

Deniz Gunduz

List of Publications by Year in descending order

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times ranked

4175
citing authors

#	ARTICLE	IF	CITATIONS
1	Metalearning-Based Alternating Minimization Algorithm for Nonconvex Optimization. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 5366-5380.	7.2	14
2	Convergence of Federated Learning Over a Noisy Downlink. IEEE Transactions on Wireless Communications, 2022, 21, 1422-1437.	6.1	29
3	Federated Edge Learning With Misaligned Over-the-Air Computation. IEEE Transactions on Wireless Communications, 2022, 21, 3951-3964.	6.1	25
4	Coded Distributed Computing With Partial Recovery. IEEE Transactions on Information Theory, 2022, 68, 1945-1959.	1.5	10
5	Dynamic Scheduling for Over-the-Air Federated Edge Learning With Energy Constraints. IEEE Journal on Selected Areas in Communications, 2022, 40, 227-242.	9.7	40
6	LIDAR and Position-Aided mmWave Beam Selection With Non-Local CNNs and Curriculum Training. IEEE Transactions on Vehicular Technology, 2022, 71, 2979-2990.	3.9	25
7	Bivariate Polynomial Codes for Secure Distributed Matrix Multiplication. IEEE Journal on Selected Areas in Communications, 2022, 40, 955-967.	9.7	4
8	Guest Editorial Special Issue on Distributed Learning Over Wireless Edge Networks—Part II. IEEE Journal on Selected Areas in Communications, 2022, 40, 445-448.	9.7	0
9	Secure Distributed Matrix Computation With Discrete Fourier Transform. IEEE Transactions on Information Theory, 2022, 68, 4666-4680.	1.5	11
10	Decentralized Distributed Multi-institutional PET Image Segmentation Using a Federated Deep Learning Framework. Clinical Nuclear Medicine, 2022, 47, 606-617.	0.7	34
11	Privacy-Aware Communication over a Wiretap Channel with Generative Networks. , 2022, , .		3
12	Uncoded Caching and Cross-Level Coded Delivery for Non-Uniform File Popularity. IEEE Transactions on Information Theory, 2022, 68, 6842-6859.	1.5	3
13	Coded Computation Across Shared Heterogeneous Workers With Communication Delay. IEEE Transactions on Signal Processing, 2022, 70, 3371-3385.	3.2	5
14	Learning to Speak on Behalf of a Group: Medium Access Control for Sending a Shared Message. IEEE Communications Letters, 2022, 26, 1843-1847.	2.5	1
15	A Learning-Aided Flexible Gradient Descent Approach to MISO Beamforming. IEEE Wireless Communications Letters, 2022, 11, 1895-1899.	3.2	7
16	Semi-Federated Learning: An Integrated Framework for Pervasive Intelligence in 6G Networks. , 2022, , .		3
17	Neural Distributed Image Compression Using Common Information. , 2022, , .		3
18	The Fifth Issue of the Series on Machine Learning in Communications and Networks. IEEE Journal on Selected Areas in Communications, 2022, 40, 2251-2253.	9.7	0

