

# Elza Erkip

## List of Publications by Year in descending order

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219  
papers

17,621  
citations

136950

32  
h-index

58581

82  
g-index

219  
all docs

219  
docs citations

219  
times ranked

7455  
citing authors

#	ARTICLE	IF	CITATIONS
1	MIMO Networks With One-Bit ADCs: Receiver Design and Communication Strategies. IEEE Transactions on Communications, 2022, 70, 1580-1594.	7.8	10
2	Opportunistic Temporal Fair Mode Selection and User Scheduling in Full-Duplex Systems. IEEE Journal on Selected Areas in Communications, 2022, 40, 1632-1651.	14.0	5
3	Fundamental Privacy Limits in Bipartite Networks Under Active Attacks. IEEE Journal on Selected Areas in Communications, 2022, 40, 940-954.	14.0	1
4	Millimeter Wave Wireless Assisted Robot Navigation With Link State Classification. IEEE Open Journal of the Communications Society, 2022, 3, 493-507.	6.9	5
5	Editorial Issue on "Information Theoretic Foundations of Future Communication Systems" IEEE Journal on Selected Areas in Information Theory, 2022, 3, 2-4.	2.5	0
6	A Model for Joint Engineering-Economic Analysis of Cellular Systems. IEEE Wireless Communications Letters, 2021, 10, 344-348.	5.0	0
7	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.	13.9	4
8	A Concentration of Measure Approach to Correlated Graph Matching. IEEE Journal on Selected Areas in Information Theory, 2021, 2, 338-351.	2.5	2
9	On Single-User Interactive Beam Alignment in Next Generation Systems: A Deep Learning Viewpoint. , 2021, , .		5
10	On Graph Matching Using Generalized Seed Side-Information. , 2021, , .		0
11	Capacity Bounds and User Identification Costs in Rayleigh-Fading Many-Access Channel. , 2021, , .		6
12	On Single-User Interactive Beam Alignment in Millimeter Wave Systems: Impact of Feedback Delay. , 2021, , .		2
13	Towards Energy Efficient Mobile Wireless Receivers Above 100 GHz. IEEE Access, 2021, 9, 20704-20716.	4.2	18
14	Multi-Point Coordination in Massive MIMO Systems With Sectorized Antennas. IEEE Transactions on Communications, 2021, 69, 7559-7575.	7.8	2
15	Access Delay Constrained Activity Detection in Massive Random Access. , 2021, , .		2
16	Interference Reduction in Virtual Cell Optimization. , 2021, , .		0
17	Understanding Energy Efficiency and Interference Tolerance in Millimeter Wave Receivers. , 2021, , .		1
18	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.	2.5	0

#	ARTICLE	IF	CITATIONS
19	Centralized Caching and Delivery of Correlated Contents Over Gaussian Broadcast Channels. IEEE Transactions on Communications, 2020, 68, 122-136.	7.8	4
20	Capacity Bounds for Communication Systems with Quantization and Spectral Constraints. , 2020, , .		9
21	Rényi Entropy Bounds on the Active Learning Cost-Performance Tradeoff. , 2020, , .		0
22	On Optimal Multi-user Beam Alignment in Millimeter Wave Wireless Systems. , 2020, , .		9
23	On Throughput of Millimeter Wave MIMO Systems with Low Resolution ADCs. , 2020, , .		7
24	Rate-Distortion-Memory Trade-Offs in Heterogeneous Caching Networks. IEEE Transactions on Wireless Communications, 2020, 19, 3019-3033.	9.2	2
25	Rate-Memory Trade-Off for Caching and Delivery of Correlated Sources. IEEE Transactions on Information Theory, 2020, 66, 2219-2251.	2.4	12
26	Multi-user Beam Alignment for Millimeter Wave Systems in Multi-path Environments. , 2020, , .		3
27	On the Optimal Two-Antenna Static Beamforming With Per-Antenna Power Constraints. IEEE Signal Processing Letters, 2019, 26, 1388-1392.	3.6	1
28	Tradeoff Between Delay and High SNR Capacity in Quantized MIMO Systems. , 2019, , .		8
29	Capacity Scaling in a Non-Coherent Wideband Massive SIMO Block Fading Channel. IEEE Transactions on Wireless Communications, 2019, 18, 5691-5704.	9.2	6
30	A General Framework for Temporal Fair User Scheduling in NOMA Systems. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 408-422.	10.8	17
31	Robust Beam Tracking and Data Communication in Millimeter Wave Mobile Networks. , 2019, , .		11
32	On the Fundamental Limits of Multi-user Scheduling under Short-term Fairness Constraints. , 2019, , .		4
33	A Concentration of Measure Approach to Database De-anonymization. , 2019, , .		13
34	Opportunistic Temporal Fair Mode Selection and User Scheduling for Full-duplex Systems. , 2019, , .		2
35	On Multiterminal Communication over MIMO Channels with One-bit ADCs at the Receivers. , 2019, , .		8
36	Beam Training Optimization in Millimeter-wave Systems under Beamwidth, Modulation and Coding Constraints. , 2019, , .		5

