

Meixia Tao

List of Publications by Citations

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

190 papers	5,417 citations	39 h-index	68 g-index
223 ext. papers	6,828 ext. citations	6.9 avg, IF	6.54 L-index

#	Paper	IF	Citations
190	Content-Centric Sparse Multicast Beamforming for Cache-Enabled Cloud RAN. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 6118-6131	9.6	324
189	Robust Beamforming for Wireless Information and Power Transmission. <i>IEEE Wireless Communications Letters</i> , 2012 , 1, 372-375	5.9	281
188	. <i>IEEE Transactions on Communications</i> , 2014 , 62, 2366-2377	6.9	272
187	Energy-Efficient Resource Allocation for Wireless Powered Communication Networks. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 2312-2327	9.6	234
186	Subcarrier-pair based resource allocation for cooperative multi-relay OFDM systems. <i>IEEE Transactions on Wireless Communications</i> , 2010 , 9, 1640-1649	9.6	215
185	. <i>IEEE Transactions on Wireless Communications</i> , 2008 , 7, 2190-2201	9.6	176
184	Secure Beamforming for MIMO Two-Way Communications With an Untrusted Relay. <i>IEEE Transactions on Signal Processing</i> , 2014 , 62, 2185-2199	4.8	127
183	MSE-Based Transceiver Designs for the MIMO Interference Channel. <i>IEEE Transactions on Wireless Communications</i> , 2010 , 9, 3480-3489	9.6	127
182	Joint Source and Relay Precoding Designs for MIMO Two-Way Relaying Based on MSE Criterion. <i>IEEE Transactions on Signal Processing</i> , 2012 , 60, 1352-1365	4.8	116
181	The Role of Caching in Future Communication Systems and Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2018 , 36, 1111-1125	14.2	114
180	Relay Placement for Physical Layer Security: A Secure Connection Perspective. <i>IEEE Communications Letters</i> , 2012 , 16, 878-881	3.8	108
179	Coordinated Multicast Beamforming in Multicell Networks. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 12-21	9.6	104
178	Massive MIMO Multicasting in Noncooperative Cellular Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2014 , 32, 1180-1193	14.2	100
177	On content-centric wireless delivery networks. <i>IEEE Wireless Communications</i> , 2014 , 21, 118-125	13.4	92
176	Stochastic Content-Centric Multicast Scheduling for Cache-Enabled Heterogeneous Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 6284-6297	9.6	87
175	Resource Allocation for Joint Transmitter and Receiver Energy Efficiency Maximization in Downlink OFDMA Systems. <i>IEEE Transactions on Communications</i> , 2015 , 63, 416-430	6.9	79
174	Fundamental Tradeoff Between Storage and Latency in Cache-Aided Wireless Interference Networks. <i>IEEE Transactions on Information Theory</i> , 2017 , 63, 7464-7491	2.8	73

173	Communications, Caching, and Computing for Mobile Virtual Reality: Modeling and Tradeoff. <i>IEEE Transactions on Communications</i> , 2019 , 67, 7573-7586	6.9	73
172	Optimal Task Offloading and Resource Allocation in Mobile-Edge Computing With Inter-User Task Dependency. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 235-250	9.6	73
171	Power and Subcarrier Allocation for Physical-Layer Security in OFDMA-Based Broadband Wireless Networks. <i>IEEE Transactions on Information Forensics and Security</i> , 2011 , 6, 693-702	8	72
170	Caching incentive design in wireless D2D networks: A Stackelberg game approach 2016 ,		71
169	Channel Estimation for OFDM Systems over Doubly Selective Channels: A Distributed Compressive Sensing Based Approach. <i>IEEE Transactions on Communications</i> , 2013 , 61, 4173-4185	6.9	71
168	. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 1283-1297	9.6	68
167	Optimal Dynamic Multicast Scheduling for Cache-Enabled Content-Centric Wireless Networks. <i>IEEE Transactions on Communications</i> , 2017 , 65, 2956-2970	6.9	65
166	Linear Precoding for Multi-Pair Two-Way MIMO Relay Systems With Max-Min Fairness. <i>IEEE Transactions on Signal Processing</i> , 2012 , 60, 5361-5370	4.8	64
165	Position-Based Compressed Channel Estimation and Pilot Design for High-Mobility OFDM Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2015 , 64, 1918-1929	6.8	61
164	Resource Allocation in Open Access OFDMA Femtocell Networks. <i>IEEE Wireless Communications Letters</i> , 2012 , 1, 625-628	5.9	61
163	Modeling, Analysis, and Optimization of Coded Caching in Small-Cell Networks. <i>IEEE Transactions on Communications</i> , 2017 , 1-1	6.9	60
162	Resource Allocation with Subcarrier Pairing in OFDMA Two-Way Relay Networks. <i>IEEE Wireless Communications Letters</i> , 2012 , 1, 61-64	5.9	60
161	Optimal Channel and Relay Assignment in OFDM-Based Multi-Relay Multi-Pair Two-Way Communication Networks. <i>IEEE Transactions on Communications</i> , 2012 , 60, 317-321	6.9	55
160	ADMM-Based Fast Algorithm for Multi-Group Multicast Beamforming in Large-Scale Wireless Systems. <i>IEEE Transactions on Communications</i> , 2017 , 65, 2685-2698	6.9	52
159	. <i>IEEE Journal on Selected Areas in Communications</i> , 2017 , 35, 2127-2136	14.2	49
158	Optimization Framework and Graph-Based Approach for Relay-Assisted Bidirectional OFDMA Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , 2010 , 9, 3490-3500	9.6	49
157	Design of Contract-Based Trading Mechanism for a Small-Cell Caching System. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 6602-6617	9.6	47
156	A New SLNR-Based Linear Precoding for Downlink Multi-User Multi-Stream MIMO Systems. <i>IEEE Communications Letters</i> , 2010 , 14, 1008-1010	3.8	44

