

Yongjun Xu

List of Publications by Year in descending order

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times ranked

964
citing authors

#	ARTICLE	IF	CITATIONS
1	QoS Guaranteed Power Minimization and Beamforming for IRS-Assisted NOMA Systems. IEEE Wireless Communications Letters, 2023, 12, 391-395.	5.0	2
2	Robust resource allocation for NOMA-assisted heterogeneous networks. Digital Communications and Networks, 2022, 8, 208-214.	5.0	8
3	Convolutional Autoencoder-Based Phase Shift Feedback Compression for Intelligent Reflecting Surface-Assisted Wireless Systems. IEEE Communications Letters, 2022, 26, 89-93.	4.1	9
4	Max-Min Energy-Efficient Optimization for Cognitive Heterogeneous Networks With Spectrum Sensing Errors and Channel Uncertainties. IEEE Wireless Communications Letters, 2022, 11, 1113-1117.	5.0	4
5	Resource Allocation for Secure SWIPT-Enabled D2D Communications With α Fairness. IEEE Transactions on Vehicular Technology, 2022, 71, 1101-1106.	6.3	12
6	Robust Max-Min Energy Efficiency for RIS-Aided HetNets With Distortion Noises. IEEE Transactions on Communications, 2022, 70, 1457-1471.	7.8	55
7	Resource allocation for sum-rate maximization in NOMA-based generalized spatial modulation. Digital Communications and Networks, 2022, 8, 1077-1084.	5.0	4
8	Time-Varying Channel Prediction for RIS-Assisted MU-MISO Networks via Deep Learning. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 1802-1815.	7.9	17
9	Energy Efficiency Maximization in NOMA Enabled Backscatter Communications With QoS Guarantee. IEEE Wireless Communications Letters, 2021, 10, 353-357.	5.0	59
10	Distributed Resource Allocation for SWIPT-Based Cognitive Ad-Hoc Networks. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 1320-1332.	7.9	15
11	Robust Resource Allocation Algorithm for Energy-Harvesting-Based D2D Communication Underlying UAV-Assisted Networks. IEEE Internet of Things Journal, 2021, 8, 17161-17171.	8.7	37
12	A Survey on Resource Allocation for 5G Heterogeneous Networks: Current Research, Future Trends, and Challenges. IEEE Communications Surveys and Tutorials, 2021, 23, 668-695.	39.4	305
13	Outage-Constrained Energy Efficiency Maximization for RIS-Assisted WPCNs. IEEE Communications Letters, 2021, 25, 3370-3374.	4.1	21
14	Energy-Efficient Resource Allocation with Imperfect CSI in NOMA-based D2D Networks with SWIPT. , 2021, , .		3
15	Max-Min Beamforming Design for Heterogeneous Networks With Hardware Impairments. IEEE Communications Letters, 2021, 25, 1328-1332.	4.1	10
16	Energy-efficient Optimization for IRS-assisted Wireless-powered Communication Networks. , 2021, , .		4
17	Soft Information Learning of BICM-ID System Based on Deep Learning. , 2021, , .		0
18	Energy-Efficient Resource Allocation for OFDMA-based Wireless-Powered Backscatter Communications. , 2021, , .		4

