

Li You

List of Publications by Year in descending order

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393982

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86
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times ranked

1220
citing authors

#	ARTICLE	IF	CITATIONS
1	Cooperative Beamforming for Antieavesdropping Communications Systems. IEEE Systems Journal, 2023, 17, 525-535.	2.9	0
2	Cooperative Multistation Secure Transmission in HF Skywave Massive MIMO Communications for Wide-Area IoT Applications. IEEE Transactions on Reliability, 2023, 72, 459-471.	3.5	1
3	Downlink Transmit Design for Massive MIMO LEO Satellite Communications. IEEE Transactions on Communications, 2022, 70, 1014-1028.	4.9	38
4	Multuser MIMO Uplink Transmission With Electromagnetic Exposure Constraints: Spectral Efficiency and Energy Efficiency Tradeoff. IEEE Communications Letters, 2022, 26, 1096-1100.	2.5	5
5	Coordinated multicast and unicast transmission in V2V underlay massive MIMO. Science China Information Sciences, 2022, 65, 1.	2.7	1
6	OFDM-Based Massive Grant-Free Transmission Over Frequency-Selective Fading Channels. IEEE Transactions on Communications, 2022, 70, 4543-4558.	4.9	4
7	Massive MIMO Hybrid Precoding for LEO Satellite Communications With Twin-Resolution Phase Shifters and Nonlinear Power Amplifiers. IEEE Transactions on Communications, 2022, 70, 5543-5557.	4.9	6
8	Robust Downlink Precoding for LEO Satellite Systems With Per-Antenna Power Constraints. IEEE Transactions on Vehicular Technology, 2022, 71, 10694-10711.	3.9	2
9	Energy Efficiency Optimization for Radar-Communication Coexistence with Statistical CSIT. , 2022, , .		0
10	On One-Bit Line-of-Sight MIMO Communications at Flexible Communications Distances. IEEE Wireless Communications Letters, 2021, 10, 116-120.	3.2	2
11	Energy Efficiency and Spectral Efficiency Tradeoff in RIS-Aided Multiuser MIMO Uplink Transmission. IEEE Transactions on Signal Processing, 2021, 69, 1407-1421.	3.2	139
12	Widely-Linear Processing for the Uplink of the Massive MIMO With IQ Imbalance: Channel Estimation and Data Detection. IEEE Transactions on Signal Processing, 2021, 69, 4685-4698.	3.2	7
13	Spatial Covariance Matrix Reconstruction for DOA Estimation in Hybrid Massive MIMO Systems With Multiple Radio Frequency Chains. IEEE Transactions on Vehicular Technology, 2021, 70, 12185-12190.	3.9	8
14	On the Trade-Off between Energy Efficiency and Spectral Efficiency in RIS-Aided Multi-User MISO Downlink. Electronics (Switzerland), 2021, 10, 1307.	1.8	9
15	A Bipartite Graph Approach for FDD V2V Underlay Massive MIMO Transmission. IEEE Transactions on Vehicular Technology, 2021, 70, 5149-5154.	3.9	2
16	Resource Efficiency Optimization for Robust Multigroup Multicast Satellite Communications. , 2021, , .		3
17	Location-Based Timing Advance Estimation for 5G Integrated LEO Satellite Communications. IEEE Transactions on Vehicular Technology, 2021, 70, 6002-6017.	3.9	20
18	Hybrid A/D Precoding for Downlink Massive MIMO in LEO Satellite Communications. , 2021, , .		13

