

Oswaldo Simeone

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2345836/publications.pdf>

Version: 2024-02-01

364
papers

13,009
citations

50276

46
h-index

30087

103
g-index

366
all docs

366
docs citations

366
times ranked

8130
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-Cell MIMO Cooperative Networks: A New Look at Interference. IEEE Journal on Selected Areas in Communications, 2010, 28, 1380-1408.	14.0	1,394
2	Energy Harvesting Wireless Communications: A Review of Recent Advances. IEEE Journal on Selected Areas in Communications, 2015, 33, 360-381.	14.0	777
3	Mobile Edge Computing via a UAV-Mounted Cloudlet: Optimization of Bit Allocation and Path Planning. IEEE Transactions on Vehicular Technology, 2018, 67, 2049-2063.	6.3	597
4	5G Wireless Network Slicing for eMBB, URLLC, and mMTC: A Communication-Theoretic View. IEEE Access, 2018, 6, 55765-55779.	4.2	582
5	Spectrum Leasing to Cooperating Secondary Ad Hoc Networks. IEEE Journal on Selected Areas in Communications, 2008, 26, 203-213.	14.0	502
6	Reconfigurable Intelligent Surfaces vs. Relaying: Differences, Similarities, and Performance Comparison. IEEE Open Journal of the Communications Society, 2020, 1, 798-807.	6.9	445
7	A Very Brief Introduction to Machine Learning With Applications to Communication Systems. IEEE Transactions on Cognitive Communications and Networking, 2018, 4, 648-664.	7.9	329
8	Stable Throughput of Cognitive Radios With and Without Relaying Capability. IEEE Transactions on Communications, 2007, 55, 2351-2360.	7.8	314
9	Energy-Efficient Resource Allocation for Mobile Edge Computing-Based Augmented Reality Applications. IEEE Wireless Communications Letters, 2017, 6, 398-401.	5.0	279
10	Joint Precoding and Multivariate Backhaul Compression for the Downlink of Cloud Radio Access Networks. IEEE Transactions on Signal Processing, 2013, 61, 5646-5658.	5.3	270
11	Robust and Efficient Distributed Compression for Cloud Radio Access Networks. IEEE Transactions on Vehicular Technology, 2013, 62, 692-703.	6.3	238
12	Distributed synchronization in wireless networks. IEEE Signal Processing Magazine, 2008, 25, 81-97.	5.6	214
13	Fronthaul Compression for Cloud Radio Access Networks: Signal processing advances inspired by network information theory. IEEE Signal Processing Magazine, 2014, 31, 69-79.	5.6	181
14	Pilot-Based Channel Estimation for OFDM Systems by Tracking the Delay-Subspace. IEEE Transactions on Wireless Communications, 2004, 3, 315-325.	9.2	176
15	Joint Optimization of Cloud and Edge Processing for Fog Radio Access Networks. IEEE Transactions on Wireless Communications, 2016, 15, 7621-7632.	9.2	172
16	On the Transfer of Information and Energy in Multi-User Systems. IEEE Communications Letters, 2012, 16, 1733-1736.	4.1	159
17	Cloud radio access network: Virtualizing wireless access for dense heterogeneous systems. Journal of Communications and Networks, 2016, 18, 135-149.	2.6	152
18	Memristorsâ€”From In-Memory Computing, Deep Learning Acceleration, and Spiking Neural Networks to the Future of Neuromorphic and Bio-Inspired Computing. Advanced Intelligent Systems, 2020, 2, 2000085.	6.1	143

#	ARTICLE	IF	CITATIONS
19	Downlink Multicell Processing with Limited-Backhaul Capacity. Eurasip Journal on Advances in Signal Processing, 2009, 2009, .	1.7	132
20	Cooperative Multicell Zero-Forcing Beamforming in Cellular Downlink Channels. IEEE Transactions on Information Theory, 2009, 55, 3206-3219.	2.4	123
21	Medium Access Control Protocols for Wireless Sensor Networks with Energy Harvesting. IEEE Transactions on Communications, 2012, 60, 1381-1389.	7.8	123
22	Local Base Station Cooperation Via Finite-Capacity Links for the Uplink of Linear Cellular Networks. IEEE Transactions on Information Theory, 2009, 55, 190-204.	2.4	122
23	Robust Layered Transmission and Compression for Distributed Uplink Reception in Cloud Radio Access Networks. IEEE Transactions on Vehicular Technology, 2014, 63, 204-216.	6.3	117
24	Privacy for Free: Wireless Federated Learning via Uncoded Transmission With Adaptive Power Control. IEEE Journal on Selected Areas in Communications, 2021, 39, 170-185.	14.0	117
25	Fog-Aided Wireless Networks for Content Delivery: Fundamental Latency Tradeoffs. IEEE Transactions on Information Theory, 2017, 63, 6650-6678.	2.4	114
26	Harnessing cloud and edge synergies: toward an information theory of fog radio access networks. , 2016, 54, 44-50.		100
27	Interactive Joint Transfer of Energy and Information. IEEE Transactions on Communications, 2013, 61, 2086-2097.	7.8	91
28	Cooperation and Cognitive Radio. , 2007, , .		89
29	Distributed Time Synchronization in Wireless Sensor Networks with Coupled Discrete-Time Oscillators. Eurasip Journal on Wireless Communications and Networking, 2007, 2007, 1.	2.4	85
30	Energy efficiency of non-collaborative and collaborative Hybrid-ARQ protocols. IEEE Transactions on Wireless Communications, 2009, 8, 326-335.	9.2	85
31	Reliable Transmission of Short Packets Through Queues and Noisy Channels Under Latency and Peak-Age Violation Guarantees. IEEE Journal on Selected Areas in Communications, 2019, 37, 721-734.	14.0	83
32	Cloud-aided wireless networks with edge caching: Fundamental latency trade-offs in fog Radio Access Networks. , 2016, , .		79
33	LDM Versus FDM/TDM for Unequal Error Protection in Terrestrial Broadcasting Systems: An Information-Theoretic View. IEEE Transactions on Broadcasting, 2015, 61, 571-579.	3.2	76
34	Cache aided wireless networks: Tradeoffs between storage and latency. , 2016, , .		68
35	A Brief Introduction to Machine Learning for Engineers. Foundations and Trends in Signal Processing, 2018, 12, 200-431.	18.0	65
36	Online Edge Caching and Wireless Delivery in Fog-Aided Networks With Dynamic Content Popularity. IEEE Journal on Selected Areas in Communications, 2018, 36, 1189-1202.	14.0	64

