

Wei Chen

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.

203
papers

2,912
citations

23
h-index

47
g-index

231
ext. papers

3,875
ext. citations

6.2
avg, IF

6.07
L-index

#	Paper	IF	Citations
203	The Roadmap to 6G: AI Empowered Wireless Networks. <i>IEEE Communications Magazine</i> , 2019 , 57, 84-90	9.1	580
202	. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 63, 2600-2612	6.8	165
201	Caching based socially-aware D2D communications in wireless content delivery networks: a hypergraph framework. <i>IEEE Wireless Communications</i> , 2016 , 23, 74-81	13.4	103
200	GreenDelivery: proactive content caching and push with energy-harvesting-based small cells 2015 , 53, 142-149		91
199	. <i>IEEE Transactions on Information Theory</i> , 2013 , 59, 1657-1677	2.8	65
198	Hypergraph-Based Wireless Distributed Storage Optimization for Cellular D2D Underlays. <i>IEEE Journal on Selected Areas in Communications</i> , 2016 , 34, 2650-2666	14.2	62
197	A Prediction-Based Charging Policy and Interference Mitigation Approach in the Wireless Powered Internet of Things. <i>IEEE Journal on Selected Areas in Communications</i> , 2019 , 37, 439-451	14.2	57
196	Federated Machine Learning for Intelligent IoT via Reconfigurable Intelligent Surface. <i>IEEE Network</i> , 2020 , 34, 16-22	11.4	52
195	. <i>IEEE Journal on Selected Areas in Communications</i> , 2016 , 34, 1022-1036	14.2	51
194	Outage Minimization for a Fading Wireless Link With Energy Harvesting Transmitter and Receiver. <i>IEEE Journal on Selected Areas in Communications</i> , 2015 , 33, 496-511	14.2	45
193	. <i>IEEE Transactions on Vehicular Technology</i> , 2015 , 64, 1519-1534	6.8	45
192	A Unified Cross-Layer Framework for Resource Allocation in Cooperative Networks. <i>IEEE Transactions on Wireless Communications</i> , 2008 , 7, 3000-3012	9.6	44
191	Cooperative Beamforming for Cognitive Radio Networks: A Cross-Layer Design. <i>IEEE Transactions on Communications</i> , 2012 , 60, 1420-1431	6.9	41
190	Deep Reinforcement Learning Approaches for Content Caching in Cache-Enabled D2D Networks. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 544-557	10.7	41
189	Content Pushing With Request Delay Information. <i>IEEE Transactions on Communications</i> , 2017 , 65, 1146-1161	6.1	39
188	Joint Optimization of Constellation With Mapping Matrix for SCMA Codebook Design. <i>IEEE Signal Processing Letters</i> , 2017 , 24, 264-268	3.2	38
187	Energy Efficient Secure Communication Over Decode-and-Forward Relay Channels. <i>IEEE Transactions on Communications</i> , 2015 , 63, 892-905	6.9	37

