

Syed Bilal Hussain Shah

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

821
citations

840776

11
h-index

610901

24
g-index

35
all docs

35
docs citations

35
times ranked

868
citing authors

#	ARTICLE	IF	CITATIONS
1	Smart grid communication and information technologies in the perspective of Industry 4.0: Opportunities and challenges. <i>Computer Science Review</i> , 2018, 30, 1-30.	15.3	251
2	Smart IoT Control-Based Nature Inspired Energy Efficient Routing Protocol for Flying Ad Hoc Network (FANET). <i>IEEE Access</i> , 2020, 8, 56371-56378.	4.2	115
3	A Review of Machine Learning Algorithms for Cloud Computing Security. <i>Electronics (Switzerland)</i> , 2020, 9, 1379.	3.1	72
4	Energy and interoperable aware routing for throughput optimization in clustered IoT-wireless sensor networks. <i>Future Generation Computer Systems</i> , 2018, 81, 372-381.	7.5	62
5	Penetration testing framework for smart contract Blockchain. <i>Peer-to-Peer Networking and Applications</i> , 2021, 14, 2635-2650.	3.9	55
6	3D weighted centroid algorithm & RSSI ranging model strategy for node localization in WSN based on smart devices. <i>Sustainable Cities and Society</i> , 2018, 39, 298-308.	10.4	47
7	Comparative Study of IoT-Based Topology Maintenance Protocol in a Wireless Sensor Network for Structural Health Monitoring. <i>Remote Sensing</i> , 2020, 12, 2358.	4.0	31
8	QoS-RP: A Cross-layer QoS Channel-Aware Routing Protocol for the Internet of Underwater Acoustic Sensor Networks. <i>Sensors</i> , 2019, 19, 4762.	3.8	25
9	Pilot Decontamination Using Asynchronous Fractional Pilot Scheduling in Massive MIMO Systems. <i>Sensors</i> , 2020, 20, 6213.	3.8	19
10	Routing protocols & unmanned aerial vehicles autonomous localization in flying networks. <i>International Journal of Communication Systems</i> , 0, , e4885.	2.5	17
11	OPEN: Optimized Path Planning Algorithm with Energy Efficiency and Extending Network - Lifetime in WSN. <i>Journal of Computing and Information Technology</i> , 2017, 25, 1-14.	0.3	15
12	New Trends and Advancement in Next Generation Mobile Wireless Communication (6G): A Survey. <i>Wireless Communications and Mobile Computing</i> , 2021, 2021, 1-14.	1.2	15
13	Depth based routing protocol using smart clustered sensor nodes in underwater WSN. , 2018, , .		12
14	Efficient data transfer in clustered IoT network with cooperative member nodes. <i>Multimedia Tools and Applications</i> , 2020, 79, 34241-34251.	3.9	11
15	Reinforce Based Optimization in Wireless Communication Technologies and Routing Techniques Using Internet of Flying Vehicles. , 2020, , .		9
16	Smart Underwater Pollution Detection Based on Graph-Based Multi-Agent Reinforcement Learning Towards AUV-Based Network ITS. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2023, 24, 7494-7505.	8.0	9
17	Li-local. , 2018, , .		7
18	Bayesian estimation and prediction for Burrâ€”Rayleigh mixture model using censored data. <i>International Journal of Communication Systems</i> , 2019, 32, e4094.	2.5	7

#	ARTICLE	IF	CITATIONS
19	Integrating Mobile Edge Computing Into Unmanned Aerial Vehicle Networks: An Sdn-Enabled Architecture. IEEE Internet of Things Magazine, 2021, 4, 18-23.	2.6	7
20	Mobile Edge Computing Enabled Efficient Communication Based on Federated Learning in Internet of Medical Things. Wireless Communications and Mobile Computing, 2021, 2021, 1-10.	1.2	5
21	Water rippling shaped clustering strategy for efficient performance of software define wireless sensor networks. Peer-to-Peer Networking and Applications, 2019, 12, 371-380.	3.9	4
22	EMMM: Energy-efficient mobility management model for context-aware transactions over mobile communication. Sustainable Computing: Informatics and Systems, 2021, 30, 100499.	2.2	4
23	Source Routing for Distributed Big Data-Based Cognitive Internet of Things (CloT). Wireless Communications and Mobile Computing, 2021, 2021, 1-10.	1.2	4
24	Joint mode selection and user association in D2D enabled multitier C-RAN. Cluster Computing, 2022, 25, 2403-2415.	5.0	4
25	History and buffer rule based (forward chaining/data driven) intelligent system for storage level big data congestion handling in smart opportunistic network. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 2895-2905.	4.9	3
26	Bayesian Analysis of Cancer Data Using a 4-Component Exponential Mixture Model. Computational and Mathematical Methods in Medicine, 2021, 2021, 1-11.	1.3	3
27	Collating and Analysing State-of-the-Art Hierarchical Routing Protocols in WSN to Increase Network Lifetime and Conserve Energy. , 2017, , .		2
28	Non-Cooperative Game to Balance Energy and Security in Resource Constrained IoT Networks. , 2020, , .		2
29	An efficient cluster designing mechanism for Wireless Sensor Networks. , 2017, , .		1
30	Deployment of reliable, simple, and cost-effective medium access control protocols for multi-layer flying ad-hoc networks. , 2018, , .		1
31	Comparison and Analysis of Network Construction Methods for Seismicity Based on Complex Networks. Complexity, 2021, 2021, 1-11.	1.6	1
32	Enhancing Security-Problem-Based Deep Learning in Mobile Edge Computing. ACM Transactions on Internet Technology, 2022, 22, 1-15.	4.4	1
33	Ant colony based optimization technique to mitigate dynamic routing challenges in packet based networks. , 2018, , .		0
34	Research Challenges in the Internet of Things (IoTs). EAI/Springer Innovations in Communication and Computing, 2019, , 263-274.	1.1	0
35	An SDN-IoT-based secure simulation system for smart cities. International Journal of Ad Hoc and Ubiquitous Computing, 2021, 38, 199.	0.5	0