#	ARTICLE	IF	CITATIONS
37	Cooperative Wireless Cellular Systems: An Information-Theoretic View. Foundations and Trends in Communications and Information Theory, 2011, 8, 1-177.	3.1	62
38	Wireless Federated Distillation for Distributed Edge Learning with Heterogeneous Data. , 2019, , .		62
39	Mobile cloud computing with a UAV-mounted cloudlet: optimal bit allocation for communication and computation. IET Communications, 2017, 11, 969-974.	2.2	60
40	Cooperative ARQ via auction-based spectrum leasing. IEEE Transactions on Communications, 2010, 58, 1843-1856.	7.8	58
41	CTH11-2: Distributed Multi-Cell Zero-Forcing Beamforming in Cellular Downlink Channels. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	57
42	Compound Multiple-Access Channels With Partial Cooperation. IEEE Transactions on Information Theory, 2009, 55, 2425-2441.	2.4	56
43	Private and Secure Distributed Matrix Multiplication With Flexible Communication Load. IEEE Transactions on Information Forensics and Security, 2020, 15, 2722-2734.	6.9	55
44	Learning to Demodulate From Few Pilots via Offline and Online Meta-Learning. IEEE Transactions on Signal Processing, 2021, 69, 226-239.	5.3	54
45	Joint Decompression and Decoding for Cloud Radio Access Networks. IEEE Signal Processing Letters, 2013, 20, 503-506.	3.6	52
46	An Introduction to Probabilistic Spiking Neural Networks: Probabilistic Models, Learning Rules, and Applications. IEEE Signal Processing Magazine, 2019, 36, 64-77.	5.6	51
47	Semantic-Effectiveness Filtering and Control for Post-5G Wireless Connectivity. Journal of the Indian Institute of Science, 2020, 100, 435-443.	1.9	51
48	Full-Duplex Cloud Radio Access Networks: An Information-Theoretic Viewpoint. IEEE Wireless Communications Letters, 2014, 3, 413-416.	5.0	49
49	Dynamic Compression-Transmission for Energy-Harvesting Multihop Networks With Correlated Sources. IEEE/ACM Transactions on Networking, 2014, 22, 1729-1741.	3.8	47
50	Joint Signal and Channel State Information Compression for the Backhaul of Uplink Network MIMO Systems. IEEE Transactions on Wireless Communications, 2014, 13, 1555-1567.	9.2	47
51	Beamforming Design for Joint Localization and Data Transmission in Distributed Antenna System. IEEE Transactions on Vehicular Technology, 2015, 64, 62-76.	6.3	47
52	Decentralized Federated Learning via SGD over Wireless D2D Networks. , 2020, , .		47
53	Interference channel with a relay: Models, relaying strategies, bounds. , 2009, , .		46
54	Joint Uplink/Downlink Optimization for Backhaul-Limited Mobile Cloud Computing With User Scheduling. IEEE Transactions on Signal and Information Processing Over Networks, 2017, 3, 787-802.	2.8	46

#	ARTICLE	IF	CITATIONS
55	Multislot estimation of fast-varying space-time communication channels. IEEE Transactions on Signal Processing, 2003, 51, 1184-1195.	5.3	44
56	Detecting the Number of Transmit Antennas with Unauthorized or Cognitive Receivers in MIMO Systems. , 2007, , .		44
57	Joint optimization of cloud and edge processing for fog radio access networks. , 2016, , .		44
58	Robust Transmission and Interference Management For Femtocells with Unreliable Network Access. IEEE Journal on Selected Areas in Communications, 2010, 28, 1469-1478.	14.0	43
59	Femtocell as a Relay: An Outage Analysis. IEEE Transactions on Wireless Communications, 2011, 10, 4204-4213.	9.2	43
60	Energy Management Policies for Energy-Neutral Source-Channel Coding. IEEE Transactions on Communications, 2012, 60, 2668-2678.	7.8	43
61	Linear Precoding and Equalization for Network MIMO With Partial Cooperation. IEEE Transactions on Vehicular Technology, 2012, 61, 2083-2096.	6.3	43
62	Constrained Codes for Joint Energy and Information Transfer. IEEE Transactions on Communications, 2014, 62, 2121-2131.	7.8	42
63	From Learning to Meta-Learning: Reduced Training Overhead and Complexity for Communication Systems. , 2020, , .		42
64	Fronthaul Compression and Precoding Design for C-RANs Over Ergodic Fading Channels. IEEE Transactions on Vehicular Technology, 2016, 65, 5022-5032.	6.3	41
65	Channel Estimation for MIMO-OFDM Systems by Modal Analysis/Filtering. IEEE Transactions on Communications, 2006, 54, 2062-2074.	7.8	40
66	Interference Channel With an Out-of-Band Relay. IEEE Transactions on Information Theory, 2011, 57, 2746-2764.	2.4	40
67	Linear and Nonlinear Preequalization/Equalization for MIMO Systems With Long-Term Channel State Information at the Transmitter. IEEE Transactions on Wireless Communications, 2004, 3, 373-378.	9.2	39
68	Wireless Secrecy in Cellular Systems With Infrastructure-Aided Cooperation. IEEE Transactions on Information Forensics and Security, 2009, 4, 242-256.	6.9	39
69	Non-Orthogonal Multiplexing of Ultra-Reliable and Broadband Services in Fog-Radio Architectures. IEEE Access, 2019, 7, 13035-13049.	4.2	38
70	Uplink Throughput of TDMA Cellular Systems with Multicell Processing and Amplify-and-Forward Cooperation Between Mobiles. IEEE Transactions on Wireless Communications, 2007, 6, 2942-2951.	9.2	37
71	Asymptotic Analysis of Reduced-Feedback Strategies for MIMO Gaussian Broadcast Channels. IEEE Transactions on Information Theory, 2008, 54, 1308-1316.	2.4	34
72	Secure Communications via Cooperating Base Stations. IEEE Communications Letters, 2008, 12, 188-190.	4.1	33