186	. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 63, 4077-4091	6.8	35
185	. <i>IEEE/ACM Transactions on Networking</i> , 2012 , 20, 1389-1401	3.8	31
184	. <i>IEEE Transactions on Communications</i> , 2010 , 58, 1161-1171	6.9	28
183	A Dynamic Pricing Strategy for Vehicle Assisted Mobile Edge Computing Systems. <i>IEEE Wireless Communications Letters</i> , 2019 , 8, 420-423	5.9	27
182	. <i>IEEE Journal on Selected Areas in Communications</i> , 2011 , 29, 161-172	14.2	26
181	Optimal Delay-Power Tradeoff in Wireless Transmission with Fixed Modulation 2007 ,		24
180	. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 3679-3691	9.6	23
179	A Semi Range-Based Iterative Localization Algorithm for Cognitive Radio Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2010 , 59, 704-717	6.8	23
178	Delay-Optimal Buffer-Aware Scheduling With Adaptive Transmission. <i>IEEE Transactions on Communications</i> , 2017 , 65, 2917-2930	6.9	22
177	Millimeter-Wave Networking in the Sky: A Machine Learning and Mean Field Game Approach for Joint Beamforming and Beam-Steering. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 6393-6408	8.6	22
176	. <i>IEEE Access</i> , 2018 , 6, 1416-1427	3.5	22
175	Delay Optimal Scheduling for Energy Harvesting Based Communications. <i>IEEE Journal on Selected Areas in Communications</i> , 2015 , 33, 452-466	14.2	21
174	Joint Channel and Queue Aware Scheduling for Latency Sensitive Mobile Edge Computing With Power Constraints. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 3938-3951	9.6	21
173	CAO-SIR: Channel Aware Ordered Successive Relaying. <i>IEEE Transactions on Wireless Communications</i> , 2014 , 13, 6513-6527	9.6	20
172	. <i>IEEE Journal on Selected Areas in Communications</i> , 2012 , 30, 397-406	14.2	19
171	A Distributed Beamforming Approach for Enhanced Opportunistic Spectrum Access in Cognitive Radios 2009 ,		19
170	Joint Queue-Aware and Channel-Aware Delay Optimal Scheduling of Arbitrarily Bursty Traffic Over Multi-State Time-Varying Channels. <i>IEEE Transactions on Communications</i> , 2019 , 67, 503-517	6.9	19
169	Coded Joint Pushing and Caching With Asynchronous User Requests. <i>IEEE Journal on Selected Areas in Communications</i> , 2018 , 36, 1843-1856	14.2	18

168	Big Data Driven Wireless Communications: A Human-in-the-Loop Pushing Technique for 5G Systems. <i>IEEE Wireless Communications</i> , 2018 , 25, 64-69	13.4	17
167	Multicast Pushing With Content Request Delay Information. <i>IEEE Transactions on Communications</i> , 2018 , 66, 1078-1092	6.9	17
166	. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 63, 107-118	6.8	17
165	. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 5982-5999	9.6	17
164	A Cross Layer Method for Interference Cancellation and Network Coding in Wireless Networks 2006 ,		17
163	Federated Learning via Intelligent Reflecting Surface. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	17
162	A Joint PHY-MAC Spectrum Sensing Algorithm Exploiting Sequential Detection. <i>IEEE Signal Processing Letters</i> , 2010 , 17, 703-706	3.2	16
161	Energy Efficient Pushing in AWGN Channels Based on Content Request Delay Information. <i>IEEE Transactions on Communications</i> , 2018 , 66, 3667-3682	6.9	15
160	Content Pushing Based on Physical Layer Multicasting and Request Delay Information 2016 ,		15
159	Non-Orthogonal Multiple Access for Delay-Sensitive Communications: A Cross-Layer Approach. <i>IEEE Transactions on Communications</i> , 2019 , 67, 5053-5068	6.9	14
158	Enhanced Group Sparse Beamforming for Green Cloud-RAN: A Random Matrix Approach. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 2511-2524	9.6	14
157	. <i>IEEE Transactions on Communications</i> , 2019 , 67, 6153-6167	6.9	14
156	. <i>IEEE/ACM Transactions on Networking</i> , 2013 , 21, 110-120	3.8	14
155	Delay Optimal Scheduling for ARQ-Aided Power-Constrained Packet Transmission Over Multi-State Fading Channels. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 7123-7137	9.6	14
154	Delay Optimal Scheduling for Cognitive Radios with Cooperative Beamforming: A Structured Matrix-Geometric Method. <i>IEEE Transactions on Mobile Computing</i> , 2012 , 11, 1412-1423	4.6	14
153	. <i>IEEE Transactions on Vehicular Technology</i> , 2011 , 60, 4427-4438	6.8	14
152	Delay-Optimal and Energy-Efficient Communications With Markovian Arrivals. <i>IEEE Transactions on Communications</i> , 2020 , 68, 1508-1523	6.9	13
151	Edge Caching in Multi-UAV-Enabled Radio Access Networks: 3D Modeling and Spectral Efficiency Optimization. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2020 , 6, 329-341	2.8	13

