

Sennur Ulukus

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6328968/sennur-ulukus-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

250
papers

7,414
citations

39
h-index

79
g-index

284
ext. papers

9,232
ext. citations

5.7
avg, IF

7.06
L-index

#	Paper	IF	Citations
250	Transmission with Energy Harvesting Nodes in Fading Wireless Channels: Optimal Policies. <i>IEEE Journal on Selected Areas in Communications</i> , 2011 , 29, 1732-1743	14.2	755
249	. <i>IEEE Journal on Selected Areas in Communications</i> , 2015 , 33, 360-381	14.2	602
248	Optimal Packet Scheduling in an Energy Harvesting Communication System. <i>IEEE Transactions on Communications</i> , 2012 , 60, 220-230	6.9	571
247	. <i>IEEE Transactions on Wireless Communications</i> , 2012 , 11, 571-583	9.6	208
246	Achievable Rates in Gaussian MISO Channels with Secrecy Constraints 2007 ,		196
245	Energy Cooperation in Energy Harvesting Communications. <i>IEEE Transactions on Communications</i> , 2013 , 61, 4884-4898	6.9	189
244	Achieving AWGN Capacity Under Stochastic Energy Harvesting. <i>IEEE Transactions on Information Theory</i> , 2012 , 58, 6471-6483	2.8	181
243	Towards the Secrecy Capacity of the Gaussian MIMO Wire-Tap Channel: The 2-2-1 Channel. <i>IEEE Transactions on Information Theory</i> , 2009 , 55, 4033-4039	2.8	181
242	Optimal packet scheduling in a multiple access channel with energy harvesting transmitters. <i>Journal of Communications and Networks</i> , 2012 , 14, 140-150	4.1	176
241	The Capacity of Private Information Retrieval From Coded Databases. <i>IEEE Transactions on Information Theory</i> , 2018 , 64, 1945-1956	2.8	173
240	. <i>IEEE Transactions on Information Theory</i> , 2011 , 57, 2083-2114	2.8	152
239	Optimal Broadcast Scheduling for an Energy Harvesting Rechargeable Transmitter with a Finite Capacity Battery. <i>IEEE Transactions on Wireless Communications</i> , 2012 , 11, 2193-2203	9.6	148
238	Wireless Physical-Layer Security: Lessons Learned From Information Theory. <i>Proceedings of the IEEE</i> , 2015 , 103, 1814-1825	14.3	104
237	Secrecy in Cooperative Relay Broadcast Channels. <i>IEEE Transactions on Information Theory</i> , 2011 , 57, 137-155	2.8	88
236	. <i>IEEE Transactions on Information Theory</i> , 2014 , 60, 3359-3378	2.8	83
235	Optimum Power Allocation for Single-User MIMO and Multi-User MIMO-MAC with Partial CSI. <i>IEEE Journal on Selected Areas in Communications</i> , 2007 , 25, 1402-1412	14.2	75
234	Information-theoretic analysis of an energy harvesting communication system 2010 ,		73