155	Robust Secure UAV Communications With the Aid of Reconfigurable Intelligent Surfaces. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	44
154	Cooperative Secret Communication with Artificial Noise in Symmetric Interference Channel. <i>IEEE Communications Letters</i> , 2010 , 14, 885-887	3.8	43
153	. <i>IEEE Transactions on Wireless Communications</i> , 2012 , 11, 4457-4469	9.6	40
152	Improved design criteria and new trellis codes for space-time coded modulation in slow flat fading channels. <i>IEEE Communications Letters</i> , 2001 , 5, 313-315	3.8	39
151	Fundamental Storage-Latency Tradeoff in Cache-Aided MIMO Interference Networks. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 5061-5076	9.6	38
150	Joint Resource and Trajectory Optimization for Security in UAV-Assisted MEC Systems. <i>IEEE Transactions on Communications</i> , 2021 , 69, 573-588	6.9	37
149	Cooperative jamming for secrecy in decentralized wireless networks 2012 ,		30
148	Compressed Channel Estimation With Position-Based ICI Elimination for High-Mobility SIMO-OFDM Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 6204-6216	6.8	29
147	Superimposed XOR: A New Physical Layer Network Coding Scheme for Two-Way Relay Channels 2009 ,		29
146	A channel sensing based design for LTE in unlicensed bands 2015 ,		28
145	Joint Base Station Clustering and Beamforming for Non-Orthogonal Multicast and Unicast Transmission With Backhaul Constraints. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 6265-6279	9.6	28
144	Content-Centric Multicast Beamforming in Cache-Enabled Cloud Radio Access Networks 2015 ,		28
143	An Auction Approach to Distributed Power Allocation for Multiuser Cooperative Networks. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 237-247	9.6	27
142	Robust Relay Beamforming for Two-Way Relay Networks. <i>IEEE Communications Letters</i> , 2012 , 16, 1052-1055	9.5	27
141	Joint Tx/Rx Energy-Efficient Scheduling in Multi-Radio Wireless Networks: A Divide-and-Conquer Approach. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 2727-2740	9.6	26
140	Cooperative Tx/Rx caching in interference channels: A storage-latency tradeoff study 2016 ,		26
139	Outage Analysis of Cooperative Secrecy Multicast Transmission. <i>IEEE Wireless Communications Letters</i> , 2014 , 3, 161-164	5.9	24
138	Spectrum leasing and cooperative resource allocation in cognitive OFDMA networks. <i>Journal of Communications and Networks</i> , 2013 , 15, 102-110	4.1	24