#	ARTICLE	IF	CITATIONS
37	Capacity Scaling of Cellular Networks: Impact of Bandwidth, Infrastructure Density and Number of Antennas. IEEE Transactions on Wireless Communications, 2018, 17, 652-666.	9.2	9
38	Half-Duplex or Full-Duplex Communications: Degrees of Freedom Analysis Under Self-Interference. IEEE Transactions on Wireless Communications, 2018, 17, 1081-1093.	9.2	26
39	Coordinated Multi-Point Massive MIMO Cellular Systems with Sectorized Antennas. , 2018, , .		9
40	Matching Graphs with Community Structure: A Concentration of Measure Approach. , 2018, , .		3
41	Typicality Matching for Pairs of Correlated Graphs. , 2018, , .		9
42	Opportunistic Temporal Fair Scheduling for Non-Orthogonal Multiple Access. , 2018, , .		5
43	Optimal Active social Network De-anonymization Using Information Thresholds. , 2018, , .		9
44	On MIMO Channel Capacity with Output Quantization Constraints. , 2018, , .		23
45	Adaptive Hybrid Beamforming with Massive Phased Arrays in Macro-Cellular Networks. , 2018, , .		9
46	Capturing capacity and profit gains with base station sharing in mmWave cellular networks. , 2018, , .		0
47	On Coding for Cache-Aided Delivery of Dynamic Correlated Content. IEEE Journal on Selected Areas in Communications, 2018, 36, 1666-1681.	14.0	14
48	Completion Time in Two-user Channels: An Information-Theoretic Perspective. IEEE Transactions on Information Theory, 2017, , 1-1.	2.4	2
49	Rate-memory trade-off for the two-user broadcast caching network with correlated sources. , 2017, , .		8
50	Compression-Based Compressed Sensing. IEEE Transactions on Information Theory, 2017, 63, 6735-6752.	2.4	22
51	Unified Capacity Limit of Non-Coherent Wideband Fading Channels. IEEE Transactions on Wireless Communications, 2017, 16, 43-57.	9.2	12
52	Resource sharing among mmWave cellular service providers in a vertically differentiated duopoly. , 2017, , .		12
53	A general framework for MIMO receivers with low-resolution quantization. , 2017, , .		18
54	Broadcast caching networks with two receivers and multiple correlated sources. , 2017, , .		5

#	ARTICLE	IF	CITATIONS
55	Seeded graph matching: Efficient algorithms and theoretical guarantees. , 2017, , .		25
56	An information theoretic framework for active de-anonymization in social networks based on group memberships. , 2017, , .		10
57	Sectoring in multi-cell massive MIMO systems. , 2017, , .		6
58	Joint user scheduling and power optimization in full-duplex cells with successive interference cancellation. , 2017, , .		7
59	Optimal de-anonymization in random graphs with community structure. , 2016, , .		11
60	The impact of beamforming and coordination on spectrum pooling in mmWave cellular networks. , 2016, , .		3
61	Do open resources encourage entry into the millimeter wave cellular service market?. , 2016, , .		0
62	Optimal de-anonymization in random graphs with community structure. , 2016, , .		4
63	Do open resources encourage entry into the millimeter wave cellular service market?. , 2016, , .		0
64	Do open resources encourage entry into the millimeter wave cellular service market?. , 2016, , .		4
65	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.	9.2	3
66	Spectrum Pooling in MmWave Networks: Opportunities, Challenges, and Enablers. , 2016, 54, 33-39.		78
67	Using compression codes in compressed sensing. , 2016, , .		0
68	Rate-distortion dimension of stochastic processes. , 2016, , .		3
69	Capacity and Rate Regions of a Class of Broadcast Interference Channels. IEEE Transactions on Information Theory, 2016, 62, 5556-5572.	2.4	6
70	Low power analog-to-digital conversion in millimeter wave systems: Impact of resolution and bandwidth on performance. , 2015, , .		175
71	Source-Channel Coding Under Energy, Delay, and Buffer Constraints. IEEE Transactions on Wireless Communications, 2015, 14, 3836-3849.	9.2	23
72	Capacity scaling in noncoherent wideband massive SIMO systems. , 2015, , .		5