233	. <i>IEEE Transactions on Information Theory</i> , 2019 , 65, 1206-1219	2.8	73
232	2017 ,		70
231	. <i>IEEE Journal on Selected Areas in Communications</i> , 2015 , 33, 467-481	14.2	67
230	On the secrecy of multiple access wiretap channel 2008 ,		65
229	Age-Minimal Transmission for Energy Harvesting Sensors With Finite Batteries: Online Policies. <i>IEEE Transactions on Information Theory</i> , 2020 , 66, 534-556	2.8	61
228	. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 1183-1210	14.2	61
227	Transmission completion time minimization in an energy harvesting system 2010 ,		60
226	Multi-Message Private Information Retrieval: Capacity Results and Near-Optimal Schemes. <i>IEEE Transactions on Information Theory</i> , 2018 , 64, 6842-6862	2.8	59
225	Secrecy Capacity of a Class of Broadcast Channels with an Eavesdropper. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2009 , 2009,	3.2	59
224	. <i>IEEE Transactions on Information Theory</i> , 2015 , 61, 2647-2661	2.8	54
223	Optimality of beamforming in fading MIMO multiple access channels. <i>IEEE Transactions on Communications</i> , 2009 , 57, 1171-1183	6.9	54
222	Energy cooperation in energy harvesting wireless communications 2012 ,		54
221	Optimal Energy Allocation for Energy Harvesting Transmitters With Hybrid Energy Storage and Processing Cost. <i>IEEE Transactions on Signal Processing</i> , 2014 , 62, 3232-3245	4.8	53
220	AWGN channel under time-varying amplitude constraints with causal information at the transmitter 2011 ,		51
219	Age minimization in energy harvesting communications: Energy-controlled delays 2017 ,		48
218	Mutual Information Games in Multiuser Channels With Correlated Jamming. <i>IEEE Transactions on Information Theory</i> , 2009 , 55, 4598-4607	2.8	48
217	Fundamental Limits of Cache-Aided Private Information Retrieval With Unknown and Uncoded Prefetching. <i>IEEE Transactions on Information Theory</i> , 2019 , 65, 3215-3232	2.8	46
216	Optimal Policies for Wireless Networks With Energy Harvesting Transmitters and Receivers: Effects of Decoding Costs. <i>IEEE Journal on Selected Areas in Communications</i> , 2015 , 33, 2611-2625	14.2	46

215	Age-Minimal Online Policies for Energy Harvesting Sensors with Random Battery Recharges 2018 ,		43
214	Capacity Region of Gaussian MIMO Broadcast Channels With Common and Confidential Messages. <i>IEEE Transactions on Information Theory</i> , 2012 , 58, 5669-5680	2.8	42
213	Optimal Packet Scheduling in a Multiple Access Channel with Rechargeable Nodes 2011 ,		41
212	Ergodic Secret Alignment. <i>IEEE Transactions on Information Theory</i> , 2012 , 58, 1594-1611	2.8	39
211	Binary energy harvesting channel with finite energy storage 2013 ,		39
210	Deaf Cooperation and Relay Selection Strategies for Secure Communication in Multiple Relay Networks. <i>IEEE Transactions on Signal Processing</i> , 2013 , 61, 1544-1554	4.8	37
209	Age of information in multihop multicast networks. <i>Journal of Communications and Networks</i> , 2019 , 21, 256-267	4.1	36
208	Age-Minimal Online Policies for Energy Harvesting Sensors with Incremental Battery Recharges 2018 ,		35
207	Coded status updates in an energy harvesting erasure channel 2018 ,		35
206	Cache-Aided Private Information Retrieval With Partially Known Uncoded Prefetching: Fundamental Limits. <i>IEEE Journal on Selected Areas in Communications</i> , 2018 , 36, 1126-1139	14.2	34
205	Secure Degrees of Freedom of MIMO Rayleigh Block Fading Wiretap Channels With No CSI Anywhere. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 2655-2669	9.6	33
204	Age of Information in Two-Hop Multicast Networks 2018 ,		33
203	Online Timely Status Updates with Erasures for Energy Harvesting Sensors 2018 ,		31
202	Timely Updates in Energy Harvesting Two-Hop Networks: Offline and Online Policies. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 4017-4030	9.6	30
201	Speeding Up Distributed Gradient Descent by Utilizing Non-persistent Stragglers 2019 ,		30
200	. <i>IEEE Transactions on Wireless Communications</i> , 2010 , 9, 2754-2767	9.6	28
199	Power Control for Fading Cooperative Multiple Access Channels. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 2915-2923	9.6	28
198	The Capacity of Private Information Retrieval With Partially Known Private Side Information. <i>IEEE Transactions on Information Theory</i> , 2019 , 65, 8222-8231	2.8	27

