Dong Li

List of Publications by Year in descending order

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43 papers	1,080 citations	430442 18 h-index	395343 33 g-index
43 all docs	43 docs citations	43 times ranked	892 citing authors

#	Article	IF	Citations
1	A Novel Framework of Three-Hierarchical Offloading Optimization for MEC in Industrial IoT Networks. IEEE Transactions on Industrial Informatics, 2020, 16, 5424-5434.	7.2	105
2	Dynamic Offloading for Multiuser Muti-CAP MEC Networks: A Deep Reinforcement Learning Approach. IEEE Transactions on Vehicular Technology, 2021, 70, 2922-2927.	3.9	93
3	Physical Layer Security of Cognitive Ambient Backscatter Communications for Green Internet-of-Things. IEEE Transactions on Green Communications and Networking, 2021, 5, 1066-1076.	3.5	93
4	Ergodic Capacity of Intelligent Reflecting Surface-Assisted Communication Systems With Phase Errors. IEEE Communications Letters, 2020, 24, 1646-1650.	2.5	72
5	Adaptive Ambient Backscatter Communication Systems With MRC. IEEE Transactions on Vehicular Technology, 2018, 67, 12352-12357.	3.9	60
6	Ultra-reliable MU-MIMO detector based on deep learning for 5G/B5G-enabled IoT. Physical Communication, 2020, 43, 101181.	1.2	51
7	Hybrid Ambient Backscatter Communication Systems With Harvest-Then-Transmit Protocols. IEEE Access, 2018, 6, 45288-45298.	2.6	49
8	Performance Analysis of MRC Diversity for Cognitive Radio Systems. IEEE Transactions on Vehicular Technology, 2012, 61, 849-853.	3.9	45
9	Capacity of Backscatter Communication Systems With Tag Selection. IEEE Transactions on Vehicular Technology, 2019, 68, 10311-10314.	3.9	38
10	Joint Computation Offloading and Radio Resource Allocation in MEC-Based Wireless-Powered Backscatter Communication Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 6200-6205.	3.9	36
11	Two Birds With One Stone: Exploiting Decode-and-Forward Relaying for Opportunistic Ambient Backscattering. IEEE Transactions on Communications, 2020, 68, 1405-1416.	4.9	33
12	Multipoint Wireless Information and Power Transfer to Maximize Sum-Throughput in WBAN With Energy Harvesting. IEEE Internet of Things Journal, 2019, 6, 7069-7078.	5.5	32
13	Price-Based Bandwidth Allocation for Backscatter Communication With Bandwidth Constraints. IEEE Transactions on Wireless Communications, 2019, 18, 5170-5180.	6.1	30
14	How Many Reflecting Elements Are Needed for Energy- and Spectral-Efficient Intelligent Reflecting Surface-Assisted Communication. IEEE Transactions on Communications, 2022, 70, 1320-1331.	4.9	28
15	Cognitive Relay Networks: Opportunistic or Uncoded Decode-and-Forward Relaying?. IEEE Transactions on Vehicular Technology, 2014, 63, 1486-1491.	3.9	27
16	Capacity of Backscatter Communication With Frequency Shift in Rician Fading Channels. IEEE Wireless Communications Letters, 2019, 8, 1639-1643.	3.2	22
17	Outage-Constrained Energy Efficiency Maximization for RIS-Assisted WPCNs. IEEE Communications Letters, 2021, 25, 3370-3374.	2.5	21
18	Delay Minimization in Wireless Powered Mobile Edge Computing With Hybrid BackCom and AT. IEEE Wireless Communications Letters, 2021, 10, 1532-1536.	3.2	19

