Qingqing Wu

List of Publications by Year
in descending order

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146 papers	18,299 citations	31949 53 h-index	20943 115 g-index
149 all docs	149 docs citations	149 times ranked	5960 citing authors

#	Article	IF	Citations
1	Intelligent Reflecting Surface Enhanced Wireless Network via Joint Active and Passive Beamforming. IEEE Transactions on Wireless Communications, 2019, 18, 5394-5409.	6.1	2,295
2	Towards Smart and Reconfigurable Environment: Intelligent Reflecting Surface Aided Wireless Network. IEEE Communications Magazine, 2020, 58, 106-112.	4.9	2,114
3	Joint Trajectory and Communication Design for Multi-UAV Enabled Wireless Networks. IEEE Transactions on Wireless Communications, 2018, 17, 2109-2121.	6.1	1,249
4	Intelligent Reflecting Surface-Aided Wireless Communications: A Tutorial. IEEE Transactions on Communications, 2021, 69, 3313-3351.	4.9	1,166
5	Accessing From the Sky: A Tutorial on UAV Communications for 5G and Beyond. Proceedings of the IEEE, 2019, 107, 2327-2375.	16.4	828
6	Beamforming Optimization for Wireless Network Aided by Intelligent Reflecting Surface With Discrete Phase Shifts. IEEE Transactions on Communications, 2020, 68, 1838-1851.	4.9	692
7	Intelligent Reflecting Surface Enhanced Wireless Network: Joint Active and Passive Beamforming Design. , 2018, , .		455
8	An Overview of Sustainable Green 5G Networks. IEEE Wireless Communications, 2017, 24, 72-80.	6.6	427
9	Securing UAV Communications via Joint Trajectory and Power Control. IEEE Transactions on Wireless Communications, 2019, 18, 1376-1389.	6.1	419
10	Intelligent Reflecting Surface: Practical Phase Shift Model and Beamforming Optimization. IEEE Transactions on Communications, 2020, 68, 5849-5863.	4.9	382
11	Energy Tradeoff in Ground-to-UAV Communication via Trajectory Design. IEEE Transactions on Vehicular Technology, 2018, 67, 6721-6726.	3.9	311
12	Common Throughput Maximization in UAV-Enabled OFDMA Systems With Delay Consideration. IEEE Transactions on Communications, 2018, 66, 6614-6627.	4.9	309
13	Energy-Efficient Resource Allocation for Wireless Powered Communication Networks. IEEE Transactions on Wireless Communications, 2016, 15, 2312-2327.	6.1	299
14	Joint Active and Passive Beamforming Optimization for Intelligent Reflecting Surface Assisted SWIPT Under QoS Constraints. IEEE Journal on Selected Areas in Communications, 2020, 38, 1735-1748.	9.7	293
15	Intelligent Reflecting Surface Assisted Secrecy Communication: Is Artificial Noise Helpful or Not?. IEEE Wireless Communications Letters, 2020, 9, 778-782.	3.2	287
16	Weighted Sum Power Maximization for Intelligent Reflecting Surface Aided SWIPT. IEEE Wireless Communications Letters, 2020, 9, 586-590.	3.2	285
17	Deep Reinforcement Learning-Based Intelligent Reflecting Surface for Secure Wireless Communications. IEEE Transactions on Wireless Communications, 2021, 20, 375-388.	6.1	272
18	Intelligent Reflecting Surface-Assisted Multiple Access With User Pairing: NOMA or OMA?. IEEE Communications Letters, 2020, 24, 753-757.	2.5	251