#	ARTICLE	IF	CITATIONS
19	Distributed Deep Reinforcement Learning for Functional Split Control in Energy Harvesting Virtualized Small Cells. IEEE Transactions on Sustainable Computing, 2021, 6, 626-640.	2.2	15
20	The Best Defense Is a Good Offense: Adversarial Attacks to Avoid Modulation Detection. IEEE Transactions on Information Forensics and Security, 2021, 16, 1074-1087.	4.5	31
21	Privacy-Aware Time-Series Data Sharing With Deep Reinforcement Learning. IEEE Transactions on Information Forensics and Security, 2021, 16, 389-401.	4.5	23
22	Series Editorial: Inauguration Issue of the Series on Machine Learning in Communications and Networks. IEEE Journal on Selected Areas in Communications, 2021, 39, 1-3.	9.7	3
23	Accuracy-awareness: A pessimistic approach to optimal control of triggered mobile communication networks. IFAC-PapersOnLine, 2021, 54, 296-301.	0.5	0
24	Federated mmWave Beam Selection Utilizing LIDAR Data. IEEE Wireless Communications Letters, 2021, 10, 2269-2273.	3.2	31
25	Pruning the Pilots: Deep Learning-Based Pilot Design and Channel Estimation for MIMO-OFDM Systems. IEEE Transactions on Wireless Communications, 2021, 20, 6315-6328.	6.1	58
26	Bandwidth-Agile Image Transmission With Deep Joint Source-Channel Coding. IEEE Transactions on Wireless Communications, 2021, 20, 8081-8095.	6.1	47
27	Wireless Image Retrieval at the Edge. IEEE Journal on Selected Areas in Communications, 2021, 39, 89-100.	9.7	88
28	One-Bit Over-the-Air Aggregation for Communication-Efficient Federated Edge Learning: Design and Convergence Analysis. IEEE Transactions on Wireless Communications, 2021, 20, 2120-2135.	6.1	155
29	On Perfect Privacy. IEEE Journal on Selected Areas in Information Theory, 2021, 2, 177-191.	1.9	13
30	Distributed Deep Convolutional Compression for Massive MIMO CSI Feedback. IEEE Transactions on Wireless Communications, 2021, 20, 2621-2633.	6.1	42
31	A Reinforcement Learning Approach to Age of Information in Multi-User Networks With HARQ. IEEE Journal on Selected Areas in Communications, 2021, 39, 1412-1426.	9.7	34
32	Variational Leakage. , 2021, , .		2
33	Active Privacy-Utility Trade-Off Against A Hypothesis Testing Adversary. , 2021, , .		7
34	Gradient Coding with Dynamic Clustering for Straggler Mitigation. , 2021, , .		3
35	Convergence of Update Aware Device Scheduling for Federated Learning at the Wireless Edge. IEEE Transactions on Wireless Communications, 2021, 20, 3643-3658.	6.1	87
36	Private Wireless Federated Learning with Anonymous Over-the-Air Computation. , 2021, , .		9

#	ARTICLE	IF	CITATIONS
37	FedADC: Accelerated Federated Learning with Drift Control. , 2021, , .		14
38	Speeding Up Private Distributed Matrix Multiplication via Bivariate Polynomial Codes. , 2021, , .		9
39	Fedrec: Federated Learning of Universal Receivers Over Fading Channels. , 2021, , .		5
40	Meta-learning Based Beamforming Design for MISO Downlink. , 2021, , .		11
41	Time-Correlated Sparsification for Communication-Efficient Federated Learning. , 2021, , .		22
42	Series Editorial: The Second Issue of the Series on Machine Learning in Communications and Networks. IEEE Journal on Selected Areas in Communications, 2021, 39, 1855-1857.	9.7	1
43	Series Editorial: The Third Issue of the Series on Machine Learning in Communications and Networks. IEEE Journal on Selected Areas in Communications, 2021, 39, 2267-2270.	9.7	0
44	Blind Federated Edge Learning. IEEE Transactions on Wireless Communications, 2021, 20, 5129-5143.	6.1	42
45	Effective Communications: A Joint Learning and Communication Framework for Multi-Agent Reinforcement Learning Over Noisy Channels. IEEE Journal on Selected Areas in Communications, 2021, 39, 2590-2603.	9.7	33
46	Age-of-Information With Information Source Diversity in an Energy Harvesting System. IEEE Transactions on Green Communications and Networking, 2021, 5, 1529-1540.	3.5	29
47	Bivariate Polynomial Coding for Efficient Distributed Matrix Multiplication. IEEE Journal on Selected Areas in Information Theory, 2021, 2, 814-829.	1.9	8
48	Distributed Learning in Wireless Networks: Recent Progress and Future Challenges. IEEE Journal on Selected Areas in Communications, 2021, 39, 3579-3605.	9.7	201
49	Federated Edge Learning with Misaligned Over-The-Air Computation. , 2021, , .		11
50	Fast Federated Edge Learning with Overlapped Communication and Computation and Channel-Aware Fair Client Scheduling. , 2021, , .		4
51	Context-Aware Effective Communications. , 2021, , .		2
52	Guest Editorial Special Issue on Distributed Learning Over Wireless Edge Networksâ€”Part I. IEEE Journal on Selected Areas in Communications, 2021, 39, 3575-3578.	9.7	1
53	Functional Broadcast Repair of Multiple Partial Failures in Wireless Distributed Storage Systems. IEEE Journal on Selected Areas in Information Theory, 2021, 2, 1093-1107.	1.9	1
54	JSAIT Editorial for the Special Issue on â€œBeyond Errors and Erasures: Coding for Data Management and Delivery in Networksâ€. IEEE Journal on Selected Areas in Information Theory, 2021, 2, 1075-1077.	1.9	0