150	Caching With Time Domain Buffer Sharing. <i>IEEE Transactions on Communications</i> , 2019 , 67, 2730-2745	6.9	13
149	Maximum Euclidean distance network coded modulation for asymmetric decode-and-forward two-way relaying. <i>IET Communications</i> , 2013 , 7, 988-998	1.3	13
148	Achieving High Frequency Diversity with Subcarrier Allocation in OFDMA Systems 2008 ,		13
147	. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2017 , 3, 201-216	6.6	12
146	Machine Learning-Based Spectrum Efficiency Hybrid Precoding With Lens Array and Low-Resolution ADCs. <i>IEEE Access</i> , 2019 , 7, 117986-117996	3.5	12
145	Request Delay-Based Pricing for Proactive Caching: A Stackelberg Game Approach. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 2903-2918	9.6	12
144	Topological Interference Management With User Admission Control via Riemannian Optimization. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 7362-7375	9.6	12
143	Wiretap Channel With Full-Duplex Proactive Eavesdropper: A Game Theoretic Approach. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 7658-7663	6.8	12
142	Joint pushing and caching with a finite receiver buffer: Optimal policies and throughput analysis 2016 ,		12
141	. <i>IEEE Transactions on Communications</i> , 2018 , 66, 2918-2930	6.9	11
140	Reconstruction of Counting Process in Real-Time: The Freshness of Information Through Queues 2019 ,		10
139	Real-Time Reconstruction of a Counting Process Through First-Come-First-Serve Queue Systems. <i>IEEE Transactions on Information Theory</i> , 2020 , 66, 4547-4562	2.8	10
138	Iterative Antenna Selection for Multi-Stream MIMO under a Holistic Power Model. <i>IEEE Wireless Communications Letters</i> , 2014 , 3, 82-85	5.9	10
137	Variable-Rate, Variable-Power Network-Coded-QAM/PSK for Bi-Directional Relaying Over Fading Channels. <i>IEEE Transactions on Communications</i> , 2014 , 62, 3631-3643	6.9	10
136	. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 3675-3687	9.6	10
135	2011 ,		10
134	A Rateless Coding Based Multi-Relay Cooperative Transmission Scheme for Cognitive Radio Networks 2009 ,		10
133	Resource Allocation for NOMA-MEC Systems in Ultra-Dense Networks: A Learning Aided Mean-Field Game Approach. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 1487-1500	9.6	10

132	Energy Efficient Wireless Pushing With Request Delay Information and Delivery Delay Constraint. <i>IEEE Access</i> , 2017 , 5, 15428-15441	3.5	9
131	Joint network and Gelfand-Pinsker coding for 3-receiver Gaussian broadcast channels with receiver message side information 2014 ,		9
130	A Low Complexity Energy Efficiency Maximization Method for Multiuser Amplify-and-Forward MIMO Relay Systems With a Holistic Power Model. <i>IEEE Communications Letters</i> , 2014 , 18, 1371-1374	3.8	9
129	A Fair Multiuser Cooperation Protocol for Increasing the Throughput in Energy-Constrained Ad-hoc Networks 2006 ,		9
128	Delay Optimization in Multi-UAV Edge Caching Networks: A Robust Mean Field Game. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 1-1	6.8	9
127	Computation Offloading in Heterogeneous Mobile Edge Computing With Energy Harvesting. <i>IEEE Transactions on Green Communications and Networking</i> , 2021 , 5, 552-565	4	9
126	4-DMWM Approach for Caching Based Optimal D2D Pairing and Channel Allocation: Centralized and Distributed Algorithm Design. <i>IEEE Access</i> , 2016 , 4, 9213-9224	3.5	9
125	Truncated-ARQ Aided Adaptive Network Coding for Cooperative Two-Way Relaying Networks: Cross-Layer Design and Analysis. <i>IEEE Access</i> , 2016 , 4, 9361-9376	3.5	8
124	Content Pushing Over Multiuser MISO Downlinks With Multicast Beamforming and Recommendation: A Cross-Layer Approach. <i>IEEE Transactions on Communications</i> , 2019 , 67, 7263-7276	6.9	8
123	Multicast-pushing with human-in-the-loop: Where social networks meet wireless communications 2017 ,		8
122	Coalitional game theoretic approach for cooperative transmission in vehicular networks 2013 ,		8
121	ARCOR: Agile Rateless Coded Relaying for Cognitive Radios. <i>IEEE Transactions on Vehicular Technology</i> , 2011 , 60, 2777-2789	6.8	8
120	RIS Optimization on the Complex Circle Manifold for Interference Mitigation in Interference Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 6184-6189	6.8	8
119	Spectral- and Energy-Efficiency of Multi-Pair Two-Way Massive MIMO Relay Systems Experiencing Channel Aging. <i>IEEE Access</i> , 2019 , 7, 46014-46032	3.5	7
118	Energy Harvesting Aided Multiuser Transmission in Spectrum Sharing Networks. <i>IEEE Access</i> , 2016 , 4, 4038-4045	3.5	7
117	. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 2925-2939	9.6	7
116	Successive Amplify-and-Forward Relaying With Network Interference Cancellation. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 6871-6886	9.6	7
115	Opportunistic DF-AF selection relaying with optimal relay selection in Nakagami-m fading environments 2012 ,		7