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19	Fundamental Green Tradeoffs: Progresses, Challenges, and Impacts on 5G Networks. IEEE Communications Surveys and Tutorials, 2017, 19, 33-56.	24.8	245
20	Robust Trajectory and Transmit Power Design for Secure UAV Communications. IEEE Transactions on Vehicular Technology, 2018, 67, 9042-9046.	3.9	225
21	Beamforming Optimization for Intelligent Reflecting Surface with Discrete Phase Shifts. , 2019, , .		205
22	A Comprehensive Overview on 5G-and-Beyond Networks With UAVs: From Communications to Sensing and Intelligence. IEEE Journal on Selected Areas in Communications, 2021, 39, 2912-2945.	9.7	202
23	Spectral and Energy-Efficient Wireless Powered IoT Networks: NOMA or TDMA?. IEEE Transactions on Vehicular Technology, 2018, 67, 6663-6667.	3.9	198
24	UAV-Enabled Secure Communications: Joint Trajectory and Transmit Power Optimization. IEEE Transactions on Vehicular Technology, 2019, 68, 4069-4073.	3.9	183
25	UAV-Enabled Cooperative Jamming for Improving Secrecy of Ground Wiretap Channel. IEEE Wireless Communications Letters, 2019, 8, 181-184.	3.2	178
26	Capacity Characterization of UAV-Enabled Two-User Broadcast Channel. IEEE Journal on Selected Areas in Communications, 2018, 36, 1955-1971.	9.7	166
27	Intelligent Reflecting Surface Enhanced Wireless Networks: Two-Timescale Beamforming Optimization. IEEE Transactions on Wireless Communications, 2021, 20, 2-17.	6.1	166
28	Fundamental Trade-offs in Communication and Trajectory Design for UAV-Enabled Wireless Network. IEEE Wireless Communications, 2019, 26, 36-44.	6.6	160
29	Safeguarding Wireless Network with UAVs: A Physical Layer Security Perspective. IEEE Wireless Communications, 2019, 26, 12-18.	6.6	129
30	Intelligent Reflecting Surface Assisted Anti-Jamming Communications: A Fast Reinforcement Learning Approach. IEEE Transactions on Wireless Communications, 2021, 20, 1963-1974.	6.1	124
31	Cellular-Connected UAV: Uplink Association, Power Control and Interference Coordination. IEEE Transactions on Wireless Communications, 2019, 18, 5380-5393.	6.1	122
32	UAV-Assisted Intelligent Reflecting Surface Symbiotic Radio System. IEEE Transactions on Wireless Communications, 2021, 20, 5769-5785.	6.1	111
33	Joint Power Control and Passive Beamforming in IRS-Assisted Spectrum Sharing. IEEE Communications Letters, 2020, 24, 1553-1557.	2.5	106
34	Energy-Efficient Cooperative Secure Transmission in Multi-UAV-Enabled Wireless Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 7761-7775.	3.9	103
35	Securing UAV Communications via Trajectory Optimization. , 2017, , .		98
36	Resource Allocation for Joint Transmitter and Receiver Energy Efficiency Maximization in Downlink OFDMA Systems. IEEE Transactions on Communications, 2015, 63, 416-430.	4.9	94

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37	Accurate Closed-Form Approximations to Channel Distributions of RIS-Aided Wireless Systems. IEEE Wireless Communications Letters, 2020, 9, 1985-1989.	3.2	93
38	User-Centric Energy Efficiency Maximization for Wireless Powered Communications. IEEE Transactions on Wireless Communications, 2016, 15, 6898-6912.	6.1	88
39	Wireless Powered Cooperative Jamming for Secure OFDM System. IEEE Transactions on Vehicular Technology, 2018, 67, 1331-1346.	3.9	86
40	Intelligent Reflecting Surface-Aided Wireless Energy and Information Transmission: An Overview. Proceedings of the IEEE, 2022, 110, 150-170.	16.4	82
41	A Path to Smart Radio Environments: An Industrial Viewpoint on Reconfigurable Intelligent Surfaces. IEEE Wireless Communications, 2022, 29, 202-208.	6.6	81
42	Covert Communication in Intelligent Reflecting Surface-Assisted NOMA Systems: Design, Analysis, and Optimization. IEEE Transactions on Wireless Communications, 2022, 21, 1735-1750.	6.1	79
43	Joint Trajectory and Communication Design for UAV-Enabled Multiple Access. , 2017, , .		78
44	Intelligent Reflecting Surface-Aided Joint Processing Coordinated Multipoint Transmission. IEEE Transactions on Communications, 2021, 69, 1650-1665.	4.9	77
45	Intelligent Reflecting Surface (IRS)-Aided Covert Wireless Communications With Delay Constraint. IEEE Transactions on Wireless Communications, 2022, 21, 532-547.	6.1	77
46	Joint Optimization of User Association, Subchannel Allocation, and Power Allocation in Multi-Cell Multi-Association OFDMA Heterogeneous Networks. IEEE Transactions on Communications, 2017, 65, 2672-2684.	4.9	75
47	Robust and Secure Communications in Intelligent Reflecting Surface Assisted NOMA Networks. IEEE Communications Letters, 2021, 25, 739-743.	2.5	74
48	Joint Beamforming Design and Power Splitting Optimization in IRS-Assisted SWIPT NOMA Networks. IEEE Transactions on Wireless Communications, 2022, 21, 2019-2033.	6.1	73
49	IRS-Assisted Wireless Powered NOMA: Do We Really Need Different Phase Shifts in DL and UL?. IEEE Wireless Communications Letters, 2021, 10, 1493-1497.	3.2	73
50	Intelligent Reflecting Surface Enhanced Wideband MIMO-OFDM Communications: From Practical Model to Reflection Optimization. IEEE Transactions on Communications, 2021, 69, 4807-4820.	4.9	73
51	Energy-Efficient D2D Overlaying Communications With Spectrum-Power Trading. IEEE Transactions on Wireless Communications, 2017, 16, 4404-4419.	6.1	68
52	Max-Min Fair Energy-Efficient Beamforming Design for Intelligent Reflecting Surface-Aided SWIPT Systems With Non-Linear Energy Harvesting Model. IEEE Transactions on Vehicular Technology, 2021, 70, 5848-5864.	3.9	68
53	Joint Transmit Waveform and Passive Beamforming Design for RIS-Aided DFRC Systems. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 995-1010.	7.3	68
54	3D UAV Trajectory and Communication Design for Simultaneous Uplink and Downlink Transmission. IEEE Transactions on Communications, 2020, 68, 5908-5923.	4.9	66