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55	Optimal Utility-Privacy Trade-Off With Total Variation Distance as a Privacy Measure. IEEE Transactions on Information Forensics and Security, 2020, 15, 594-603.	4.5	53
56	Non-Orthogonal Unicast and Broadcast Transmission via Joint Beamforming and LDM in Cellular Networks. IEEE Transactions on Broadcasting, 2020, 66, 216-228.	2.5	17
57	Cache-Aided Combination Networks With Interference. IEEE Transactions on Wireless Communications, 2020, 19, 148-161.	6.1	4
58	Centralized Caching and Delivery of Correlated Contents Over Gaussian Broadcast Channels. IEEE Transactions on Communications, 2020, 68, 122-136.	4.9	4
59	Management and Orchestration of Virtual Network Functions via Deep Reinforcement Learning. IEEE Journal on Selected Areas in Communications, 2020, 38, 304-317.	9.7	37
60	Coded Caching in a Multi-Server System With Random Topology. IEEE Transactions on Communications, 2020, 68, 4620-4631.	4.9	19
61	Joint Device-Edge Inference over Wireless Links with Pruning. , 2020, , .		48
62	Bivariate Polynomial Coding for Straggler Exploitation with Heterogeneous Workers. , 2020, , .		2
63	Update Aware Device Scheduling for Federated Learning at the Wireless Edge. , 2020, , .		43
64	Energy-Aware Analog Aggregation for Federated Learning with Redundant Data. , 2020, , .		65
65	Multi-Antenna Coded Content Delivery With Caching: A Low-Complexity Solution. IEEE Transactions on Wireless Communications, 2020, 19, 7484-7497.	6.1	4
66	Strong Converse for Testing Against Independence over a Noisy channel. , 2020, , .		10
67	CNN-Based Analog CSI Feedback in FDD MIMO-OFDM Systems. , 2020, , .		15
68	Semantic-Effectiveness Filtering and Control for Post-5G Wireless Connectivity. Journal of the Indian Institute of Science, 2020, 100, 435-443.	0.9	51
69	Adversarial Networks for Secure Wireless Communications. , 2020, , .		8
70	Deep Learning for Massive MIMO Channel State Acquisition and Feedback. Journal of the Indian Institute of Science, 2020, 100, 369-382.	0.9	19
71	Hierarchical Federated Learning ACROSS Heterogeneous Cellular Networks. , 2020, , .		161
72	Deep Joint Source-Channel Coding of Images with Feedback. , 2020, , .		13

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73	DeepJSCC: Deep Joint Source-Channel Coding of Images With Feedback. IEEE Journal on Selected Areas in Information Theory, 2020, 1, 178-193.	1.9	121
74	Straggler-Aware Distributed Learning: Communication-Computation Latency Trade-Off. Entropy, 2020, 22, 544.	1.1	30
75	Distributed Hypothesis Testing Over Discrete Memoryless Channels. IEEE Transactions on Information Theory, 2020, 66, 2044-2066.	1.5	29
76	Federated Learning Over Wireless Fading Channels. IEEE Transactions on Wireless Communications, 2020, 19, 3546-3557.	6.1	335
77	Data Disclosure Under Perfect Sample Privacy. IEEE Transactions on Information Forensics and Security, 2020, 15, 2012-2025.	4.5	13
78	Machine Learning at the Wireless Edge: Distributed Stochastic Gradient Descent Over-the-Air. IEEE Transactions on Signal Processing, 2020, 68, 2155-2169.	3.2	296
79	Information Transmission Bounds Between Moving Terminals. IEEE Communications Letters, 2020, 24, 1410-1413.	2.5	1
80	Privacy-Aware Distributed Hypothesis Testing. Entropy, 2020, 22, 665.	1.1	7
81	Deep Joint Source-Channel Coding for Wireless Image Retrieval. , 2020, , .		26
82	Mobility-Aware Coded Storage and Delivery. IEEE Transactions on Communications, 2020, 68, 3275-3285.	4.9	18
83	Communicate to Learn at the Edge. IEEE Communications Magazine, 2020, 58, 14-19.	4.9	36
84	Smart Meter Privacy. , 2020, , 19-41.		6
85	On Perfect Obfuscation: Local Information Geometry Analysis. , 2020, , .		6
86	Remote Reinforcement Learning over a Noisy Channel. , 2020, , .		4
87	One-Bit Over-the-Air Aggregation for Communication-Efficient Federated Edge Learning. , 2020, , .		5
88	Decentralized SGD with Over-the-Air Computation. , 2020, , .		20
89	Age-Based Coded Computation for Bias Reduction in Distributed Learning. , 2020, , .		14
90	Bivariate Hermitian Polynomial Coding for Efficient Distributed Matrix Multiplication. , 2020, , .		7

