

Abdul Hanan Abdullah

List of Publications by Year in descending order

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41
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1,853
citations

377584

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35
g-index

41
all docs

41
docs citations

41
times ranked

2394
citing authors

#	ARTICLE	IF	CITATIONS
1	An Approach for Optimizing Ensemble Intrusion Detection Systems. IEEE Access, 2021, 9, 6930-6947.	2.6	18
2	A security and privacy scheme based on node and message authentication and trust in fog-enabled VANET. Vehicular Communications, 2021, 29, 100335.	2.7	22
3	An adaptive interference-aware and traffic-aware channel assignment strategy for backhaul networks. Concurrency Computation Practice and Experience, 2020, 32, e5650.	1.4	5
4	A Trust Model Using Edge Nodes and a Cuckoo Filter for Securing VANET under the NLoS Condition. Symmetry, 2020, 12, 609.	1.1	29
5	Traffic Class Prioritization-Based Slotted-CSMA/CA for IEEE 802.15.4 MAC in Intra-WBANs. Sensors, 2019, 19, 466.	2.1	24
6	Video Streaming in Urban Vehicular Environments: Junction-Aware Multipath Approach. Electronics (Switzerland), 2019, 8, 1239.	1.8	3
7	Geometry-Based Localization for GPS Outage in Vehicular Cyber Physical Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 3800-3812.	3.9	53
8	Soft-GORA: Soft Constrained Globally Optimal Resource Allocation for Critical Links in IoT Backhaul Communication. IEEE Access, 2018, 6, 614-624.	2.6	12
9	Cluster-based data dissemination, cluster head formation under sparse, and dense traffic conditions for vehicular ad hoc networks. International Journal of Communication Systems, 2018, 31, e3533.	1.6	23
10	A Dynamic Congestion Control Scheme for safety applications in vehicular ad hoc networks. Computers and Electrical Engineering, 2018, 72, 774-788.	3.0	46
11	Multi-metric geographic routing for vehicular ad hoc networks. Wireless Networks, 2018, 24, 2763-2779.	2.0	30
12	Inter Vehicle Distance Based Connectivity Aware Routing in Vehicular Adhoc Networks. Wireless Personal Communications, 2018, 98, 33-54.	1.8	32
13	Green Communication for Wireless Body Area Networks: Energy Aware Link Efficient Routing Approach. Sensors, 2018, 18, 3237.	2.1	67
14	Interference-Aware Multipath Video Streaming in Vehicular Environments. IEEE Access, 2018, 6, 47610-47626.	2.6	13
15	Location information verification using transferable belief model for geographic routing in vehicular ad hoc networks. IET Intelligent Transport Systems, 2017, 11, 53-60.	1.7	38
16	Energy-Efficient Data Reporting for Navigation in Position-Free Hybrid Wireless Sensor Networks. IEEE Sensors Journal, 2017, 17, 2289-2297.	2.4	28
17	TraPy-MAC: Traffic Priority Aware Medium Access Control Protocol for Wireless Body Area Network. Journal of Medical Systems, 2017, 41, 93.	2.2	35
18	Channel quality and utilization metric for interference estimation in Wireless Mesh Networks. Computers and Electrical Engineering, 2017, 64, 420-435.	3.0	10

#	ARTICLE	IF	CITATIONS
19	A Secure Trust Model Based on Fuzzy Logic in Vehicular Ad Hoc Networks With Fog Computing. IEEE Access, 2017, 5, 15619-15629.	2.6	180
20	Location error resilient geographical routing for vehicular ad hoc networks. IET Intelligent Transport Systems, 2017, 11, 450-458.	1.7	31
21	Traffic Adaptive MAC Protocols in Wireless Body Area Networks. Wireless Communications and Mobile Computing, 2017, 2017, 1-14.	0.8	31
22	Internet of Vehicles: Motivation, Layered Architecture, Network Model, Challenges, and Future Aspects. IEEE Access, 2016, 4, 5356-5373.	2.6	519
23	A comparative analysis of energy conservation approaches in hybrid wireless sensor networks data collection protocols. Telecommunication Systems, 2016, 61, 159-179.	1.6	56
24	Adaptive Interface Reconfiguration in Low-Rate Mesh WPANs. Journal of Computational and Theoretical Nanoscience, 2016, 13, 4703-4710.	0.4	8
25	Patient Data Prioritization in the Cross-Layer Designs of Wireless Body Area Network. Journal of Computer Networks and Communications, 2015, 2015, 1-21.	1.2	11
26	Multiobjective Dynamic Vehicle Routing Problem and Time Seed Based Solution Using Particle Swarm Optimization. Journal of Sensors, 2015, 2015, 1-14.	0.6	47
27	Recent Advances in Learning Theory. Computational Intelligence and Neuroscience, 2015, 2015, 1-4.	1.1	3
28	A survey of wireless sensor network approaches and their energy consumption for monitoring farm fields in precision agriculture. Precision Agriculture, 2015, 16, 216-238.	3.1	92
29	VGDR: A Virtual Grid-Based Dynamic Routes Adjustment Scheme for Mobile Sink-Based Wireless Sensor Networks. IEEE Sensors Journal, 2015, 15, 526-534.	2.4	141
30	VGDD: A Virtual Grid Based Data Dissemination Scheme for Wireless Sensor Networks with Mobile Sink. International Journal of Distributed Sensor Networks, 2015, 11, 890348.	1.3	16
31	A Comprehensive Study of Data Collection Schemes Using Mobile Sinks in Wireless Sensor Networks. Sensors, 2014, 14, 2510-2548.	2.1	119
32	Performance Improvement in Geographic Routing for Vehicular Ad Hoc Networks. Sensors, 2014, 14, 22342-22371.	2.1	50
33	DF++ : an adaptive buffer-aware probabilistic delegation forwarding protocol for Delay Tolerant Network. Cluster Computing, 2014, 17, 1465-1472.	3.5	5
34	Integrated sensor and RFID network node placement in disaster monitoring applications. , 2013, , .		3
35	Efficient Cluster Head Selection Algorithm for MANET. Journal of Computer Networks and Communications, 2013, 2013, 1-7.	1.2	17
36	EF-MPR, a new energy eEfficient multi-point relay selection algorithm for MANET. Journal of Supercomputing, 2012, 59, 744-761.	2.4	11

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37	Evolution and new architecture for bidding based grid resource selection. , 2011, , .		1
38	Qualified Analysis b/w ESB(s) Using Analytical Hierarchy Process (AHP) Method. , 2011, , .		5
39	Deployment density estimation for α-Covering problem in wireless sensor network. , 2010, , .		0
40	The trends of Intrusion Prevention System network. , 2010, , .		19
41	Minimizing Overhead Computation Time for Grid Scheduling System Based on Partitioned Grid Information Service. , 2010, , .		0