

Qi Wang

List of Publications by Year in Descending Order

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Version: 2024-04-23

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47
papers

1,368
citations

21
h-index

36
g-index

47
ext. papers

1,667
ext. citations

4.6
avg, IF

5.16
L-index

#	Paper	IF	Citations
47	Spatial Modulation for Terahertz Communication Systems With Hardware Impairments. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 4553-4557	6.8	15
46	. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 4105-4117	6.8	4
45	Novel Index Modulation Techniques: A Survey. <i>IEEE Communications Surveys and Tutorials</i> , 2019 , 21, 315-348	3.7	134
44	Hartley-Domain DD-FTN Algorithm for ACO-SCFDM in Optical-Wireless Communications. <i>IEEE Photonics Journal</i> , 2019 , 11, 1-9	1.8	1
43	Sub-Channel Allocation for Device-to-Device Underlying Full-Duplex mmWave Small Cells Using Coalition Formation Games. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 11915-11927	6.8	6
42	Interference-Free LED Allocation for Visible Light Communications With Fisheye Lens. <i>Journal of Lightwave Technology</i> , 2018 , 36, 626-636	4	3
41	Low-PAPR Layered/Enhanced ACO-SCFDM for Optical-Wireless Communications. <i>IEEE Photonics Technology Letters</i> , 2018 , 30, 165-168	2.2	27
40	Joint User Association and Power Allocation for Cell-Free Visible Light Communication Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2018 , 36, 136-148	14.2	40
39	Non-Orthogonal Multiple Access: A Unified Perspective. <i>IEEE Wireless Communications</i> , 2018 , 25, 10-16	13.4	47
38	Secrecy Analysis of Generalized Space-Shift Keying Aided Visible Light Communication. <i>IEEE Access</i> , 2018 , 6, 18310-18324	3.5	21
37	Faster-Than-Nyquist Non-Orthogonal Frequency-Division Multiplexing for Visible Light Communications. <i>IEEE Access</i> , 2018 , 6, 17933-17941	3.5	9
36	Dynamic Throughput Maximization for the User-Centric Visible Light Downlink in the Face of Practical Considerations. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 5001-5015	9.6	8
35	Optical Jamming Enhances the Secrecy Performance of the Generalized Space-Shift-Keying-Aided Visible-Light Downlink. <i>IEEE Transactions on Communications</i> , 2018 , 66, 4087-4102	6.9	31
34	Asymmetrically Clipped Absolute Value Optical OFDM for Intensity-Modulated Direct-Detection Systems. <i>Journal of Lightwave Technology</i> , 2017 , 35, 3680-3691	4	25
33	Generalized Dual-Mode Index Modulation Aided OFDM. <i>IEEE Communications Letters</i> , 2017 , 21, 761-764	3.8	73
32	Optical OFDM for visible light communications 2017 ,		15
31	Interference-free LED allocation for the fisheye lens based visible light communications 2017 ,		3

30	Capacity limit for faster-than-Nyquist non-orthogonal frequency-division multiplexing signaling. <i>Scientific Reports</i> , 2017 , 7, 3380	4.9	19
29	Dual-Mode Index Modulation Aided OFDM. <i>IEEE Access</i> , 2017 , 5, 50-60	3.5	156
28	Leakage-based precoding for MU-MIMO VLC systems under optical power constraint. <i>Optics Communications</i> , 2017 , 382, 348-353	2	8
27	Zero-Padded Orthogonal Frequency Division Multiplexing with Index Modulation Using Multiple Constellation Alphabets. <i>IEEE Access</i> , 2017 , 5, 21168-21178	3.5	13
26	Zero-Padded Tri-Mode Index Modulation Aided OFDM 2017 ,		7
25	Scalable Bandwidth Allocation Based on Domain Attributes: Towards a DDoS-Resistant Data Center 2017 ,		1
24	Performance Analysis of Layered ACO-OFDM. <i>IEEE Access</i> , 2017 , 5, 18366-18381	3.5	36
23	Receiver design for SPAD-based VLC systems under Poisson-Gaussian mixed noise model. <i>Optics Express</i> , 2017 , 25, 799-809	3.3	16
22	Collusion-resilient broadcast encryption based on dual-evolving one-way function trees. <i>Security and Communication Networks</i> , 2016 , 9, 3633-3645	1.9	2
21	Construction of Multiple-Rate QC-LDPC Codes Using Hierarchical Row-Splitting. <i>IEEE Communications Letters</i> , 2016 , 20, 1068-1071	3.8	2
20	Dimmable Visible Light Communications Based on Multilayer ACO-OFDM. <i>IEEE Photonics Journal</i> , 2016 , 8, 1-11	1.8	27
19	Ellipse-based DCO-OFDM for visible light communications. <i>Optics Communications</i> , 2016 , 360, 1-6	2	11
18	Adaptive Hybrid Precoding for Multiuser Massive MIMO. <i>IEEE Communications Letters</i> , 2016 , 20, 776-779	3.8	50
17	Improved Receiver Design for Layered ACO-OFDM in Optical Wireless Communications. <i>IEEE Photonics Technology Letters</i> , 2016 , 28, 319-322	2.2	25
16	Near-Optimal Low-Complexity Sequence Detection for Clipped DCO-OFDM. <i>IEEE Photonics Technology Letters</i> , 2016 , 28, 233-236	2.2	18
15	A Tight Upper Bound on Channel Capacity for Visible Light Communications. <i>IEEE Communications Letters</i> , 2016 , 20, 97-100	3.8	34
14	High speed OFDM-CDMA optical access network. <i>Optics Letters</i> , 2016 , 41, 1809-12	3	5
13	BICM-ID scheme for clipped DCO-OFDM in visible light communications. <i>Optics Express</i> , 2016 , 24, 4573-4581	3.8	11

12	Multi-User Sum-Rate Optimization for Visible Light Communications With Lighting Constraints. <i>Journal of Lightwave Technology</i> , 2016 , 34, 3943-3952	4	35
11	Asymmetrical Hybrid Optical OFDM for Visible Light Communications With Dimming Control. <i>IEEE Photonics Technology Letters</i> , 2015 , 27, 974-977	2.2	85
10	First demonstration of OFDM ECDMA for low cost optical access networks. <i>Optics Letters</i> , 2015 , 40, 2353-6	3	6
9	Layered ACO-OFDM for intensity-modulated direct-detection optical wireless transmission. <i>Optics Express</i> , 2015 , 23, 12382-93	3.3	135
8	An optimal scaling scheme for DCO-OFDM based visible light communications. <i>Optics Communications</i> , 2015 , 356, 136-140	2	16
7	A reduced-complexity demapping algorithm for BICM-ID systems. <i>IEEE Transactions on Vehicular Technology</i> , 2015 , 64, 4350-4356	6.8	8
6	Modified PTS-based PAPR reduction for ACO-OFDM in visible light communications. <i>Science China Information Sciences</i> , 2015 , 58, 1-3	3.4	1
5	Multuser MIMO-OFDM for Visible Light Communications. <i>IEEE Photonics Journal</i> , 2015 , 7, 1-11	1.8	75
4	. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 63, 119-130	6.8	33
3	Iterative Receiver for Hybrid Asymmetrically Clipped Optical OFDM. <i>Journal of Lightwave Technology</i> , 2014 , 32, 4471-4477	4	21
2	An adaptive scaling and biasing scheme for OFDM-based visible light communication systems. <i>Optics Express</i> , 2014 , 22, 12707-15	3.3	35
1	Enhancing the decoding performance of optical wireless communication systems using receiver-side predistortion. <i>Optics Express</i> , 2013 , 21, 30295-305	3.3	15