137	Blind Spectrum Sensing by Information Theoretic Criteria for Cognitive Radios. <i>IEEE Transactions on Vehicular Technology</i> , 2010 , 59, 3806-3817	6.8	24
136	Gradient Statistics Aware Power Control for Over-the-Air Federated Learning. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 5115-5128	9.6	24
135	Collaborative Multi-Agent Multi-Armed Bandit Learning for Small-Cell Caching. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 2570-2585	9.6	23
134	Using Grouped Linear Prediction and Accelerated Reinforcement Learning for Online Content Caching 2018 ,		23
133	A Decentralized Sleep Mechanism in Heterogeneous Cellular Networks With QoS Constraints. <i>IEEE Wireless Communications Letters</i> , 2014 , 3, 509-512	5.9	23
132	Joint Source and Relay Optimization for Non-Regenerative MIMO Two-Way Relay Systems with Imperfect CSI. <i>IEEE Transactions on Wireless Communications</i> , 2012 , 11, 3305-3315	9.6	23
131	Degrees of Freedom for MIMO Two-Way X Relay Channel. <i>IEEE Transactions on Signal Processing</i> , 2013 , 61, 1711-1720	4.8	21
130	V-OFDM: On Performance Limits over Multi-Path Rayleigh Fading Channels. <i>IEEE Transactions on Communications</i> , 2011 , 59, 1878-1892	6.9	21
129	Game Theoretic Multimode Precoding Strategy Selection for MIMO Multiple Access Channels. <i>IEEE Signal Processing Letters</i> , 2010 , 17, 563-566	3.2	21
128	Edge and Central Cloud Computing: A Perfect Pairing for High Energy Efficiency and Low-Latency. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 1070-1083	9.6	21
127	Exploiting Computation Replication for Mobile Edge Computing: A Fundamental Computation-Communication Tradeoff Study. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 4563-4578	9.6	20
126	. <i>IEEE Transactions on Information Theory</i> , 2015 , 61, 3365-3386	2.8	20
125	Stochastic Throughput Optimization for Two-Hop Systems With Finite Relay Buffers. <i>IEEE Transactions on Signal Processing</i> , 2015 , 63, 5546-5560	4.8	20
124	Generalized layered space-time codes for high data rate wireless communications. <i>IEEE Transactions on Wireless Communications</i> , 2004 , 3, 1067-1075	9.6	20
123	Degrees of Freedom of MIMO Multiway Relay Channel With Clustered Pairwise Exchange. <i>IEEE Journal on Selected Areas in Communications</i> , 2015 , 33, 337-351	14.2	19
122	A Network Flow Approach to Throughput Maximization in Cooperative OFDMA Networks. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 1138-1148	9.6	19
121	. <i>IEEE Transactions on Vehicular Technology</i> , 2012 , 61, 3984-3995	6.8	19
120	QoS-Aware Transmission Policies for OFDM Bidirectional Decode-and-Forward Relaying. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 2206-2216	9.6	19

119	Communication, Computing and Caching for Mobile VR Delivery: Modeling and Trade-Off 2018 ,		19
118	Joint multicast beamforming and user grouping in massive MIMO systems 2015 ,		18
117	Iteratively Decoded Variable Length Space-Time Coded Modulation: Code Construction and Convergence Analysis. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 1953-1963	9.6	18
116	Trellis-coded differential unitary space-time modulation over flat fading channels. <i>IEEE Transactions on Communications</i> , 2003 , 51, 587-596	6.9	18
115	. <i>IEEE Wireless Communications</i> , 2015 , 22, 52-60	13.4	17
114	Cross-Layer Optimization of Two-Way Relaying for Statistical QoS Guarantees. <i>IEEE Journal on Selected Areas in Communications</i> , 2013 , 31, 1583-1596	14.2	17
113	Joint Source and Relay Precoding Designs for MIMO Two-Way Relay Systems 2011 ,		17
112	Content Caching and Delivery in Wireless Radio Access Networks. <i>IEEE Transactions on Communications</i> , 2019 , 67, 4724-4749	6.9	16
111	Bandwidth Gain From Mobile Edge Computing and Caching in Wireless Multicast Systems. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 3992-4007	9.6	16
110	Channel Estimation, Carrier Recovery, and Data Detection in the Presence of Phase Noise in OFDM Relay Systems. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 1186-1205	9.6	16
109	Outage Probability and Finite-SNR Diversity Multiplexing Tradeoff for Two-Way Relay Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2013 , 62, 3123-3136	6.8	16
108	Optimal dynamic multicast scheduling for cache-enabled content-centric wireless networks 2015 ,		16
107	. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 9162-9177	6.8	15
106	The New Interference Alignment Scheme for the MIMO Interference Channel 2010 ,		15
105	An Estimation Algorithm of Channel State Transition Probabilities for Cognitive Radio Systems 2008 ,		15
104	End-to-end outage minimization in OFDM based linear relay networks. <i>IEEE Transactions on Communications</i> , 2009 , 57, 3034-3044	6.9	13
103	Joint subcarrier-relay assignment and power allocation for decode-and-forward multi-relay OFDM systems 2009 ,		13
102	On the Maximum Achievable Sum-Rate of Interfering Two-Way Relay Channels. <i>IEEE Communications Letters</i> , 2012 , 16, 72-75	3.8	12

