

# Adel Ali Ahmed

## List of Publications by Year in descending order

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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	A real-time routing protocol with load distribution in wireless sensor networks. Computer Communications, 2008, 31, 3190-3203.	5.1	96
2	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
3	Routing Protocols for Wireless Multimedia Sensor Network: A Survey. Journal of Sensors, 2013, 2013, 1-11.	1.1	42
4	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
5	An enhanced real-time routing protocol with load distribution for mobile wireless sensor networks. Computer Networks, 2013, 57, 1459-1473.	5.1	31
6	Secure real-time routing protocol with load distribution in wireless sensor networks. Security and Communication Networks, 2011, 4, 839-869.	1.5	28
7	An Effective Multifactor Authentication Mechanism Based on Combiners of Hash Function over Internet of Things. Sensors, 2019, 19, 3663.	3.8	27
8	Performance Study of Wireless Body Area Network in Medical Environment. , 2008, , .		25
9	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
10	Development of an Indoor GPS-free Self-Positioning System for Mobile Ad Hoc Network (MANET). , 0, , .		22
11	Location-based geocasting and forwarding (LGF) routing protocol in mobile ad hoc network. , 2005, , .		21
12	Optimal forwarding probability for real-time routing in wireless sensor network. , 2007, , .		19
13	Real-Time Routing in Wireless Sensor Networks. , 2008, , .		18
14	Cost-Effective Encryption-Based Autonomous Routing Protocol for Efficient and Secure Wireless Sensor Networks. Sensors, 2016, 16, 460.	3.8	15
15	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
16	Power reduction quadrant-based directional routing protocol (Q-DIR) in Mobile Ad Hoc Network. , 2007, , .		13
17	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
18	Cross-layer multipath routing scheme for wireless multimedia sensor network. Wireless Networks, 2019, 25, 4887-4901.	3.0	12

#	ARTICLE	IF	CITATIONS
19	A comparative study of QoS performance for location based and corona based real-time routing protocol in mobile wireless sensor networks. <i>Wireless Networks</i> , 2015, 21, 1015-1031.	3.0	11
20	Security Enhancement for Real-Time Routing Protocol in Wireless Sensor Networks. , 2008, , .		10
21	An Indoor Emergency Guidance Algorithm Based on Wireless Sensor Networks. , 2015, , .		10
22	A lightweight reliability mechanism proposed for datagram congestion control protocol over wireless multimedia sensor networks. <i>Transactions on Emerging Telecommunications Technologies</i> , 2018, 29, e3296.	3.9	10
23	Lightweight Digital Certificate Management and Efficacious Symmetric Cryptographic Mechanism over Industrial Internet of Things. <i>Sensors</i> , 2021, 21, 2810.	3.8	10
24	Efficient Random Key Based Encryption System for Data Packet Confidentiality in WSNs. , 2013, , .		9
25	Probabilistic routing protocol for a hybrid wireless underground sensor networks. <i>Wireless Communications and Mobile Computing</i> , 2013, 13, 142-156.	1.2	7
26	Implementation of Internet of Things (IoT) Based on IPv6 over Wireless Sensor Networks. <i>International Journal of Sensors, Wireless Communications and Control</i> , 2018, 7, .	0.7	5
27	Adaptive dynamic duty cycle mechanism for energy efficient medium access control in wireless multimedia sensor networks. <i>Transactions on Emerging Telecommunications Technologies</i> , 2021, 32, e4364.	3.9	3
28	Real Time communication with Power Adaptation (RTPA) in wireless sensor network (WSN). , 2006, , .		2
29	An effective handover management based on SINR and softwareâ€defined network over urban vehicular ad hoc networks. <i>Transactions on Emerging Telecommunications Technologies</i> , 2019, 30, e3787.	3.9	2
30	Integrating Mobile Ad Hoc Network into Mobile IPv6 Network. <i>Lecture Notes in Computer Science</i> , 2004, , 363-368.	1.3	1
31	Geodirectional-cast forwarding based on quadrant for real-time routing in Wireless Sensor Network. , 2007, , .		1
32	Optimal forwarding routing protocol in IPv6-based Wireless Sensor Networks. , 2009, , .		1
33	Reduced latency in restricted flooding routing protocol for Mobile Ad Hoc Network. , 2007, , .		0
34	Simulation Study of Real-Time Load Distribution Routing in Wireless Sensor Networks. , 2008, , .		0
35	Simulation-based real-time routing protocol with load distribution in wireless sensor networks. <i>Wireless Communications and Mobile Computing</i> , 2009, 10, n/a-n/a.	1.2	0
36	Autonomous framework simulation tools for real-time multimedia streaming over wireless ad-hoc networks. <i>Simulation</i> , 2020, 96, 185-197.	1.8	0