#	ARTICLE	IF	CITATIONS
73	Bandwidth occupancy of non-coherent wideband fading channels. , 2015, , .		2
74	Wyner-Ziv source coding with feedback and uncertain side information. , 2015, , .		1
75	Energy Harvesting Wireless Communications: A Review of Recent Advances. IEEE Journal on Selected Areas in Communications, 2015, 33, 360-381.	14.0	777
76	Small-Cell Traffic Balancing Over Licensed and Unlicensed Bands. IEEE Transactions on Vehicular Technology, 2015, 64, 5850-5865.	6.3	192
77	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
78	Energy Harvesting Two-Hop Communication Networks. IEEE Journal on Selected Areas in Communications, 2015, 33, 2658-2670.	14.0	43
79	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
80	Wireless Video Multicast With Cooperative and Incremental Transmission of Parity Packets. IEEE Transactions on Multimedia, 2015, 17, 1335-1346.	7.2	8
81	Communicating lists over a noisy channel. , 2014, , .		0
82	Constrained codes for joint energy and information transfer with receiver energy utilization requirements. , 2014, , .		1
83	Millimeter Wave Channel Modeling and Cellular Capacity Evaluation. IEEE Journal on Selected Areas in Communications, 2014, 32, 1164-1179.	14.0	1,814
84	Energy Harvesting Broadband Communication Systems With Processing Energy Cost. IEEE Transactions on Wireless Communications, 2014, 13, 6095-6107.	9.2	77
85	Scaling laws for Infrastructure Single and multihop wireless networks in wideband regimes. , 2014, , .		11
86	Millimeter-Wave Cellular Wireless Networks: Potentials and Challenges. Proceedings of the IEEE, 2014, 102, 366-385.	21.3	1,877
87	Constrained Codes for Joint Energy and Information Transfer. IEEE Transactions on Communications, 2014, 62, 2121-2131.	7.8	42
88	Full-Duplex Cloud Radio Access Networks: An Information-Theoretic Viewpoint. IEEE Wireless Communications Letters, 2014, 3, 413-416.	5.0	49
89	Relay Channel with Orthogonal Components and Structured Interference Known at the Source. IEEE Transactions on Communications, 2013, 61, 1277-1289.	7.8	3
90	A cross-layer multi-hop cooperative network architecture for wireless ad hoc networks. Computer Networks, 2013, 57, 4010-4029.	5.1	6

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91	Bounds on the capacity region of a class of Gaussian broadcast interference channels. , 2013, , .		1
92	Transmission Schemes for Gaussian Interference Channels with Transmitter Processing Energy. IEEE Transactions on Wireless Communications, 2013, 12, 4756-4765.	9.2	3
93	Interactive function computation with reconstruction constraints. , 2013, , .		1
94	Lossy Computing of Correlated Sources with Fractional Sampling. IEEE Transactions on Communications, 2013, 61, 3685-3696.	7.8	3
95	Reliable Joint Source-Channel Cooperative Transmission Over Relay Networks. IEEE Transactions on Information Theory, 2013, 59, 2442-2458.	2.4	19
96	Cooperative Relaying in Next-Generation Mobile WiMAX Networks. IEEE Transactions on Vehicular Technology, 2013, 62, 1399-1405.	6.3	22
97	Throughput maximization for energy harvesting two-hop networks. , 2013, , .		48
98	Video multicast through cooperative incremental parity packet transmission. , 2013, , .		2
99	Millimeter wave picocellular system evaluation for urban deployments. , 2013, , .		46
100	Half-duplex or full-duplex relaying: A capacity analysis under self-interference. , 2013, , .		51
101	A distributed MAC protocol for full duplex radio. , 2013, , .		80
102	Delay-constrained distortion minimization for energy harvesting transmission over a fading channel. , 2013, , .		14
103	Interactive relay assisted source coding. , 2013, , .		1
104	Optimal packet scheduling for an energy harvesting transmitter with processing cost. , 2013, , .		12
105	Two-way wireless video communication using Randomized cooperation, Network Coding and packet level FEC. , 2012, , .		1
106	Energy-efficient sensing and communication of parallel Gaussian sources. , 2012, , .		1
107	RECOMAC: A Cross-Layer Cooperative Network Protocol for Wireless Ad Hoc Networks. , 2012, , .		4
108	On a class of discrete memoryless broadcast interference channels. , 2012, , .		4

