Adel Ali Ahmed

List of Publications by Year
in descending order

36 papers	596 citations	840776 11 h-index	752698 20 g-index
36 all docs	36 docs citations	36 times ranked	490 citing authors

#	Article	IF	Citations
1	Lightweight Digital Certificate Management and Efficacious Symmetric Cryptographic Mechanism over Industrial Internet of Things. Sensors, 2021, 21, 2810.	3.8	10
2	Adaptive dynamic duty cycle mechanism for energy efficient medium access control in wireless multimedia sensor networks. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4364.	3.9	3
3	Autonomous framework simulation tools for real-time multimedia streaming over wireless ad-hoc networks. Simulation, 2020, 96, 185-197.	1.8	0
4	An effective handover management based on SINR and software€defined network over urban vehicular ad hoc networks. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3787.	3.9	2
5	An Effective Multifactor Authentication Mechanism Based on Combiners of Hash Function over Internet of Things. Sensors, 2019, 19, 3663.	3.8	27
6	Hybrid intelligent phishing website prediction using deep neural networks with genetic algorithm€based feature selection and weighting. IET Information Security, 2019, 13, 659-669.	1.7	63
7	Cross-layer multipath routing scheme for wireless multimedia sensor network. Wireless Networks, 2019, 25, 4887-4901.	3.0	12
8	A comprehensive survey on handover management for vehicular ad hoc network based on 5G mobile networks technology. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3546.	3.9	32
9	A lightweight reliability mechanism proposed for datagram congestion control protocol over wireless multimedia sensor networks. Transactions on Emerging Telecommunications Technologies, 2018, 29, e3296.	3.9	10
10	Implementation of Internet of Things (IoT) Based on IPv6 over Wireless Sensor Networks. International Journal of Sensors, Wireless Communications and Control, 2018, 7, .	0.7	5
11	A real-time routing protocol with adaptive traffic shaping for multimedia streaming over next-generation of Wireless Multimedia Sensor Networks. Pervasive and Mobile Computing, 2017, 40, 495-511.	3.3	24
12	Cost-Effective Encryption-Based Autonomous Routing Protocol for Efficient and Secure Wireless Sensor Networks. Sensors, 2016, 16, 460.	3.8	15
13	An optimal complexity H.264/AVC encoding for video streaming over next generation of wireless multimedia sensor networks. Signal, Image and Video Processing, 2016, 10, 1143-1150.	2.7	12
14	An Indoor Emergency Guidance Algorithm Based on Wireless Sensor Networks. , 2015, , .		10
15	A comparative study of QoS performance for location based and corona based real-time routing protocol in mobile wireless sensor networks. Wireless Networks, 2015, 21, 1015-1031.	3.0	11
16	A real-time routing protocol with mobility support and load distribution for mobile wireless sensor networks. International Journal of Sensor Networks, 2014, 15, 95.	0.4	14
17	Probabilistic routing protocol for a hybrid wireless underground sensor networks. Wireless Communications and Mobile Computing, 2013, 13, 142-156.	1.2	7
18	Efficient Random Key Based Encryption System for Data Packet Confidentiality in WSNs. , 2013, , .		9

#	Article	IF	Citations
19	An enhanced real-time routing protocol with load distribution for mobile wireless sensor networks. Computer Networks, 2013, 57, 1459-1473.	5.1	31
20	Routing Protocols for Wireless Multimedia Sensor Network: A Survey. Journal of Sensors, 2013, 2013, 1-11.	1.1	42
21	Secure real–time routing protocol with load distribution in wireless sensor networks. Security and Communication Networks, 2011, 4, 839-869.	1.5	28
22	Optimal forwarding routing protocol in IPv6-based Wireless Sensor Networks. , 2009, , .		1
23	Simulation-based real-time routing protocol with load distribution in wireless sensor networks. Wireless Communications and Mobile Computing, 2009, 10, n/a-n/a.	1.2	0
24	A real-time routing protocol with load distribution in wireless sensor networks. Computer Communications, 2008, 31, 3190-3203.	5.1	96
25	Performance Study of Wireless Body Area Network in Medical Environment. , 2008, , .		25
26	Simulation Study of Real-Time Load Distribution Routing in Wireless Sensor Networks. , 2008, , .		0
27	Security Enhancement for Real-Time Routing Protocol in Wireless Sensor Networks. , 2008, , .		10
28	Real-Time Routing in Wireless Sensor Networks. , 2008, , .		18
29	Geodirectional-cast forwarding based on quadrant for real-time routing in Wireless Sensor Network. , 2007, , .		1
30	Optimal forwarding probability for real-time routing in wireless sensor network. , 2007, , .		19
31	Power reduction quadrant-based directional routing protocol (Q-DIR) in Mobile Ad Hoc Network. , 2007, , .		13
32	Reduced latency in restricted flooding routing protocol for Mobile Ad Hoc Network. , 2007, , .		0
33	Real Time communication with Power Adaptation (RTPA) in wireless sensor network (WSN). , 2006, , .		2
34	Location-based geocasting and forwarding (LGF) routing protocol in mobile ad hoc network. , 2005, , .		21
35	Integrating Mobile Ad Hoc Network into Mobile IPv6 Network. Lecture Notes in Computer Science, 2004, , 363-368.	1.3	1
36	Development of an Indoor GPS-free Self-Positioning System for Mobile Ad Hoc Network (MANET). , 0, , .		22