114	Cooperative Beamforming Aided Incremental Relaying in Cognitive Radios 2011 ,		7
113	Uplink Cross-Layer Scheduling with Differential QoS Requirements in OFDMA Systems. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2010 , 2010,	3.2	7
112	Optimal Power Allocation for Spectrum Sharing in Frequency-Selective Unlicensed Bands. <i>IEEE Communications Letters</i> , 2008 , 12, 511-513	3.8	7
111	Delay Analysis of Wireless Federated Learning Based on Saddle Point Approximation and Large Deviation Theory. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 1-1	14.2	7
110	Over-the-Air Computation via Reconfigurable Intelligent Surface. <i>IEEE Transactions on Communications</i> , 2021 , 1-1	6.9	7
109	Delay-Power Tradeoff of Fixed-Rate Wireless Transmission With Arbitrarily Bursty Traffics. <i>IEEE Access</i> , 2017 , 5, 1668-1681	3.5	6
108	Coalition Formation Approaches for Cooperative Networks With SWIPT. <i>IEEE Access</i> , 2017 , 5, 17644-17659,	5.9	6
107	2015 ,		6
106	DNFAF Selection Two-Way Relaying. <i>Wireless Personal Communications</i> , 2015 , 80, 805-818	1.9	5
105	Caching With Finite Buffer and Request Delay Information: A Markov Decision Process Approach. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 5148-5161	9.6	5
104	Power control policies for a wireless link with energy harvesting transmitter and receiver 2014 ,		5
103	Analog Network-Coded Modulation With Maximum Euclidean Distance: Mapping Criterion and Constellation Design. <i>IEEE Access</i> , 2017 , 5, 18271-18286	3.5	5
102	Adaptive AF/DF Selection With FD/HD Switching in Two-Way Relay Networks. <i>IEEE Access</i> , 2017 , 5, 11594-11605	3.5	5
101	Delay Optimal Non-Orthogonal Multiple Access with Joint Scheduling and Superposition Coding 2017 ,		5
100	Outage optimal subcarrier allocation for downlink secure OFDMA systems 2014 ,		5
99	On Energy Efficiency Maximization in Downlink MIMO Systems Exploiting Multiuser Diversity. <i>IEEE Communications Letters</i> , 2014 , 18, 2161-2164	3.8	5
98	Throughput-Efficient Rateless Coding with Packet Length Optimization for Practical Wireless Communication Systems 2010 ,		5
97	Reconfigurable Intelligent Surface Assisted Massive MIMO with Antenna Selection. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	5

