

Cunhua Pan

List of Publications by Citations

Source: <https://exaly.com/author-pdf/137186/cunhua-pan-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

160
papers

4,625
citations

36
h-index

63
g-index

176
ext. papers

6,191
ext. citations

6.4
avg, IF

6.68
L-index

#	Paper	IF	Citations
160	Multicell MIMO Communications Relying on Intelligent Reflecting Surfaces. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 5218-5233	9.6	328
159	Intelligent Reflecting Surface Aided MIMO Broadcasting for Simultaneous Wireless Information and Power Transfer. <i>IEEE Journal on Selected Areas in Communications</i> , 2020 , 38, 1719-1734	14.2	308
158	Energy Efficient Resource Allocation in UAV-Enabled Mobile Edge Computing Networks. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 4576-4589	9.6	161
157	Latency Minimization for Intelligent Reflecting Surface Aided Mobile Edge Computing. <i>IEEE Journal on Selected Areas in Communications</i> , 2020 , 38, 2666-2682	14.2	141
156	A Framework of Robust Transmission Design for IRS-Aided MISO Communications With Imperfect Cascaded Channels. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 5092-5106	4.8	141
155	Joint UAV Hovering Altitude and Power Control for Space-Air-Ground IoT Networks. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 1741-1753	10.7	137
154	Energy Efficient Resource Allocation in Machine-to-Machine Communications With Multiple Access and Energy Harvesting for IoT. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 229-245	10.7	124
153	Intelligent Reflecting Surface Aided Multigroup Multicast MISO Communication Systems. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 3236-3251	4.8	118
152	Joint Precoding and RRH Selection for User-Centric Green MIMO C-RAN. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 2891-2906	9.6	111
151	On the Optimality of Power Allocation for NOMA Downlinks With Individual QoS Constraints. <i>IEEE Communications Letters</i> , 2017 , 21, 1649-1652	3.8	103
150	Reconfigurable Intelligent Surfaces for 6G Systems: Principles, Applications, and Research Directions. <i>IEEE Communications Magazine</i> , 2021 , 59, 14-20	9.1	100
149	Robust Beamforming Design for Intelligent Reflecting Surface Aided MISO Communication Systems. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 1658-1662	5.9	98
148	2018 , 56, 14-20		93
147	Artificial-Noise-Aided Secure MIMO Wireless Communications via Intelligent Reflecting Surface. <i>IEEE Transactions on Communications</i> , 2020 , 68, 7851-7866	6.9	93
146	Joint Blocklength and Location Optimization for URLLC-Enabled UAV Relay Systems. <i>IEEE Communications Letters</i> , 2019 , 23, 498-501	3.8	91
145	Secure Communications for UAV-Enabled Mobile Edge Computing Systems. <i>IEEE Transactions on Communications</i> , 2020 , 68, 376-388	6.9	80
144	Resource Allocation for D2D Communications Underlying a NOMA-Based Cellular Network. <i>IEEE Wireless Communications Letters</i> , 2018 , 7, 130-133	5.9	78

