

Pei Huang

List of Publications by Year in descending order

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24
papers

821
citations

1307594

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h-index

1588992

8
g-index

24
all docs

24
docs citations

24
times ranked

954
citing authors

#	ARTICLE	IF	CITATIONS
1	The Evolution of MAC Protocols in Wireless Sensor Networks: A Survey. IEEE Communications Surveys and Tutorials, 2013, 15, 101-120.	39.4	431
2	Mobility-Assisted Node Localization Based on TOA Measurements Without Time Synchronization in Wireless Sensor Networks. Mobile Networks and Applications, 2012, 17, 90-99.	3.3	68
3	Novel Centroid Localization Algorithm for Three-Dimensional Wireless Sensor Networks. , 2008, , .		48
4	Accurate and Efficient Node Localization for Mobile Sensor Networks. Mobile Networks and Applications, 2013, 18, 141-147.	3.3	46
5	Wireless Spectrum Occupancy Prediction Based on Partial Periodic Pattern Mining. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1925-1934.	5.6	37
6	RC-MAC: A Receiver-Centric MAC Protocol for Event-Driven Wireless Sensor Networks. IEEE Transactions on Computers, 2015, 64, 1149-1161.	3.4	36
7	Improving End-to-End Routing Performance of Greedy Forwarding in Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 556-563.	5.6	31
8	RC-MAC: A receiver-centric medium access control protocol for wireless sensor networks. , 2010, , .		23
9	WiFi-BA: Choosing arbitration over backoff in high speed multicarrier wireless networks. , 2013, , .		23
10	Cooperative Node Localization for Mobile Sensor Networks. , 2008, , .		17
11	Dynamic Channel Bonding: Enabling Flexible Spectrum Aggregation. IEEE Transactions on Mobile Computing, 2016, 15, 3042-3056.	5.8	15
12	Mobile anchor assisted node localization for wireless sensor networks. , 2009, , .		8
13	Wireless Spectrum Occupancy Prediction Based on Partial Periodic Pattern Mining. , 2012, , .		6
14	Dynamic channel bonding in multicarrier wireless networks. , 2013, , .		5
15	TAS-MAC: A traffic-adaptive synchronous MAC protocol for wireless sensor networks. , 2013, , .		5
16	Efficient broadcast on fragmented spectrum in cognitive radio networks. , 2015, , .		5
17	Mobility-assisted cooperative localization scheme for wireless sensor networks. , 2008, , .		4
18	Efficient Opportunistic Multicast via Tree Backbone for Wireless Mesh Networks. , 2011, , .		4

#	ARTICLE	IF	CITATIONS
19	Mobility-Assisted Position Estimation in Wireless Sensor Networks. , 2008, , .		3
20	Efficient NC-OFDM-Based Control Channel Establishment in Cognitive Radio Networks. , 2016, , .		2
21	NCCC: NC-OFDM-based control channel establishment in cognitive radio networks using subcarrier pulses. Wireless Networks, 2020, 26, 2567-2583.	3.0	2
22	Mining frequent partial periodic patterns in spectrum usage data. , 2012, , .		1
23	Exploiting Modulation Scheme Diversity in Multicarrier Wireless Networks. , 2016, , .		1
24	SFAB: Spectrum Fragment Agile Broadcast in Cognitive Radio Networks. IEEE Transactions on Cognitive Communications and Networking, 2017, 3, 628-642.	7.9	0