#	ARTICLE	IF	CITATIONS
73	Inter-Cluster Design of Precoding and Fronthaul Compression for Cloud Radio Access Networks. IEEE Wireless Communications Letters, 2014, 3, 369-372.	5.0	33
74	Random Access in C-RAN for User Activity Detection With Limited-Capacity Fronthaul. IEEE Signal Processing Letters, 2017, 24, 17-21.	3.6	33
75	Modulation classification of MIMO-OFDM signals by Independent Component Analysis and Support Vector Machines. , 2011, , .		32
76	On the Trade-Off Between Computational Load and Reliability for Network Function Virtualization. IEEE Communications Letters, 2017, 21, 1767-1770.	4.1	32
77	Beyond Max-SNR: Joint Encoding for Reconfigurable Intelligent Surfaces. , 2020, , .		32
78	Packet-wise vertical handover for unlicensed multi-standard spectrum access with cognitive radios. IEEE Transactions on Wireless Communications, 2008, 7, 5172-5176.	9.2	31
79	Federated Learning Over Wireless Device-to-Device Networks: Algorithms and Convergence Analysis. IEEE Journal on Selected Areas in Communications, 2021, 39, 3723-3741.	14.0	31
80	Cellular Systems with Full-Duplex Amplify-and-Forward Relaying and Cooperative Base-Stations. , 2007, , .		30
81	The Effect of Imperfect Channel Knowledge on a MIMO System with Interference. IEEE Transactions on Communications, 2012, 60, 2221-2229.	7.8	30
82	Meta-Learning to Communicate: Fast End-to-End Training for Fading Channels. , 2020, , .		30
83	Spectrum Leasing via Cooperation for Enhanced Physical-Layer Secrecy. , 2011, , .		29
84	On Codebook Information for Interference Relay Channels With Out-of-Band Relaying. IEEE Transactions on Information Theory, 2011, 57, 2880-2888.	2.4	29
85	Energy Management Policies for Passive RFID Sensors with RF-Energy Harvesting. , 2010, , .		28
86	Inter-layer per-flow mobile optimization of cloud mobile computing: a message-passing approach. Transactions on Emerging Telecommunications Technologies, 2016, 27, 814-827.	3.9	28
87	Multiple Multicasts With the Help of a Relay. IEEE Transactions on Information Theory, 2010, 56, 6142-6158.	2.4	27
88	Sum-Rate of MIMO Broadcast Channels with One Bit Feedback. , 2006, , .		26
89	Spectrum Leasing via Cooperation With Multiple Primary Users. IEEE Transactions on Vehicular Technology, 2012, 61, 820-825.	6.3	26
90	Multiple Access Channels With States Causally Known at Transmitters. IEEE Transactions on Information Theory, 2013, 59, 1394-1404.	2.4	26

#	ARTICLE	IF	CITATIONS
91	Hypergraph-Based Analysis of Clustered Co-Operative Beamforming With Application to Edge Caching. IEEE Wireless Communications Letters, 2016, 5, 84-87.	5.0	26
92	Throughput of Low-Power Cellular Systems With Collaborative Base Stations and Relaying. IEEE Transactions on Information Theory, 2008, 54, 459-467.	2.4	25
93	Distributed MIMO in multi-cell wireless systems via finite-capacity links. , 2008, , .		25
94	Robust Communication via Decentralized Processing With Unreliable Backhaul Links. IEEE Transactions on Information Theory, 2011, 57, 4187-4201.	2.4	25
95	Joint cloud and edge processing for latency minimization in Fog Radio Access Networks. , 2016, , .		25
96	Multihop Backhaul Compression for the Uplink of Cloud Radio Access Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 3185-3199.	6.3	25
97	Reliable and Low-Latency Fronthaul for Tactile Internet Applications. IEEE Journal on Selected Areas in Communications, 2018, 36, 2455-2463.	14.0	25
98	On Model Coding for Distributed Inference and Transmission in Mobile Edge Computing Systems. IEEE Communications Letters, 2019, 23, 1065-1068.	4.1	25
99	Lower Bound on Training-Based Channel Estimation Error for Frequency-Selective Block-Fading Rayleigh MIMO Channels. IEEE Transactions on Signal Processing, 2004, 52, 3265-3277.	5.3	24
100	Performance Analysis of Collaborative Hybrid-ARQ Incremental Redundancy Protocols Over Fading Channels. , 2006, , .		24
101	Spectrum Leasing via Distributed Cooperation in Cognitive Radio. , 2008, , .		23
102	Cloud Radio-Multistatic Radar: Joint Optimization of Code Vector and Backhaul Quantization. IEEE Signal Processing Letters, 2015, 22, 494-498.	3.6	23
103	Non-Orthogonal Unicast and Broadcast Transmission via Joint Beamforming and LDM in Cellular Networks. , 2016, , .		23
104	Joint Design of Fronthauling and Hybrid Beamforming for Downlink C-RAN Systems. IEEE Transactions on Communications, 2019, 67, 4423-4434.	7.8	23
105	Minimizing Latency to Support VR Social Interactions Over Wireless Cellular Systems via Bandwidth Allocation. IEEE Wireless Communications Letters, 2018, 7, 776-779.	5.0	22
106	Cognitive Access Policies under a Primary ARQ Process via Forward-Backward Interference Cancellation. IEEE Journal on Selected Areas in Communications, 2013, 31, 2374-2386.	14.0	21
107	Online Supervised Learning for Traffic Load Prediction in Framed-ALOHA Networks. IEEE Communications Letters, 2019, 23, 1778-1782.	4.1	21
108	End-to-End Fast Training of Communication Links Without a Channel Model via Online Meta-Learning. , 2020, , .		20