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91	Privacy-cost trade-offs in smart electricity metering systems. IET Smart Grid, 2020, 3, 596-604.	1.5	4
92	Audience-Retention-Rate-Aware Caching and Coded Video Delivery With Asynchronous Demands. IEEE Transactions on Communications, 2019, 67, 7088-7102.	4.9	4
93	Distributed Gradient Descent with Coded Partial Gradient Computations. , 2019, , .		28
94	Deep Joint Source-Channel Coding for Wireless Image Transmission. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 567-579.	4.9	282
95	Coded Caching With Asymmetric Cache Sizes and Link Qualities: The Two-User Case. IEEE Transactions on Communications, 2019, 67, 6112-6126.	4.9	19
96	A Low-Complexity Cache-Aided Multi-Antenna Content Delivery Scheme. , 2019, , .		2
97	Guest Editorial Special Issue on Machine Learning in Wireless Communication"Part I. IEEE Journal on Selected Areas in Communications, 2019, 37, 2181-2183.	9.7	4
98	Guest Editorial Special Issue on Machine Learning in Wireless Communication"Part 2. IEEE Journal on Selected Areas in Communications, 2019, 37, 2409-2412.	9.7	3
99	Privacy-cost Trade-off in a Smart Meter System with a Renewable Energy Source and a Rechargeable Battery. , 2019, , .		19
100	Gradient Coding with Clustering and Multi-Message Communication. , 2019, , .		21
101	Automatic Modulation Classification in the Presence of Interference. , 2019, , .		5
102	Over-the-Air Machine Learning at the Wireless Edge. , 2019, , .		42
103	Machine Learning in the Air. IEEE Journal on Selected Areas in Communications, 2019, 37, 2184-2199.	9.7	152
104	Deep Joint Source-channel Coding for Wireless Image Transmission. , 2019, , .		22
105	Computation Scheduling for Distributed Machine Learning with Straggling Workers. , 2019, , .		21
106	Average Age of Information With Hybrid ARQ Under a Resource Constraint. IEEE Transactions on Wireless Communications, 2019, 18, 1900-1913.	6.1	137
107	Content Caching and Delivery in Wireless Radio Access Networks. IEEE Transactions on Communications, 2019, 67, 4724-4749.	4.9	20
108	Communication without Interception: Defense against Modulation Detection. , 2019, , .		21

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109	Collaborative Machine Learning at the Wireless Edge with Blind Transmitters. , 2019, , .		36
110	Practical Functional Regenerating Codes for Broadcast Repair of Multiple Nodes. , 2019, , .		2
111	Hypothesis Testing over a Noisy Channel. , 2019, , .		3
112	Average Age-of-Information with a Backup Information Source. , 2019, , .		5
113	Heterogeneous Coded Computation across Heterogeneous Workers. , 2019, , .		14
114	Privacy-Aware Location Sharing with Deep Reinforcement Learning. , 2019, , .		4
115	Successive Refinement of Images with Deep Joint Source-Channel Coding. , 2019, , .		31
116	Multicast-Aware Proactive Caching in Wireless Networks with Deep Reinforcement Learning. , 2019, , .		5
117	Privacy Against Brute-Force Inference Attacks. , 2019, , .		6
118	Computation Scheduling for Distributed Machine Learning With Straggling Workers. IEEE Transactions on Signal Processing, 2019, 67, 6270-6284.	3.2	43
119	Machine Learning at the Wireless Edge: Distributed Stochastic Gradient Descent Over-the-Air. , 2019, , .		83
120	Reinforcement Learning to Minimize Age of Information with an Energy Harvesting Sensor with HARQ and Sensing Cost. , 2019, , .		44
121	Speeding Up Distributed Gradient Descent by Utilizing Non-persistent Stragglers. , 2019, , .		51
122	Deep Convolutional Compression For Massive MIMO CSI Feedback. , 2019, , .		32
123	Optimal Privacy-Utility Trade-off under a Rate Constraint. , 2019, , .		14
124	Privacy Against a Hypothesis Testing Adversary. IEEE Transactions on Information Forensics and Security, 2019, 14, 1567-1581.	4.5	22
125	Dynamic Content Updates in Heterogeneous Wireless Networks. , 2019, , .		4
126	Cache-Aided Content Delivery Over Erasure Broadcast Channels. IEEE Transactions on Communications, 2018, 66, 370-381.	4.9	38

