

Elza Erkip

List of Publications by Year in descending order

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219
papers

17,621
citations

136740

32
h-index

58464

82
g-index

219
all docs

219
docs citations

219
times ranked

7455
citing authors

#	ARTICLE	IF	CITATIONS
1	User cooperation diversity-part I: system description. IEEE Transactions on Communications, 2003, 51, 1927-1938.	4.9	5,486
2	User cooperation diversity-part II: implementation aspects and performance analysis. IEEE Transactions on Communications, 2003, 51, 1939-1948.	4.9	1,958
3	Millimeter-Wave Cellular Wireless Networks: Potentials and Challenges. Proceedings of the IEEE, 2014, 102, 366-385.	16.4	1,877
4	Millimeter Wave Channel Modeling and Cellular Capacity Evaluation. IEEE Journal on Selected Areas in Communications, 2014, 32, 1164-1179.	9.7	1,814
5	Energy Harvesting Wireless Communications: A Review of Recent Advances. IEEE Journal on Selected Areas in Communications, 2015, 33, 360-381.	9.7	777
6	On beamforming with finite rate feedback in multiple-antenna systems. IEEE Transactions on Information Theory, 2003, 49, 2562-2579.	1.5	748
7	Cooperative Coding for Wireless Networks. IEEE Transactions on Communications, 2004, 52, 1470-1476.	4.9	391
8	Multiple-Antenna Cooperative Wireless Systems: A Diversity–Multiplexing Tradeoff Perspective. IEEE Transactions on Information Theory, 2007, 53, 3371-3393.	1.5	280
9	Opportunistic cooperation by dynamic resource allocation. IEEE Transactions on Wireless Communications, 2007, 6, 1446-1454.	6.1	200
10	Advances in smart antennas - Cooperative wireless communications: a cross-layer approach. IEEE Wireless Communications, 2006, 13, 84-92.	6.6	198
11	Small-Cell Traffic Balancing Over Licensed and Unlicensed Bands. IEEE Transactions on Vehicular Technology, 2015, 64, 5850-5865.	3.9	192
12	Low power analog-to-digital conversion in millimeter wave systems: Impact of resolution and bandwidth on performance. , 2015, , .		175
13	Cooperative regions and partner choice in coded Cooperative systems. IEEE Transactions on Communications, 2006, 54, 1323-1334.	4.9	124
14	Cooperative Space–Time Coding for Wireless Networks. IEEE Transactions on Communications, 2005, 53, 1804-1809.	4.9	119
15	Achievable Rates for the Gaussian Interference Relay Channel. , 2007, , .		110
16	Joint Source–Channel Codes for MIMO Block-Fading Channels. IEEE Transactions on Information Theory, 2008, 54, 116-134.	1.5	94
17	Source and Channel Coding for Cooperative Relaying. IEEE Transactions on Information Theory, 2007, 53, 3454-3475.	1.5	84
18	Throughput maximization for an energy harvesting communication system with processing cost. , 2012, , .		80