#	ARTICLE	IF	CITATIONS
109	Multislot estimation of frequency-selective fast-varying channels. IEEE Transactions on Communications, 2003, 51, 1337-1347.	7.8	19
110	On the Energy Efficiency of Hybrid-ARQ Protocols in Fading Channels. , 2007, , .		19
111	The Cognitive Multiple Access Wire-Tap Channel. , 2009, , .		19
112	Interference Channel aided by an Infrastructure Relay. , 2009, , .		19
113	Spectrum Leasing via Cooperative Opportunistic Routing Techniques. IEEE Transactions on Wireless Communications, 2011, 10, 2960-2970.	9.2	19
114	Ergodic and Outage Performance of Fading Broadcast Channels With 1-Bit Feedback. IEEE Transactions on Vehicular Technology, 2010, 59, 1282-1293.	6.3	18
115	Optimality of myopic scheduling and whittle indexability for energy harvesting sensors. , 2012, , .		18
116	Spiking Neural Networksâ€”Part II: Detecting Spatio-Temporal Patterns. IEEE Communications Letters, 2021, 25, 1741-1745.	4.1	18
117	Cognitive Radio with Secondary Packet-By-Packet Vertical Handover. , 2008, , .		17
118	Throughput of Cellular Systems with Conferencing Mobiles and Cooperative Base Stations. Eurasip Journal on Wireless Communications and Networking, 2008, 2008, .	2.4	17
119	Dynamic Framed-ALOHA for Energy-Constrained Wireless Sensor Networks with Energy Harvesting. , 2010, , .		17
120	Cellular Systems with Non-Regenerative Relaying and Cooperative Base Stations. IEEE Transactions on Wireless Communications, 2010, 9, 2654-2663.	9.2	17
121	Heegardâ€™Berger and Cascade Source Coding Problems With Common Reconstruction Constraints. IEEE Transactions on Information Theory, 2013, 59, 1458-1474.	2.4	17
122	Robust Uplink Communications over Fading Channels with Variable Backhaul Connectivity. IEEE Transactions on Wireless Communications, 2013, 12, 5788-5799.	9.2	17
123	Non-Orthogonal Unicast and Broadcast Transmission via Joint Beamforming and LDM in Cellular Networks. IEEE Transactions on Broadcasting, 2020, 66, 216-228.	3.2	17
124	How Much Can D2D Communication Reduce Content Delivery Latency in Fog Networks With Edge Caching?. IEEE Transactions on Communications, 2020, 68, 2308-2323.	7.8	17
125	Joint multi-cell processing for downlink channels with limited-capacity backhaul. , 2008, , .		16
126	On the impact of limited-capacity backhaul and inter-users links in cooperative multicell networks. , 2008, , .		16

#	ARTICLE	IF	CITATIONS
127	Gaussian Interference Channel Aided by a Relay with Out-of-Band Reception and In-Band Transmission. IEEE Transactions on Communications, 2011, 59, 2976-2981.	7.8	16
128	HARQ Buffer Management: An Information-Theoretic View. IEEE Transactions on Communications, 2015, 63, 4539-4550.	7.8	16
129	Multivariate Fronthaul Quantization for Downlink C-RAN. IEEE Transactions on Signal Processing, 2016, 64, 5025-5037.	5.3	16
130	Layered Downlink Precoding for C-RAN Systems With Full Dimensional MIMO. IEEE Transactions on Vehicular Technology, 2017, 66, 2170-2182.	6.3	16
131	Cloud-Aided Edge Caching with Wireless Multicast Fronthauling in Fog Radio Access Networks. , 2017, , .		16
132	Online edge caching in fog-aided wireless networks. , 2017, , .		16
133	Multi-Tenant C-RAN With Spectrum Pooling: Downlink Optimization Under Privacy Constraints. IEEE Transactions on Vehicular Technology, 2018, 67, 10492-10503.	6.3	16
134	Cooperative Deep Reinforcement Learning for Multiple-group NB-IoT Networks Optimization. , 2019, , .		16
135	Information and Energy Flows in Graphical Networks with Energy Transfer and Reuse. IEEE Wireless Communications Letters, 2013, 2, 371-374.	5.0	15
136	Code-Aided Channel Tracking and Decoding Over Sparse Fast-Fading Multipath Channels With an Application to Train Backbone Networks. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 481-492.	8.0	15
137	Optimization of Massive Full-Dimensional MIMO for Positioning and Communication. IEEE Transactions on Wireless Communications, 2018, 17, 6205-6217.	9.2	15
138	Adaptive Coding and Channel Shaping Through Reconfigurable Intelligent Surfaces: An Information-Theoretic Analysis. IEEE Transactions on Communications, 2021, 69, 7320-7334.	7.8	15
139	Energy group-based dynamic framed ALOHA for wireless networks with energy harvesting. , 2012, , .		14
140	Uplink HARQ for Cloud RAN via Separation of Control and Data Planes. IEEE Transactions on Vehicular Technology, 2017, 66, 4005-4016.	6.3	14
141	Optimizing Pipelined Computation and Communication for Latency-Constrained Edge Learning. IEEE Communications Letters, 2019, 23, 1542-1546.	4.1	14
142	Fundamental Limits of Cloud and Cache-Aided Interference Management With Multi-Antenna Edge Nodes. IEEE Transactions on Information Theory, 2019, 65, 5197-5214.	2.4	14
143	Learning How to Demodulate from Few Pilots via Meta-Learning. , 2019, , .		14
144	Learning-based Physical Layer Communications for Multiagent Collaboration. , 2019, , .		14

#	ARTICLE	IF	CITATIONS
145	Stability analysis of a cognitive multiple access channel with primary QoS constraints. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .	0.0	13
146	Physical-layer distributed synchronization in wireless networks and applications. Physical Communication, 2008, 1, 67-83.	2.1	13
147	Cellular systems with full-duplex compress-and-forward relaying and cooperative base stations. , 2008, , .		13
148	On the capacity region of a multiple access channel with common messages. , 2010, , .		13
149	Modulation Classification via Gibbs Sampling Based on a Latent Dirichlet Bayesian Network. IEEE Signal Processing Letters, 2014, 21, 1135-1139.	3.6	13
150	Improved Latency-communication Trade-off for Map-shuffle-reduce Systems with Stragglers. , 2019, , .		13
151	Information-Theoretic Generalization Bounds for Meta-Learning and Applications. Entropy, 2021, 23, 126.	2.2	13
152	Collaborative Cloud and Edge Mobile Computing in C-RAN Systems With Minimal End-to-End Latency. IEEE Transactions on Signal and Information Processing Over Networks, 2021, 7, 259-274.	2.8	13
153	Fast Power Control Adaptation via Meta-Learning for Random Edge Graph Neural Networks. , 2021, , .		13
154	Interference Spins: Scheduling of Multiple Interfering Two-Way Wireless Links. IEEE Communications Letters, 2015, 19, 387-390.	4.1	12
155	Control-Data Separation With Decentralized Edge Control in Fog-Assisted Uplink Communications. IEEE Transactions on Wireless Communications, 2018, 17, 3686-3696.	9.2	12
156	Coded Computation Against Processing Delays for Virtualized Cloud-Based Channel Decoding. IEEE Transactions on Communications, 2019, 67, 28-38.	7.8	12
157	Adaptive Offline and Online Similarity-Based Caching. IEEE Networking Letters, 2020, 2, 175-179.	1.9	12
158	LAGC: Lazily Aggregated Gradient Coding for Straggler-Tolerant and Communication-Efficient Distributed Learning. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 962-974.	11.3	12
159	Multiscale Wavelet Transfer Entropy With Application to Corticomuscular Coupling Analysis. IEEE Transactions on Biomedical Engineering, 2022, 69, 771-782.	4.2	12
160	Meta-ViterbiNet: Online Meta-Learned Viterbi Equalization for Non-Stationary Channels. , 2021, , .		12
161	Prediction of mmWave/THz Link Blockages Through Meta-Learning and Recurrent Neural Networks. IEEE Wireless Communications Letters, 2021, 10, 2815-2819.	5.0	12
162	Federated Neuromorphic Learning of Spiking Neural Networks for Low-Power Edge Intelligence. , 2020, , .		12

