Adnan Ahmed Arain

List of Publications by Year
in descending order

30	649	623734	610901
papers	citations	14	24
		h-index	g-index

30	30	30	645
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	TERP: A Trust and Energy Aware Routing Protocol for Wireless Sensor Network. IEEE Sensors Journal, 2015, 15, 6962-6972.	4.7	76
2	Routing protocols in wireless body sensor networks: A comprehensive survey. Journal of Network and Computer Applications, 2017, 99, 73-97.	9.1	70
3	A survey on trust based detection and isolation of malicious nodes in ad-hoc and sensor networks. Frontiers of Computer Science, 2015, 9, 280-296.	2.4	60
4	A Secure Routing Protocol with Trust and Energy Awareness for Wireless Sensor Network. Mobile Networks and Applications, 2016, 21, 272-285.	3.3	50
5	Trust and Thermal Aware Routing Protocol (TTRP) for Wireless Body Area Networks. Wireless Personal Communications, 2017, 97, 349-364.	2.7	46
6	A trust aware routing protocol for energy constrained wireless sensor network. Telecommunication Systems, 2016, 61, 123-140.	2.5	43
7	Energy-aware and secure routing with trust for disaster response wireless sensor network. Peer-to-Peer Networking and Applications, 2017, 10, 216-237.	3.9	38
8	GCORP: Geographic and Cooperative Opportunistic Routing Protocol for Underwater Sensor Networks. IEEE Access, 2021, 9, 27650-27667.	4.2	28
9	WETRP: Weight Based Energy & Temperature Aware Routing Protocol for Wireless Body Sensor Networks. IEEE Access, 2019, 7, 87987-87995.	4.2	26
10	QDVGDD: Query-Driven Virtual Grid based Data Dissemination for wireless sensor networks using single mobile sink. Wireless Networks, 2019, 25, 241-253.	3.0	26
11	Key Factors Involved in Pipeline Monitoring Techniques Using Robots and WSNs: Comprehensive Survey. Journal of Pipeline Systems Engineering and Practice, 2018, 9, .	1.6	21
12	MIQoS-RP: Multi-Constraint Intra-BAN, QoS-Aware Routing Protocol for Wireless Body Sensor Networks. IEEE Access, 2020, 8, 99880-99888.	4.2	20
13	WECRR: Weighted Energy-Efficient Clustering with Robust Routing for Wireless Sensor Networks. Wireless Personal Communications, 2017, 97, 695-721.	2.7	18
14	LLTP-QoS: Low Latency Traffic Prioritization and QoS-Aware Routing in Wireless Body Sensor Networks. IEEE Access, 2019, 7, 152777-152787.	4.2	18
15	A dynamic Energy-aware fault tolerant routing protocol for wireless sensor networks. Computers and Electrical Engineering, 2016, 56, 557-575.	4.8	16
16	Movie Tags Prediction and Segmentation Using Deep Learning. IEEE Access, 2020, 8, 6071-6086.	4.2	16
17	Stealth Jamming Attack in WSNs: Effects and Countermeasure. IEEE Sensors Journal, 2018, 18, 7106-7113.	4.7	15
18	Grid Based Cluster Head Selection Mechanism for Wireless sensor network. Telkomnika (Telecommunication Computing Electronics and Control), 2015, 13, 269.	0.8	12

#	Article	IF	Citations
19	A secure and QoS aware routing protocol for Wireless Sensor Network. , 2016, , .		8
20	I-RP: Interference Aware Routing Protocol for WBAN. Lecture Notes in Computer Science, 2018, , 63-71.	1.3	8
21	Countering Node Misbehavior Attacks using Trust Based Secure Routing Protocol. Telkomnika (Telecommunication Computing Electronics and Control), 2015, 13, 260.	0.8	8
22	Retransmission Policies for Efficient Communication in IoT Applications. , 2018, , .		5
23	Reliable and QoS aware routing metrics for wireless Neighborhood Area Networking in smart grids. Computer Networks, 2021, 192, 108051.	5.1	5
24	WPTE: Weight-Based Probabilistic Trust Evaluation Scheme for WSN. , 2017, , .		3
25	Evaluation of multimedia streams in internet applications. , 2018, , .		3
26	Towards Better Routing Protocols for IoT. , 2019, , .		3
27	Corrections to â€œGCORP: Geographic and Cooperative Opportunistic Routing Protocol for Underwater Sensor Networksâ€. IEEE Access, 2021, 9, 67734-67735.	4.2	2
28	Improved Energy Aware Cluster based Data Routing Scheme for WSN. Telkomnika (Telecommunication) Tj ETQq0 0 0 rgBT /Overlock 10	0.8	2
29	Comprehensive Survey of Routing Protocols for Wireless Body Area Networks (WBANs). Advances in Computer and Electrical Engineering Book Series, 2020, , 145-178.	0.3	2
30	RLT. , 2019, , .		1