197	Energy harvesting diamond channel with energy cooperation 2014,		27
196	Effects of cooperation on the secrecy of multiple access channels with generalized feedback 2008,		27
195	. <i>IEEE Transactions on Green Communications and Networking</i> , 2017 , 1, 3-16	4	26
194	Degraded Compound Multi-Receiver Wiretap Channels. <i>IEEE Transactions on Information Theory</i> , 2012 , 58, 5681-5698	2.8	26
193	Secure communication in multiple relay networks through decode-and-forward strategies. <i>Journal of Communications and Networks</i> , 2012 , 14, 352-363	4.1	26
192	Polar Coding for the General Wiretap Channel With Extensions to Multiuser Scenarios. <i>IEEE Journal on Selected Areas in Communications</i> , 2016 , 34, 278-291	14.2	25
191	Secure degrees of freedom of the Gaussian wiretap channel with helpers 2012,		25
190	Dependence Balance Based Outer Bounds for Gaussian Networks With Cooperation and Feedback. <i>IEEE Transactions on Information Theory</i> , 2011 , 57, 4063-4086	2.8	25
189	Optimal Energy and Data Routing in Networks With Energy Cooperation. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 857-870	9.6	24
188	Secure Degrees of Freedom of One-Hop Wireless Networks With No Eavesdropper CSIT. <i>IEEE Transactions on Information Theory</i> , 2017 , 63, 1898-1922	2.8	24
187	The Capacity Region of a Class of Discrete Degraded Interference Channels. <i>IEEE Transactions on Information Theory</i> , 2008 , 54, 4372-4378	2.8	24
186	Over-the-Air Adversarial Attacks on Deep Learning Based Modulation Classifier over Wireless Channels 2020,		24
185	Sending Information Through Status Updates 2018,		24
184	Gaussian Wiretap Channel With Amplitude and Variance Constraints. <i>IEEE Transactions on Information Theory</i> , 2015 , 61, 5553-5563	2.8	23
183	Energy cooperation in energy harvesting two-way communications 2013,		23
182	Secrecy in cooperative relay broadcast channels 2008,		23
181	. <i>IEEE Journal on Selected Areas in Communications</i> , 2016 , 34, 3696-3708	14.2	22
180	Age of Information in Multicast Networks with Multiple Update Streams 2019,		22

179	2019,			22
178	Two-way and multiple-access energy harvesting systems with energy cooperation 2012,			21
177	Cooperative Diamond Channel With Energy Harvesting Nodes. <i>IEEE Journal on Selected Areas in Communications</i> , 2016 , 34, 1604-1617	14.2		21
176	Asymmetry Hurts: Private Information Retrieval Under Asymmetric Traffic Constraints. <i>IEEE Transactions on Information Theory</i> , 2019 , 65, 7628-7645	2.8		21
175	On Gaussian MIMO compound wiretap channels 2010,			20
174	2019,			20
173	Wireless Power Transfer for Future Networks: Signal Processing, Machine Learning, Computing, and Sensing. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2021 , 1-1	7.5		20
172	. <i>IEEE Transactions on Information Theory</i> , 2017 , 63, 3823-3853	2.8		19
171	. <i>IEEE Transactions on Wireless Communications</i> , 2010 , 9, 632-640	9.6		19
170	Joint channel estimation and resource allocation for MIMO systems-part I: single-user analysis. <i>IEEE Transactions on Wireless Communications</i> , 2010 , 9, 624-631	9.6		19
169	Information Freshness in Cache Updating Systems. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 1861-1874	9.6		19
168	Minimizing age of information with soft updates. <i>Journal of Communications and Networks</i> , 2019 , 21, 233-243	4.1		18
167	Straggler-Aware Distributed Learning: Communication-Computation Latency Trade-Off. <i>Entropy</i> , 2020 , 22,	2.8		18
166	Resource management for fading wireless channels with energy harvesting nodes 2011,			18
165	Secure Degrees of Freedom Regions of Multiple Access and Interference Channels: The Polytope Structure. <i>IEEE Transactions on Information Theory</i> , 2016 , 62, 2044-2069	2.8		17
164	An Outer Bound for the Vector Gaussian CEO Problem. <i>IEEE Transactions on Information Theory</i> , 2014 , 60, 6870-6887	2.8		17
163	Age of Information for Updates with Distortion 2019,			17
162	The Capacity of Private Information Retrieval From Heterogeneous Uncoded Caching Databases. <i>IEEE Transactions on Information Theory</i> , 2020 , 66, 3407-3416	2.8		16