#	ARTICLE	IF	CITATIONS
163	Achievable Rates of Multi-Hop and Cooperative MIMO Amplify-and-Forward Relay Systems with Full CSI. , 2006, , .		11
164	Cognitive Relaying and Opportunistic Spectrum Sensing in Unlicensed Multiple Access Channels. , 2008, , .		11
165	Throughput and Energy Efficiency of Opportunistic Routing with Type-I HARQ in Linear Multihop Networks. , 2010, , .		11
166	Optimal cognitive transmission exploiting redundancy in the primary ARQ process. , 2011, , .		11
167	Energy-Efficient Sensing and Communication of Parallel Gaussian Sources. IEEE Transactions on Communications, 2012, 60, 3826-3835.	7.8	11
168	Cloud RAN and edge caching: Fundamental performance trade-offs. , 2016, , .		11
169	Coded Computing and Cooperative Transmission for Wireless Distributed Matrix Multiplication. IEEE Transactions on Communications, 2021, 69, 2224-2239.	7.8	11
170	Towards a joint optimization of scheduling and beamforming for MIMO downlink. , 2006, , .		10
171	Outage Capacity of Two-Phase Space-Time Coded Cooperative Multicasting. , 2006, , .		10
172	Stability analysis of the cognitive interference channel. , 2006, , .		10
173	Enhancing uplink throughput via local base station cooperation. , 2008, , .		10
174	Three-user Gaussian multiple access channel with partially cooperating encoders. , 2008, , .		10
175	Robust distributed compression for cloud radio access networks. , 2012, , .		10
176	Fundamental Limits on Latency in Small-Cell Caching Systems: An Information-Theoretic Analysis. , 2016, , .		10
177	End-to-end Learning of Waveform Generation and Detection for Radar Systems. , 2019, , .		10
178	Joint Source-Channel Coding for Semantics-Aware Grant-Free Radio Access in IoT Fog Networks. IEEE Signal Processing Letters, 2021, 28, 728-732.	3.6	10
179	Multislot estimation of fast-varying space-time channels in TD-CDMA systems. IEEE Communications Letters, 2002, 6, 376-378.	4.1	9
180	Low-SNR analysis of cellular systems with cooperative base stations and mobiles. , 2006, , .		9

#	ARTICLE	IF	CITATIONS
181	Information-theoretic implications of constrained cooperation in simple cellular models. , 2008, , .		9
182	Throughput analysis of type-I HARQ strategies in Two-Way Relay Channels. , 2009, , .		9
183	An Auction-Based Incentive Mechanism for Non-Altruistic Cooperative ARQ via Spectrum-Leasing. , 2009, , .		9
184	Energy-neutral source-channel coding in energy-harvesting wireless sensors. , 2011, , .		9
185	Cognitive transmissions under a primary ARQ process via backward interference cancellation. , 2011, , .		9
186	Multihop backhaul compression for the uplink of cloud radio access networks. , 2014, , .		9
187	Performance evaluation of multiterminal backhaul compression for cloud radio access networks. , 2014, , .		9
188	Positioning via direct localisation in Câ€œRAN systems. IET Communications, 2016, 10, 2238-2244.	2.2	9
189	Information-Centric Grant-Free Access for IoT Fog Networks: Edge vs. Cloud Detection and Learning. IEEE Transactions on Wireless Communications, 2020, 19, 6347-6361.	9.2	9
190	Free Energy Minimization: A Unified Framework for Modeling, Inference, Learning, and Optimization [Lecture Notes]. IEEE Signal Processing Magazine, 2021, 38, 120-125.	5.6	9
191	Spiking Neural Networksâ€™Part III: Neuromorphic Communications. IEEE Communications Letters, 2021, 25, 1746-1750.	4.1	9
192	Federated Generalized Bayesian Learning via Distributed Stein Variational Gradient Descent. IEEE Transactions on Signal Processing, 2022, 70, 2180-2192.	5.3	9
193	Combined linear pre-equalization and BLAST equalization with channel correlation feedback. IEEE Communications Letters, 2003, 7, 487-489.	4.1	8
194	Linear and non-linear precoding/decoding for MIMO systems using the fading correlation at the transmitter. , 0, , .		8
195	Sum-Rate Analysis of General OFDM Downlink Channels with 1-bit Feedback per Sub-Carrier. , 2006, , .		8
196	A Game-Theoretic View on the Interference Channel with Random Access. , 2007, , .		8
197	Cooperation and coordination in cognitive networks with packet retransmission. , 2009, , .		8
198	Robust coding for lossy computing with receiver-side observation costs. , 2011, , .		8