#	ARTICLE	IF	CITATIONS
19	Learning to Localize: A 3D CNN Approach to User Positioning in Massive MIMO-OFDM Systems. IEEE Transactions on Wireless Communications, 2021, 20, 4556-4570.	6.1	26
20	Channel Prediction in High-Mobility Massive MIMO: From Spatio-Temporal Autoregression to Deep Learning. IEEE Journal on Selected Areas in Communications, 2021, 39, 1915-1930.	9.7	28
21	Energy-Efficient Precoding in Electromagnetic Exposure-Constrained Uplink Multiuser MIMO. IEEE Transactions on Vehicular Technology, 2021, 70, 7226-7231.	3.9	6
22	Resource Efficiency Optimization for Robust Beamforming in Multi-Beam Satellite Communications. IEEE Transactions on Vehicular Technology, 2021, 70, 6958-6968.	3.9	22
23	Energy Efficiency Optimization for Multi-Cell Massive MIMO: Centralized and Distributed Power Allocation Algorithms. IEEE Transactions on Communications, 2021, 69, 5228-5242.	4.9	12
24	Active Channel Sparsification for Uplink Massive MIMO With Uniform Planar Array. IEEE Transactions on Wireless Communications, 2021, 20, 6018-6032.	6.1	5
25	Reconfigurable Intelligent Surfaces-Assisted Multiuser MIMO Uplink Transmission With Partial CSI. IEEE Transactions on Wireless Communications, 2021, 20, 5613-5627.	6.1	46
26	Channel Estimation and Robust Detection for IQ Imbalanced Uplink Massive MIMO-OFDM With Adjustable Phase Shift Pilots. IEEE Access, 2021, 9, 35864-35878.	2.6	10
27	Deterministic Pilot Design and Channel Estimation for Downlink Massive MIMO-OTFS Systems in Presence of the Fractional Doppler. IEEE Transactions on Wireless Communications, 2021, 20, 7151-7165.	6.1	38
28	Massive MIMO Downlink Transmission for LEO Satellite Communications. , 2021, , .		6
29	Precoding Design for Joint Synchronization and Positioning in 5G Integrated Satellite Communications. , 2021, , .		2
30	Dynamic Metasurface Antennas for Energy Efficient Uplink Massive MIMO Communications. , 2021, , .		1
31	Physical Layer Multicasting in Massive MIMO Systems With Statistical CSIT. IEEE Transactions on Vehicular Technology, 2020, 69, 1651-1665.	3.9	4
32	D2D-Enabled User Cooperation in Massive MIMO. IEEE Systems Journal, 2020, 14, 4406-4417.	2.9	6
33	Channel Estimation With Pilot Reuse in IQ Imbalanced Massive MIMO. IEEE Access, 2020, 8, 1542-1555.	2.6	16
34	Energy Efficiency and Spectral Efficiency Tradeoff in Massive MIMO Multicast Transmission with Statistical CSI. Entropy, 2020, 22, 1045.	1.1	3
35	Satellite-Aided Consensus Protocol for Scalable Blockchains. Sensors, 2020, 20, 5616.	2.1	11
36	Network Massive MIMO Transmission Over Millimeter-Wave and Terahertz Bands: Mobility Enhancement and Blockage Mitigation. IEEE Journal on Selected Areas in Communications, 2020, 38, 2946-2960.	9.7	32

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37	Massive MIMO Transmission for LEO Satellite Communications. IEEE Journal on Selected Areas in Communications, 2020, 38, 1851-1865.	9.7	205
38	LEO Satellite Communications with Massive MIMO. , 2020, , .		22
39	Energy Efficiency Optimization in Massive MIMO Secure Multicast Transmission. Entropy, 2020, 22, 1145.	1.1	0
40	Reconfigurable Intelligent Surfaces Assisted MIMO-MAC with Partial CSI. , 2020, , .		5
41	Network Massive MIMO Transmission Over Millimeter-Wave Bands. , 2020, , .		1
42	Robust Energy-Efficient Multigroup Multicast Beamforming for Multi-Beam Satellite Communications. , 2020, , .		11
43	Phase Shift Adjustable Pilots for Channel Acquisition in Vehicle-to-Vehicle Underlay Wideband Massive MIMO. IEEE Access, 2020, 8, 203793-203803.	2.6	1
44	Pilot Reuse for Vehicle-to-Vehicle Underlay Massive MIMO Transmission. IEEE Transactions on Vehicular Technology, 2020, 69, 5693-5697.	3.9	13
45	Covariance Matrix Reconstruction for DOA Estimation in Hybrid Massive MIMO Systems. IEEE Wireless Communications Letters, 2020, 9, 1196-1200.	3.2	25
46	Optimal Three-Dimensional Antenna Array for Direction Finding With Geometric Constraint. IEEE Access, 2020, 8, 31948-31956.	2.6	1
47	Energy Efficiency Optimization for Downlink Massive MIMO With Statistical CSIT. IEEE Transactions on Wireless Communications, 2020, 19, 2684-2698.	6.1	36
48	Spectral Efficiency and Energy Efficiency Tradeoff in Massive MIMO Downlink Transmission With Statistical CSIT. IEEE Transactions on Signal Processing, 2020, 68, 2645-2659.	3.2	58
49	Massive MIMO BDMA Transmission. , 2020, , 775-779.		0
50	Max-Min Energy-Efficient Multi-Cell Massive MIMO Transmission Exploiting Statistical CSI. , 2020, , .		2
51	Pilot Reuse for Massive MIMO. , 2020, , 1071-1073.		1
52	Per-Beam Synchronization for Millimeter-Wave Massive MIMO. , 2020, , 1062-1064.		0
53	Artificial Noise Assisted Secure Massive MIMO Transmission Exploiting Statistical CSI. IEEE Communications Letters, 2019, 23, 2386-2389.	2.5	11
54	Near Optimal Timing and Frequency Offset Estimation for 5G Integrated LEO Satellite Communication System. IEEE Access, 2019, 7, 113298-113310.	2.6	49