#	ARTICLE	IF	CITATIONS
109	Dual-band femtocell traffic balancing over licensed and unlicensed bands. , 2012, , .		35
110	STiCMAC: A MAC Protocol for Robust Space-Time Coding in Cooperative Wireless LANs. IEEE Transactions on Wireless Communications, 2012, 11, 1358-1369.	9.2	23
111	Relaying under structured interference. , 2012, , .		0
112	Throughput maximization for an energy harvesting communication system with processing cost. , 2012, , .		80
113	Lossy computing of correlated sources with fractional sampling. , 2012, , .		8
114	Optimal transmission policies for energy harvesting two-hop networks. , 2012, , .		60
115	Energy harvesting two-hop networks: Optimal policies for the multi-energy arrival case. , 2012, , .		28
116	Energy Management Policies for Energy-Neutral Source-Channel Coding. IEEE Transactions on Communications, 2012, 60, 2668-2678.	7.8	43
117	Energy-Efficient Sensing and Communication of Parallel Gaussian Sources. IEEE Transactions on Communications, 2012, 60, 3826-3835.	7.8	11
118	A framework for femtocells to access both licensed and unlicensed bands. , 2011, , .		45
119	Femtocells in Cellular Radio Networks with Successive Interference Cancellation. , 2011, , .		17
120	Completion time in multi-access channel: An information theoretic perspective. , 2011, , .		10
121	Resource Allocation for the Parallel Relay Channel with Multiple Relays. IEEE Transactions on Wireless Communications, 2011, 10, 792-802.	9.2	25
122	Diversity-Multiplexing Tradeoff for the Multiple-Antenna Wire-tap Channel. IEEE Transactions on Wireless Communications, 2011, 10, 762-771.	9.2	48
123	A Cooperative Routing Framework Based on Randomized Coding in Wireless Ad Hoc Networks. , 2011, , .		2
124	A Secure Communication Game With a Relay Helping the Eavesdropper. IEEE Transactions on Information Forensics and Security, 2011, 6, 818-830.	6.9	36
125	Cooperative Layered Video Multicast Using Randomized Distributed Space Time Codes. IEEE Transactions on Multimedia, 2011, 13, 1127-1140.	7.2	28
126	Hierarchical Mobility via Relaying in Dense Wireless Networks. , 2011, , .		1



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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	Ergodic Fading Interference Channels: Sum-Capacity and Separability. IEEE Transactions on Information Theory, 2011, 57, 2605-2626.	2.4	42
129	Interference Channel With an Out-of-Band Relay. IEEE Transactions on Information Theory, 2011, 57, 2746-2764.	2.4	40
130	On Codebook Information for Interference Relay Channels With Out-of-Band Relaying. IEEE Transactions on Information Theory, 2011, 57, 2880-2888.	2.4	29
131	A Game-Theoretic View of the Interference Channel: Impact of Coordination and Bargaining. IEEE Transactions on Information Theory, 2011, 57, 2805-2820.	2.4	14
132	Robust Communication via Decentralized Processing With Unreliable Backhaul Links. IEEE Transactions on Information Theory, 2011, 57, 4187-4201.	2.4	25
133	Half-duplex gaussian diamond relay channel with interference known at one relay. , 2011, , .		3
134	On the sum capacity of K-user cascade Gaussian Z-interference channel. , 2011, , .		11
135	Completion time in broadcast channel and interference channel. , 2011, , .		6
136	On the Gaussian Z-interference channel with processing energy cost. , 2011, , .		3
137	A Simple Recruitment Scheme of Multiple Nodes for Cooperative MAC. IEEE Transactions on Communications, 2010, 58, 2667-2682.	7.8	21
138	Successive Refinement of Vector Sources Under Individual Distortion Criteria. IEEE Transactions on Information Theory, 2010, 56, 1769-1781.	2.4	10
139	End-to-end performance of randomized distributed space-time codes. , 2010, , .		4
140	Implementation of cooperative communications using software defined radios. , 2010, , .		10
141	A secrecy game with an informed jammer relay. , 2010, , .		5
142	Error resilient video multicast using Randomized Distributed Space Time Codes. , 2010, , .		9
143	Relay channel with structured interference known at the source. , 2010, , .		4
144	Enhanced parity packet transmission for Video multicast using R-DSTC. , 2010, , .		8

