Rao Naveed Bin Rais

List of Publications by Year
in descending order

43 papers	491 citations	1040056 9 h-index	752698 20 g-index
46 all docs	46 docs citations	46 times ranked	556 citing authors

#	Article	IF	Citations
1	Context-Aware Wireless Connectivity and Processing Unit Optimization for IoT Networks. IEEE Internet of Things Journal, 2022, 9, 16028-16043.	8.7	2
2	Mobility Management in the Applications of 5G and Beyond: A Handover Skipping Topology Analysis. , 2022, , .		3
3	Employing Industrial Quality Management Systems for Quality Assurance in Outcome-Based Engineering Education: A Review. Education Sciences, 2021, 11, 45.	2.6	6
4	Soft-Mesh: A Robust Routing Architecture for Hybrid SDN and Wireless Mesh Networks. IEEE Access, 2021, 9, 87715-87730.	4.2	10
5	On the classification of Microsoft-Windows ransomware using hardware profile. PeerJ Computer Science, 2021, 7, e361.	4.5	12
6	Developing Fine-Grained Performance Indicators for Assessment of Computer Engineering using Outcome-Baseda Education. , 2021, , .		2
7	Detection of malicious consumer interest packet with dynamic threshold values. PeerJ Computer Science, 2021, 7, e435.	4.5	4
8	Energy Optimization in Ultra-Dense Radio Access Networks via Traffic-Aware Cell Switching. IEEE Transactions on Green Communications and Networking, 2021, 5, 832-845.	5.5	14
9	Edge Intelligence in Private Mobile Networks for Next-Generation Railway Systems. Frontiers in Communications and Networks, 2021, 2, .	3.0	7
10	Employing Machine Learning for Predicting Transportation Modes Under the COVID-19 Pandemic: A Mobility-Trends Analysis. , 2021, , .		0
11	Mobility Management-Based Autonomous Energy-Aware Framework Using Machine Learning Approach in Dense Mobile Networks. Signals, 2020, 1, 170-187.	1.9	10
12	Load-Aware Cell Switching in Ultra-Dense Networks: An Artificial Neural Network Approach. , 2020, , .		1
13	An Enhanced Firefly Algorithm Using Pattern Search for Solving Optimization Problems. IEEE Access, 2020, 8, 148264-148288.	4.2	10
14	SDNMesh: An SDN Based Routing Architecture for Wireless Mesh Networks. IEEE Access, 2020, 8, 136769-136781.	4.2	16
15	Modeling an Optimized Approach for Load Balancing in Cloud. IEEE Access, 2020, 8, 173208-173226.	4.2	20
16	Indoor Mobile Localization Using Wireless Sensor Networks (WSNs). Advances in Intelligent Systems and Computing, 2020, , 341-351.	0.6	1
17	SDNHybridMesh: A Hybrid Routing Architecture for SDN Based Wireless Mesh Networks. Advances in Intelligent Systems and Computing, 2020, , 366-375.	0.6	1
18	Study and analysis of mobility, security, and caching issues in CCN. International Journal of Electrical and Computer Engineering, 2020, 10, 1438.	0.7	2

#	ARTICLE	IF	CITATIONS
19	Data offloading in IoT environments: modeling, analysis, and verification. Eurasip Journal on Wireless Communications and Networking, 2019, 2019, .	2.4	13
20	Miracle: An Agile Colocation Platform for Enabling XaaS Cloud Architecture. , 2019, , .		1
21	The Insights of Mobile Data Offloading: A Comparative Study. , 2019, , .		1
22	Optimal Content Caching in Content-Centric Networks. Wireless Communications and Mobile Computing, 2019, 2019, 1-15.	1.2	32
23	Reinforcement Learning driven Energy Efficient Mobile Communication and Applications. , 2019, , .		7
24	A Resource Efficient Multi-Dimensional Cache Management Strategy in Content Centric Networks. Journal of Computational and Theoretical Nanoscience, 2018, 15, 1137-1152.	0.4	5
25	Run-time Detection of Prime + Probe Side-Channel Attack on AES Encryption Algorithm. , 2018, , .		14
26	Fog-Supported Internet of Things (IoTs) Architecture for Remote Patient Monitoring Systems Using Wireless Body Area Sensor Networks. , 2018, , .		6
27	A dynamic caching strategy for CCN-based MANETs. Computer Networks, 2018, 142, 93-107.	5.1	13
28	Cooperation in Opportunistic Networks: An Overlay Approach for Destination-Dependent Utility-Based Schemes. Arabian Journal for Science and Engineering, 2017, 42, 467-482.	3.0	5
29	Benchmarking and Modeling of Routing Protocols for Delay Tolerant Networks. Wireless Personal Communications, 2017, 94, 859-888.	2.7	5
30	Multi-Attribute Caching: Towards efficient cache management in Content-Centric Networks. , 2016, , .		3
31	Resource Aware Routing in Heterogeneous Opportunistic Networks. International Journal of Distributed Sensor Networks, 2016, 12, 2907980.	2.2	2
32	A multi-attribute routing protocol for opportunistic network environments. , 2014, , .		1
33	Information-Centric Networks: Categorizations, challenges, and classifications. , 2014, , .		7
34	Analysis of TCP under Wireless Circumstances: A Performance Evaluation. , 2012, , .		0
35	Towards truly heterogeneous internets: Bridging infrastructure-based and infrastructure-less networks. , 2011, , .		6
36	Efficient content dissemination in heterogeneous networks prone to episodic connectivity. Computer Communication Review, 2011, 41, 480-481.	1.8	1

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37	Message delivery in heterogeneous networks prone to episodic connectivity. Wireless Networks, 2011, 17, 1775-1794.	3.0	5
38	Efficient content dissemination in heterogeneous networks prone to episodic connectivity. , 2011, , .		1
39	Naming for heterogeneous networks prone to episodic connectivity. , 2011, , .		5
40	Routing for disruption tolerant networks: taxonomy and design. Wireless Networks, 2010, 16, 2349-2370.	3.0	210
41	Coping with episodic connectivity in heterogeneous networks. , 2008, , .		5
42	A new algorithm of stereo matching using epipolar geometry. , 0, , .		1
43	Adaptive thresholding technique for document image analysis. , 0, , .		16