143	Joint Altitude, Beamwidth, Location, and Bandwidth Optimization for UAV-Enabled Communications. <i>IEEE Communications Letters</i> , 2018 , 22, 1716-1719	3.8	76
142	Multiple-Antenna-Assisted Non-Orthogonal Multiple Access. <i>IEEE Wireless Communications</i> , 2018 , 25, 17-23	13.4	65
141	Large-Scale Antenna Systems With UL/DL Hardware Mismatch: Achievable Rates Analysis and Calibration. <i>IEEE Transactions on Communications</i> , 2015 , 63, 1216-1229	6.9	65
140	Multi-Agent Deep Reinforcement Learning-Based Trajectory Planning for Multi-UAV Assisted Mobile Edge Computing. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2021 , 7, 73-84	6.6	64
139	Deep-Learning-Based Joint Resource Scheduling Algorithms for Hybrid MEC Networks. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 6252-6265	10.7	62
138	Robust Transmission Design for Intelligent Reflecting Surface-Aided Secure Communication Systems With Imperfect Cascaded CSI. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 2487-2501	9.6	59
137	Energy-Efficient D2D Communications Underlying NOMA-Based Networks With Energy Harvesting. <i>IEEE Communications Letters</i> , 2018 , 22, 914-917	3.8	58
136	Joint Power and Blocklength Optimization for URLLC in a Factory Automation Scenario. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 1786-1801	9.6	55
135	Achievable Data Rate for URLLC-Enabled UAV Systems With 3-D Channel Model. <i>IEEE Wireless Communications Letters</i> , 2019 , 8, 1587-1590	5.9	53
134	Power Control for Multi-Cell Networks With Non-Orthogonal Multiple Access. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 927-942	9.6	53
133	Joint User Selection and Energy Minimization for Ultra-Dense Multi-channel C-RAN With Incomplete CSI. <i>IEEE Journal on Selected Areas in Communications</i> , 2017 , 35, 1809-1824	14.2	50
132	UAV-Assisted Intelligent Reflecting Surface Symbiotic Radio System. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 5769-5785	9.6	48
131	Efficient Resource Allocation for Mobile-Edge Computing Networks With NOMA: Completion Time and Energy Minimization. <i>IEEE Transactions on Communications</i> , 2019 , 67, 7771-7784	6.9	46
130	Joint Pilot and Payload Power Allocation for Massive-MIMO-Enabled URLLC IIoT Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2020 , 38, 816-830	14.2	42
129	Distributed Energy-Efficient Power Optimization for CoMP Systems With Max-Min Fairness. <i>IEEE Communications Letters</i> , 2014 , 18, 999-1002	3.8	42
128	Multiuser Full-Duplex Two-Way Communications via Intelligent Reflecting Surface. <i>IEEE Transactions on Signal Processing</i> , 2021 , 69, 837-851	4.8	42
127	Intelligent Reflecting Surface Aided MIMO Cognitive Radio Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 11445-11457	6.8	39
126	UAV-Assisted and Intelligent Reflecting Surfaces-Supported Terahertz Communications. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 1256-1260	5.9	39

125	Joint Trajectory and Communication Design for Secure UAV Networks. <i>IEEE Communications Letters</i> , 2019 , 23, 636-639	3.8	36
124	Resource Allocation for Secure URLLC in Mission-Critical IoT Scenarios. <i>IEEE Transactions on Communications</i> , 2020 , 68, 5793-5807	6.9	36
123	Energy Efficiency Optimization for MIMO Distributed Antenna Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 2276-2288	6.8	35
122	On Consideration of Content Preference and Sharing Willingness in D2D Assisted Offloading. <i>IEEE Journal on Selected Areas in Communications</i> , 2017 , 1-1	14.2	35
121	Resource Allocation for Intelligent Reflecting Surface Aided Wireless Powered Mobile Edge Computing in OFDM Systems. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 5389-5407	9.6	35
120	Pricing-Based Distributed Energy-Efficient Beamforming for MISO Interference Channels. <i>IEEE Journal on Selected Areas in Communications</i> , 2016 , 34, 710-722	14.2	34
119	Joint Pilot Allocation and Robust Transmission Design for Ultra-Dense User-Centric TDD C-RAN With Imperfect CSI. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 2038-2053	9.6	33
118	Statistical CSI-Based Design for Reconfigurable Intelligent Surface-Aided Massive MIMO Systems With Direct Links. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 1128-1132	5.9	33
117	Widely Linear Precoding for Large-Scale MIMO with IQI: Algorithms and Performance Analysis. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 3298-3312	9.6	31
116	Joint Transmit Power and Placement Optimization for URLLC-Enabled UAV Relay Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 8003-8007	6.8	31
115	Intelligent Reflecting Surface-assisted MU-MISO Systems with Imperfect Hardware: Channel Estimation and Beamforming Design. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	30
114	Weighted Sum Energy Efficiency Maximization in Ad Hoc Networks. <i>IEEE Wireless Communications Letters</i> , 2015 , 4, 233-236	5.9	27
113	. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 6325-6338	9.6	26
112	Analysis and Optimization for RIS-Aided Multi-Pair Communications Relying on Statistical CSI. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 3897-3901	6.8	25
111	Joint Power, Altitude, Location and Bandwidth Optimization for UAV With Underlaid D2D Communications. <i>IEEE Wireless Communications Letters</i> , 2019 , 8, 524-527	5.9	25
110	Cache Placement in Two-Tier HetNets With Limited Storage Capacity: Cache or Buffer?. <i>IEEE Transactions on Communications</i> , 2018 , 66, 5415-5429	6.9	22
109	AI Driven Heterogeneous MEC System with UAV Assistance for Dynamic Environment: Challenges and Solutions. <i>IEEE Network</i> , 2021 , 35, 400-408	11.4	22
108	Reconfigurable Intelligent Surfaces-Assisted Multiuser MIMO Uplink Transmission With Partial CSI. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 5613-5627	9.6	22