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127	Coded Caching and Content Delivery With Heterogeneous Distortion Requirements. IEEE Transactions on Information Theory, 2018, 64, 4347-4364.	1.5	31
128	Mobility and Popularity-Aware Coded Small-Cell Caching. IEEE Communications Letters, 2018, 22, 288-291.	2.5	36
129	Polar Codes and Polar Lattices for the Heegard's Berger Problem. IEEE Transactions on Communications, 2018, 66, 3760-3771.	4.9	0
130	Zero-Delay Source-Channel Coding With a Low-Resolution ADC Front End. IEEE Transactions on Information Theory, 2018, 64, 1241-1261.	1.5	3
131	Channel Sensing and Communication Over a Time-Correlated Channel With an Energy Harvesting Transmitter. IEEE Transactions on Green Communications and Networking, 2018, 2, 114-126.	3.5	15
132	Distributed Hypothesis Testing Under Privacy Constraints. , 2018, , .		12
133	Latent Feature Disclosure under Perfect Sample Privacy. , 2018, , .		8
134	Coded Caching with Heterogeneous Cache Sizes and Link Qualities: The Two-User Case. , 2018, , .		15
135	Information Transmission Bounds in Mobile Communication Networks. , 2018, , .		0
136	A Reinforcement Learning Approach to Age of Information in Multi-User Networks. , 2018, , .		39
137	Cache-Aided Interactive Multiview Video Streaming in Small Cell Wireless Networks. , 2018, , .		0
138	Optimal Utility-Privacy Trade-off with Total Variation Distance as a Privacy Measure. , 2018, , .		8
139	Delay-Aware Coded Caching for Mobile Users. , 2018, , .		3
140	Social learning for resilient data fusion against data falsification attacks. Computational Social Networks, 2018, 5, 10.	2.1	3
141	Energy-efficient communication in mobile aerial relay-assisted networks using predictive control. IFAC-PapersOnLine, 2018, 51, 197-202.	0.5	8
142	On the Capacity Region of a Cache-Aided Gaussian Broadcast Channel with Multi-Layer Messages. , 2018, , .		5
143	Caching and Coded Delivery Over Gaussian Broadcast Channels for Energy Efficiency. IEEE Journal on Selected Areas in Communications, 2018, 36, 1706-1720.	9.7	24
144	SparseCast: Hybrid Digital-Analog Wireless Image Transmission Exploiting Frequency-Domain Sparsity. IEEE Communications Letters, 2018, 22, 2451-2454.	2.5	17

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145	Energy-Optimal Control in Mobile Aerial Relay-Assisted Networks. , 2018, , .		1
146	Privacy-Aware Smart Metering: Progress and Challenges. IEEE Signal Processing Magazine, 2018, 35, 59-78.	4.6	72
147	Gaussian Multiple Access Channels with One-Bit Quantizer at the Receiver. Entropy, 2018, 20, 686.	1.1	11
148	Reinforcement Learning for Proactive Caching of Contents with Different Demand Probabilities. , 2018, , .		8
149	Testing Against Conditional Independence Under Security Constraints. , 2018, , .		5
150	On Perfect Privacy. , 2018, , .		14
151	Considering Time Correlation in the Estimation of Privacy Loss for Consumers with Smart Meters. , 2018, , .		5
152	On the conditional entropy of wireless networks. , 2018, , .		4
153	Centralized caching and delivery of correlated contents over a Gaussian broadcast channel. , 2018, , .		6
154	Coded caching in a multi-server system with random topology. , 2018, , .		16
155	Average age of information with hybrid ARQ under a resource constraint. , 2018, , .		48
156	Cache-aided fog radio access networks with partial connectivity. , 2018, , .		10
157	Caching With Time-Varying Popularity Profiles: A Learning-Theoretic Perspective. IEEE Transactions on Communications, 2018, 66, 3837-3847.	4.9	32
158	Lossy Coding of Correlated Sources Over a Multiple Access Channel: Necessary Conditions and Separation Results. IEEE Transactions on Information Theory, 2018, 64, 6081-6097.	1.5	1
159	A Reinforcement-Learning Approach to Proactive Caching in Wireless Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 1331-1344.	9.7	87
160	Smart Meter Privacy With Renewable Energy and an Energy Storage Device. IEEE Transactions on Information Forensics and Security, 2018, 13, 129-142.	4.5	76
161	Storage-Repair Bandwidth Trade-off for Wireless Caching with Partial Failure and Broadcast Repair. , 2018, , .		5
162	A Low-Complexity Policy for Outage Probability Minimization With an Energy Harvesting Transmitter. IEEE Communications Letters, 2017, 21, 917-920.	2.5	9

