

Hong

List of Publications by Year in descending order

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48
papers

1,450
citations

471509

17
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315739

38
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48
all docs

48
docs citations

48
times ranked

1583
citing authors

#	ARTICLE	IF	CITATIONS
1	Secrecy Rate Maximization for Intelligent Reflecting Surface Assisted Multi-Antenna Communications. IEEE Communications Letters, 2019, 23, 1488-1492.	4.1	353
2	Multiuser MISO Transceiver Design for Indoor Downlink Visible Light Communication Under Per-LED Optical Power Constraints. IEEE Photonics Journal, 2015, 7, 1-15.	2.0	96
3	MIMO Channel Information Feedback Using Deep Recurrent Network. IEEE Communications Letters, 2019, 23, 188-191.	4.1	92
4	Indoor Positioning for Multiphotodiode Device Using Visible-Light Communications. IEEE Photonics Journal, 2016, 8, 1-11.	2.0	75
5	Hybrid Precoding Architecture for Massive Multiuser MIMO With Dissipation: Sub-Connected or Fully Connected Structures?. IEEE Transactions on Wireless Communications, 2018, 17, 5465-5479.	9.2	67
6	Beamforming Optimization for IRS-Aided Communications With Transceiver Hardware Impairments. IEEE Transactions on Communications, 2021, 69, 1214-1227.	7.8	65
7	Rate-Maximized Zero-Forcing Beamforming for VLC Multiuser MISO Downlinks. IEEE Photonics Journal, 2016, 8, 1-13.	2.0	59
8	A Semi-Closed Form Solution to MIMO Relaying Optimization With Source-Destination Link. IEEE Signal Processing Letters, 2016, 23, 247-251.	3.6	54
9	Secrecy-Oriented Transmitter Optimization for Visible Light Communication Systems. IEEE Photonics Journal, 2016, 8, 1-14.	2.0	49
10	Beamforming Design With Fast Convergence for IRS-Aided Full-Duplex Communication. IEEE Communications Letters, 2020, 24, 2849-2853.	4.1	38
11	Rate Maximization for Downlink Multiuser Visible Light Communications. IEEE Access, 2016, 4, 6567-6573.	4.2	36
12	Optimal power allocation for downlink two-user non-orthogonal multiple access in visible light communication. Journal of Communications and Information Networks, 2017, 2, 57-64.	5.2	32
13	Robust Optimization for Amplify-and-Forward MIMO Relaying From a Worst-Case Perspective. IEEE Transactions on Signal Processing, 2013, 61, 5458-5471.	5.3	29
14	Utility-Energy Efficiency Oriented User Association With Power Control in Heterogeneous Networks. IEEE Wireless Communications Letters, 2018, 7, 526-529.	5.0	26
15	Multicell Edge Coverage Enhancement Using Mobile UAV-Relay. IEEE Internet of Things Journal, 2020, 7, 7482-7494.	8.7	23
16	Joint Detection and Decoding in LDPC-Based Space-Time Coded MIMO-OFDM Systems via Linear Programming. IEEE Transactions on Signal Processing, 2015, 63, 3411-3424.	5.3	21
17	Transmitter Optimization for Per-Antenna Power Constrained Multi-Antenna Downlinks: A SLNR Maximization Methodology. IEEE Transactions on Signal Processing, 2016, 64, 2712-2725.	5.3	20
18	Analysis and Optimization of P-LDPC Coded RGB-LED-Based VLC Systems. IEEE Photonics Journal, 2015, 7, 1-13.	2.0	18