101	Pairwise Check Decoding for LDPC Coded Two-Way Relay Block Fading Channels. <i>IEEE Transactions on Communications</i> , 2012 , 60, 2065-2076	6.9	12
100	Delay-Aware Energy-Efficient Communications Over Nakagami- m Fading Channel With MMPP Traffic. <i>IEEE Transactions on Communications</i> , 2015 , 63, 3008-3020	6.9	11
99	Secure beamforming for MIMO two-way transmission with an untrusted relay 2013 ,		11
98	Hypergraph-based frequency reuse in dense femtocell networks 2013 ,		11
97	Joint multicast and unicast beamforming for the MISO downlink interference channel 2017 ,		10
96	Channel Estimation and Optimal Training Design for Correlated MIMO Two-Way Relay Systems in Colored Environment. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 2684-2699	9.6	10
95	Extended Space-Time Block Coding with Transmit Antenna Selection over Correlated Fading Channels. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 3137-3141	9.6	10
94	Modeling, Analysis, and Optimization of Caching in Multi-Antenna Small-Cell Networks. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 5454-5469	9.6	10
93	Outage performance analysis of two-way relay system with multi-antenna relay node 2012 ,		9
92	Content Caching Oriented Popularity Prediction: A Weighted Clustering Approach. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 623-636	9.6	9
91	. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 69-82	9.6	9
90	Fundamental Limits of Decentralized Caching in Fog-RANs with Wireless Fronthaul 2018 ,		9
89	UAV-Assisted MEC Networks with Aerial and Ground Cooperation. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	9
88	Analysis and Optimization of Probabilistic Caching in Multi-Antenna Small-Cell Networks 2017 ,		8
87	User-Centric Joint Access-Backhaul Design for Full-Duplex Self-Backhauled Wireless Networks. <i>IEEE Transactions on Communications</i> , 2019 , 67, 7980-7993	6.9	8
86	Massive MIMO multicasting in noncooperative multicell networks 2014 ,		8
85	MIMO Two-Way Compress-and-Forward Relaying with Approximate Joint Eigen-Decomposition. <i>IEEE Communications Letters</i> , 2013 , 17, 1750-1753	3.8	8
84	Cooperative caching for spectrum access in cognitive radio networks 2017 ,		8

83	Cache-Aided Interference Management in Partially Connected Wireless Networks 2017 ,		8
82	Generalized signal alignment for arbitrary MIMO two-way relay channels 2014 ,		8
81	Diagonal block space-time code design for diversity and coding advantage over flat fading channels. <i>IEEE Transactions on Signal Processing</i> , 2004 , 52, 1012-1020	4.8	8
80	Deep Learning for Wireless Coded Caching With Unknown and Time-Variant Content Popularity. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 1152-1163	9.6	8
79	Collaborative Multi-Agent Reinforcement Learning of Caching Optimization in Small-Cell Networks 2018 ,		8
78	Optimal DoF Region for the Asymmetric Two-Pair MIMO Two-Way Relay Channel. <i>IEEE Transactions on Signal Processing</i> , 2017 , 65, 1700-1711	4.8	7
77	Multicast Beamforming Design in Multicell Networks With Successive Group Decoding. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 3492-3506	9.6	7
76	Channel Path Identification in mmWave Systems With Large-Scale Antenna Arrays. <i>IEEE Transactions on Communications</i> , 2020 , 68, 5549-5562	6.9	7
75	Distributed cross-layer resource allocation for statistical QoS provisioning in femtocell networks 2013 ,		7
74	Rate regions of a two-way Gaussian relay channel 2009 ,		7
73	Deep-Learned Approximate Message Passing for Asynchronous Massive Connectivity. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 5434-5448	9.6	7
72	Treating Content Delivery in Multi-Antenna Coded Caching as General Message Sets Transmission: A DoF Region Perspective. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 3129-3141	9.6	6
71	Compressed channel estimation for high-mobility OFDM systems: Pilot symbol and pilot pattern design 2015 ,		6
70	Fitness-Aware Coded Multicasting for Decentralized Caching With Finite File Packetization. <i>IEEE Wireless Communications Letters</i> , 2018 , 7, 740-743	5.9	6
69	Dynamic uplink/downlink configuration using Q-learning in femtocell networks 2014 ,		6
68	Optimal energy-efficient transmission for fading channels with an energy harvesting transmitter 2014 ,		6
67	Effects of Non-Identical Rayleigh Fading on Differential Unitary Space-Time Modulation. <i>IEEE Transactions on Communications</i> , 2009 , 57, 1359-1369	6.9	6
66	Decentralized Multi-Agent Multi-Armed Bandit Learning With Calibration for Multi-Cell Caching. <i>IEEE Transactions on Communications</i> , 2021 , 69, 2457-2472	6.9	6