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163	Finite-Length Linear Schemes for Joint Source-Channel Coding over Gaussian Broadcast Channels with Feedback. IEEE Transactions on Information Theory, 2017, , 1-1.	1.5	2
164	Fundamental Limits of Coded Caching: Improved Delivery Rate-Cache Capacity Tradeoff. IEEE Transactions on Communications, 2017, 65, 806-815.	4.9	85
165	Privacy-Cost Trade-offs in Demand-Side Management With Storage. IEEE Transactions on Information Forensics and Security, 2017, 12, 1458-1469.	4.5	48
166	Energy-Distortion Exponents in Lossy Transmission of Gaussian Sources Over Gaussian Channels. IEEE Transactions on Information Theory, 2017, 63, 1227-1236.	1.5	20
167	Capacity region of a one-bit quantized Gaussian multiple access channel. , 2017, , .		5
168	Decentralized caching and coded delivery over Gaussian broadcast channels. , 2017, , .		9
169	Improved policy representation and policy search for proactive content caching in wireless networks. , 2017, , .		4
170	Decentralized Caching and Coded Delivery With Distinct Cache Capacities. IEEE Transactions on Communications, 2017, 65, 4657-4669.	4.9	41
171	Interference networks with caches at both ends. , 2017, , .		29
172	Fundamental limits of latency in a cache-aided $4\bar{A}$ -4 interference channel. , 2017, , .		0
173	Distributed hypothesis testing over noisy channels. , 2017, , .		16
174	Zero-Delay Source-Channel Coding With a 1-Bit ADC Front End and Correlated Receiver Side Information. IEEE Transactions on Communications, 2017, 65, 5429-5444.	4.9	1
175	Smart meter privacy based on adversarial hypothesis testing. , 2017, , .		9
176	On the necessary conditions for transmitting correlated sources over a multiple access channel. , 2017, , .		0
177	Optimal demand-side management for joint privacy-cost optimization with energy storage. , 2017, , .		7
178	Cache-aided data delivery over erasure broadcast channels. , 2017, , .		7
179	The multi-layer information bottleneck problem. , 2017, , .		8
180	Communication over a time correlated channel with an energy harvesting transmitter. , 2017, , .		1

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181	Joint optimization of transmission and propulsion in aerial communication networks. , 2017, , .		9
182	On the Energy-Distortion Tradeoff of Gaussian Broadcast Channels with Feedback. Entropy, 2017, 19, 243.	1.1	0
183	Energy-efficient wireless content delivery with proactive caching. , 2017, , .		2
184	Audience retention rate aware coded video caching. , 2017, , .		5
185	Decentralized coded caching with distinct cache capacities. , 2016, , .		20
186	Centralized coded caching for heterogeneous lossy requests. , 2016, , .		10
187	Non-Orthogonal Unicast and Broadcast Transmission via Joint Beamforming and LDM in Cellular Networks. , 2016, , .		23
188	On lossy transmission of correlated sources over a multiple access channel. , 2016, , .		1
189	Energy-distortion tradeoff for the gaussian broadcast channel with feedback. , 2016, , .		4
190	Wireless Content Caching for Small Cell and D2D Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 1222-1234.	9.7	193
191	Linear Transmission of Composite Gaussian Measurements Over a Fading Channel Under Delay Constraints. IEEE Transactions on Wireless Communications, 2016, 15, 4335-4347.	6.1	2
192	Joint source-channel coding with one-bit ADC front end. , 2016, , .		3
193	Smart meter privacy with renewable energy and a finite capacity battery. , 2016, , .		27
194	Energy harvesting wireless networks with correlated energy sources. , 2016, , .		3
195	Zero-delay joint source-channel coding with a 1-bit ADC front end and receiver side information. , 2016, , .		2
196	Coded caching for a large number of users. , 2016, , .		44
197	Zero-Delay Joint Source-Channel Coding in the Presence of Interference Known at the Encoder. IEEE Transactions on Communications, 2016, 64, 3311-3322.	4.9	2
198	Distortion Exponent in MIMO Fading Channels With Time-Varying Source Side Information. IEEE Transactions on Information Theory, 2016, 62, 3597-3617.	1.5	4