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145	Interference channel with a half-duplex Out-of-Band Relay. , 2010, , .		2
146	Diversity-multiplexing tradeoff for MIMO wire-tap channels with CSIT. , 2010, , .		1
147	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
148	Layered Wireless Video Multicast Using Relays. IEEE Transactions on Circuits and Systems for Video Technology, 2010, 20, 1095-1109.	8.3	32
149	Rateless coding for MIMO fading channels: performance limits and code construction. IEEE Transactions on Wireless Communications, 2010, 9, 1288-1292.	9.2	16
150	Coordination and bargaining over the Gaussian interference channel. , 2010, , .		4
151	Alternating-offer bargaining games over the Gaussian interference channel. , 2010, , .		3
152	Cooperative relaying in sensor networks. , 2010, , .		5
153	Information Theoretical Limits on Cooperative Communications. , 2010, , 1-28.		0
154	A broadcast approach to robust communications over unreliable multi-relay networks. , 2009, , .		3
155	Layered randomized cooperative multicast for lossy data: A superposition approach. , 2009, , .		3
156	Robust Cooperative Relaying in a Wireless LAN: Cross-Layer Design and Performance Analysis. , 2009, , .		11
157	Interference channel with a relay: Models, relaying strategies, bounds. , 2009, , .		46
158	Layered video multicast using diversity embedded space time codes. , 2009, , .		7
159	Interference Channel aided by an Infrastructure Relay. , 2009, , .		19
160	Source and Channel Coding for Correlated Sources Over Multiuser Channels. IEEE Transactions on Information Theory, 2009, 55, 3927-3944.	2.4	66
161	Distortion Minimization in Gaussian Layered Broadcast Coding With Successive Refinement. IEEE Transactions on Information Theory, 2009, 55, 5074-5086.	2.4	51
162	Multirelay channel with non-ergodic link failures. , 2009, , .		1

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163	Cooperative Layered Video Multicast Using Randomized Distributed Space Time Codes. , 2009, , .		28
164	A secure communication game with a relay helping the eavesdropper. , 2009, , .		9
165	Cooperative network implementation using open-source platforms. , 2009, 47, 134-141.		46
166	Source Coding under Secrecy Constraints. , 2009, , 173-199.		5
167	Joint Source-Channel Codes for MIMO Block-Fading Channels. IEEE Transactions on Information Theory, 2008, 54, 116-134.	2.4	94
168	Lossy source transmission over the relay channel. , 2008, , .		3
169	Layered randomized cooperation for multicast. , 2008, , .		4
170	On avoiding collisions and promoting cooperation: Catching two birds with one stone. , 2008, , .		10
171	Cognitive relaying with one-sided interference. , 2008, , .		16
172	Wireless video multicast in tactical environments. , 2008, , .		2
173	Diversity-multiplexing tradeoff for the multiple-antenna wire-tap channel. , 2008, , .		3
174	Secure lossless compression with side information. , 2008, , .		38
175	Layered wireless video multicast using omni-directional relays. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	29
176	Lossless compression with security constraints. , 2008, , .		39
177	Sum-capacity of ergodic fading interference and compound multiaccess channels. , 2008, , .		7
178	Ergodic two-user interference channels: Is separability optimal?. , 2008, , .		18
179	Cooperative MAC for Rate Adaptive Randomized Distributed Space-Time Coding. , 2008, , .		17
180	Resource allocation in wireless networks with multiple relays. , 2008, , .		7