96	Storage-Efficient Edge Caching With Asynchronous User Requests. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2020 , 6, 229-241	6.6	5
95	Balancing Data Freshness and Distortion in Real-time Status Updating with Lossy Compression 2020 ,		5
94	Beam-Steering Optimization in Multi-UAVs mmWave Networks: A Mean Field Game Approach 2019 ,		5
93	Joint Pushing and Recommendation for Susceptible Users with Time-Varying Connectivity 2018 ,		5
92	Coded Caching With Moderate Recommendation: Balancing Delivery Rate and Quality of Experience. <i>IEEE Wireless Communications Letters</i> , 2019 , 8, 1456-1459	5.9	4
91	Pilot-Efficient Scheduling for Large-Scale Antenna Aided Massive Machine-Type Communications: A Cross-Layer Approach. <i>IEEE Transactions on Communications</i> , 2020 , 68, 4262-4276	6.9	4
90	Outage bottleneck for reliable mobile computation offloading: Transmission or computation? 2016 ,		4
89	Optimal Caching Strategy for Coordinated Small-Cells With Limited Backhaul. <i>IEEE Wireless Communications Letters</i> , 2019 , 8, 1583-1586	5.9	4
88	Quantum Search-Aided Multi-User Detection for Sparse Code Multiple Access. <i>IEEE Access</i> , 2019 , 7, 52804-52817	9.5	4
87	Joint relay selection and subchannel allocation for amplify-and-forward OFDMA cooperative networks 2012 ,		4
86	UAV Aided Over-the-Air Computation. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	4
85	A Leakage-Aware CS/CB Scheme for Heterogeneous CoMP Networks with Layered Limited Feedback. <i>IEICE Transactions on Communications</i> , 2013 , E96.B, 363-366	0.5	4
84	Successive Decode-and-Forward Relaying With Privacy-Aware Interference Suppression. <i>IEEE Access</i> , 2020 , 8, 95793-95806	3.5	4
83	Joint Framing and Finite-Blocklength Coding for URLLC in Multi-user Downlinks 2020 ,		4
82	On the Effective Throughput of Coded Caching With Heterogeneous User Preferences: A Game Theoretic Perspective. <i>IEEE Transactions on Communications</i> , 2021 , 69, 1387-1402	6.9	4
81	Delay Optimal Scheduling of Arbitrarily Bursty Traffic over Multi-State Time-Varying Channels 2016 ,		4
80	New Word Extraction From Chinese Financial Documents. <i>IEEE Signal Processing Letters</i> , 2017 , 24, 770-773	3.2	3
79	Energy-Efficient Joint Pushing and Caching Based on Markov Decision Process. <i>IEEE Transactions on Green Communications and Networking</i> , 2019 , 3, 433-445	4	3

78	QoS Differential Scheduling of URLLC Under FIFO Service Discipline: A Cross-Layer Approach. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 1370-1373	5.9	3
77	. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 8036-8051	6.8	3
76	Joint network and dirty-paper coding for multi-way relay networks with pairwise information exchange 2014 ,		3
75	On Delay-Power Tradeoff of Rate Adaptive Wireless Communications with Random Arrivals 2017 ,		3
74	Iterative Antenna Selection for Decode-and-Forward MIMO Relay Systems Under a Holistic Power Model. <i>IEEE Communications Letters</i> , 2014 , 18, 2237-2240	3.8	3
73	Spectrum sharing in frequency-selective unlicensed bands: a game theoretic approach. <i>Wireless Communications and Mobile Computing</i> , 2014 , 14, 460-471	1.9	3
72	Outage Exponent for OFDM Channels 2010 ,		3
71	A Simple Probabilistic Relay Selection Protocol for Asynchronous Multi-Relay Networks Employing Rateless Codes 2011 ,		3
70	2009 ,		3
69	Low-complexity hierarchical spectrum sharing scheme in cognitive radio networks. <i>IEEE Communications Letters</i> , 2009 , 13, 770-772	3.8	3
68	Bandwidth and Storage Efficient Caching Based on Dynamic Programming and Reinforcement Learning. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 206-209	5.9	3
67	An AoI-Optimal Scheduling Method for Wireless Transmissions with Truncated Channel Inversion 2020 ,		3
66	2016 ,		3
65	Content Caching Policy for 5G Network Based on Asynchronous Advantage Actor-Critic Method 2019 ,		3
64	Coded Caching with Joint Content Recommendation and User Grouping 2018 ,		3
63	Optimal trajectory and downlink power control for multi-type UAV aerial base stations. <i>Chinese Journal of Aeronautics</i> , 2021 , 34, 11-23	3.7	3
62	Content Pushing Over Idle Timeslots: Performance Analysis and Caching Gains. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 5586-5598	9.6	3
61	Achieving Extremely Low-Latency in Industrial Internet of Things: Joint Finite Blocklength Coding, Resource Block Matching, and Performance Analysis. <i>IEEE Transactions on Communications</i> , 2021 , 1-1	6.9	3

