Mohammad Tahir

List of Publications by Year
in descending order

		1040056	1125743
31 papers	759 citations	9 h-index	13 g-index
31 all docs	31 docs citations	31 times ranked	663 citing authors

#	ARTICLE	IF	CITATIONS
1	5G-Based Smart Healthcare Network: Architecture, Taxonomy, Challenges and Future Research Directions. IEEE Access, 2019, 7, 100747-100762.	4.2	231
2	Technologies Trend towards 5G Network for Smart Health-Care Using IoT: A Review. Sensors, 2020, 20, 4047.	3.8	132
3	A survey of empirical performance evaluation of permissioned blockchain platforms: Challenges and opportunities. Computers and Security, 2021, 100, 102078.	6.0	69
4	A Review on Application of Blockchain in 5G and Beyond Networks: Taxonomy, Field-Trials, Challenges and Opportunities. IEEE Access, 2020, 8, 115876-115904.	4.2	58
5	Towards Energy Efficient 5G Networks Using Machine Learning: Taxonomy, Research Challenges, and Future Research Directions. IEEE Access, 2020, 8, 187498-187522.	4.2	44
6	Performance Analysis of Blockchain Platforms: Empirical Evaluation of Hyperledger Fabric and Ethereum. , 2020, , .		38
7	Rapid development of smart parking system with cloud-based platforms. , 2014, , .		29
8	Machine Learning for Authentication and Authorization in IoT: Taxonomy, Challenges and Future Research Direction. Sensors, 2021, 21, 5122.	3.8	28
9	Blockchain for Identity Management: The Implications to Personal Data Protection. , 2019, , .		16
10	Wireless physical layer security using encryption and channel pre-compensation. , 2010, , .		12
11	Experimental implementation of dynamic spectrum access for video transmission using USRP. , 2012, , .		12
12	Energy-Efficient Ultra-Dense 5G Networks: Recent Advances, Taxonomy and Future Research Directions. IEEE Access, 2021, 9, 147692-147716.	4.2	12
13	An Intelligent Clustering-Based Routing Protocol (CRP-GR) for 5G-Based Smart Healthcare Using Game Theory and Reinforcement Learning. Applied Sciences (Switzerland), 2021, 11, 9993.	2.5	11
14	Anomaly Detection in ICS Datasets with Machine Learning Algorithms. Computer Systems Science and Engineering, 2021, 37, 33-46.	2.4	10
15	Novel distributed algorithm for coalition formation for enhanced spectrum sensing in cognitive radio networks. AEU - International Journal of Electronics and Communications, 2017, 77, 139-148.	2.9	9
16	Cognitive Radio test bed experimentation using USRP and Matlab®/Simulink®. , 2012, , .		8
17	Towards Integration of Blockchain and IoT: A Bibliometric Analysis of State-of-the-Art. Advances in Intelligent Systems and Computing, 2020, , 27-35.	0.6	8
18	Performance evaluation of centralized and decentralized cooperative spectrum sensing in cognitive radio networks. , 2012, , .		7

#	Article	IF	Citations
19	A Strategic and Significant Method for the Optimal Placement of Phasor Measurement Unit for Power System Network. Symmetry, 2020, 12, 1174.	2.2	7
20	A Game Theory Based Clustering Scheme (GCS) for 5G-based Smart Healthcare. , 2020, , .		5
21	Wireless physical layer security using channel state information. , 2010, , .		4
22	Coalition formation for cooperative spectrum sharing in cognitive radio wireless networks using Gale Shapley algorithm. , 2015, , .		3
23	Novel distributed algorithm for coalition formation in cognitive radio networks for throughput enhancement using matching theory. International Journal of Communication Systems, 2017, 30, e3332.	2.5	2
24	BER analysis of variable sub-carrier bandwidth OFDMA systems. , 2010, , .		1
25	Throughput enhancement in cognitive radio network via coalition formation using matching theory. , 2015, , .		1
26	Energy-efficient load-aware user association in ultra-dense wireless network. , 2021, , .		1
27	Optimal Route Selection in 5G-based Smart Health-care Network: A Reinforcement Learning Approach. , 2021, , .		1
28	MCCA-assisted multi-radio system using directional antenna. , 2012, , .		0
29	A Hybrid Scheme for Wireless Physical Layer Security Based on Encryption and Channel Pre-compensation. IETE Journal of Research, 2014, 60, 267-275.	2.6	0
30	Coalition Formation for Throughput Enhancement via One-Sided Matching Theory. , 2016, , .		0
31	Performance analysis of coalition formation algorithms based on matching theory for cognitive radio networks. , 2016, , .		0