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55	Robust and Secure Beamforming for Intelligent Reflecting Surface Aided mmWave MISO Systems. IEEE Wireless Communications Letters, 2020, 9, 2068-2072.	3.2	62
56	Exploiting Amplitude Control in Intelligent Reflecting Surface Aided Wireless Communication With Imperfect CSI. IEEE Transactions on Communications, 2021, 69, 4216-4231.	4.9	60
57	Energy Efficiency Maximization for Full-Duplex UAV Secrecy Communication. IEEE Transactions on Vehicular Technology, 2020, 69, 4590-4595.	3.9	57
58	Robust Max-Min Energy Efficiency for RIS-Aided HetNets With Distortion Noises. IEEE Transactions on Communications, 2022, 70, 1457-1471.	4.9	55
59	Anchor-Assisted Channel Estimation for Intelligent Reflecting Surface Aided Multiuser Communication. IEEE Transactions on Wireless Communications, 2022, 21, 3764-3778.	6.1	51
60	Multi-Objective Resource Allocation for IRS-Aided SWIPT. IEEE Wireless Communications Letters, 2021, 10, 1324-1328.	3.2	50
61	Wireless Powered Communications With Initial Energy: QoS Guaranteed Energy-Efficient Resource Allocation. IEEE Communications Letters, 2015, 19, 2278-2281.	2.5	47
62	Throughput Maximization for IRS-Assisted Wireless Powered Hybrid NOMA and TDMA. IEEE Wireless Communications Letters, 2021, 10, 1944-1948.	3.2	47
63	Energy Optimization for Cellular-Connected Multi-UAV Mobile Edge Computing Systems with Multi-Access Schemes. Journal of Communications and Information Networks, 2018, 3, 33-44.	3.5	45
64	Anti-Jamming 3D Trajectory Design for UAV-Enabled Wireless Sensor Networks Under Probabilistic LoS Channel. IEEE Transactions on Vehicular Technology, 2020, 69, 16288-16293.	3.9	43
65	3D Beam Tracking for Cellular-Connected UAV. IEEE Wireless Communications Letters, 2020, 9, 736-740.	3.2	43
66	Intelligent Reflecting Surface Aided MISO Uplink Communication Network: Feasibility and Power Minimization for Perfect and Imperfect CSI. IEEE Transactions on Communications, 2021, 69, 1975-1989.	4.9	43
67	Throughput Maximization for UAV-Aided Backscatter Communication Networks. IEEE Transactions on Communications, 2020, 68, 1254-1270.	4.9	40
68	UAV Trajectory and Beamforming Optimization for Integrated Periodic Sensing and Communication. IEEE Wireless Communications Letters, 2022, 11, 1211-1215.	3.2	39
69	Massive MIMO for Cellular-Connected UAV: Challenges and Promising Solutions. IEEE Communications Magazine, 2021, 59, 84-90.	4.9	38
70	IRS-Aided WPCNs: A New Optimization Framework for Dynamic IRS Beamforming. IEEE Transactions on Wireless Communications, 2022, 21, 4725-4739.	6.1	38
71	Joint Dynamic Passive Beamforming and Resource Allocation for IRS-Aided Full-Duplex WPCN. IEEE Transactions on Wireless Communications, 2022, 21, 4829-4843.	6.1	36
72	RIS-Aided Next-Generation High-Speed Train Communications: Challenges, Solutions, and Future Directions. IEEE Wireless Communications, 2021, 28, 145-151.	6.6	35