65	Optimal Degrees of Freedom Region for the Asymmetric MIMO Y Channel. <i>IEEE Communications Letters</i> , 2016 , 20, 2454-2457	3.8	5
64	On Degrees of Freedom of Cognitive Networks with User Cooperation. <i>IEEE Wireless Communications Letters</i> , 2012 , 1, 617-620	5.9	5
63	Design an asynchronous radio interferometric positioning system using dual-tone signaling 2013 ,		5
62	Competitive scheduling for OFDMA systems with guaranteed transmission rate. <i>Computer Communications</i> , 2009 , 32, 501-510	5.1	5
61	Analysis of Differential Orthogonal Space-Time Block Codes Over Semi-Identical MIMO Fading Channels. <i>IEEE Transactions on Communications</i> , 2007 , 55, 282-291	6.9	5
60	Gradient Statistics Aware Power Control for Over-the-Air Federated Learning in Fading Channels 2020 ,		5
59	Secure Polar Coding for the Two-Way Wiretap Channel. <i>IEEE Access</i> , 2018 , 6, 21731-21744	3.5	4
58	Pseudo Exclusive-OR for LDPC Coded Two-Way Relay Block Fading Channels 2011 ,		4
57	QoS-aware policies for OFDM bidirectional transmission with decode-and-forward relaying 2012 ,		4
56	High rate trellis coded differential unitary space-time modulation via super unitarity. <i>IEEE Transactions on Wireless Communications</i> , 2006 , 5, 3350-3354	9.6	4
55	New Results on the Computation-Communication Tradeoff for Heterogeneous Coded Distributed Computing. <i>IEEE Transactions on Communications</i> , 2021 , 69, 2254-2270	6.9	4
54	A Computation-Communication Tradeoff Study for Mobile Edge Computing Networks 2019 ,		4
53	Exploiting Computation Replication in Multi-User Multi-Server Mobile Edge Computing Networks 2018 ,		4
52	Degrees of Freedom of Cache-Aided Wireless Cellular Networks. <i>IEEE Transactions on Communications</i> , 2020 , 68, 2777-2792	6.9	3
51	Probabilistic caching in multi-tier heterogeneous networks: Optimization and tradeoff 2017 ,		3
50	Cross-layer resource allocation of two-way relaying for statistical delay-QoS guarantees 2012 ,		3
49	Utility-Based Wireless Resource Allocation for Variable Rate Transmission. <i>IEEE Transactions on Wireless Communications</i> , 2008 , 7, 3292-3296	9.6	3
48	Joint Design of Hybrid Beamforming and Reflection Coefficients in RIS-aided mmWave MIMO Systems. <i>IEEE Transactions on Communications</i> , 2022 , 1-1	6.9	3

47	. <i>IEEE Transactions on Communications</i> , 2020 , 68, 301-316	6.9	3
46	Multi-Cell Mobile Edge Coded Computing: Trading Communication and Computing for Distributed Matrix Multiplication 2020 ,		3
45	Distributed Online Caching for High-Definition Maps in Autonomous Driving Systems. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 1390-1394	5.9	3
44	Optimal DoF Region for the Asymmetric Two-Pair MIMO Two-Way Relay Channel 2016 ,		3
43	Accelerated Deep Reinforcement Learning for Wireless Coded Caching 2019 ,		3
42	Exploiting Caching and Prediction to Promote User Experience for a Real-Time Wireless VR Service 2019 ,		3
41	Backhaul-Constrained Joint Beamforming for Non-Orthogonal Multicast and Unicast Transmission 2017 ,		2
40	Energy-efficient resource allocation for multiple description coding based multicast services in OFDMA networks 2016 ,		2
39	Alternative Awaiting and Broadcast for Two-Way Relay Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2013 , 62, 2841-2846	6.8	2
38	Adaptive scheduling for OFDM bidirectional transmission with a buffered relay 2013 ,		2
37	Linear Precoding Designs for Amplify-and-Forward Multiuser Two-Way Relay Systems 2011 ,		2
36	Finite-SNR Diversity-Multiplexing Tradeoff for Two-Way Multi-Antenna Relay Fading Channels 2010 ,		2
35	Rotating Decode-and-Forward for Two Pairs of Two-Way Communications 2010 ,		2
34	Blind Spectrum Sensing by Information Theoretic Criteria 2010 ,		2
33	A spectrum access game in bidirectional cognitive relay networks 2010 ,		2
32	Power and Subcarrier Allocation for Physical-Layer Security in OFDMA Networks 2011 ,		2
31	Subcarrier-Pair Based Resource Allocation for Cooperative AF Multi-Relay OFDM Systems 2009 ,		2
30	An optimal graph approach for optimizing OFDMA relay networks 2012 ,		2