#	ARTICLE	IF	CITATIONS
199	Non-convex utility maximization in Gaussian MISO broadcast and interference channels. , 2011, , .		8
200	Two-way communication with energy exchange. , 2012, , .		8
201	On channels with action-dependent states. , 2012, , .		8
202	Lossy computing of correlated sources with fractional sampling. , 2012, , .		8
203	Joint interference alignment and bi-directional scheduling for MIMO two-way multi-link networks. , 2015, , .		8
204	Optimization of multistatic cloud radar with multiple-access wireless backhaul. , 2015, , .		8
205	Multistatic cloud radar systems: joint sensing and communication design. Transactions on Emerging Telecommunications Technologies, 2016, 27, 716-730.	3.9	8
206	Optimal Fronthaul Quantization for Cloud Radio Positioning. IEEE Transactions on Vehicular Technology, 2016, 65, 2763-2768.	6.3	8
207	Delivery Latency Trade-Offs of Heterogeneous Contents in Fog Radio Access Networks. , 2017, , .		8
208	Content Delivery in Fog-Aided Small-Cell Systems with Offline and Online Caching: An Informationâ€™Theoretic Analysis. Entropy, 2017, 19, 366.	2.2	8
209	Online Reinforcement Learning of X-Haul Content Delivery Mode in Fog Radio Access Networks. IEEE Signal Processing Letters, 2019, 26, 1451-1455.	3.6	8
210	AI-Based Channel Prediction in D2D Links: An Empirical Validation. IEEE Access, 2022, 10, 65459-65472.	4.2	8
211	How Many Bits of Feedback is Multiuser Diversity Worth in MIMO Downlink?. , 2006, , .		7
212	Capacity region of wireless ad hoc networks using opportunistic collaborative communications. , 2006, , .		7
213	Adaptive Array Processing for Time-Varying Interference Mitigation in IEEE 802.16 Systems. , 2006, , .		7
214	Detecting Primary Transmitters via Cooperation and Memory in Cognitive Radio. , 2007, , .		7
215	A Comparison of Opportunistic Transmission Schemes with Reduced Channel Information Feedback in OFDMA Downlink. , 2007, , .		7
216	The two-tap input-erasure Gaussian channel and its application to cellular communications. , 2008, , .		7

#	ARTICLE	IF	CITATIONS
217	Distributed MIMO Systems for Nomadic Applications Over a Symmetric Interference Channel. IEEE Transactions on Information Theory, 2009, 55, 5558-5574.	2.4	7
218	On the Optimal Scheduling of Independent, Symmetric and Time-Sensitive Tasks. IEEE Transactions on Automatic Control, 2013, 58, 2421-2425.	5.7	7
219	Distributed and Cascade Lossy Source Coding With a Side Information "Vending Machine". IEEE Transactions on Information Theory, 2013, 59, 6807-6819.	2.4	7
220	Joint Design of Radar Waveform and Detector via End-to-End Learning With Waveform Constraints. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 552-567.	4.7	7
221	Single-RF Multi-User Communication Through Reconfigurable Intelligent Surfaces: An Information-Theoretic Analysis. , 2021, , .		7
222	End-to-End Learning of Neuromorphic Wireless Systems for Low-Power Edge Artificial Intelligence. , 2020, , .		7
223	Performance of multi-relay collaborative hybrid-ARQ protocols over fading channels. IEEE Communications Letters, 2006, 10, 522-524.	4.1	6
224	On the optimal number of hops in linear wireless ad hoc networks with hybrid ARQ. , 2008, , .		6
225	Throughput of cellular uplink with dynamic user activity and cooperative base-stations. , 2009, , .		6
226	Protocol Coding for Two-Way Communications with Half-Duplex Constraints. , 2010, , .		6
227	On exploiting the interference structure for reliable communications. , 2010, , .		6
228	Linear MMSE Precoding and Equalization for Network MIMO with Partial Cooperation. , 2011, , .		6
229	Source Coding When the Side Information May Be Delayed. IEEE Transactions on Information Theory, 2013, 59, 3607-3618.	2.4	6
230	Information embedding on actions. , 2013, , .		6
231	Topology Discovery for Linear Wireless Networks With Application to Train Backbone Inauguration. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 2159-2170.	8.0	6
232	Multivariate fronthaul quantization for C-RAN downlink: Channel-adaptive joint quantization in the cloud. , 2016, , .		6
233	Learning Algorithms and Signal Processing for Brain-Inspired Computing [From the Guest Editors]. IEEE Signal Processing Magazine, 2019, 36, 12-15.	5.6	6
234	Robust Baseband Compression Against Congestion in Packet-Based Fronthaul Networks Using Multiple Description Coding. Entropy, 2019, 21, 433.	2.2	6

#	ARTICLE	IF	CITATIONS
235	Learning First-to-Spike Policies for Neuromorphic Control Using Policy Gradients. , 2019, , .		6
236	BiSNN: Training Spiking Neural Networks with Binary Weights via Bayesian Learning. , 2021, , .		6
237	Distributed timing synchronization for sensor networks with coupled discrete-time oscillators. , 2006, , .		5
238	"Small-world" effects of shadowing in pulse-coupled distributed time synchronization. IEEE Communications Letters, 2007, 11, 282-284.	4.1	5
239	Relaying simultaneous multicasts via structured codes. , 2009, , .		5
240	Robust communication against femtocell access failures. , 2009, , .		5
241	An Information-Theoretic View of Spectrum Leasing via Secondary Cooperation. , 2010, , .		5
242	Efficient Spectrum Leasing via Randomized Silencing of Secondary Users. IEEE Transactions on Wireless Communications, 2010, 9, 3739-3749.	9.2	5
243	Spectrum Leasing Via Cooperative Interference Forwarding. IEEE Transactions on Vehicular Technology, 2013, 62, 1367-1372.	6.3	5
244	Information Embedding on Actions. IEEE Transactions on Information Theory, 2014, 60, 6902-6916.	2.4	5
245	Cascade Source Coding With a Side Information Vending Machine. IEEE Transactions on Information Theory, 2014, 60, 6888-6901.	2.4	5
246	Pipelined Fronthaul-Edge Content Delivery in Fog Radio Access Networks. , 2016, , .		5
247	Blind Sparse Estimation of Intermittent Sources Over Unknown Fading Channels. IEEE Transactions on Vehicular Technology, 2019, 68, 9861-9871.	6.3	5
248	Training Dynamic Exponential Family Models with Causal and Lateral Dependencies for Generalized Neuromorphic Computing. , 2019, , .		5
249	Multi-Cell Mobile Edge Coded Computing: Trading Communication and Computing for Distributed Matrix Multiplication. , 2020, , .		5
250	Joint Source-Channel Coding and Bayesian Message Passing Detection for Grant-Free Radio Access in IoT. , 2020, , .		5
251	Training Hybrid Classical-Quantum Classifiers via Stochastic Variational Optimization. IEEE Signal Processing Letters, 2022, 29, 977-981.	3.6	5
252	Pulse-coupled distributed PLLs in heterogeneous wireless networks. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .	0.0	4