#	ARTICLE	IF	CITATIONS
19	A distributed MAC protocol for full duplex radio. , 2013, , .		80
20	Spectrum Pooling in MmWave Networks: Opportunities, Challenges, and Enablers. , 2016, 54, 33-39.		78
21	Energy Harvesting Broadband Communication Systems With Processing Energy Cost. IEEE Transactions on Wireless Communications, 2014, 13, 6095-6107.	6.1	77
22	Source and Channel Coding for Correlated Sources Over Multiuser Channels. IEEE Transactions on Information Theory, 2009, 55, 3927-3944.	1.5	66
23	Power efficient multimedia communication over wireless channels. IEEE Journal on Selected Areas in Communications, 2003, 21, 1738-1751.	9.7	62
24	Optimal transmission policies for energy harvesting two-hop networks. , 2012, , .		60
25	Secure Communication with a Relay Helping the Wire-tapper. , 2007, , .		55
26	The efficiency of investment information. IEEE Transactions on Information Theory, 1998, 44, 1026-1040.	1.5	52
27	Distortion Minimization in Gaussian Layered Broadcast Coding With Successive Refinement. IEEE Transactions on Information Theory, 2009, 55, 5074-5086.	1.5	51
28	Half-duplex or full-duplex relaying: A capacity analysis under self-interference. , 2013, , .		51
29	The Relay Channel with a Wire-tapper. , 2007, , .		49
30	Full-Duplex Cloud Radio Access Networks: An Information-Theoretic Viewpoint. IEEE Wireless Communications Letters, 2014, 3, 413-416.	3.2	49
31	Diversity-Multiplexing Tradeoff for the Multiple-Antenna Wire-tap Channel. IEEE Transactions on Wireless Communications, 2011, 10, 762-771.	6.1	48
32	Throughput maximization for energy harvesting two-hop networks. , 2013, , .		48
33	Interference channel with a relay: Models, relaying strategies, bounds. , 2009, , .		46
34	Cooperative network implementation using open-source platforms. , 2009, 47, 134-141.		46
35	Millimeter wave picocellular system evaluation for urban deployments. , 2013, , .		46
36	A framework for femtocells to access both licensed and unlicensed bands. , 2011, , .		45

#	ARTICLE	IF	CITATIONS
37	Robust Transmission and Interference Management For Femtocells with Unreliable Network Access. IEEE Journal on Selected Areas in Communications, 2010, 28, 1469-1478.	9.7	43
38	Energy Management Policies for Energy-Neutral Source-Channel Coding. IEEE Transactions on Communications, 2012, 60, 2668-2678.	4.9	43
39	Energy Harvesting Two-Hop Communication Networks. IEEE Journal on Selected Areas in Communications, 2015, 33, 2658-2670.	9.7	43
40	Ergodic Fading Interference Channels: Sum-Capacity and Separability. IEEE Transactions on Information Theory, 2011, 57, 2605-2626.	1.5	42
41	Constrained Codes for Joint Energy and Information Transfer. IEEE Transactions on Communications, 2014, 62, 2121-2131.	4.9	42
42	On Achievable Rates for Interference Relay Channel with Interference Cancelation. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .	0.0	40
43	Interference Channel With an Out-of-Band Relay. IEEE Transactions on Information Theory, 2011, 57, 2746-2764.	1.5	40
44	Lossless compression with security constraints. , 2008, , .		39
45	Secure lossless compression with side information. , 2008, , .		38
46	A Secure Communication Game With a Relay Helping the Eavesdropper. IEEE Transactions on Information Forensics and Security, 2011, 6, 818-830.	4.5	36
47	Dual-band femtocell traffic balancing over licensed and unlicensed bands. , 2012, , .		35
48	Code designs for cooperative communication. IEEE Signal Processing Magazine, 2007, 24, 16-26.	4.6	32
49	Cooperative Source and Channel Coding for Wireless Multimedia Communications. IEEE Journal on Selected Topics in Signal Processing, 2007, 1, 295-307.	7.3	32
50	Layered Wireless Video Multicast Using Relays. IEEE Transactions on Circuits and Systems for Video Technology, 2010, 20, 1095-1109.	5.6	32
51	Layered wireless video multicast using omni-directional relays. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	29
52	On Codebook Information for Interference Relay Channels With Out-of-Band Relaying. IEEE Transactions on Information Theory, 2011, 57, 2880-2888.	1.5	29
53	Minimum Expected Distortion in Gaussian Layered Broadcast Coding with Successive Refinement. , 2007, , .		28
54	Cooperative Layered Video Multicast Using Randomized Distributed Space Time Codes. , 2009, , .		28