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73	Throughput Maximization in Multi-UAV Enabled Communication Systems With Difference Consideration. IEEE Access, 2018, 6, 55291-55301.	2.6	33
74	ADMM Based Channel Estimation for RISs Aided Millimeter Wave Communications. IEEE Communications Letters, 2021, 25, 2894-2898.	2.5	33
75	A Novel Wireless Communication Paradigm for Intelligent Reflecting Surface Based Symbiotic Radio Systems. IEEE Transactions on Signal Processing, 2022, 70, 550-565.	3.2	32
76	Energy Management and Trajectory Optimization for UAV-Enabled Legitimate Monitoring Systems. IEEE Transactions on Wireless Communications, 2021, 20, 142-155.	6.1	31
77	Joint Tx/Rx Energy-Efficient Scheduling in Multi-Radio Wireless Networks: A Divide-and-Conquer Approach. IEEE Transactions on Wireless Communications, 2016, 15, 2727-2740.	6.1	30
78	Secure Two-Way Communications via Intelligent Reflecting Surfaces. IEEE Communications Letters, 2021, 25, 744-748.	2.5	30
79	Energy-Efficient Small Cell With Spectrum-Power Trading. IEEE Journal on Selected Areas in Communications, 2016, 34, 3394-3408.	9.7	29
80	Cooperative UAV Enabled Relaying Systems: Joint Trajectory and Transmit Power Optimization. IEEE Transactions on Green Communications and Networking, 2022, 6, 543-557.	3.5	29
81	3D Trajectory and Transmit Power Optimization for UAV-Enabled Multi-Link Relaying Systems. IEEE Transactions on Green Communications and Networking, 2021, 5, 392-405.	3.5	29
82	Securing NOMA Networks by Exploiting Intelligent Reflecting Surface. IEEE Transactions on Communications, 2022, 70, 1096-1111.	4.9	29
83	Throughput Maximization for Active Intelligent Reflecting Surface-Aided Wireless Powered Communications. IEEE Wireless Communications Letters, 2022, 11, 992-996.	3.2	29
84	Intelligent Reflecting Surface Enhanced D2D Cooperative Computing. IEEE Wireless Communications Letters, 2021, 10, 1419-1423.	3.2	28
85	Robust Beamforming Design and Time Allocation for IRS-Assisted Wireless Powered Communication Networks. IEEE Transactions on Communications, 2022, 70, 2838-2852.	4.9	28
86	Generalized Wireless-Powered Communications: When to Activate Wireless Power Transfer?. IEEE Transactions on Vehicular Technology, 2019, 68, 8243-8248.	3.9	25
87	Energy-Efficient Trajectory Design for UAV-Enabled Communication Under Malicious Jamming. IEEE Wireless Communications Letters, 2021, 10, 206-210.	3.2	25
88	Cellular-Connected UAV: Uplink Association, Power Control and Interference Coordination. , 2018, , .		24
89	Outage-Constrained Energy Efficiency Maximization for RIS-Assisted WPCNs. IEEE Communications Letters, 2021, 25, 3370-3374.	2.5	21
90	UAV-Enabled Relay Communication Under Malicious Jamming: Joint Trajectory and Transmit Power Optimization. IEEE Transactions on Vehicular Technology, 2021, 70, 8275-8279.	3.9	21