107	Low-Latency C-RAN: An Next-Generation Wireless Approach. <i>IEEE Vehicular Technology Magazine</i> , 2018 , 13, 48-56	9.9	21
106	Weighted Sum-Rate Maximization for the Ultra-Dense User-Centric TDD C-RAN Downlink Relying on Imperfect CSI. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 1182-1198	9.6	20
105	Robust Beamforming Design for Ultra-Dense User-Centric C-RAN in the Face of Realistic Pilot Contamination and Limited Feedback. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 780-795	9.6	20
104	Packet Error Probability and Effective Throughput for Ultra-Reliable and Low-Latency UAV Communications. <i>IEEE Transactions on Communications</i> , 2021 , 69, 73-84	6.9	20
103	. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 8159-8172	6.8	19
102	Stochastic Learning-Based Robust Beamforming Design for RIS-Aided Millimeter-Wave Systems in the Presence of Random Blockages. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 1057-1061	6.8	19
101	Tradeoff Caching Strategy of the Outage Probability and Fronthaul Usage in a Cloud-RAN. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 6383-6397	6.8	18
100	. <i>IEEE Transactions on Wireless Communications</i> , 2014 , 13, 5056-5069	9.6	18
99	Uplink Achievable Rate of Intelligent Reflecting Surface-Aided Millimeter-Wave Communications With Low-Resolution ADC and Phase Noise. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 654-658	5.9	18
98	Coverage Probability of Distributed IRS Systems Under Spatially Correlated Channels. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 1722-1726	5.9	18
97	Deep Reinforcement Learning Based Dynamic Trajectory Control for UAV-assisted Mobile Edge Computing. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	18
96	Offloading Optimization for Low-Latency Secure Mobile Edge Computing Systems. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 480-484	5.9	17
95	Optimal Fairness-Aware Time and Power Allocation in Wireless Powered Communication Networks. <i>IEEE Transactions on Communications</i> , 2018 , 66, 3122-3135	6.9	17
94	Energy Efficient Transmission for Multicast Services in MISO Distributed Antenna Systems. <i>IEEE Communications Letters</i> , 2016 , 20, 756-759	3.8	17
93	Ergodic Rate Analysis of Cooperative Ambient Backscatter Communication. <i>IEEE Wireless Communications Letters</i> , 2019 , 8, 1679-1682	5.9	16
92	Intelligent Reflecting Surface-Aided URLLC in a Factory Automation Scenario. <i>IEEE Transactions on Communications</i> , 2022 , 70, 707-723	6.9	16
91	Capacity Maximisation for Hybrid Digital-to-Analog Beamforming mm-Wave Systems 2016 ,		16
90	The Non-Coherent Ultra-Dense C-RAN Is Capable of Outperforming Its Coherent Counterpart at a Limited Fronthaul Capacity. <i>IEEE Journal on Selected Areas in Communications</i> , 2018 , 36, 2549-2560	14.2	16