#	ARTICLE	IF	CITATIONS
55	Cooperative Layered Video Multicast Using Randomized Distributed Space Time Codes. IEEE Transactions on Multimedia, 2011, 13, 1127-1140.	5.2	28
56	Energy harvesting two-hop networks: Optimal policies for the multi-energy arrival case. , 2012, , .		28
57	Diversity-Multiplexing Tradeoff in Cooperative Wireless Systems. , 2006, , .		27
58	Half-Duplex or Full-Duplex Communications: Degrees of Freedom Analysis Under Self-Interference. IEEE Transactions on Wireless Communications, 2018, 17, 1081-1093.	6.1	26
59	Resource Allocation for the Parallel Relay Channel with Multiple Relays. IEEE Transactions on Wireless Communications, 2011, 10, 792-802.	6.1	25
60	Robust Communication via Decentralized Processing With Unreliable Backhaul Links. IEEE Transactions on Information Theory, 2011, 57, 4187-4201.	1.5	25
61	Seeded graph matching: Efficient algorithms and theoretical guarantees. , 2017, , .		25
62	STiCMAC: A MAC Protocol for Robust Space-Time Coding in Cooperative Wireless LANs. IEEE Transactions on Wireless Communications, 2012, 11, 1358-1369.	6.1	23
63	Source-Channel Coding Under Energy, Delay, and Buffer Constraints. IEEE Transactions on Wireless Communications, 2015, 14, 3836-3849.	6.1	23
64	On MIMO Channel Capacity with Output Quantization Constraints. , 2018, , .		23
65	Cooperative Relaying in Next-Generation Mobile WiMAX Networks. IEEE Transactions on Vehicular Technology, 2013, 62, 1399-1405.	3.9	22
66	Compression-Based Compressed Sensing. IEEE Transactions on Information Theory, 2017, 63, 6735-6752.	1.5	22
67	A Simple Recruitment Scheme of Multiple Nodes for Cooperative MAC. IEEE Transactions on Communications, 2010, 58, 2667-2682.	4.9	21
68	Reliable Cooperative Source Transmission with Side Information. , 2007, , .		20
69	Interference Channel aided by an Infrastructure Relay. , 2009, , .		19
70	Reliable Joint Source-Channel Cooperative Transmission Over Relay Networks. IEEE Transactions on Information Theory, 2013, 59, 2442-2458.	1.5	19
71	Ergodic two-user interference channels: Is separability optimal?. , 2008, , .		18
72	A general framework for MIMO receivers with low-resolution quantization. , 2017, , .		18

#	ARTICLE	IF	CITATIONS
73	Towards Energy Efficient Mobile Wireless Receivers Above 100 GHz. IEEE Access, 2021, 9, 20704-20716.	2.6	18
74	Cooperative MAC for Rate Adaptive Randomized Distributed Space-Time Coding. , 2008, , .		17
75	Femtocells in Cellular Radio Networks with Successive Interference Cancellation. , 2011, , .		17
76	A General Framework for Temporal Fair User Scheduling in NOMA Systems. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 408-422.	7.3	17
77	CTH15-5: Rate Adaptation for Cooperative Systems. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	16
78	Cognitive relaying with one-sided interference. , 2008, , .		16
79	Rateless coding for MIMO fading channels: performance limits and code construction. IEEE Transactions on Wireless Communications, 2010, 9, 1288-1292.	6.1	16
80	Gaussian Interference Channel Aided by a Relay with Out-of-Band Reception and In-Band Transmission. IEEE Transactions on Communications, 2011, 59, 2976-2981.	4.9	16
81	Distortion Exponent of Parallel Fading Channels. , 2006, , .		14
82	Diversity-Multiplexing Tradeoff in Multiple-Antenna Relay Systems. , 2006, , .		14
83	A Game-Theoretic View of the Interference Channel: Impact of Coordination and Bargaining. IEEE Transactions on Information Theory, 2011, 57, 2805-2820.	1.5	14
84	Delay-constrained distortion minimization for energy harvesting transmission over a fading channel. , 2013, , .		14
85	On Coding for Cache-Aided Delivery of Dynamic Correlated Content. IEEE Journal on Selected Areas in Communications, 2018, 36, 1666-1681.	9.7	14
86	A Concentration of Measure Approach to Database De-anonymization. , 2019, , .		13
87	Optimal packet scheduling for an energy harvesting transmitter with processing cost. , 2013, , .		12
88	Unified Capacity Limit of Non-Coherent Wideband Fading Channels. IEEE Transactions on Wireless Communications, 2017, 16, 43-57.	6.1	12
89	Resource sharing among mmWave cellular service providers in a vertically differentiated duopoly. , 2017, , .		12
90	Rate-Memory Trade-Off for Caching and Delivery of Correlated Sources. IEEE Transactions on Information Theory, 2020, 66, 2219-2251.	1.5	12

