

Qing Wang

List of Publications by Year in descending order

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51
papers

2,748
citations

840776

11
h-index

996975

15
g-index

53
all docs

53
docs citations

53
times ranked

2806
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey on Device-to-Device Communication in Cellular Networks. IEEE Communications Surveys and Tutorials, 2014, 16, 1801-1819.	39.4	1,726
2	An IEEE 802.11p-Based Multichannel MAC Scheme With Channel Coordination for Vehicular Ad Hoc Networks. IEEE Transactions on Intelligent Transportation Systems, 2012, 13, 449-458.	8.0	207
3	Improving Reliability and Scalability of LoRaWANs Through Lightweight Scheduling. IEEE Internet of Things Journal, 2018, 5, 1830-1842.	8.7	169
4	OpenVLC. , 2014, , .		47
5	Energy Self-Sustainability in Full-Spectrum 6G. IEEE Wireless Communications, 2021, 28, 104-111.	9.0	44
6	Intelligent UAV Swarm Cooperation for Multiple Targets Tracking. IEEE Internet of Things Journal, 2022, 9, 743-754.	8.7	43
7	A LoRaWAN module for ns-3. , 2018, , .		33
8	Medium access control in vehicular <i>ad hoc</i> networks. Wireless Communications and Mobile Computing, 2011, 11, 796-812.	1.2	30
9	An open source research platform for embedded visible light networking. IEEE Wireless Communications, 2015, 22, 94-100.	9.0	30
10	An Enhanced Multi-Channel MAC for the IEEE 1609.4 Based Vehicular Ad Hoc Networks. , 2010, , .		29
11	Passive Communication with Ambient Light. , 2016, , .		29
12	A Cell-Free Networking System With Visible Light. IEEE/ACM Transactions on Networking, 2020, 28, 461-476.	3.8	26
13	A QoS Supported Multi-Channel MAC for Vehicular Ad Hoc Networks. , 2011, , .		23
14	Recouping opportunistic gain in dense base station layouts through energy-aware user cooperation. , 2013, , .		22
15	DenseVLC. , 2018, , .		22
16	Communication Networks of Visible Light Emitting Diodes with Intra-Frame Bidirectional Transmission. , 2014, , .		21
17	Low-Cost, Flexible and Open Platform for Visible Light Communication Networks. , 2015, , .		20
18	Intra-Frame Bidirectional Transmission in Networks of Visible LEDs. IEEE/ACM Transactions on Networking, 2016, 24, 3607-3619.	3.8	19

#	ARTICLE	IF	CITATIONS
19	In Light and In Darkness, In Motion and In Stillness: A Reliable and Adaptive Receiver for the Internet of Lights. IEEE Journal on Selected Areas in Communications, 2018, 36, 149-161.	14.0	19
20	Tweeting with Sunlight: Encoding Data on Mobile Objects. , 2019, , .		16
21	PassiveVLP. ACM Transactions on Internet of Things, 2020, 1, 1-24.	4.6	16
22	Passive visible light networks. , 2020, , .		15
23	Improving Blockage Robustness in VLC Networks. , 2019, , .		14
24	Sniffing visible light communication through walls. , 2020, , .		14
25	SmartVLC. , 2017, , .		11
26	SmartVLC: Co-Designing Smart Lighting and Communication for Visible Light Networks. IEEE Transactions on Mobile Computing, 2020, 19, 1956-1970.	5.8	11
27	Exploiting Blockage in VLC Networks Through User Rotations. IEEE Open Journal of the Communications Society, 2020, 1, 1084-1099.	6.9	9
28	Breaking the limitations of visible light communication through its side channel. , 2020, , .		9
29	Enhancing Indoor IoT Communication with Visible Light and Ultrasound. , 2019, , .		8
30	OpenVLC1.2: Achieving higher throughput in low-end visible light communication networks. , 2018, , .		7
31	User Scheduling and Antenna Topology in Dense Massive MIMO Networks: An Experimental Study. IEEE Transactions on Wireless Communications, 2020, 19, 6210-6223.	9.2	7
32	Follow that Light. , 2017, , .		6
33	uLoRa. , 2017, , .		6
34	Increasing opportunistic gain in small cells through base station-driven traffic spreading. , 2014, , .		5
35	Increasing Opportunistic Gain in Small Cells Through Energy-Aware User Cooperation. IEEE Transactions on Wireless Communications, 2014, 13, 6356-6369.	9.2	4
36	Experimental Study of User Selection for Dense Indoor Massive MIMO. , 2019, , .		4

#	ARTICLE	IF	CITATIONS
37	BlendVLC: A Cell-free VLC Network Architecture Empowered by Beamspot Blending. , 2021, , .		4
38	Leveraging Smart Lights for Passive Localization. , 2018, , .		3
39	Increasing Throughput of Dense-Transmitter VLC Networks through Adaptive Distributed MISO. , 2018, , .		3
40	When Autonomous Drones Meet Driverless Cars. , 2018, , .		3
41	RadiInLight. , 2021, , .		3
42	A game-based power control scheme for cognitive radio networks. , 2012, , .		2
43	OpenVLC, an open-source platform for the Internet of Light. , 2015, , .		1
44	Medium access control in vehicular ad hoc networks. , 2015, , 39-73.		1
45	Demonstration Abstract: Research Platform for Visible Light Communication and Sensing Systems. , 2016, , .		1
46	Software-defined Visible Light Backscatter Network. , 2018, , .		1
47	Recouping Efficient Safety Distance in IoV-Enhanced Transportation Systems. , 2019, , .		1
48	SpiderWeb. , 2021, , .		1
49	A new strategy for WSN routing convergence. , 2010, , .		0
50	Smile, you are in the spotlight!. , 2019, , .		0
51	Poster: Securing IoT Through Coverage-Bounding Wireless Communication With Visible Light. , 2020, , .		0