#	ARTICLE	IF	CITATIONS
253	Optimal Design of a Multi-Antenna Access Point with Decentralized Power Control Using Game Theory. , 2007, , .		4
254	Uplink sum-rate analysis of a multicell system with feedback. , 2008, , .		4
255	Distributed Frequency-Locked Loops for Wireless Networks. , 2008, , .		4
256	Distributed MIMO systems with oblivious antennas. , 2008, , .		4
257	Compound relay channel with informed relay and destination. , 2009, , .		4
258	Source and channel coding for homogeneous sensor networks with partial cooperation. IEEE Transactions on Wireless Communications, 2009, 8, 1113-1117.	9.2	4
259	On the optimization of two-way AF MIMO relay channel with beamforming. , 2010, , .		4
260	Distributed and cascade lossy source coding with a side information " vending machine". , 2012, , .		4
261	Two-way communication with adaptive data acquisition. , 2013, , .		4
262	Modulation classification for MIMO-OFDM signals via Gibbs sampling. , 2015, , .		4
263	Time-Asynchronous Robust Cooperative Transmission for the Downlink of C-RAN. IEEE Signal Processing Letters, 2016, 23, 1444-1448.	3.6	4
264	Joint uplink/downlink and offloading optimization for mobile cloud computing with limited backhaul. , 2016, , .		4
265	Optimal fronthaul compression for synchronization in the uplink of cloud radio access networks. Eurasip Journal on Wireless Communications and Networking, 2017, 2017, , .	2.4	4
266	Cloud-Edge Non-Orthogonal Transmission for Fog Networks with Delayed CSI at the Cloud. , 2018, , .		4
267	Inter-Tenant Cooperative Reception for C-RAN Systems With Spectrum Pooling. , 2020, , .		4
268	Fast On-Device Adaptation for Spiking Neural Networks Via Online-Within-Online Meta-Learning. , 2021, , .		4
269	An Information-Theoretic Analysis of the Impact of Task Similarity on Meta-Learning. , 2021, , .		4
270	Transfer Meta-Learning: Information- Theoretic Bounds and Information Meta-Risk Minimization. IEEE Transactions on Information Theory, 2022, 68, 474-501.	2.4	4

#	ARTICLE	IF	CITATIONS
271	Optimal design of linear arrays in a TDMA cellular system with Gaussian interference. , 2005, , .		3
272	On the Sum-Rate of Broadcast Channels with Outdated 1-Bit Feedback. , 2006, , .		3
273	Estimation of block-fading channels with reduced-rank correlation matrix. , 2007, , .		3
274	Capacity of Wireless Ad Hoc Networks with Opportunistic Collaborative Communications. Eurasip Journal on Wireless Communications and Networking, 2007, 2007, 1.	2.4	3
275	Distributed digital locked loops for time/frequency locking in packet-based wireless communication. , 2008, , .		3
276	On the spectrum of large random hermitian finite-band matrices. , 2008, , .		3
277	A broadcast approach to robust communications over unreliable multi-relay networks. , 2009, , .		3
278	Impact of secondary MAC cooperation on spectrum sharing in cognitive radio networks. , 2009, , .		3
279	Relaying simultaneous multicast messages. , 2009, , .		3
280	Energy-harvesting for source-channel coding in cyber-physical systems. , 2011, , .		3
281	Half-duplex gaussian diamond relay channel with interference known at one relay. , 2011, , .		3
282	Leveraging strictly causal state information at the encoders for multiple access channels. , 2011, , .		3
283	Relay Channel with Orthogonal Components and Structured Interference Known at the Source. IEEE Transactions on Communications, 2013, 61, 1277-1289.	7.8	3
284	Lossy Computing of Correlated Sources with Fractional Sampling. IEEE Transactions on Communications, 2013, 61, 3685-3696.	7.8	3
285	Beamforming design for joint localization and data transmission in distributed antenna systems. , 2013, , .		3
286	Source coding with in-block memory and controllable causal side information. , 2013, , .		3
287	Multivariate backhaul compression for the downlink of cloud radio access networks. , 2014, , .		3
288	Guest Editorial: Wireless Communications Powered by Energy Harvesting and Wireless Energy Transfer (Part I). IEEE Journal on Selected Areas in Communications, 2015, 33, 357-359.	14.0	3

#	ARTICLE	IF	CITATIONS
289	Joint source-channel coding with one-bit ADC front end. , 2016, , .		3
290	Control-Data Separation across Edge and Cloud for Uplink Communications in C-RAN. , 2017, , .		3
291	Uplink sum-rate analysis of C-RAN with interconnected radio units. , 2017, , .		3
292	Zero-Delay Source-Channel Coding With a Low-Resolution ADC Front End. IEEE Transactions on Information Theory, 2018, 64, 1241-1261.	2.4	3
293	Soft-TTL: Time-Varying Fractional Caching. IEEE Networking Letters, 2019, 1, 18-21.	1.9	3
294	VOWEL: A Local Online Learning Rule for Recurrent Networks of Probabilistic Spiking Winner- Take-All Circuits. , 2021, , .		3
295	Multisample Online Learning for Probabilistic Spiking Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 2034-2044.	11.3	3
296	Comparison between radiative transfer and ray tracing for indoor propagation. , 2007, , .		2
297	Interference channel with a half-duplex Out-of-Band Relay. , 2010, , .		2
298	Gaussian multiple descriptions with common and constrained reconstruction constraints. , 2012, , .		2
299	On cascade source coding with a side information “vending machine”. , 2012, , .		2
300	Joint base station selection and distributed compression for cloud radio access networks. , 2012, , .		2
301	Joint signal and channel state information compression for uplink network MIMO systems. , 2013, , .		2
302	Degraded Broadcast Diamond Channels With Noncausal State Information at the Source. IEEE Transactions on Information Theory, 2013, 59, 8210-8223.	2.4	2
303	Robust uplink communications over fading channels with variable backhaul connectivity. , 2013, , .		2
304	Multi-layer transmission and hybrid relaying for relay channels with multiple out-of-band relays. Transactions on Emerging Telecommunications Technologies, 2014, 25, 895-904.	3.9	2
305	HARQ buffer management: An information-theoretic view. , 2015, , .		2
306	Joint precoding and fronthaul optimization for C-RANs in ergodic fading channels. , 2015, , .		2