89	Receiver Design for PAM-DMT in Indoor Optical Wireless Links. <i>IEEE Photonics Technology Letters</i> , 2015 , 27, 161-164	2.2	15
88	Throughput Maximization for Full-Duplex UAV Aided Small Cell Wireless Systems. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 475-479	5.9	15
87	Secure Wireless Communication in RIS-Aided MISO System With Hardware Impairments. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 1309-1313	5.9	15
86	Active RIS Versus Passive RIS: Which Is Superior with the Same Power Budget?. <i>IEEE Communications Letters</i> , 2022 , 1-1	3.8	15
85	Power Scaling Law Analysis and Phase Shift Optimization of RIS-aided Massive MIMO Systems with Statistical CSI. <i>IEEE Transactions on Communications</i> , 2022 , 1-1	6.9	14
84	Resource Allocation for URLLC in 5G Mission-Critical IoT Networks 2019 ,		13
83	Channel Estimation With Reconfigurable Intelligent Surfaces--A General Framework. <i>Proceedings of the IEEE</i> , 2022 , 1-27	14.3	13
82	Iterative Receiver for Flip-OFDM in Optical Wireless Communication. <i>IEEE Photonics Technology Letters</i> , 2015 , 27, 1729-1732	2.2	12
81	Stacked Autoencoder-Based Deep Reinforcement Learning for Online Resource Scheduling in Large-Scale MEC Networks. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 9278-9290	10.7	12
80	Communication-and-Computing Latency Minimization for UAV-Enabled Virtual Reality Delivery Systems. <i>IEEE Transactions on Communications</i> , 2021 , 69, 1723-1735	6.9	12
79	Pilot Allocation and Sum-Rate Analysis in Cell-Free Massive MIMO Systems 2018 ,		11
78	Joint Time Allocation and Power Control in Multicell Networks With Load Coupling: Energy Saving and Rate Improvement. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 10470-10485	6.8	11
77	Outage Analysis for Intelligent Reflecting Surface Assisted Vehicular Communication Networks 2020 ,		11
76	Low-Complexity Robust Beamforming Design for IRS-Aided MISO Systems With Imperfect Channels. <i>IEEE Communications Letters</i> , 2021 , 25, 1697-1701	3.8	11
75	Detection of Jamming Attack in Non-Coherent Massive SIMO Systems. <i>IEEE Transactions on Information Forensics and Security</i> , 2019 , 14, 2387-2399	8	10
74	Random Shifting Intelligent Reflecting Surface for OTP Encrypted Data Transmission. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 1192-1196	5.9	10
73	Asymptotic Analysis of Max-Min Weighted SINR for IRS-Assisted MISO Systems with Hardware Impairments. <i>IEEE Wireless Communications Letters</i> , 2021 , 1-1	5.9	10
72	Power- and Rate-Adaptation Improves the Effective Capacity of C-RAN for Nakagami- m Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 10841-10855	6.8	10

71	Performance Analysis for User-Centric Dense Networks With mmWave. <i>IEEE Access</i> , 2019 , 7, 14537-14548	3.5	9
70	Double Intelligent Reflecting Surface-assisted Multi-User MIMO mmWave Systems with Hybrid Precoding. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8	9
69	Ergodic Rate Analysis of Reconfigurable Intelligent Surface-Aided Massive MIMO Systems with ZF Detectors. <i>IEEE Communications Letters</i> , 2021 , 1-1	3.8	9
68	Robust Beamforming Design for Intelligent Reflecting Surface Aided Cognitive Radio Systems with Imperfect Cascaded CSI. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2021 , 1-1	6.6	9
67	Joint Optimization of UAV Trajectory and Sensor Uploading Powers for UAV-assisted Data Collection in Wireless Sensor Networks. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	8
66	Distributed Resource Scheduling for Large-Scale MEC Systems: A Multi-Agent Ensemble Deep Reinforcement Learning with Imitation Acceleration. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	8
65	Channel Estimation for RIS-Aided Multiuser Millimeter-Wave Systems. <i>IEEE Transactions on Signal Processing</i> , 2022 , 70, 1478-1492	4.8	8
64	Reconfigurable Intelligent Surface Aided Mobile Edge Computing. <i>IEEE Wireless Communications</i> , 2021 , 28, 80-86	13.4	8
63	Resource Allocation Schemes Based on Coalition Games for Vehicular Communications. <i>IEEE Communications Letters</i> , 2019 , 23, 2340-2343	3.8	7
62	Joint Fronthaul Link Selection and Transmit Precoding for Energy Efficiency Maximization of Multiuser MIMO-Aided Distributed Antenna Systems. <i>IEEE Transactions on Communications</i> , 2017 , 65, 5180-5196	6.9	7
61	Sum-Rate Maximization for Intelligent Reflecting Surface Assisted Terahertz Communications. <i>IEEE Transactions on Vehicular Technology</i> , 2022 , 1-1	6.8	7
60	Dynamic Aerial Base Station Placement for Minimum-Delay Communications. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 1623-1635	10.7	7
59	Improving Wireless Physical Layer Security via D2D Communication 2018 ,		7
58	Compressive Sensing-Based User Clustering for Downlink NOMA Systems With Decoding Power. <i>IEEE Signal Processing Letters</i> , 2018 , 25, 660-664	3.2	6
57	Hybrid Digital-to-Analog Beamforming Approaches to Maximise the Capacity of mm-Wave Systems 2017 ,		6
56	A Caching Strategy Towards Maximal D2D Assisted Offloading Gain. <i>IEEE Transactions on Mobile Computing</i> , 2020 , 19, 2489-2504	4.6	6
55	Widely linear block-diagonalization type precoding in massive mimo systems with IQ imbalance 2015 ,		5
54	Energy Efficiency Optimization for Distributed Antenna Systems With D2D Communications Under Channel Uncertainty. <i>IEEE Transactions on Green Communications and Networking</i> , 2020 , 4, 1037-1047	4	5