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55	Transmit Design for Massive MIMO Multicasting with Statistical CSIT. , 2019, , .		1
56	Energy Efficiency Optimization for Massive MIMO Non-Orthogonal Unicast and Multicast Transmission with Statistical CSI. Electronics (Switzerland), 2019, 8, 857.	1.8	8
57	Limited Feedforward for Channel Estimation in Massive MIMO With Cascaded Precoding. IEEE Access, 2019, 7, 76217-76226.	2.6	0
58	DFT-Based Low-Complexity Channel Estimation Method for Millimeter-Wave MIMO Systems. Wireless Personal Communications, 2019, 107, 205-216.	1.8	6
59	Secure Multicast Transmission for Massive MIMO With Statistical Channel State Information. IEEE Signal Processing Letters, 2019, 26, 803-807.	2.1	16
60	Outage Constrained Robust Multigroup Multicast Beamforming for Multi-Beam Satellite Communication Systems. IEEE Wireless Communications Letters, 2019, 8, 352-355.	3.2	52
61	Energy Efficient Precoding for Massive MIMO Downlink Transmission with Statistical CSI. , 2019, , .		1
62	IQ Imbalance Aware Receiver for Uplink Massive MIMO-OFDM with Adjustable Phase Shift Pilots. , 2019, , .		3
63	Energy- and Spectral-Efficiency Tradeoff in Beam Domain Massive MIMO Downlink with Statistical CSIT. , 2019, , .		2
64	A Stochastic Ray-Tracing Approach for Maritime Line-of-Sight Channel Modeling. , 2019, , .		0
65	Polynomial Manifold Interpolation for Direction Finding in the Presence of Mutual Coupling. IEEE Access, 2019, 7, 173811-173816.	2.6	2
66	Robust MMSE precoding for massive MIMO transmission with hardware mismatch. Science China Information Sciences, 2018, 61, 1.	2.7	13
67	Robust Multigroup Multicast Precoding for Frame-Based Multi-Beam Satellite Communications. , 2018, , .		5
68	Coordinated Multicast Precoding for Multi-Cell Massive MIMO Transmission Exploiting Statistical Channel State Information. Electronics (Switzerland), 2018, 7, 338.	1.8	4
69	A Ray-Optics Approach for Evaporation Duct Channel Modeling. , 2018, , .		1
70	Non-Orthogonal Unicast and Multicast Transmission for Massive MIMO With Statistical Channel State Information. IEEE Access, 2018, 6, 66841-66849.	2.6	11
71	Energy-Efficient Multicast Precoding for Massive MIMO Transmission with Statistical CSI. Energies, 2018, 11, 3175.	1.6	7
72	Channel Estimation for Massive MIMO Uplink Transmission over Frequency Selective Fading Channels. , 2018, , .		0

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73	Multicell multiuser massive MIMO channel estimation and MPSK signal block detection applying two-dimensional compressed sensing. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2018, 2018, .	1.5	1
74	Robust Multigroup Multicast Transmission for Frame-Based Multi-Beam Satellite Systems. <i>IEEE Access</i> , 2018, 6, 46074-46083.	2.6	60
75	Massive MIMO BDMA Transmission. , 2018, , 1-5.		0
76	Per-Beam Synchronization for Millimeter-Wave Massive MIMO. , 2018, , 1-4.		0
77	Millimeter-wave/terahertz massive MIMO BDMA transmission with per-beam synchronization. , 2017, , .		1
78	A robust precoding for RF mismatched massive MIMO transmission. , 2017, , .		3
79	BDMA for Millimeter-Wave/Terahertz Massive MIMO Transmission With Per-Beam Synchronization. <i>IEEE Journal on Selected Areas in Communications</i> , 2017, 35, 1550-1563.	9.7	119
80	Channel Acquisition for Massive MIMO-OFDM With Adjustable Phase Shift Pilots. <i>IEEE Transactions on Signal Processing</i> , 2016, 64, 1461-1476.	3.2	214
81	Pilot Reuse for Massive MIMO Transmission over Spatially Correlated Rayleigh Fading Channels. <i>IEEE Transactions on Wireless Communications</i> , 2015, 14, 3352-3366.	6.1	298
82	Adjustable phase shift pilots for sparse massive MIMO-OFDM channels. , 2015, , .		4
83	Multi-cell massive MIMO transmission with coordinated pilot reuse. <i>Science China Technological Sciences</i> , 2015, 58, 2186-2194.	2.0	7
84	Massive MIMO transmission with pilot reuse in single cell. , 2014, , .		22
85	Coordinated pilot reuse for multi-cell massive MIMO transmission. , 2014, , .		2