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91	Resource allocation for cooperative relaying. , 2008, , .		11
92	Robust Cooperative Relaying in a Wireless LAN: Cross-Layer Design and Performance Analysis. , 2009, , .		11
93	On the sum capacity of K-user cascade Gaussian Z-interference channel. , 2011, , .		11
94	Energy-Efficient Sensing and Communication of Parallel Gaussian Sources. IEEE Transactions on Communications, 2012, 60, 3826-3835.	4.9	11
95	Scaling laws for Infrastructure Single and multihop wireless networks in wideband regimes. , 2014, , .		11
96	Optimal de-anonymization in random graphs with community structure. , 2016, , .		11
97	Robust Beam Tracking and Data Communication in Millimeter Wave Mobile Networks. , 2019, , .		11
98	On avoiding collisions and promoting cooperation: Catching two birds with one stone. , 2008, , .		10
99	Successive Refinement of Vector Sources Under Individual Distortion Criteria. IEEE Transactions on Information Theory, 2010, 56, 1769-1781.	1.5	10
100	Implementation of cooperative communications using software defined radios. , 2010, , .		10
101	Completion time in multi-access channel: An information theoretic perspective. , 2011, , .		10
102	An information theoretic framework for active de-anonymization in social networks based on group memberships. , 2017, , .		10
103	MIMO Networks With One-Bit ADCs: Receiver Design and Communication Strategies. IEEE Transactions on Communications, 2022, 70, 1580-1594.	4.9	10
104	Lossless Transmission of Correlated Sources over a Multiple Access Channel with Side Information. , 2007, , .		9
105	A secure communication game with a relay helping the eavesdropper. , 2009, , .		9
106	Error resilient video multicast using Randomized Distributed Space Time Codes. , 2010, , .		9
107	Capacity Scaling of Cellular Networks: Impact of Bandwidth, Infrastructure Density and Number of Antennas. IEEE Transactions on Wireless Communications, 2018, 17, 652-666.	6.1	9
108	Coordinated Multi-Point Massive MIMO Cellular Systems with Sectorized Antennas. , 2018, , .		9