53	Robust Beamforming With Pilot Reuse Scheduling in a Heterogeneous Cloud Radio Access Network. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 7242-7256	6.8	5
52	Energy Efficiency Optimization for MIMO Distributed Antenna Systems 2015 ,		5
51	Pricing-based distributed power control for weighted sum energy-efficiency maximization in ad hoc networks 2014 ,		5
50	Optimal beamforming for single group multicast systems based on weighted sum rate 2013 ,		5
49	Robust Beamforming Optimization for Intelligent Reflecting Surface Aided Cognitive Radio Networks 2020 ,		5
48	Data Rate Maximization in UAV-Assisted C-RAN. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 2163-2167	6.9	5
47	Analysis and Optimization of Massive Access to the IoT Relying on Multi-Pair Two-Way Massive MIMO Relay Systems. <i>IEEE Transactions on Communications</i> , 2021 , 69, 4585-4598	6.9	5
46	Reconfigurable Intelligent Surface Aided Massive MIMO Systems With Low-Resolution DACs. <i>IEEE Communications Letters</i> , 2021 , 25, 3124-3128	3.8	5
45	Robust Transmission Design for Multicell D2D Underlaid Cellular Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 5922-5936	6.8	4
44	Self-Sustainable Reconfigurable Intelligent Surface Aided Simultaneous Terahertz Information and Power Transfer (STIPT). <i>IEEE Transactions on Wireless Communications</i> , 2022 , 1-1	9.6	4
43	Statistical CSI-Based Transmission Design for Reconfigurable Intelligent Surface-aided Massive MIMO Systems with Hardware Impairments. <i>IEEE Wireless Communications Letters</i> , 2021 , 1-1	5.9	4
42	Detection Performance to Spatially Random UAV Using the Ground Vehicle. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 16320-16324	6.8	4
41	Parallel Deep Reinforcement Learning Based Online User Association Optimization in Heterogeneous Networks 2020 ,		4
40	Robust Energy-Efficient Multigroup Multicast Beamforming for Multi-Beam Satellite Communications 2020 ,		4
39	Simplified matrix polynomial-aided block diagonalization precoding for massive MIMO systems 2016 ,		4
38	Resource Allocation for UAV-Assisted IoT Networks with Energy Harvesting and Computation Offloading 2019 ,		4
37	Analysis and Optimization of RIS-aided Massive MIMO Systems with Statistical CSI 2021 ,		4
36	Content Offloading via D2D Communications with the Impact of User Preferences and Selfishness 2017 ,		3