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91	Joint Trajectory Design and Resource Allocation for IRS-Assisted UAV Communications With Wireless Energy Harvesting. IEEE Communications Letters, 2022, 26, 404-408.	2.5	20
92	Anchor-Assisted Intelligent Reflecting Surface Channel Estimation for Multiuser Communications. , 2020, , .		18
93	Delay-constrained throughput maximization in UAV-enabled OFDM systems. , 2017, , .		17
94	Secure SWIPT for Directional Modulation-Aided AF Relaying Networks. IEEE Journal on Selected Areas in Communications, 2019, 37, 253-268.	9.7	17
95	Power-Efficient Passive Beamforming and Resource Allocation for IRS-Aided WPCNs. IEEE Transactions on Communications, 2022, 70, 3250-3265.	4.9	17
96	IRS-Assisted Multicell Multiband Systems: Practical Reflection Model and Joint Beamforming Design. IEEE Transactions on Communications, 2022, 70, 3897-3911.	4.9	17
97	Two-timescale Beamforming Optimization for Intelligent Reflecting Surface Enhanced Wireless Network. , 2020, , .		16
98	Energy Minimization for IRS-Aided WPCNs With Non-Linear Energy Harvesting Model. IEEE Wireless Communications Letters, 2021, 10, 2592-2596.	3.2	16
99	Deep Reinforcement Learning-Based Optimization for IRS-Assisted Cognitive Radio Systems. IEEE Transactions on Communications, 2022, 70, 3849-3864.	4.9	16
100	Intelligent Reflecting Surface Based Passive Information Transmission: A Symbol-Level Precoding Approach. IEEE Transactions on Vehicular Technology, 2021, 70, 6735-6749.	3.9	15
101	Secure and Energy-Efficient UAV Relay Communications Exploiting Collaborative Beamforming. IEEE Transactions on Communications, 2022, 70, 5401-5416.	4.9	15
102	Vertical Beamforming in Intelligent Reflecting Surface-Aided Cognitive Radio Networks. IEEE Wireless Communications Letters, 2021, 10, 1919-1923.	3.2	13
103	Offset Learning Based Channel Estimation for Intelligent Reflecting Surface-Assisted Indoor Communication. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 41-55.	7.3	13
104	Scalable Channel Estimation and Reflection Optimization for Reconfigurable Intelligent Surface-Enhanced OFDM Systems. IEEE Wireless Communications Letters, 2022, 11, 796-800.	3.2	13
105	Energy-Efficient Resource Allocation and Antenna Selection for IRS-Assisted Multicell Downlink Networks. IEEE Wireless Communications Letters, 2022, 11, 1229-1233.	3.2	13
106	Joint Beamforming Design for IRS Aided Multiuser MIMO With Imperfect CSI. IEEE Transactions on Vehicular Technology, 2022, 71, 10729-10743.	3.9	13
107	An Efficient Solution for Joint Power and Trajectory Optimization in UAV-Enabled Wireless Network. IEEE Access, 2019, 7, 59640-59652.	2.6	12
108	Energy Efficiency Maximization for IRS-Assisted Uplink Systems: Joint Resource Allocation and Beamforming Design. IEEE Communications Letters, 2021, 25, 3932-3936.	2.5	12

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109	UAV Swarm Communication Under Malicious Jamming: Joint Trajectory and Clustering Design. IEEE Wireless Communications Letters, 2021, 10, 2264-2268.	3.2	12
110	Task Offloading in Hybrid Intelligent Reflecting Surface and Massive MIMO Relay Networks. IEEE Transactions on Wireless Communications, 2022, 21, 3648-3663.	6.1	11
111	Collaborative Intelligent Reflecting Surface Networks With Multi-Agent Reinforcement Learning. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 532-545.	7.3	10
112	Trajectory and Transmit Power Optimization for IRS-Assisted UAV Communication Under Malicious Jamming. IEEE Transactions on Vehicular Technology, 2022, 71, 11262-11266.	3.9	10
113	Robust MISO Beamforming Under the Deterministic Model in Two-Tier Heterogeneous Networks. IEEE Access, 2017, 5, 14616-14625.	2.6	8
114	UAV-Enabled Broadcast Channel: Trajectory Design and Capacity Characterization. , 2018, , .		8
115	Spectral Graph Theory Based Resource Allocation for IRS-Assisted Multi-Hop Edge Computing. , 2021, , .		8
116	Optimal energy-efficient transmission for fading channels with an energy harvesting transmitter. , 2014, , .		7
117	Pilot Decontamination for Massive MIMO Network With UAVs. IEEE Wireless Communications Letters, 2020, 9, 1830-1834.	3.2	7
118	A Novel Alternative Optimization Method for Joint Power and Trajectory Design in UAV-Enabled Wireless Network. IEEE Transactions on Vehicular Technology, 2019, 68, 11358-11362.	3.9	6
119	Joint Scheduling Design in Wireless Powered MEC IoT Networks Aided by Reconfigurable Intelligent Surface. , 2021, , .		6
120	Achieving Covert Communication by IRS-NOMA. , 2021, , .		6
121	Joint Rate and Fairness Improvement Based on Adaptive Weighted Graph Matrix for Uplink SCMA With Randomly Distributed Users. IEEE Transactions on Communications, 2021, 69, 3106-3118.	4.9	5
122	Deep Reinforcement Learning Based Resource Allocation for Heterogeneous Networks. , 2021, , .		5
123	Low complexity energy-efficient design for OFDMA systems with an elaborate power model. , 2014, , .		4
124	Robust Beamforming Design for Secure DM-Based Relay Networks With Self-Sustained Jammers. IEEE Access, 2019, 7, 969-983.	2.6	4
125	Energy-Efficient Buffer-Aided Relaying Systems With Opportunistic Spectrum Access. IEEE Transactions on Green Communications and Networking, 2020, 4, 731-744.	3.5	4
126	Fairness-Aware Optimization for UAV-IRS Symbiotic Radio Systems. , 2021, , .		4

