

Nuo Huang

List of Publications by Year in descending order

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50
papers

729
citations

516561

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26
g-index

50
all docs

50
docs citations

50
times ranked

955
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy-Efficient NOMA-Based Mobile Edge Computing Offloading. IEEE Communications Letters, 2019, 23, 310-313.	2.5	129
2	Joint Trajectory and Communication Design for Secure UAV Networks. IEEE Communications Letters, 2019, 23, 636-639.	2.5	55
3	Transmit Designs for Spectral Coexistence of MIMO Radar and MIMO Communication Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 2072-2076.	2.2	42
4	Pricing-Based Distributed Energy-Efficient Beamforming for MISO Interference Channels. IEEE Journal on Selected Areas in Communications, 2016, 34, 710-722.	9.7	40
5	The K-Best Sphere Decoding for Soft Detection of Generalized Spatial Modulation. IEEE Transactions on Communications, 2017, 65, 4803-4816.	4.9	35
6	Sum Rate Maximization for VLC Systems With Simultaneous Wireless Information and Power Transfer. IEEE Photonics Technology Letters, 2017, 29, 531-534.	1.3	34
7	Downlink Resource Allocation and Power Control for Device-to-Device Communication Underlying Cellular Networks. IEEE Communications Letters, 2016, , 1-1.	2.5	30
8	Design and Demonstration of Robust Visible Light Positioning Based on Received Signal Strength. Journal of Lightwave Technology, 2020, 38, 5695-5707.	2.7	30
9	Transceiver Design for MIMO VLC Systems With Integer-Forcing Receivers. IEEE Journal on Selected Areas in Communications, 2018, 36, 66-77.	9.7	29
10	Totally Distributed Energy-Efficient Transmission in MIMO Interference Channels. IEEE Transactions on Wireless Communications, 2015, 14, 6325-6338.	6.1	27
11	Pilot Allocation and Power Control in D2D Underlay Massive MIMO Systems. IEEE Communications Letters, 2017, 21, 112-115.	2.5	27
12	Joint Power and Channel Allocation for D2D Underlying Cellular Networks With Rician Fading. IEEE Communications Letters, 2018, 22, 2615-2618.	2.5	27
13	Receiver Design for PAM-DMT in Indoor Optical Wireless Links. IEEE Photonics Technology Letters, 2015, 27, 161-164.	1.3	22
14	Capacity analysis for pulse amplitude modulated visible light communications with dimming control. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2014, 31, 561.	0.8	18
15	Ergodic capacity and outage capacity analysis for multiple-input single-output free-space optical communications over composite channels. Optical Engineering, 2014, 53, 016107.	0.5	17
16	Iterative Receiver for Flip-OFDM in Optical Wireless Communication. IEEE Photonics Technology Letters, 2015, 27, 1729-1732.	1.3	17
17	Preliminary Characterization of Coverage for Water-to-Air Visible Light Communication Through Wavy Water Surface. IEEE Photonics Journal, 2021, 13, 1-13.	1.0	15
18	Tradeoff Between Secrecy Capacity and Harvested Energy for Secure Visible Light Communications With SWIPT. IEEE Access, 2019, 7, 29543-29552.	2.6	13

#	ARTICLE	IF	CITATIONS
19	Radar and Communication Co-Existence Design Based on Mutual Information Optimization. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 3577-3581.	2.2	12
20	Capacity and Optimum Signal Constellations for VLC Systems. Journal of Lightwave Technology, 2020, 38, 2180-2189.	2.7	12
21	Parallel Deep Reinforcement Learning Based Online User Association Optimization in Heterogeneous Networks. , 2020, , .		9
22	Energy-Efficient Hybrid Precoding for Millimeter Wave Systems in MIMO Interference Channels. , 2016, , .		7
23	Power-Efficient Transmission for User-Centric Networks With Limited Fronthaul Capacity and Computation Resource. IEEE Transactions on Communications, 2020, 68, 5649-5660.	4.9	7
24	Channel Allocation and Power Control in D2D Uplink Underlaid Cellular Networks. , 2016, , .		6
25	Design of two-dimensional signal constellations for visible light communication. Optics Communications, 2017, 385, 167-171.	1.0	6
26	Anti error and erasure coding for water-to-air visible light communication through wavy water surface with wave height up to 0.6 meters. Optics Express, 2022, 30, 18743.	1.7	6
27	Pricing-based distributed power control for weighted sum energy-efficiency maximization in ad hoc networks. , 2014, , .		5
28	Enhanced hybrid asymmetrically clipped orthogonal frequency division multiplexing for optical wireless communications. Optical Engineering, 2016, 55, 056111.	0.5	5
29	Enhanced subcarrier-index modulation-based asymmetrically clipped optical OFDM using even subcarriers. Optics Communications, 2017, 402, 600-605.	1.0	5
30	Robust Beamforming Based on Steering Vector and Covariance Matrix Estimation. Circuits, Systems, and Signal Processing, 2018, 37, 4665-4682.	1.2	5
31	Improved Receivers for Optical Wireless OFDM: An Information Theoretic Perspective. IEEE Transactions on Communications, 2022, 70, 4439-4453.	4.9	5
32	Resource Allocation for Energy-Efficient Transmission in D2D Underlaid Cellular Networks. , 2016, , .		4
33	Incorporating Importance Sampling in EM Learning for Sequence Detection in SPAD Underwater OWC. IEEE Access, 2019, 7, 4529-4537.	2.6	4
34	Channel Modeling and Signal Processing for Array-Based Visible Light Communication System Under Link Misalignment. IEEE Photonics Journal, 2022, 14, 1-10.	1.0	4
35	On the Mutual Information of VLC Systems Employing Color-Shift Keying. IEEE Photonics Technology Letters, 2017, 29, 1427-1430.	1.3	3
36	Multiobjective Optimization for Spectral Coexistence of Radar and Communication System. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
37	Free-space optical communications using all-optical relays over weak turbulence channels with pointing errors. , 2013, , .		2
38	Novel spectral efficient OFDM for optical wireless communication. , 2016, , .		2
39	PAM sequence design for dimmable visible light communication. Optics Communications, 2017, 384, 130-136.	1.0	2
40	Power-efficient D2D relaying cellular network access. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3576.	2.6	2
41	Preliminary Investigation of Air-to-Water Visible Light Communication Link Under Strong Ambient Light. , 2021, , .		2
42	Relay-Assisted Device-to-Device Communications for Video Transmission in Cellular Networks. , 2015, , .		1
43	On the Capacity and Optimal Signal Constellations for SISO-VLC Systems. , 2018, , .		1
44	Resource Allocation for Relay-Assisted D2D Communications with Network Coding. , 2018, , .		1
45	Concatenated RS-LDPC Coding for Water-to-Air Visible Light Communication Through Wavy Water Surface. , 2021, , .		1
46	Pricing-based distributed beamforming for weighted sum energy-efficiency in MISO ad hoc networks. , 2015, , .		0
47	Importance Sampling Based EM Algorithm for Sequence Detection in Outdoor OWC Systems. , 2018, , .		0
48	DC bias and power optimization for AV-DCO-OFDM in optical wireless communication. Optics Communications, 2020, 473, 125951.	1.0	0
49	3-Gb/s Visible Light Communication over 5 m Distance Based on Imaging System with Low Transmission Power and Off-the-Shelf LEDs. , 2021, , .		0
50	Impact of Scattering on Communication and Secrecy Performance over Underwater Quantum Links. , 2021, , .		0