60	Joint Queue-Aware and Channel-Aware Scheduling for Non-Orthogonal Multiple Access. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	3
59	Active interference cancellation-aided QoS-aware distributed ARQ for cognitive radios with heterogeneous traffics. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2013 , 2013,	3.2	2
58	On Outage of Wireless Cloud Computing: Offloading Optimization and Bottleneck Analysis 2017 ,		2
57	Joint channel and queue aware scheduling for wireless links with multiple fading states 2015 ,		2
56	Electric vehicle charging scheduling under local renewable energy and stochastic grid power price 2014 ,		2
55	Online quickest multiarmed bandit algorithm for distributive renewable energy resources 2012 ,		2
54	Achieving Spectral Efficient Cooperative Diversity with Network Interference Cancellation 2011 ,		2
53	Optimal Relay Selection and Channel Allocation for Multi-User Analog Two-Way Relay Systems 2011 ,		2
52	RBG Matching Based Optimal Relay Selection and Subchannel Allocation 2011 ,		2
51	ARQ versus Rateless Coding: From a point of view of redundancy 2012 ,		2
50	Fair and Efficient Resource Allocation for Cooperative Diversity in Ad-Hoc Wireless Networks 2007 ,		2
49	Content Caching Policy Based on GAN and Distributional Reinforcement Learning 2020 ,		2
48	Monitoring Real-Time Status of Analog Sources: A Cross-Layer Approach. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 1309-1324	14.2	2
47	Adaptive Power and Rate Control for Real-Time Status Updating Over Fading Channels. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 3095-3106	9.6	2
46	Physical layer security game with full-duplex proactive eavesdropper 2016 ,		2
45	Delay-optimal data transmission in renewable energy aided cognitive radio networks 2016 ,		2
44	Queue-Aware Variable-Length Coding for Ultra-Reliable and Low-Latency Communications 2019 ,		2
43	. <i>IEEE Transactions on Green Communications and Networking</i> , 2021 , 5, 106-118	4	2

42	Power and Rate Adaptive Pushing Over Fading Channels. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	2
41	A Probabilistic Scheduling Policy for Energy Efficient UAV Communications with Delay Constraints 2018 ,		2
40	Pricing for Content Pushing with Request Delay Information: A Stackelberg Game Approach 2018 ,		2
39	Error Rate Analysis of Non-Orthogonal Multiple Access With Residual Hardware Impairments. <i>IEEE Communications Letters</i> , 2021 , 25, 2522-2526	3.8	2
38	Energy-Efficient Pushing With Content Consumption Constraints: A Network Calculus Approach. <i>IEEE Transactions on Green Communications and Networking</i> , 2020 , 4, 301-314	4	1
37	User Preference Aware Lossless Data Compression at the Edge. <i>IEEE Transactions on Communications</i> , 2020 , 68, 3792-3807	6.9	1
36	To Code or Not to Code: Maximizing the Achievable Rate Region of Two-Way Decode-and-Forward Multiantenna Relay Channel. <i>IEEE Communications Letters</i> , 2014 , 18, 1303-1306	3.8	1
35	A Cross-Layer Design for Rateless Coding with Optimal Packet Size over Block Fading Channels. <i>Wireless Personal Communications</i> , 2013 , 70, 177-187	1.9	1
34	. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 4845-4858	6.8	1
33	Joint Pushing and Caching Based on Physical Layer Multicasting and Network Coding 2017 ,		1
32	Joint pushing and caching communication with 2-dimensional queue model: Delay-cost tradeoff (Invited Paper) 2017 ,		1
31	Energy-spectral efficient transmission policy for energy harvesting nodes with rate requirement 2013 ,		1
30	A joint scheduling and Beamforming method based on layered limited feedback 2012 ,		1
29	2008 ,		1
28	WLC46-6: Cooperative Interference Cancellation in Multi-hop Wireless Networks: A Cross Layer Approach. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , 2006 ,		1
27	A Pricing-based Joint Scheduling of Pushing and on-Demand Transmission Over Shared Spectrum 2020 ,		1
26	Ultra-Reliable and Low-Latency Wireless Communications in the High SNR Regime: A Cross-Layer Tradeoff. <i>IEEE Transactions on Communications</i> , 2021 , 1-1	6.9	1
25	Minimizing the Queue-Length-Bound Violation Probability for URLLC: A Cross Layer Approach 2020 ,		1