29	Exploiting hop diversity with frequency sharing in multi-hop OFDM networks. <i>IEEE Communications Letters</i> , 2009 , 13, 908-910	3.8	2
28	Content Caching and Delivery in MIMO Fog-RANs With Wireless Fronthaul at Small Cache Size. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 376-379	5.9	2
27	Coded Caching with Device Computing for Content Computation in Mobile Systems 2020 ,		2
26	Joint Design of Hybrid Beamforming and Phase Shifts in RIS-Aided mmWave Communication Systems 2021 ,		2
25	Coded Computing and Cooperative Transmission for Wireless Distributed Matrix Multiplication. <i>IEEE Transactions on Communications</i> , 2021 , 69, 2224-2239	6.9	2
24	Millidegree-Level Direction-of-Arrival Estimation and Tracking for Terahertz Ultra-Massive MIMO Systems. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	2
23	2018 ,		2
22	User-Centric Joint Access-Backhaul Design for Full-Duplex Self-Backhauled Cooperative Networks 2018 ,		2
21	Guest Editorial Caching for Communication Systems and NetworksPart II. <i>IEEE Journal on Selected Areas in Communications</i> , 2018 , 36, 1663-1665	14.2	2
20	On the DoF Region for the Asymmetric MIMO Two-Way X Relay Channel. <i>IEEE Transactions on Communications</i> , 2018 , 66, 119-132	6.9	1
19	SWISS: Spectrum weighted identification of signal sources for mmWave systems 2018 ,		1
18	Stackelberg game for spectrum reuse in the two-tier LTE femtocell network 2013 ,		1
17	Joint Tx/Rx Energy-efficient scheduling in multi-radio networks: A divide-and-conquer approach 2015 ,		1
16	A new DoF upper bound and its achievability for K-user MIMO Y channels 2015 ,		1
15	Channel estimation and carrier recovery in the presence of phase noise in OFDM relay systems 2014 ,		1
14	Sparse channel estimation for OFDM transmission over two-way works 2012 ,		1
13	Degrees of freedom of MIMO two-way X relay channel 2012 ,		1
12	A Unified Framework for Communications, Computing and Caching Resources Allocation in Mobile Networks 2020 ,		1

11	Learning Based Branch-and-Bound for Non-Convex Complex Modulus Constrained Problems with Applications in Wireless Communications. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	1
10	Achievable Degrees of Freedom of Cache-Aided Wireless Cellular Networks 2019 ,		1
9	Polar Coding Strategies for the Interference Channel With Partial-Joint Decoding. <i>IEEE Transactions on Information Theory</i> , 2019 , 65, 1973-1993	2.8	1
8	Coded Caching with Device Computing in Mobile Edge Computing Systems. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	1
7	Adaptive Transmission Design in Fog Radio Access Networks with Partition-Based Caching 2018 ,		1
6	A Belief Propagation Approach for Caching Strategy Design in D2D Networks 2018 ,		1
5	A Learning Based Branch-and-Bound Algorithm for Single-Group Multicast Beamforming 2021 ,		1
4	Resource Allocation for Deterministic Delay in Wireless Control Networks. <i>IEEE Wireless Communications Letters</i> , 2021 , 1-1	5.9	
3	Editorial Issue on Information Theoretic Foundations of Future Communication Systems <i>IEEE Journal on Selected Areas in Information Theory</i> , 2022 , 3, 2-4	2.5	
2	Mobile Communications, Computing and Caching Resources Allocation for Diverse Services via Multi-Objective Proximal Policy Optimization. <i>IEEE Transactions on Communications</i> , 2022 , 1-1	6.9	
1	Computation Capacity Enhancement by Joint UAV and RIS Design in IoT. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	