Qinghua Wang

List of Publications by Year
in descending order

24 papers	280 citations	1162367 8 h-index	1372195 10 g-index
24 all docs	24 docs citations	24 times ranked	255 citing authors

#	Article	IF	Citations
1	Localizing Multiple Objects Using Radio Tomographic Imaging Technology. IEEE Transactions on Vehicular Technology, 2016, 65, 3641-3656.	3.9	37
2	Wireless Sensor Networks - An Introduction. , 0, , .		36
3	Bottleneck zone analysis in energy-constrained wireless sensor networks. IEEE Communications Letters, 2009, 13, 423-425.	2.5	28
4	Source traffic modeling in wireless sensor networks for target tracking. , 2008, , .		26
5	Improving RSS-Based Ranging in LOS-NLOS Scenario Using GMMs. IEEE Communications Letters, 2011, 15, 1065-1067.	2.5	24
6	Traffic Analysis & Modeling in Wireless Sensor Networks and Their Applications on Network Optimization and Anomaly Detection. Network Protocols and Algorithms, 2010, 2, .	1.0	18
7	Human Interactive Secure ID Management in Body Sensor Networks. Journal of Networks, 2012, 7, .	0.4	18
8	Human interactive secure key and identity exchange protocols in body sensor networks. IET Information Security, 2013, 7, 30-38.	1.1	16
9	Packet traffic: a good data source for wireless sensor network modeling and anomaly detection. IEEE Network, 2011, 25, 15-21.	4.9	14
10	Bounding the Information Collection Performance of Wireless Sensor Network Routing. , 2007, , .		10
11	Detecting Anomaly Node Behavior in Wireless Sensor Networks. , 2007, , .		9
12	A Survey on Security in Wireless Sensor Networks. Wireless Networks and Mobile Communications, 2009, , .	1.0	9
13	An Effort to Understand the Optimal Routing Performance in Wireless Sensor Network. , 2008, , .		8
14	Characterizing the Traffic Load Distribution in Dense Sensor Networks. , 2009, , .		5
15	Body sensor network key distribution using human interactive channels. , 2011, , .		5
16	Fair Energy Allocation in Wireless Sensor Networks: Theory and Practice. , 2010, , .		4
17	Defending wireless communication against eavesdropping attacks using secret spreading codes and artificial interference. Computers and Security, 2021, 103, 102175.	4.0	4
18	Using secret spreading codes to enhance physical layer security in wireless communication. , 2017, , .		2

#	Article	IF	Citations
19	Characterizing the Traffic Load Distribution in Dense Wireless Sensor Networks. Journal of Networks, 2011, 6, .	0.4	2
20	A multi-homing extension of wireless node implementation in NS-2. , 2009, , .		1
21	Non-line-of-sight error mitigation for range estimation in dynamic environments. , 2010, , .		1
22	Identity-Based Association Protocols for Wireless Personal Area Networks. , 2015, , .		1
23	Session Key Agreement for End-to-End Security in Time-Synchronized Networks. , 2018, , .		1
24	Web Metrics for the Next Generation Performance Enhancing Proxies. , 2019, , .		1