#	ARTICLE	IF	CITATIONS
307	Two-way communication with adaptive data acquisition. Transactions on Emerging Telecommunications Technologies, 2015, 26, 532-546.	3.9	2
308	Zero-delay joint source-channel coding with a 1-bit ADC front end and receiver side information. , 2016, , .		2
309	Cloud-Aided Interference Management with Cache-Enabled Edge Nodes and Users. , 2019, , .		2
310	Spiking Neural Networksâ€”Part I: Detecting Spatial Patterns. IEEE Communications Letters, 2021, 25, 1736-1740.	4.1	2
311	Channel-Driven Monte Carlo Sampling for Bayesian Distributed Learning in Wireless Data Centers. IEEE Journal on Selected Areas in Communications, 2022, 40, 562-577.	14.0	2
312	Interference management via rate splitting and HARQ over time-varying fading channels. , 2009, , .		2
313	A Unified PAC-Bayesian Framework for Machine Unlearning via Information Risk Minimization. , 2021, , .		2
314	Fast Data-Driven Adaptation of Radar Detection via Meta-Learning. , 2021, , .		2
315	Robust Design of Rate-Splitting Multiple Access With Imperfect CSI for Cell-Free MIMO Systems. , 2022, , .		2
316	A Power Allocation Strategy for Multi-Antenna Amplify-and-Forward Fading Relay Channels. , 2006, , .		1
317	Performance Analysis of Collaborative Hybrid-ARQ Protocols over Fading Channels. , 2006, , .		1
318	Information theoretic analysis of multicell decoding and Amplify-and-Forward cooperation between mobiles for TDMA cellular systems. , 2006, , .		1
319	Space-Time Coded Cooperative Multicasting with Maximal Ratio Combining and Incremental Redundancy. , 2007, , .		1
320	Optimal Design of Nonuniform Linear Arrays in Cellular Systems by Out-of-Cell Interference Minimization. Eurasip Journal on Wireless Communications and Networking, 2007, 2007, .	2.4	1
321	Wireless secrecy with infrastructure-aided cooperation. , 2008, , .		1
322	Multirelay channel with non-ergodic link failures. , 2009, , .		1
323	On the throughput region of single and two-way multi-hop fading networks with relay piggybacking. , 2009, , .		1
324	Spectrum leasing via cooperative opportunistic routing. , 2010, , .		1

#	ARTICLE	IF	CITATIONS
325	Outage and Diversity-Multiplexing Trade-Off Analysis of Closed and Open-Access Femtocells. , 2010, , .		1
326	Energy-efficient sensing and communication of parallel Gaussian sources. , 2012, , .		1
327	On the Heegard-Berger problem with common reconstruction constraints. , 2012, , .		1
328	Blahut-Arimoto algorithm and code design for action-dependent source coding problems. , 2013, , .		1
329	Delay-tolerant robust communication on an out-of-band relay channel with fading side information. , 2013, , .		1
330	Multi-layer hybrid-ARQ for an out-of-band relay channel. , 2013, , .		1
331	The state-dependent degraded broadcast diamond channel. , 2013, , .		1
332	Constrained codes for joint energy and information transfer with receiver energy utilization requirements. , 2014, , .		1
333	Lossy compression with privacy constraints: Optimality of polar codes. , 2015, , .		1
334	Signal and interference alignment via message passing for MIMO interference channels. Transactions on Emerging Telecommunications Technologies, 2016, 27, 392-407.	3.9	1
335	Fronthaul Compression in C-RANs. , 0, , 179-199.		1
336	Robust Interference Management via Linear Precoding and Linear/Non-Linear Equalization. Journal of Signal Processing Systems, 2016, 83, 133-149.	2.1	1
337	Fronthaul-Aware Design for Cloud Radio Access Networks. , 2017, , 48-75.		1
338	Introducing Information Measures via Inference [Lecture Notes]. IEEE Signal Processing Magazine, 2018, 35, 167-171.	5.6	1
339	Optimizing Spectrum Pooling for Multi-Tenant C-RAN Under Privacy Constraints. , 2018, , .		1
340	On the interplay between edge caching and HARQ in Fog-RAN. , 2018, , .		1
341	Coded Computation Against Straggling Channel Decoders in the Cloud for Gaussian Channels. , 2020, , .		1
342	Multi-Sample Online Learning for Spiking Neural Networks Based on Generalized Expectation Maximization. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
343	Guest Editorial for Special Issue on Coded Computing. IEEE Journal on Selected Areas in Information Theory, 2021, 2, 813-813.	2.5	1
344	On the Optimal Number of Hops in Linear Wireless Ad Hoc Networks with Hybrid ARQ. , 2008, , .		1
345	Bayesian Variational Federated Learning and Unlearning in Decentralized Networks. , 2021, , .		1
346	Exploiting Partial Cooperation for Source and Channel Coding in Sensor Networks. , 2008, , .		0
347	Compound multiple access channels with conferencing decoders. , 2008, , .		0
348	Distributed processing for wireless networks. Journal of Communications and Networks, 2009, 11, 323-326.	2.6	0
349	Signal Processing-Assisted Protocols and Algorithms for Cooperating Objects and Wireless Sensor Networks. Eurasip Journal on Wireless Communications and Networking, 2010, 2010, .	2.4	0
350	Message and state cooperation in a relay channel when the relay has strictly causal state information. , 2011, , .		0
351	Spectrum leasing via cooperative opportunistic routing in distributed ad hoc networks: Optimal and heuristic policies. , 2011, , .		0
352	Relaying under structured interference. , 2012, , .		0
353	Source coding with delayed side information. , 2012, , .		0
354	On remote radio head selection for the downlink of backhaul constrained network MIMO systems. , 2014, , .		0
355	Guest Editorial: Wireless Communications Powered by Energy Harvesting and Wireless Energy Transfer, Part II. IEEE Journal on Selected Areas in Communications, 2015, 33, 1477-1479.	14.0	0
356	Cooperative Beamforming and Resource Optimization in C-RANs. , 0, , 54-81.		0
357	Training Design and Channel Estimation in C-RANs. , 0, , 82-116.		0
358	Adaptive Compression in C-RANs. , 0, , 200-224.		0
359	Coordinated Scheduling in C-RANs. , 0, , 255-281.		0
360	C-RAN Using Wireless Fronthaul: Fast Admission Control and Large System Analysis. , 0, , 314-346.		0

#	ARTICLE	IF	CITATIONS
361	Latency Limits for Content Delivery in a Fog-RAN with D2D Communication. , 2019, , .		0
362	Transfer Bayesian Meta-Learning Via Weighted Free Energy Minimization. , 2021, , .		0
363	An Information-Theoretic Analysis of the Cost of Decentralization for Learning and Inference under Privacy Constraints. Entropy, 2022, 24, 485.	2.2	0
364	Predicting Flat-Fading Channels via Meta-Learned Closed-Form Linear Filters and Equilibrium Propagation. , 2022, , .		0