#	ARTICLE	IF	CITATIONS
19	Joint Computation Offloading and Radio Resource Allocation in MEC-Based Wireless-Powered Backscatter Communication Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 6200-6205.	6.3	36
20	RIS-Enhanced WPCNs: Joint Radio Resource Allocation and Passive Beamforming Optimization. IEEE Transactions on Vehicular Technology, 2021, 70, 7980-7991.	6.3	43
21	Joint Placement and Power Allocation Optimization for Sum Rate Maximization in NOMA-based UAV Networks. , 2021, , .		1
22	Robust Resource Allocation for Two-Tier HetNets: An Interference-Efficiency Perspective. IEEE Transactions on Green Communications and Networking, 2021, 5, 1514-1528.	5.5	18
23	Robust Secure Energy-Efficiency Optimization in SWIPT-Aided Heterogeneous Networks With a Nonlinear Energy-Harvesting Model. IEEE Internet of Things Journal, 2021, 8, 14908-14919.	8.7	22
24	Robust Energy-Efficient Optimization for Secure Wireless-Powered Backscatter Communications With a Non-Linear EH Model. IEEE Communications Letters, 2021, 25, 3209-3213.	4.1	17
25	Price-Based Resource Allocation in NOMA System with Hardware Impairments. , 2021, , .		1
26	Robust Resource Allocation for Energy Harvesting-Powered UAV-Assisted D2D Networks. , 2021, , .		3
27	RIS-aided Wireless Power Transfer for Unmanned Aerial Vehicles. , 2021, , .		1
28	Secure Communication in UAV-Enabled Mobile Relay Systems. , 2021, , .		0
29	Max-Min Energy Efficiency for RIS-aided HetNets with Hardware Impairments and Imperfect CSI. , 2021, , .		1
30	Joint energy-efficient resource allocation and transmission duration for cognitive HetNets under imperfect CSI. Signal Processing, 2020, 167, 107309.	3.7	7
31	Robust Max-Min Fairness Energy Efficiency in NOMA-based Heterogeneous Networks. , 2020, , .		6
32	Robust Power Allocation for Multi-Homing Heterogeneous Networks with Energy Harvesting. Journal of Physics: Conference Series, 2020, 1624, 062007.	0.4	0
33	Joint User Association and Power Allocation in Heterogeneous NOMA Networks With Imperfect CSI. IEEE Access, 2020, 8, 47607-47618.	4.2	18
34	User Grouping and Power Allocation for Downlink NOMA-Based Quadrature Spatial Modulation. IEEE Access, 2020, 8, 38136-38145.	4.2	8
35	Robust Energy-Efficient Maximization for Cognitive NOMA Networks Under Channel Uncertainties. IEEE Internet of Things Journal, 2020, 7, 8318-8330.	8.7	28
36	Optimal Resource Allocation for Wireless Powered Multi-Carrier Backscatter Communication Networks. IEEE Wireless Communications Letters, 2020, 9, 1191-1195.	5.0	32

#	ARTICLE	IF	CITATIONS
37	Deep Learning based Intelligent Recognition Method in Heterogeneous Communication Networks. , 2020, , .		4
38	Energy-efficient Resource Allocation for Secure IRS Networks with an Active Eavesdropper. , 2020, , .		4
39	Towards Green Mobile Edge Computing Offloading Systems with Security Enhancement. , 2020, , .		3
40	Optimal and Robust Interference Efficiency Maximization for Multicell Heterogeneous Networks. IEEE Access, 2019, 7, 102406-102416.	4.2	17
41	Price-Based Resource Allocation in Wireless Power Transfer-Enabled Massive MIMO Networks. Sensors, 2019, 19, 3298.	3.8	2
42	Robust Resource Allocation in NOMA based Cognitive Radio Networks. , 2019, , .		2
43	Max-Min Resource Allocation for Wireless Power Transfer Enabled Massive MIMO Systems. , 2019, , .		2
44	Robust Resource Allocation and Transmission Time Optimization for OFDMA-based Heterogeneous Networks. , 2019, , .		1
45	Power Allocation for Downlink Multiuser NOMA-Based Generalized Spatial Modulation. , 2019, , .		6
46	Robust Energy Efficiency Optimization for SWIPT-enabled Heterogeneous NOMA Networks. , 2019, , .		5
47	Joint Subchannel and Power Allocation for Cognitive NOMA Systems with Imperfect CSI. , 2019, , .		5
48	Max-Min Energy Efficiency Optimization Algorithm for Wireless Power Transfer Enabled Massive MIMO Systems. , 2019, , .		4
49	Energy efficient resource allocation algorithm in multi-carrier NOMA systems. , 2019, , .		6
50	Resource Allocation for OFDMA-Based Cognitive Networks: An Interference-Efficient Perspective. , 2019, , .		0
51	Robust Resource Allocation and Power Splitting in SWIPT Enabled Heterogeneous Networks: A Robust Minimax Approach. IEEE Internet of Things Journal, 2019, 6, 10799-10811.	8.7	59
52	Robust Energy-Efficient Downlink Resource Allocation in Heterogeneous Networks with Outage Probability Constraint. Wireless Personal Communications, 2019, 104, 441-458.	2.7	1
53	An Indoor Positioning Algorithm Based on RSSI Real-time Correction. , 2018, , .		11
54	A Low-Complexity Group Detection Algorithm for MIMO systems. , 2018, , .		0

