of Advanced Trends in Computer Science and Engineering, 2019, 8, 2418-2428.	0.2	0

#	ARTICLE	IF	CITATIONS
37	A Novel Method for Increasing the Overheat Ability of Radio Communication Devices with Frequency Hopping Spread Spectrum. International Journal of Interactive Mobile Technologies, 2020, 14, 224.	1.2	0
38	Development of coroutines usage model for cooperative multitasking implementation on the systems with limited resources. Annals of Operations Research, 0, , 1.	4.1	0
39	Investigating the spread of a disease on the prey and predator interactions through a nonsingular fractional model. Results in Physics, 2022, 32, 105084.	4.1	0
40	(Retracted) Temporary Petri-nets-based method for synthesizing network models. Journal of Electronic Imaging, 2022, 31, .	0.9	0