35	MAC Based Energy Efficiency in Cooperative Cognitive Radio Network in the Presence of Malicious Users. <i>IEEE Access</i> , 2018 , 6, 5666-5677	3.5	3
34	Power Control and Resource Allocation for Multi-Cell OFDM Networks With Load Coupling. <i>IEEE Access</i> , 2018 , 6, 15969-15979	3.5	3
33	Joint bandwidth, caching and association optimization for D2D assisted wireless networks 2018 ,		3
32	Multi-Pair Two-Way Massive MIMO DF Relaying Over Rician Fading Channels Under Imperfect CSI. <i>IEEE Wireless Communications Letters</i> , 2022 , 11, 225-229	5.9	3
31	Robust Beamforming Design for IRS-aided Secure SWIPT Terahertz Systems with Non-linear EH Model. <i>IEEE Wireless Communications Letters</i> , 2022 , 1-1	5.9	3
30	Blocking Probability in Obstructed Tunnels with Reconfigurable Intelligent Surface. <i>IEEE Communications Letters</i> , 2021 , 1-1	3.8	3
29	RIS-Aided D2D Communications Relying on Statistical CSI with Imperfect Hardware. <i>IEEE Communications Letters</i> , 2021 , 1-1	3.8	3
28	Joint Optimization for RIS-Assisted Wireless Communications: From Physical and Electromagnetic Perspectives. <i>IEEE Transactions on Communications</i> , 2021 , 1-1	6.9	3
27	D2D-Enabled User Cooperation in Massive MIMO. <i>IEEE Systems Journal</i> , 2020 , 14, 4406-4417	4.3	3
26	Cost Minimization for Cooperative Computation Framework in MEC Networks. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 3670-3684	9.6	3
25	Joint Power Allocation and Passive Beamforming Design for IRS-Assisted Physical-Layer Service Integration. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	3
24	Content offloading via D2D communications based on user interests and sharing willingness 2017 ,		2
23	Correlation-driven optimized Taylor expansion precoding for massive MIMO systems with correlated channels 2017 ,		2
22	Outage probability and fronthaul usage tradeoff caching strategy in cloud-RAN 2017 ,		2
21	Achievable rate analysis of large scale antenna systems with hardware mismatch in UL/DL 2014 ,		2
20	Long-Term CSI-based Design for RIS-Aided Multiuser MISO Systems Exploiting Deep Reinforcement Learning. <i>IEEE Communications Letters</i> , 2022 , 1-1	3.8	2
19	MIMO Radar Beampattern Design Based on Manifold Optimization Method. <i>IEEE Communications Letters</i> , 2022 , 1-1	3.8	2
18	Robust Transmission Design for Intelligent Reflecting Surface Aided Secure Communications 2020 ,		2

17	An Achievable Region for the Multiple Access Wiretap Channels with Confidential and Open Messages 2020 ,		2
16	RIS-Aided mmWave Transmission: A Stochastic Majorization-Minimization Approach 2021 ,		2
15	Power Efficient User Cooperative Computation to Maximize Completed Tasks in MEC Networks 2019 ,		2
14	Resource Allocation and Power Control for Power Minimization in OFDM Networks 2017 ,		1
13	Downlink SINR Study in Multiuser Large Scale Antenna Systems. <i>Wireless Personal Communications</i> , 2014 , 79, 1539-1556	1.9	1
12	Robust Transmission Design for RIS-Aided Communications with Both Transceiver Hardware Impairments and Imperfect CSI. <i>IEEE Wireless Communications Letters</i> , 2021 , 1-1	5.9	1
11	Transmit Power Minimization for Secure Short-packet Transmission in a Mission-Critical IoT Scenario 2020 ,		1
10	Joint Optimization for Full-Duplex Cellular Communications Via Intelligent Reflecting Surface 2021 ,		1
9	Is Multipath Channel Beneficial for Wideband Massive MIMO With Low-Resolution ADCs?. <i>IEEE Transactions on Communications</i> , 2021 , 69, 4083-4097	6.9	1
8	User Cooperation for RIS-aided Secure SWIPT MIMO Systems under the passive eavesdropping 2021 ,		1
7	Fairness-Oriented Multiple RIS-Aided mmWave Transmission: Stochastic Optimization Methods. <i>IEEE Transactions on Signal Processing</i> , 2022 , 70, 1402-1417	4.8	1
6	A Trellis-based Passive Beamforming Design for an Intelligent Reflecting Surface-Aided MISO System. <i>IEEE Communications Letters</i> , 2022 , 1-1	3.8	1
5	Channel Estimation for RIS-Aided Millimeter-Wave Massive MIMO Systems : (Invited Paper) 2021 ,		1
4	Performance Analysis for Channel-Weighted Federated Learning in OMA Wireless Networks. <i>IEEE Signal Processing Letters</i> , 2022 , 29, 772-776	3.2	0
3	User cooperation for IRS-aided secure MIMO systems. <i>Intelligent and Converged Networks</i> , 2022 , 3, 86-102		0
2	Capacity Results for Range-Limited SISO and MISO Dimmable VLC Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2022 , 1-1	6.8	
1	Deep Reinforcement Learning-Based Resource Management for Flexible Mobile Edge Computing: Architectures, Applications, and Research Issues. <i>IEEE Vehicular Technology Magazine</i> , 2022 , 2-10	9.9	