#	ARTICLE	IF	CITATIONS
109	Typicality Matching for Pairs of Correlated Graphs. , 2018, , .		9
110	Optimal Active social Network De-anonymization Using Information Thresholds. , 2018, , .		9
111	Adaptive Hybrid Beamforming with Massive Phased Arrays in Macro-Cellular Networks. , 2018, , .		9
112	Capacity Bounds for Communication Systems with Quantization and Spectral Constraints. , 2020, , .		9
113	On Optimal Multi-user Beam Alignment in Millimeter Wave Wireless Systems. , 2020, , .		9
114	Cooperative Source and Channel Coding for Wireless Video Transmission. , 2006, , .		8
115	Rateless coding for MIMO block fading channels. , 2008, , .		8
116	Enhanced parity packet transmission for Video multicast using R-DSTC. , 2010, , .		8
117	Lossy computing of correlated sources with fractional sampling. , 2012, , .		8
118	Wireless Video Multicast With Cooperative and Incremental Transmission of Parity Packets. IEEE Transactions on Multimedia, 2015, 17, 1335-1346.	5.2	8
119	Rate-memory trade-off for the two-user broadcast caching network with correlated sources. , 2017, , .		8
120	Tradeoff Between Delay and High SNR Capacity in Quantized MIMO Systems. , 2019, , .		8
121	On Multiterminal Communication over MIMO Channels with One-bit ADCs at the Receivers. , 2019, , .		8
122	Source Transmission over Relay Channel with Correlated Relay Side Information. , 2007, , .		7
123	Sum-capacity of ergodic fading interference and compound multiaccess channels. , 2008, , .		7
124	Resource allocation in wireless networks with multiple relays. , 2008, , .		7
125	Layered video multicast using diversity embedded space time codes. , 2009, , .		7
126	Joint user scheduling and power optimization in full-duplex cells with successive interference cancellation. , 2017, , .		7

#	ARTICLE	IF	CITATIONS
127	On Throughput of Millimeter Wave MIMO Systems with Low Resolution ADCs. , 2020, , .		7
128	Correlated Sources over an Asymmetric Multiple Access Channel with One Distortion Criterion. , 2007, , .		6
129	Completion time in broadcast channel and interference channel. , 2011, , .		6
130	A cross-layer multi-hop cooperative network architecture for wireless ad hoc networks. Computer Networks, 2013, 57, 4010-4029.	3.2	6
131	Capacity and Rate Regions of a Class of Broadcast Interference Channels. IEEE Transactions on Information Theory, 2016, 62, 5556-5572.	1.5	6
132	Sectoring in multi-cell massive MIMO systems. , 2017, , .		6
133	Capacity Scaling in a Non-Coherent Wideband Massive SIMO Block Fading Channel. IEEE Transactions on Wireless Communications, 2019, 18, 5691-5704.	6.1	6
134	Capacity Bounds and User Identification Costs in Rayleigh-Fading Many-Access Channel. , 2021, , .		6
135	A secrecy game with an informed jammer relay. , 2010, , .		5
136	Capacity scaling in noncoherent wideband massive SIMO systems. , 2015, , .		5
137	Broadcast caching networks with two receivers and multiple correlated sources. , 2017, , .		5
138	Opportunistic Temporal Fair Scheduling for Non-Orthogonal Multiple Access. , 2018, , .		5
139	Beam Training Optimization in Millimeter-wave Systems under Beamwidth, Modulation and Coding Constraints. , 2019, , .		5
140	On Single-User Interactive Beam Alignment in Next Generation Systems: A Deep Learning Viewpoint. , 2021, , .		5
141	Source Coding under Secrecy Constraints. , 2009, , 173-199.		5
142	Cooperative relaying in sensor networks. , 2010, , .		5
143	Opportunistic Temporal Fair Mode Selection and User Scheduling in Full-Duplex Systems. IEEE Journal on Selected Areas in Communications, 2022, 40, 1632-1651.	9.7	5
144	Millimeter Wave Wireless Assisted Robot Navigation With Link State Classification. IEEE Open Journal of the Communications Society, 2022, 3, 493-507.	4.4	5

