

Omar Said

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

350
citations

933264

10
h-index

794469

19
g-index

23
all docs

23
docs citations

23
times ranked

306
citing authors

#	ARTICLE	IF	CITATIONS
1	EMS: An Energy Management Scheme for Green IoT Environments. IEEE Access, 2020, 8, 44983-44998.	2.6	65
2	IoT-RTP and IoT-RTCP: Adaptive Protocols for Multimedia Transmission over Internet of Things Environments. IEEE Access, 2017, 5, 16757-16773.	2.6	50
3	TBM: A trust-based monitoring security scheme to improve the service authentication in the Internet of Things communications. Computer Communications, 2020, 150, 216-225.	3.1	37
4	Accurate performance prediction of IoT communication systems for smart cities: An efficient deep learning based solution. Sustainable Cities and Society, 2021, 69, 102830.	5.1	30
5	Analysis, design and simulation of Internet of Things routing algorithm based on ant colony optimization. International Journal of Communication Systems, 2017, 30, e3174.	1.6	27
6	MDS: Multi-level decision system for patient behavior analysis based on wearable device information. Computer Communications, 2019, 147, 180-187.	3.1	23
7	Design and performance evaluation of mixed multicast architecture for internet of things environment. Journal of Supercomputing, 2018, 74, 3295-3328.	2.4	15
8	Internet of Things-Based Free Learning System: Performance Evaluation and Communication Perspective. IETE Journal of Research, 2017, 63, 31-44.	1.8	13
9	DORS: A data overhead reduction scheme for hybrid networks in smart cities. International Journal of Communication Systems, 2020, 33, e4435.	1.6	12
10	Performance enhancement of high-altitude platforms wireless sensor networks using concentric circular arrays. AEU - International Journal of Electronics and Communications, 2015, 69, 382-388.	1.7	11
11	CMRS: A Classifier Matrix Recognition System for Traffic Management and Analysis in a Smart City Environment. IEEE Access, 2019, 7, 163301-163312.	2.6	9
12	Multifunctional and Multidimensional Secure Data Aggregation Scheme in WSNs. IEEE Internet of Things Journal, 2022, 9, 2657-2668.	5.5	9
13	Scaling of wireless sensor network intrusion detection probability: 3D sensors, 3D intruders, and 3D environments. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, .	1.5	8
14	Performance Evaluation of a Dual Coverage System for Internet of Things Environments. Mobile Information Systems, 2016, 2016, 1-20.	0.4	8
15	Cryptographically secure privacy-preserving authenticated key agreement protocol for an IoT network: A step towards critical infrastructure protection. Peer-to-Peer Networking and Applications, 2022, 15, 206-220.	2.6	7
16	Performance evaluation of WSN management system for QoS guarantee. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, .	1.5	6
17	A Reliable and Scalable Internet of Military Things Architecture. Computers, Materials and Continua, 2021, 67, 3887-3906.	1.5	5
18	Innovative Large Scale Wireless Sensor Network Architecture Using Satellites and High-Altitude Platforms. International Journal of Wireless and Microwave Technologies, 2014, 4, 12-19.	0.8	4

#	ARTICLE	IF	CITATIONS
19	Design and performance evaluation of QoE/QoS-oriented scheme for reliable data transmission in Internet of Things environments. <i>Computer Communications</i> , 2022, 189, 158-174.	3.1	3
20	Concentric Circular Arrays for Stratospheric High-Altitude Platforms Wireless Sensor Networks. <i>Wireless Personal Communications</i> , 2015, 81, 593-605.	1.8	2
21	An efficient traffic monitoring and control system using aerial platforms and vertical arrays. <i>Telecommunication Systems</i> , 2018, 69, 131-140.	1.6	2
22	Design and Evaluation of Large-Scale IoT-Enabled Healthcare Architecture. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3623.	1.3	2
23	A Novel Framework for Guaranteeing Quality of Service in Wireless Sensor Networks: Design, Simulation and Evaluation. <i>International Journal of Computer Applications</i> , 2013, 64, 21-24.	0.2	2