

# Syed Bilal Hussain Shah

## List of Publications by Year in descending order

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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 Underwater Pollution Detection Based on Graph-Based Multi-Agent Reinforcement Learning Towards AUV-Based Network ITS. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 7494-7505.	8.0	9
2	Joint mode selection and user association in D2D enabled multitier C-RAN. Cluster Computing, 2022, 25, 2403-2415.	5.0	4
3	Enhancing Security-Problem-Based Deep Learning in Mobile Edge Computing. ACM Transactions on Internet Technology, 2022, 22, 1-15.	4.4	1
4	Penetration testing framework for smart contract Blockchain. Peer-to-Peer Networking and Applications, 2021, 14, 2635-2650.	3.9	55
5	Comparison and Analysis of Network Construction Methods for Seismicity Based on Complex Networks. Complexity, 2021, 2021, 1-11.	1.6	1
6	EMMM: Energy-efficient mobility management model for context-aware transactions over mobile communication. Sustainable Computing: Informatics and Systems, 2021, 30, 100499.	2.2	4
7	Source Routing for Distributed Big Data-Based Cognitive Internet of Things (CIoT). Wireless Communications and Mobile Computing, 2021, 2021, 1-10.	1.2	4
8	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
9	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
10	An SDN-IoT-based secure simulation system for smart cities. International Journal of Ad Hoc and Ubiquitous Computing, 2021, 38, 199.	0.5	0
11	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
12	New Trends and Advancement in Next Generation Mobile Wireless Communication (6G): A Survey. Wireless Communications and Mobile Computing, 2021, 2021, 1-14.	1.2	15
13	Pilot Decontamination Using Asynchronous Fractional Pilot Scheduling in Massive MIMO Systems. Sensors, 2020, 20, 6213.	3.8	19
14	Non-Cooperative Game to Balance Energy and Security in Resource Constrained IoT Networks. , 2020, , .		2
15	Comparative Study of IoT-Based Topology Maintenance Protocol in a Wireless Sensor Network for Structural Health Monitoring. Remote Sensing, 2020, 12, 2358.	4.0	31
16	A Review of Machine Learning Algorithms for Cloud Computing Security. Electronics (Switzerland), 2020, 9, 1379.	3.1	72
17	Smart IoT Control-Based Nature Inspired Energy Efficient Routing Protocol for Flying Ad Hoc Network (FANET). IEEE Access, 2020, 8, 56371-56378.	4.2	115
18	Efficient data transfer in clustered IoT network with cooperative member nodes. Multimedia Tools and Applications, 2020, 79, 34241-34251.	3.9	11

#	ARTICLE	IF	CITATIONS
19	Reinforce Based Optimization in Wireless Communication Technologies and Routing Techniques Using Internet of Flying Vehicles. , 2020, , .		9
20	Bayesian estimation and prediction for Burrâ€Rayleigh mixture model using censored data. International Journal of Communication Systems, 2019, 32, e4094.	2.5	7
21	QoS SRP: A Cross-layer QoS Channel-Aware Routing Protocol for the Internet of Underwater Acoustic Sensor Networks. Sensors, 2019, 19, 4762.	3.8	25
22	Research Challenges in the Internet of Things (IoT). EAI/Springer Innovations in Communication and Computing, 2019, , 263-274.	1.1	0
23	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
24	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
25	3D weighted centroid algorithm & RSSI ranging model strategy for node localization in WSN based on smart devices. Sustainable Cities and Society, 2018, 39, 298-308.	10.4	47
26	Energy and interoperable aware routing for throughput optimization in clustered IoT-wireless sensor networks. Future Generation Computer Systems, 2018, 81, 372-381.	7.5	62
27	Li-local. , 2018, , .		7
28	Deployment of reliable, simple, and cost-effective medium access control protocols for multi-layer flying ad-hoc networks. , 2018, , .		1
29	Depth based routing protocol using smart clustered sensor nodes in underwater WSN. , 2018, , .		12
30	Ant colony based optimization technique to mitigate dynamic routing challenges in packet based networks. , 2018, , .		0
31	Smart grid communication and information technologies in the perspective of Industry 4.0: Opportunities and challenges. Computer Science Review, 2018, 30, 1-30.	15.3	251
32	An efficient cluster designing mechanism for Wireless Sensor Networks. , 2017, , .		1
33	Collating and Analysing State-of-the-Art Hierarchical Routing Protocols in WSN to Increase Network Lifetime and Conserve Energy. , 2017, , .		2
34	OPEN: Optimized Path Planning Algorithm with Energy Efficiency and Extending Network - Lifetime in WSN. Journal of Computing and Information Technology, 2017, 25, 1-14.	0.3	15
35	Routing protocols & unmanned aerial vehicles autonomous localization in flying networks. International Journal of Communication Systems, 0, , e4885.	2.5	17