24	Energy Efficient Joint Pushing and On-Demand Transmission over Shared Spectrum 2020 ,		1
23	Joint Lossy Compression and Power Allocation for Delay-Sensitive Wireless Communications 2020 ,		1
22	Ultra Reliable and Low Latency Non-Orthogonal Multiple Access: A Cross-Layer Approach 2021 ,		1
21	Saddle Point Approximation Based Delay Analysis for Wireless Federated Learning 2021 ,		1
20	Cache-Enabled Multicast Content Pushing With Structured Deep Learning. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 2135-2149	14.2	1
19	Low-Latency Short-Packet Transmission over a Large Spatial Scale. <i>Entropy</i> , 2021 , 23,	2.8	1
18	Cross-Layer Design of Adaptive Network-Coded QAM Aided Truncated ARQ in Two-Way Relaying 2016 ,		1
17	Maximizing Hit Ratio in Finite-Buffer Caching with Request Delay Information: An MDP Approach 2019 ,		1
16	An Energy-Efficient Content Pushing Policy with Opportunistic Transmissions over Wireless Links 2019 ,		1
15	A Deterministic Scheduling Policy for Low-Latency Wireless Communication with Continuous Channel States. <i>IEEE Transactions on Communications</i> , 2021 , 1-1	6.9	1
14	Shadowing Cancellation and Iterative Newton-Gradient Algorithm for UAV-Assisted Localization. <i>IEEE Communications Letters</i> , 2021 , 1-1	3.8	1
13	Joint Scheduling of Proactive Caching and On-Demand Transmission Traffics over Shared Spectrum. <i>IEEE Transactions on Communications</i> , 2021 , 1-1	6.9	1
12	Improving Physical Layer Security in Vehicles and Pedestrians Networks With Ambient Backscatter Communication. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-11	6.1	1
11	Mean-Field Approximation based Scheduling for Broadcast Channels with Massive Receivers 2021 ,		1
10	Achieving Low Latency in Massive Access: A Mean-field Approach. <i>IEEE Journal on Selected Areas in Communications</i> , 2022 , 1-1	14.2	0
9	Wireless Caching: Making Radio Access Networks More than Bit-Pipelines. <i>Network</i> , 2021 , 1, 146-164		0
8	Joint Lossy Compression and Power Allocation in Low Latency Wireless Communications for IIoT: A Cross-Layer Approach. <i>IEEE Transactions on Communications</i> , 2021 , 69, 5106-5120	6.9	0
7	Dynamic pricing based EV load management in distribution network. <i>Energy Reports</i> , 2022 , 8, 798-805	4.6	0

- 6 Sparse Network Completion via Discrete-Constrained Nuclear-Norm Minimization. *IEEE Signal Processing Letters*, **2017**, 24, 1896-1900 3.2
- 5 . *Tsinghua Science and Technology*, **2015**, 20, 574-582 3.4
- 4 A cross-layer approach to enable multipacket transmission in MIMO-SDMA based WLAN. *Journal of Zhejiang University: Science A*, **2009**, 10, 271-278 2.1
- 3 Placement and Concise MSE Lower-Bound for UAV-Enabled Localization via RSS. *IEEE Transactions on Vehicular Technology*, **2021**, 1-1 6.8
- 2 Buffer-Aware Scheduling and Power Allocation for CoMP Transmission with Large-Scale Antennas. *IEEE Transactions on Wireless Communications*, **2021**, 1-1 9.6
- 1 Low-Latency and Energy-Efficient Wireless Communications with Energy Harvesting. *IEEE Transactions on Wireless Communications*, **2021**, 1-1 9.6