Ahmad Ali AlZubi

List of Publications by Year
in descending order

		623734	752698
39 papers	**532** citations	**14** h-index	**20** g-index
41 all docs	**41** docs citations	**41** times ranked	**381** citing authors

#	Article	IF	Citations
1	Trust-based neighbor selection using activation function for secure routing in wireless sensor networks. Journal of Ambient Intelligence and Humanized Computing, 0, , 1.	4.9	43
2	Decentralized Telemedicine Framework for a Smart Healthcare Ecosystem. IEEE Access, 2020, 8, 166575-166588.	4.2	40
3	A Probability Preferred Priori Offloading Mechanism in Mobile Edge Computing. IEEE Access, 2020, 8, 39758-39767.	4.2	40
4	Cyber-attack detection in healthcare using cyber-physical system and machine learning techniques. Soft Computing, 2021, 25, 12319-12332.	3.6	32
5	A Comprehensive Review on Medical Diagnosis Using Machine Learning. Computers, Materials and Continua, 2021, 67, 1997-2014.	1.9	27
6	Optimized feature selection algorithm based on fireflies with gravitational ant colony algorithm for big data predictive analytics. Neural Computing and Applications, 2019, 31, 1391-1403.	5.6	26
7	Multi-sensor information fusion for Internet of Things assisted automated guided vehicles in smart city. Sustainable Cities and Society, 2021, 64, 102539.	10.4	26
8	A Lightweight Authentication Scheme for 6G-IoT Enabled Maritime Transport System. IEEE Transactions on Intelligent Transportation Systems, 2021, , 1-10.	8.0	26
9	SDN-Assisted Safety Message Dissemination Framework for Vehicular Critical Energy Infrastructure. IEEE Transactions on Industrial Informatics, 2022, 18, 3510-3518.	11.3	23
10	Deep brain simulation wearable IoT sensor device based Parkinson brain disorder detection using heuristic tubu optimized sequence modular neural network. Measurement: Journal of the International Measurement Confederation, 2020, 161, 107887.	5.0	21
11	Neighbor predictive adaptive handoff algorithm for improving mobility management in VANETs. Computer Networks, 2019, 151, 224-231.	5.1	19
12	Data mining techniques for analyzing healthcare conditions of urban space-person lung using meta-heuristic optimized neural networks. Cluster Computing, 2020, 23, 1781-1794.	5.0	19
13	Detection and Classification of Colorectal Polyp Using Deep Learning. BioMed Research International, 2022, 2022, 1-9.	1.9	17
14	Enhanced Computational Model for Gravitational Search Optimized Echo State Neural Networks Based Oral Cancer Detection. Journal of Medical Systems, 2018, 42, 205.	3.6	16
15	A Secure and Lightweight Drones-Access Protocol for Smart City Surveillance. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 19634-19643.	8.0	16
16	Location assisted delay-less service discovery method for IoT environments. Computer Communications, 2020, 150, 405-412.	5.1	15
17	An optimal storage utilization technique for IoT devices using sequential machine learning. Computer Networks, 2019, 152, 98-105.	5.1	12
18	Memetic Search Optimization Along with Genetic Scale Recurrent Neural Network for Predictive Rate of Implant Treatment. Journal of Medical Systems, 2018, 42, 202.	3.6	11

#	Article	IF	Citations
19	A best-fit routing algorithm for non-redundant communication in large-scale IoT based network. Computer Networks, 2019, 152, 106-113.	5.1	11
20	Brain epilepsy seizure detection using bio-inspired krill herd and artificial alga optimized neural network approaches. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 3317-3328.	4.9	11
21	Intelligent Traffic Engineering in Software-Defined Vehicular Networking Based on Multi-Path Routing. IEEE Access, 2020, 8, 62334-62342.	4.2	9
22	Analyzing fibrous tissue pattern in fibrous dysplasia bone images using deep R-CNN networks for segmentation. Soft Computing, 2022, 26, 7519-7533.	3.6	9
23	Machine Learning Techniques for Quantification of Knee Segmentation from MRI. Complexity, 2020, 2020, 1-13.	1.6	8
24	IoT-based automated water pollution treatment using machine learning classifiers. Environmental Technology (United Kingdom), 2022, , 1-9.	2.2	7
25	FairHealth: Long-Term Proportional Fairness-Driven 5G Edge Healthcare in Internet of Medical Things. IEEE Transactions on Industrial Informatics, 2022, 18, 8905-8915.	11.3	7
26	Multiple Attribute Group Decision-Making Based on Intuitionistic Fuzzy Schweizer-Sklar Generalized Power Aggregation Operators. Mathematical Problems in Engineering, 2022, 2022, 1-34.	1.1	5
27	An optimal sensor placement algorithm (O-SPA) for improving tracking precision of human activity in real-world healthcare systems. Computer Communications, 2019, 148, 9-16.	5.1	4
28	RFID Adaption in Healthcare Organizations: An Integrative Framework. Computers, Materials and Continua, 2022, 70, 1335-1348.	1.9	4
29	Automated control scheduling to improve the operative performance of smart renewable energy systems. Sustainable Energy Technologies and Assessments, 2021, 45, 101036.	2.7	3
30	An Efficient Stacked Deep Transfer Learning Model for Automated Diagnosis of Lyme Disease. Computational Intelligence and Neuroscience, 2022, 2022, 1-9.	1.7	3
31	Influence of COVID-19 on the Tourism Industry in China: An Artificial Neural Networks Approach. Journal of Healthcare Engineering, 2022, 2022, 1-14.	1.9	3
32	A Pansharpening Based on the Non-Subsampled Contourlet Transform and Convolutional Autoencoder: Application to QuickBird Imagery. IEEE Access, 2022, 10, 44778-44788.	4.2	3
33	Single-image reconstruction using novel super-resolution technique for large-scaled images. Soft Computing, 2022, 26, 8089-8103.	3.6	2
34	Study of soft-tissues borderline class I malocclusion on tooth extraction and non-extraction process using medical IoT device. Measurement: Journal of the International Measurement Confederation, 2019, 134, 923-929.	5.0	1
35	Machine Learning-Based Channel Analysis for User Concentric Optical Switching Networks. Circuits, Systems, and Signal Processing, 2020, 39, 1178-1194.	2.0	1
36	Multimodal Learning Optimization for Enhancing Channel Usage in Wireless Communication. Circuits, Systems, and Signal Processing, 2020, 39, 1146-1162.	2.0	1

#	Article	IF	Citations
37	Fuzzy system design: Steps for digital controllers optimization. , 2010, , .		0
38	Intelligent Approach for Traffic Orchestration in SDVN Based on CMPR. Computers, Materials and Continua, 2021, 67, 3749-3763.	1.9	0
39	Modified Algorithm for Enhancing the Performance of Grid Systems in Task Scheduling. Advances in Intelligent Systems and Computing, 2020, , 3-10.	0.6	0