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145	Total Power Minimization for Multiuser Video Communications Over CDMA Networks. IEEE Transactions on Circuits and Systems for Video Technology, 2007, 17, 674-685.	5.6	4
146	Dynamic Resource Allocation for Multi Source-Destination Relay Networks. , 2007, , .		4
147	Interference Channel and Compound MAC with Correlated Sources and Receiver Side Information. , 2007, , .		4
148	Dynamic Resource Allocation For The Broadband Relay Channel. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .	0.0	4
149	Layered randomized cooperation for multicast. , 2008, , .		4
150	End-to-end performance of randomized distributed space-time codes. , 2010, , .		4
151	Relay channel with structured interference known at the source. , 2010, , .		4
152	Coordination and bargaining over the Gaussian interference channel. , 2010, , .		4
153	RECOMAC: A Cross-Layer Cooperative Network Protocol for Wireless Ad Hoc Networks. , 2012, , .		4
154	On a class of discrete memoryless broadcast interference channels. , 2012, , .		4
155	Optimal de-anonymization in random graphs with community structure. , 2016, , .		4
156	Do open resources encourage entry into the millimeter wave cellular service market?. , 2016, , .		4
157	On the Fundamental Limits of Multi-user Scheduling under Short-term Fairness Constraints. , 2019, , .		4
158	Centralized Caching and Delivery of Correlated Contents Over Gaussian Broadcast Channels. IEEE Transactions on Communications, 2020, 68, 122-136.	4.9	4
159	SafePredict: A Meta-Algorithm for Machine Learning That Uses Refusals to Guarantee Correctness. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 663-678.	9.7	4
160	Transmission of Correlated Sources Over Multiuser Channels with Receiver Side Information. , 2007, , .		3
161	Cooperative Transmission of Correlated Gaussian Sources. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .	0.0	3
162	Lossy source transmission over the relay channel. , 2008, , .		3

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163	Diversity-multiplexing tradeoff for the multiple-antenna wire-tap channel. , 2008, , .		3
164	A broadcast approach to robust communications over unreliable multi-relay networks. , 2009, , .		3
165	Layered randomized cooperative multicast for lossy data: A superposition approach. , 2009, , .		3
166	Alternating-offer bargaining games over the Gaussian interference channel. , 2010, , .		3
167	Half-duplex gaussian diamond relay channel with interference known at one relay. , 2011, , .		3
168	On the Gaussian Z-interference channel with processing energy cost. , 2011, , .		3
169	Relay Channel with Orthogonal Components and Structured Interference Known at the Source. IEEE Transactions on Communications, 2013, 61, 1277-1289.	4.9	3
170	Transmission Schemes for Gaussian Interference Channels with Transmitter Processing Energy. IEEE Transactions on Wireless Communications, 2013, 12, 4756-4765.	6.1	3
171	Lossy Computing of Correlated Sources with Fractional Sampling. IEEE Transactions on Communications, 2013, 61, 3685-3696.	4.9	3
172	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.	9.7	3
173	The impact of beamforming and coordination on spectrum pooling in mmWave cellular networks. , 2016, , .		3
174	Distortion-Power Trade-Offs in Quasi-Stationary Source Transmission over Delay and Buffer Limited Block Fading Channels. IEEE Transactions on Wireless Communications, 2016, , 1-1.	6.1	3
175	Rate-distortion dimension of stochastic processes. , 2016, , .		3
176	Matching Graphs with Community Structure: A Concentration of Measure Approach. , 2018, , .		3
177	Multi-user Beam Alignment for Millimeter Wave Systems in Multi-path Environments. , 2020, , .		3
178	Wireless video multicast in tactical environments. , 2008, , .		2
179	Interference channel with a half-duplex Out-of-Band Relay. , 2010, , .		2
180	A Cooperative Routing Framework Based on Randomized Coding in Wireless Ad Hoc Networks. , 2011, , .		2

