Qing Wang

List of Publications by Year
in descending order

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	Intelligent UAV Swarm Cooperation for Multiple Targets Tracking. IEEE Internet of Things Journal, 2022, 9, 743-754.	8.7	43
2	Energy Self-Sustainability in Full-Spectrum 6G. IEEE Wireless Communications, 2021, 28, 104-111.	9.0	44
3	BlendVLC: A Cell-free VLC Network Architecture Empowered by Beamspot Blending. , 2021, , .		4
4	RadioInLight. , 2021, , .		3
5	SpiderWeb. , 2021, , .		1
6	SmartVLC: Co-Designing Smart Lighting and Communication for Visible Light Networks. IEEE Transactions on Mobile Computing, 2020, 19, 1956-1970.	5.8	11
7	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
8	Exploiting Blockage in VLC Networks Through User Rotations. IEEE Open Journal of the Communications Society, 2020, 1, 1084-1099.	6.9	9
9	Poster: Securing IoT Through Coverage-Bounding Wireless Communication With Visible Light. , 2020, , .		0
10	A Cell-Free Networking System With Visible Light. IEEE/ACM Transactions on Networking, 2020, 28, 461-476.	3.8	26
11	PassiveVLP. ACM Transactions on Internet of Things, 2020, 1, 1-24.	4.6	16
12	Passive visible light networks. , 2020, , .		15
13	Sniffing visible light communication through walls. , 2020, , .		14
14	Breaking the limitations of visible light communication through its side channel. , 2020, , .		9
15	Recouping Efficient Safety Distance in IoV-Enhanced Transportation Systems. , 2019, , .		1
16	Enhancing Indoor IoT Communication with Visible Light and Ultrasound. , 2019, , .		8
17	Smile, you are in the spotlight!. , 2019, , .		0
18	Tweeting with Sunlight: Encoding Data on Mobile Objects. , 2019, , .		16

#	Article	IF	Citations
19	Improving Blockage Robustness in VLC Networks. , 2019, , .		14
20	Experimental Study of User Selection for Dense Indoor Massive MIMO. , 2019, , .		4
21	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
22	OpenVLC1.2: Achieving higher throughput in low-end visible light communication networks. , 2018, , .		7
23	Improving Reliability and Scalability of LoRaWANs Through Lightweight Scheduling. IEEE Internet of Things Journal, 2018, 5, 1830-1842.	8.7	169
24	Leveraging Smart Lights for Passive Localization. , 2018, , .		3
25	DenseVLC. , 2018, , .		22
26	Increasing Throughput of Dense-Transmitter VLC Networks through Adaptive Distributed MISO. , 2018, , .		3
27	Software-defined Visible Light Backscatter Network. , 2018, , .		1
28	When Autonomous Drones Meet Driverless Cars. , 2018, , .		3
29	A LoRaWAN module for ns-3. , 2018, , .		33
30	Follow that Light. , 2017, , .		6
31	uLoRa. , 2017, , .		6
32	SmartVLC. , 2017, , .		11
33	Passive Communication with Ambient Light. , 2016, , .		29
34	Demonstration Abstract: Research Platform for Visible Light Communication and Sensing Systems. , 2016, , .		1
35	Intra-Frame Bidirectional Transmission in Networks of Visible LEDs. IEEE/ACM Transactions on Networking, 2016, 24, 3607-3619.	3.8	19
36	Low-Cost, Flexible and Open Platform for Visible Light Communication Networks. , 2015, , .		20

#	Article	IF	Citations
37	OpenVLC, an open-source platform for the Internet of Light. , 2015, , .		1
38	An open source research platform for embedded visible light networking. IEEE Wireless Communications, 2015, 22, 94-100.	9.0	30
39	Medium access control in vehicular ad hoc networks. , 2015, , 39-73.		1
40	Communication Networks of Visible Light Emitting Diodes with Intra-Frame Bidirectional Transmission. , 2014, , .		21
41	A Survey on Device-to-Device Communication in Cellular Networks. IEEE Communications Surveys and Tutorials, 2014, 16, 1801-1819.	39.4	1,726
42	OpenVLC. , 2014, , .		47
43	Increasing opportunistic gain in small cells through base station-driven traffic spreading. , 2014, , .		5
44	Increasing Opportunistic Gain in Small Cells Through Energy-Aware User Cooperation. IEEE Transactions on Wireless Communications, 2014, 13, 6356-6369.	9.2	4
45	Recouping opportunistic gain in dense base station layouts through energy-aware user cooperation. , 2013, , .		22
46	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
47	A game-based power control scheme for cognitive radio networks. , 2012, , .		2
48	A QoS Supported Multi-Channel MAC for Vehicular Ad Hoc Networks. , 2011, , .		23
49	Medium access control in vehicular ad hoc networks. Wireless Communications and Mobile Computing, 2011, 11, 796-812.	1.2	30
50	A new strategy for WSN routing convergence. , 2010, , .		0
51	An Enhanced Multi-Channel MAC for the IEEE 1609.4 Based Vehicular Ad Hoc Networks. , 2010, , .		29