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181	Resource allocation for cooperative relaying. , 2008, , .		11
182	Rateless coding for MIMO block fading channels. , 2008, , .		8
183	Correlated Sources over an Asymmetric Multiple Access Channel with One Distortion Criterion. , 2007, , .		6
184	Achievable Rates for the Gaussian Interference Relay Channel. , 2007, , .		110
185	The Relay Channel with a Wire-tapper. , 2007, , .		49
186	Secure Communication with a Relay Helping the Wire-tapper. , 2007, , .		55
187	Reliable Cooperative Source Transmission with Side Information. , 2007, , .		20
188	Source Transmission over Relay Channel with Correlated Relay Side Information. , 2007, , .		7
189	Transmission of Correlated Sources Over Multiuser Channels with Receiver Side Information. , 2007, , .		3
190	Opportunistic cooperation by dynamic resource allocation. IEEE Transactions on Wireless Communications, 2007, 6, 1446-1454.	9.2	200
191	Successive Refinement of Vector Sources under Individual Distortion Criteria. , 2007, , .		0
192	On Achievable Rates for Interference Relay Channel with Interference Cancellation. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .	0.0	40
193	Minimum Expected Distortion in Gaussian Layered Broadcast Coding with Successive Refinement. , 2007, , .		28
194	Cooperative Transmission of Correlated Gaussian Sources. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .	0.0	3
195	Total Power Minimization for Multiuser Video Communications Over CDMA Networks. IEEE Transactions on Circuits and Systems for Video Technology, 2007, 17, 674-685.	8.3	4
196	Dynamic Resource Allocation for Multi Source-Destination Relay Networks. , 2007, , .		4
197	Interference Channel and Compound MAC with Correlated Sources and Receiver Side Information. , 2007, , .		4
198	Dynamic Resource Allocation For The Broadband Relay Channel. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .	0.0	4

#	ARTICLE	IF	CITATIONS
199	Lossless Transmission of Correlated Sources over a Multiple Access Channel with Side Information. , 2007, , .		9
200	Code designs for cooperative communication. IEEE Signal Processing Magazine, 2007, 24, 16-26.	5.6	32
201	Cooperative Source and Channel Coding for Wireless Multimedia Communications. IEEE Journal on Selected Topics in Signal Processing, 2007, 1, 295-307.	10.8	32
202	Source and Channel Coding for Cooperative Relaying. IEEE Transactions on Information Theory, 2007, 53, 3454-3475.	2.4	84
203	Multiple-Antenna Cooperative Wireless Systems: A Diversity&#x2013;Multiplexing Tradeoff Perspective. IEEE Transactions on Information Theory, 2007, 53, 3371-3393.	2.4	280
204	Diversity-Multiplexing Tradeoff in Cooperative Wireless Systems. , 2006, , .		27
205	CTH15-5: Rate Adaptation for Cooperative Systems. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	16
206	Advances in smart antennas - Cooperative wireless communications: a cross-layer approach. IEEE Wireless Communications, 2006, 13, 84-92.	9.0	198
207	Cooperative regions and partner choice in coded Cooperative systems. IEEE Transactions on Communications, 2006, 54, 1323-1334.	7.8	124
208	Cooperative Source and Channel Coding for Wireless Video Transmission. , 2006, , .		8
209	Distortion Exponent of Parallel Fading Channels. , 2006, , .		14
210	Diversity-Multiplexing Tradeoff in Multiple-Antenna Relay Systems. , 2006, , .		14
211	Cooperative Space&#x2013;Time Coding for Wireless Networks. IEEE Transactions on Communications, 2005, 53, 1804-1809.	7.8	119
212	Low-complexity iterative multiuser detection and decoding for real-time applications. IEEE Transactions on Wireless Communications, 2005, 4, 1455-1460.	9.2	1
213	Cooperative Coding for Wireless Networks. IEEE Transactions on Communications, 2004, 52, 1470-1476.	7.8	391
214	On beamforming with finite rate feedback in multiple-antenna systems. IEEE Transactions on Information Theory, 2003, 49, 2562-2579.	2.4	748
215	User cooperation diversity-part I: system description. IEEE Transactions on Communications, 2003, 51, 1927-1938.	7.8	5,486
216	User cooperation diversity-part II: implementation aspects and performance analysis. IEEE Transactions on Communications, 2003, 51, 1939-1948.	7.8	1,958

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217	Power efficient multimedia communication over wireless channels. IEEE Journal on Selected Areas in Communications, 2003, 21, 1738-1751.	14.0	62
218	Spreading and power allocation for multiple antenna transmission using decorrelating receivers. IEEE Transactions on Wireless Communications, 2003, 2, 436-445.	9.2	1
219	The efficiency of investment information. IEEE Transactions on Information Theory, 1998, 44, 1026-1040.	2.4	52