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181	Video multicast through cooperative incremental parity packet transmission. , 2013, , .		2
182	Bandwidth occupancy of non-coherent wideband fading channels. , 2015, , .		2
183	Completion Time in Two-user Channels: An Information-Theoretic Perspective. IEEE Transactions on Information Theory, 2017, , 1-1.	1.5	2
184	Opportunistic Temporal Fair Mode Selection and User Scheduling for Full-duplex Systems. , 2019, , .		2
185	Rate-Distortion-Memory Trade-Offs in Heterogeneous Caching Networks. IEEE Transactions on Wireless Communications, 2020, 19, 3019-3033.	6.1	2
186	A Concentration of Measure Approach to Correlated Graph Matching. IEEE Journal on Selected Areas in Information Theory, 2021, 2, 338-351.	1.9	2
187	On Single-User Interactive Beam Alignment in Millimeter Wave Systems: Impact of Feedback Delay. , 2021, , .		2
188	Multi-Point Coordination in Massive MIMO Systems With Sectorized Antennas. IEEE Transactions on Communications, 2021, 69, 7559-7575.	4.9	2
189	Access Delay Constrained Activity Detection in Massive Random Access. , 2021, , .		2
190	Spreading and power allocation for multiple antenna transmission using decorrelating receivers. IEEE Transactions on Wireless Communications, 2003, 2, 436-445.	6.1	1
191	Low-complexity iterative multiuser detection and decoding for real-time applications. IEEE Transactions on Wireless Communications, 2005, 4, 1455-1460.	6.1	1
192	Multirelay channel with non-ergodic link failures. , 2009, , .		1
193	Diversity-multiplexing tradeoff for MIMO wire-tap channels with CSIT. , 2010, , .		1
194	Hierarchical Mobility via Relaying in Dense Wireless Networks. , 2011, , .		1
195	Two-way wireless video communication using Randomized cooperation, Network Coding and packet level FEC. , 2012, , .		1
196	Energy-efficient sensing and communication of parallel Gaussian sources. , 2012, , .		1
197	Bounds on the capacity region of a class of Gaussian broadcast interference channels. , 2013, , .		1
198	Interactive function computation with reconstruction constraints. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
199	Interactive relay assisted source coding. , 2013, , .		1
200	Constrained codes for joint energy and information transfer with receiver energy utilization requirements. , 2014, , .		1
201	Wyner-Ziv source coding with feedback and uncertain side information. , 2015, , .		1
202	On the Optimal Two-Antenna Static Beamforming With Per-Antenna Power Constraints. IEEE Signal Processing Letters, 2019, 26, 1388-1392.	2.1	1
203	Fundamental Privacy Limits in Bipartite Networks Under Active Attacks. IEEE Journal on Selected Areas in Communications, 2022, 40, 940-954.	9.7	1
204	Understanding Energy Efficiency and Interference Tolerance in Millimeter Wave Receivers. , 2021, , .		1
205	Successive Refinement of Vector Sources under Individual Distortion Criteria. , 2007, , .		0
206	Relaying under structured interference. , 2012, , .		0
207	Communicating lists over a noisy channel. , 2014, , .		0
208	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.	9.7	0
209	Do open resources encourage entry into the millimeter wave cellular service market?. , 2016, , .		0
210	Do open resources encourage entry into the millimeter wave cellular service market?. , 2016, , .		0
211	Using compression codes in compressed sensing. , 2016, , .		0
212	Capturing capacity and profit gains with base station sharing in mmWave cellular networks. , 2018, , .		0
213	\mathcal{R}^{nyl} Entropy Bounds on the Active Learning Cost-Performance Tradeoff. , 2020, , .		0
214	A Model for Joint Engineering-Economic Analysis of Cellular Systems. IEEE Wireless Communications Letters, 2021, 10, 344-348.	3.2	0
215	On Graph Matching Using Generalized Seed Side-Information. , 2021, , .		0
216	Information Theoretical Limits on Cooperative Communications. , 2010, , 1-28.		0

#	ARTICLE	IF	CITATIONS
217	Interference Reduction in Virtual Cell Optimization. , 2021, , .		0
218	JSAIT Editorial for the Special Issue on "Beyond Errors and Erasures: Coding for Data Management and Delivery in Networks" IEEE Journal on Selected Areas in Information Theory, 2021, 2, 1075-1077.	1.9	0
219	Editorial Issue on "Information Theoretic Foundations of Future Communication Systems" IEEE Journal on Selected Areas in Information Theory, 2022, 3, 2-4.	1.9	0