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127	Mitigating the Doubly Nearâ€“Far Effect in UAV-Enabled WPCN. IEEE Transactions on Vehicular Technology, 2021, 70, 8349-8354.	3.9	4
128	IRS-assisted covert communication with eavesdropperâ€™s channel and noise information uncertainties. Physical Communication, 2022, 53, 101662.	1.2	4
129	Design of a Novel 2-bit Wideband Beam-Scanning Reconfigurable Intelligent Surface. , 2021, , .		4
130	Full-Dimensional Rate Enhancement for UAV-Enabled Communications via Intelligent Omni-Surface. IEEE Wireless Communications Letters, 2022, 11, 1955-1959.	3.2	4
131	Throughput Maximization for UAV-enabled Integrated Periodic Sensing and Communication. , 2022, , .		4
132	User-centric energy-efficient resource allocation for wireless powered communications. , 2015, , .		3
133	Joint Tx/Rx Energy-efficient scheduling in multi-radio networks: A divide-and-conquer approach. , 2015, , .		2
134	Wireless Powered Communications: Industry Demands and a User-Centric Energy-Efficient Approach. , 2015, , .		2
135	Guest Editorial Special Issue on UAV Communications in 5G and Beyond Networksâ€”Part I. IEEE Journal on Selected Areas in Communications, 2021, 39, 2907-2911.	9.7	2
136	Joint Node Activation, Beamforming and Phase-Shifting Control in IoT Sensor Network Assisted by Reconfigurable Intelligent Surface. IEEE Transactions on Wireless Communications, 2022, 21, 9325-9340.	6.1	2
137	High-Accuracy Reconfigurable Intelligent Surface Using Independently Controllable Methods. , 2021, , .		2
138	Robust Trajectory and Communication Design in IRS-Assisted UAV Communication under Malicious Jamming. , 2022, , .		2
139	Offset Learning based Channel Estimation for IRS-Assisted Indoor Communication. , 2021, , .		1
140	Joint Dynamic Beamforming Design and Resource Allocation for IRS-Aided FD-WPCN. , 2021, , .		1
141	Multi-Tier Task Offloading with Intelligent Reflecting Surface and Massive MIMO Relay. , 2021, , .		1
142	Spectrum-Power Trading for Energy-Efficient Device-Centric Overlaying Communications. , 2017, , .		0
143	Intelligent Reflecting Surface Aided MISO Uplink Wireless Network: Feasibility and Power Control. , 2021, , .		0
144	Guest Editorial Special Issue on UAV Communications in 5G and Beyond Networksâ€”Part II. IEEE Journal on Selected Areas in Communications, 2021, 39, 3247-3251.	9.7	0

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145	Joint Sensor Selection, Beamforming and Phase Control in Reconfigurable Intelligent Surface Aided IoT Fusion Networks. IEEE Wireless Communications Letters, 2022, 11, 401-405.	3.2	0
146	Enhancing Security of NOMA Networks via Distributed Intelligent Reflecting Surfaces. , 2021, , .		0