Ahmad M Khasawneh

List of Publications by Year
in descending order

26 papers	927 citations	516710 16 h-index	610901 24 g-index
26 all docs	26 docs citations	26 times ranked	688 citing authors

#	Article	IF	Citations
1	Mothâ€“flame optimization algorithm: variants and applications. Neural Computing and Applications, 2020, 32, 9859-9884.	5.6	159
2	A reliable energy-efficient pressure-based routing protocol for underwater wireless sensor network. Wireless Networks, 2018, 24, 2061-2075.	3.0	91
3	Advances in Meta-Heuristic Optimization Algorithms in Big Data Text Clustering. Electronics (Switzerland), 2021, 10, 101.	3.1	65
4	Advanced metaheuristic optimization techniques in applications of deep neural networks: a review. Neural Computing and Applications, 2021, 33, 14079-14099.	5.6	60
5	Nature-Inspired Optimization Algorithms for Text Document Clusteringâ€”A Comprehensive Analysis. Algorithms, 2020, 13, 345.	2.1	58
6	Meta-heuristic optimization algorithms for solving real-world mechanical engineering design problems: a comprehensive survey, applications, comparative analysis, and results. Neural Computing and Applications, 2022, 34, 4081-4110.	5.6	51
7	Next Forwarding Node Selection in Underwater Wireless Sensor Networks (UWSNs): Techniques and Challenges. Information (Switzerland), 2017, 8, 3.	2.9	50
8	Variants of the Low-Energy Adaptive Clustering Hierarchy Protocol: Survey, Issues and Challenges. Electronics (Switzerland), 2018, 7, 136.	3.1	46
9	Wireless Sensor Networks for Smart Cities: Network Design, Implementation and Performance Evaluation. Electronics (Switzerland), 2021, 10, 218.	3.1	43
10	Green Computing in Underwater Wireless Sensor Networks Pressure Centric Energy Modeling. IEEE Systems Journal, 2020, 14, 4735-4745.	4.6	39
11	Dragonfly algorithm: a comprehensive survey of its results, variants, and applications. Multimedia Tools and Applications, 2021, 80, 14979-15016.	3.9	37
12	A parallel hybrid krill herd algorithm for feature selection. International Journal of Machine Learning and Cybernetics, 2021, 12, 783-806.	3.6	33
13	Feature selection method using improved CHI Square on Arabic text classifiers: analysis and application. Multimedia Tools and Applications, 2021, 80, 10373-10390.	3.9	29
14	An improved chaotic image encryption algorithm using Hadoop-based MapReduce framework for massive remote sensed images in parallel IoT applications. Cluster Computing, 2022, 25, 999-1013.	5.0	27
15	On the Potential of Fuzzy Logic for Solving the Challenges of Cooperative Multi-Robotic Wireless Sensor Networks. Electronics (Switzerland), 2019, 8, 1513.	3.1	20
16	Towards Green Computing Oriented Security: A Lightweight Postquantum Signature for IoE. Sensors, 2021, 21, 1883.	3.8	18
17	An Efficient Void Aware Framework for Enabling Internet of Underwater Things. Journal of Marine Science and Engineering, 2021, 9, 1219.	2.6	16
18	Black hole algorithm: A comprehensive survey. Applied Intelligence, 2022, 52, 11892-11915.	5.3	16

#	Article	IF	Citations
19	TS-GWO: IoT Tasks Scheduling in Cloud Computing Using Grey Wolf Optimizer. , 2020, , 127-152.		15
20	Void Aware Routing Protocols in Underwater Wireless Sensor Networks: Variants and challenges. Journal of Physics: Conference Series, 2020, 1550, 032145.	0.4	13
21	Grouping and Sponsoring Centric Green Coverage Model for Internet of Things. Sensors, 2021, 21, 3948.	3.8	11
22	Service-Centric Heterogeneous Vehicular Network Modeling for Connected Traffic Environments. Sensors, 2022, 22, 1247.	3.8	11
23	An intelligent long-lived TCP based on real-time traffic regulation. Multimedia Tools and Applications, 2021, 80, 16763-16780.	3.9	8
24	Green Communication for Underwater Wireless Sensor Networks: Triangle Metric Based Multi-Layered Routing Protocol. Sensors, 2020, 20, 7278.	3.8	6
25	Satellite images encryption Review. , 2020, , .		4
26	Corrigendum to â€œEarly Detection of Medical Image Analysis by Using Machine Learning Methodâ€• Computational and Mathematical Methods in Medicine, 2022, 2022, 1-1.	1.3	1