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199	Joint Source-Channel Coding With Time-Varying Channel and Side-Information. IEEE Transactions on Information Theory, 2016, 62, 736-753.	1.5	11
200	Capacity of a Class of State-Dependent Orthogonal Relay Channels. IEEE Transactions on Information Theory, 2016, 62, 1280-1295.	1.5	4
201	Proactive wireless caching at mobile user devices for energy efficiency. , 2015, , .		11
202	On the asymptotic distortion-energy tradeoff for zero-delay transmission of a Gaussian source over the AWGN channel. , 2015, , .		2
203	Variable-power scheduling for perpetual target coverage in energy harvesting wireless sensor networks. , 2015, , .		9
204	Source-Channel Coding Under Energy, Delay, and Buffer Constraints. IEEE Transactions on Wireless Communications, 2015, 14, 3836-3849.	6.1	23
205	On the distortion-energy tradeoff for zero-delay transmission of a Gaussian source over the AWGN channel. , 2015, , .		2
206	Correlated Gaussian sources over Gaussian weak interference channels. , 2015, , .		1
207	On the transmission of a bivariate Gaussian source over the Gaussian broadcast channel with feedback. , 2015, , .		1
208	Delay constrained linear transmission of a mixture of Gaussian measurements over a fading channel. , 2015, , .		1
209	Zero-delay joint source-channel coding in the presence of interference known at the encoder. , 2015, , .		2
210	Distributed compression and transmission with energy harvesting sensors. , 2015, , .		6
211	Smart meter privacy with an energy harvesting device and instantaneous power constraints. , 2015, , .		14
212	Delay limited transmission of a uniform source over an AWGN channel. , 2015, , .		0
213	Throughput and Delay Analysis in Video Streaming Over Block-Fading Channels. IEEE Transactions on Communications, 2015, 63, 5206-5217.	4.9	1
214	Optimization of Energy Harvesting MISO Communication System With Feedback. IEEE Journal on Selected Areas in Communications, 2015, 33, 396-406.	9.7	14
215	Smart Meter Privacy for Multiple Users in the Presence of an Alternative Energy Source. IEEE Transactions on Information Forensics and Security, 2015, 10, 132-141.	4.5	38
216	Multi-Access Communications With Energy Harvesting: A Multi-Armed Bandit Model and the Optimality of the Myopic Policy. IEEE Journal on Selected Areas in Communications, 2015, 33, 585-597.	9.7	32

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217	Gaussian joint source-channel coding for the strong interference channel. , 2015, , .		3
218	Joint transmission and caching policy design for energy minimization in the wireless backhaul link. , 2015, , .		19
219	Optimal privacy-cost trade-off in demand-side management with storage. , 2015, , .		6
220	Learning-based optimization of cache content in a small cell base station. , 2014, , .		238
221	Uncoded transmission of correlated Gaussian sources over broadcast channels with feedback. , 2014, , .		3
222	Zero-delay joint source-channel coding. , 2014, , .		3
223	Designing intelligent energy harvesting communication systems. , 2014, 52, 210-216.		250
224	Identification and Lossy Reconstruction in Noisy Databases. IEEE Transactions on Information Theory, 2014, 60, 822-831.	1.5	23
225	Multi-armed bandit optimization of cache content in wireless infostation networks. , 2014, , .		44
226	Delay constrained linear transmission of random state measurements. , 2014, , .		1
227	Energy Harvesting Broadband Communication Systems With Processing Energy Cost. IEEE Transactions on Wireless Communications, 2014, 13, 6095-6107.	6.1	77
228	On Joint Source-Channel Coding for Correlated Sources Over Multiple-Access Relay Channels. IEEE Transactions on Information Theory, 2014, 60, 6231-6253.	1.5	8
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