#	ARTICLE	IF	CITATIONS
19	Joint Transmit and Receive Beamforming for Multiuser MIMO Downlinks With Channel Uncertainty. IEEE Transactions on Vehicular Technology, 2014, 63, 2319-2335.	6.3	17
20	An Enhanced SCMA Detector Enabled by Deep Neural Network. , 2018, , .		17
21	A Worst-Case Robust Beamforming Design for Multi-Antenna AF Relaying. IEEE Communications Letters, 2013, 17, 713-716.	4.1	16
22	Optimization of Generalized VDMM for Protograph-Based LDPC Coded BICM. IEEE Communications Letters, 2014, 18, 853-856.	4.1	16
23	Multi-colour LED specified bipolar colour shift keying scheme for visible light communications. Electronics Letters, 2016, 52, 133-135.	1.0	16
24	Cooperative Multi-RIS Communications for Wideband mmWave MISO-OFDM Systems. IEEE Wireless Communications Letters, 2021, 10, 2360-2364.	5.0	16
25	A Worst-Case Robust MMSE Transceiver Design for Nonregenerative MIMO Relaying. IEEE Transactions on Wireless Communications, 2014, 13, 695-709.	9.2	15
26	Transceiver Optimization for Full-Duplex Massive MIMO AF Relaying With Direct Link. IEEE Access, 2016, 4, 8857-8864.	4.2	15
27	Network Availability Maximization for Free-Space Optical Satellite Communications. IEEE Wireless Communications Letters, 2020, 9, 411-415.	5.0	15
28	Low-Cost Passive Beamforming for RIS-Aided Wideband OFDM Systems. IEEE Wireless Communications Letters, 2022, 11, 318-322.	5.0	15
29	Design of Protograph-Based LDPC Codes with Limited Decoding Complexity. IEEE Communications Letters, 2017, 21, 2570-2573.	4.1	14
30	Toward Optimized Network Capacity in Emerging Integrated Terrestrial-Satellite Networks. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 263-275.	4.7	14
31	QoS Constrained Optimization for Multi-Antenna AF Relaying With Multiple Eavesdroppers. IEEE Signal Processing Letters, 2015, 22, 2224-2228.	3.6	13
32	Energy Efficiency Optimization for MIMO Visible Light Communication Systems. IEEE Wireless Communications Letters, 2020, 9, 452-456.	5.0	13
33	Is Full-Duplex Relaying More Energy Efficient Than Half-Duplex Relaying?. IEEE Wireless Communications Letters, 2019, 8, 841-844.	5.0	11
34	Non-Alternating Globally Optimal MMSE Precoding for Multiuser VLC Downlinks. IEEE Communications Letters, 2019, 23, 608-611.	4.1	10
35	Energy Efficient Beamforming Optimization for Integrated Sensing and Communication. IEEE Wireless Communications Letters, 2022, 11, 1374-1378.	5.0	10
36	CSI Impaired Precoding Optimization for Energy-Efficient MIMO Communications Under Total Power Constraint. IEEE Communications Letters, 2016, 20, 514-517.	4.1	9

#	ARTICLE	IF	CITATIONS
37	ICINet: ICI-Aware Neural Network Based Channel Estimation for Rapidly Time-Varying OFDM Systems. IEEE Communications Letters, 2021, 25, 2973-2977.	4.1	9
38	On Uplink Performance of Multiuser Massive MIMO Relay Network With Limited RF Chains. IEEE Transactions on Vehicular Technology, 2020, 69, 8670-8683.	6.3	7
39	Optimized Full-Duplex MIMO DF Relaying With Limited Dynamic Range. IEEE Access, 2017, 5, 20726-20735.	4.2	6
40	Outage Minimized Full-Duplex Multiantenna DF Relaying With CSI Uncertainty. IEEE Transactions on Vehicular Technology, 2018, 67, 9000-9005.	6.3	5
41	Energy Efficient Joint Power Optimization for Full-Duplex Relaying. IEEE Access, 2019, 7, 137040-137047.	4.2	5
42	A Distributed LT Code Design for Multiple-Access Relay Networks Subject to Erasures. IEEE Communications Letters, 2015, 19, 509-512.	4.1	3
43	Energy Efficient Relaying in Multiantenna Two-Hop Channels With Imperfect CSI. IEEE Wireless Communications Letters, 2016, 5, 292-295.	5.0	3
44	Quantized Hybrid Precoding for Massive Multiuser MIMO with Insertion Loss. , 2017, , .		2
45	Statistically Robust Beamforming Optimization for Multi-Antenna Full-Duplex DF Relaying. IEEE Access, 2019, 7, 175564-175575.	4.2	2
46	Is Multipath Channel Beneficial for Wideband Massive MIMO With Low-Resolution ADCs?. IEEE Transactions on Communications, 2021, 69, 4083-4097.	7.8	2
47	On uplink performance of massive MIMO relaying with hybrid multiuser detection. , 2017, , .		1
48	Efficient Iterative Detection Based on the Soft Fixed-complexity Sphere Decoder. Dianzi Yu Xinxu Xuebao/Journal of Electronics and Information Technology, 2013, 34, 1659-1664.	0.1	0