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55	Robust power allocation for two-tier heterogeneous networks under channel uncertainties. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2018, 2018, .	2.4	0
56	A Design of Space-Time Block Code for Spatial Modulation Systems. , 2018, , .		0
57	ROBUST ENERGY-EFFICIENT POWER ALLOCATION STRATEGY FOR ENERGY HARVESTING-AIDED HETEROGENEOUS CELLULAR NETWORKS. , 2018, , .		3
58	Indoor Positioning Algorithm Based on the Improved RSSI Distance Model. <i>Sensors</i> , 2018, 18, 2820.	3.8	167
59	Robust Energy-Efficiency Power Allocation in Multicell HetNets with Channel Uncertainties. , 2018, , .		5
60	Robust Resource Allocation for Uplink Sum Rate Maximization in Multi-Cell Heterogeneous Networks. , 2018, , .		2
61	Robust Rate Maximization for Heterogeneous Wireless Networks under Channel Uncertainties. <i>Sensors</i> , 2018, 18, 639.	3.8	11
62	Robust resource allocation for heterogeneous wireless network: a worstâ€case optimisation. <i>IET Communications</i> , 2018, 12, 1064-1071.	2.2	12
63	Distributed Resource Allocation for Cognitive HetNets with Cross-Tier Interference Constraint. , 2017, , .		8
64	L2SSP: Robust keypoint description using local second-order statistics with soft-pooling. <i>Neurocomputing</i> , 2017, 230, 230-242.	5.9	6
65	Robust Power Control for OFDM-Based Cognitive Radio Networks with QoS Guarantee. <i>Wireless Personal Communications</i> , 2017, 96, 2125-2140.	2.7	0
66	Robust Power Allocation for OFDM Based Underlay Cognitive Radio Networks with Channel Uncertainties. <i>Wireless Personal Communications</i> , 2017, 94, 3531-3547.	2.7	1
67	Robust resource allocation for multi-tier cognitive heterogeneous networks. , 2017, , .		14
68	Optimal power allocation for multiuser OFDM-based cognitive heterogeneous networks. <i>China Communications</i> , 2017, 14, 52-61.	3.2	11
69	Robust uplink power allocation for two-tier heterogeneous networks. , 2017, , .		2
70	A low-complexity soft output detection algorithm for spatial modulation systems. , 2017, , .		3
71	Robust Power Allocation for OFDM-Based Cognitive Radio Networks under Signal-to-Interference-plus-Noise-Ratio Constraints. <i>Journal of Communications</i> , 2017, , .	1.6	2
72	Interference minimization based power allocation for cognitive radio networks with imperfect spectrum sensing. , 2016, , .		7

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73	Robust power control for cognitive radio networks under spectrum sensing errors. , 2016, , .		4
74	Power control for cognitive relay networks with sensing uncertainties. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	2.4	2
75	Robust adaptive power control for cognitive radio networks. IET Signal Processing, 2016, 10, 19-27.	1.5	10
76	Min-max BER Based Power Control for OFDM-Based Cognitive Cooperative Networks with Imperfect Spectrum Sensing. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 654-667.	0.3	0
77	Robust Power Control and Beamforming in Cognitive Radio Networks: A Survey. IEEE Communications Surveys and Tutorials, 2015, 17, 1834-1857.	39.4	111
78	Distributed power control for multiuser cognitive radio networks with quality of service and interference temperature constraints. Wireless Communications and Mobile Computing, 2015, 15, 1773-1783.	1.2	11
79	Robust rate maximization for OFDM-based cognitive radio networks. , 2014, , .		5
80	Robust power control for underlay cognitive radio networks under probabilistic quality of service and interference constraints. IET Communications, 2014, 8, 3333-3340.	2.2	14
81	Robust Power Control for Multiuser Underlay Cognitive Radio Networks Under QoS Constraints and Interference Temperature Constraints. Wireless Personal Communications, 2014, 75, 2383-2397.	2.7	9
82	Robust Probabilistic Distributed Power Control Algorithm for Underlay Cognitive Radio Networks under Channel Uncertainties. Wireless Personal Communications, 2014, 78, 1297-1312.	2.7	10