#	Article	IF	Citations
19	On Hybrid Pilot for Channel Estimation in Massive MIMO Uplink. IEEE Transactions on Vehicular Technology, 2019, 68, 6670-6685.	3.9	18
20	Backscatter Communication via Harvest-Then-Transmit Relaying. IEEE Transactions on Vehicular Technology, 2020, 69, 6843-6847.	3.9	18
21	Robust Energy-Efficient Optimization for Secure Wireless-Powered Backscatter Communications With a Non-Linear EH Model. IEEE Communications Letters, 2021, 25, 3209-3213.	2.5	17
22	Fairness-Aware Multiuser Scheduling for Finite-Resolution Intelligent Reflecting Surface-Assisted Communication. IEEE Communications Letters, 2021, 25, 2395-2399.	2.5	15
23	Hybrid Active and Passive Antenna Selection for Backscatter-Assisted MISO Systems. IEEE Transactions on Communications, 2020, 68, 7258-7269.	4.9	14
24	Efficient Power Allocation for Multiuser Cognitive Radio Networks. Wireless Personal Communications, 2011, 59, 589-597.	1.8	13
25	Opportunistic DFâ€“AF Selection for Cognitive Relay Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 2790-2796.	3.9	13
26	Adaptive Mode Selection for Backscatter-Assisted Communication Systems With Opportunistic SIC. IEEE Transactions on Vehicular Technology, 2020, 69, 2327-2331.	3.9	12
27	Resource Allocation for Secure SWIPT-Enabled D2D Communications With $alpha$ Fairness. IEEE Transactions on Vehicular Technology, 2022, 71, 1101-1106.	3.9	12
28	Linear Canonical Wigner Distribution of Noisy LFM Signals via Multiobjective Optimization Analysis Involving Variance-SNR. IEEE Communications Letters, 2021, 25, 546-550.	2.5	11
29	Sharper N-D Heisenberg's Uncertainty Principle. IEEE Signal Processing Letters, 2021, 28, 1665-1669.	2.1	11
30	Fairness-Based Multiuser Scheduling for Ambient Backscatter Communication Systems. IEEE Wireless Communications Letters, 2020, 9, 1150-1154.	3.2	10
31	Convolutional Autoencoder-Based Phase Shift Feedback Compression for Intelligent Reflecting Surface-Assisted Wireless Systems. IEEE Communications Letters, 2022, 26, 89-93.	2.5	9
32	Cooperative signal classification using spectral correlation function in cognitive radio networks. , 2016, , .		8
33	Backscatter Communication Powered By Selective Relaying. IEEE Transactions on Vehicular Technology, 2020, 69, 14037-14042.	3.9	8
34	Green MEC Networks Design Under UAV Attack: A Deep Reinforcement Learning Approach. IEEE Transactions on Green Communications and Networking, 2021, 5, 1248-1258.	3.5	8
35	Joint Power and Rate Control Combined with Adaptive Modulation in Cognitive Radio Networks. Wireless Personal Communications, 2012, 63, 549-559.	1.8	7
36	Optimal Resource Allocation in Point-to-Point Wireless Body Area Network with Backscatter Communication. , 2020, , .		7

#	Article	IF	Citations
37	Extended Space Index Modulation. IEEE Wireless Communications Letters, 2022, 11, 1171-1175.	3.2	5
38	Max-Min Energy-Efficient Optimization for Cognitive Heterogeneous Networks With Spectrum Sensing Errors and Channel Uncertainties. IEEE Wireless Communications Letters, 2022, 11, 1113-1117.	3.2	4
39	Full-Duplex Relaying With Quantize-Map-and-Forward. IEEE Access, 2018, 6, 14298-14306.	2.6	2
40	Tag Selection for Backscatter Communication in Classified Wireless Body Area Networks. , 2020, , .		2
41	Performance analysis and optimization for virtual full-duplex quantize-map-forward two-way relay systems. Computer Communications, 2018, 123, 1-10.	3.1	1
42	Optimal Linear Cooperation for Signal Classification in Cognitive Communication Networks. IEEE Transactions on Wireless Communications, 2020, 19, 3144-3155.	6.1	1
43	Minimizing Misclassification for Cooperative Spectrum Sensing Using M-Ary Hypothesis Testing. IEEE Transactions on Vehicular Technology, 2019, 68, 8210-8215.	3.9	0