161	Multi-Receiver Wiretap Channel With Public and Confidential Messages. <i>IEEE Transactions on Information Theory</i> , 2013 , 59, 2165-2177	2.8	16
160	Partial Updates: Losing Information for Freshness 2020 ,		16
159	Online policies for multiple access channel with common energy harvesting source 2016 ,		16
158	Private Information Retrieval from Non-Replicated Databases 2019 ,		16
157	Age of Information Scaling in Large Networks with Hierarchical Cooperation 2019 ,		16
156	Age of Information Scaling in Large Networks 2019 ,		15
155	Adaptive transmission policies for energy harvesting wireless nodes in fading channels 2011 ,		15
154	Achieving the Capacity Region Boundary of Fading CDMA Channels via Generalized Iterative Waterfilling. <i>IEEE Transactions on Wireless Communications</i> , 2006 , 5, 3215-3223	9.6	15
153	The Binary Energy Harvesting Channel With a Unit-Sized Battery. <i>IEEE Transactions on Information Theory</i> , 2017 , 63, 4240-4256	2.8	14
152	Timely Distributed Computation With Stragglers. <i>IEEE Transactions on Communications</i> , 2020 , 68, 5273-5282	2.8	14
151	Private Information Retrieval Through Wiretap Channel II: Privacy Meets Security. <i>IEEE Transactions on Information Theory</i> , 2020 , 66, 4129-4149	2.8	14
150	Multi-message private information retrieval 2017 ,		14
149	Capacity-Equivocation Region of the Gaussian MIMO Wiretap Channel. <i>IEEE Transactions on Information Theory</i> , 2012 , 58, 5699-5710	2.8	14
148	Optimal transmission schemes for parallel and fading Gaussian broadcast channels with an energy harvesting rechargeable transmitter. <i>Computer Communications</i> , 2013 , 36, 1360-1372	5.1	14
147	Fading wiretap channel with no CSI anywhere 2013 ,		14
146	Gaussian MIMO broadcast channels with common and confidential messages 2010 ,		14
145	Who Should Google Scholar Update More Often? 2020 ,		14
144	Noisy Private Information Retrieval: On Separability of Channel Coding and Information Retrieval. <i>IEEE Transactions on Information Theory</i> , 2019 , 65, 8232-8249	2.8	13

143	. <i>IEEE Transactions on Communications</i> , 2018 , 66, 2904-2917	6.9	13
142	. <i>IEEE Transactions on Green Communications and Networking</i> , 2017 , 1, 281-293	4	13
141	On secure broadcasting 2008 ,		13
140	The Capacity of Private Information Retrieval With Private Side Information Under Storage Constraints. <i>IEEE Transactions on Information Theory</i> , 2020 , 66, 2023-2031	2.8	13
139	Age of Information with Soft Updates 2018 ,		13
138	Gaussian wiretap channel with an amplitude constraint 2012 ,		12
137	Secure broadcasting using multiple antennas. <i>Journal of Communications and Networks</i> , 2010 , 12, 411-432	4.1	12
136	Secrecy capacity region of the Gaussian multi-receiver wiretap channel 2009 ,		12
135	An Outer Bound for Multiple Access Channels with Correlated Sources 2006 ,		12
134	2019 ,		12
133	. <i>IEEE Transactions on Communications</i> , 2018 , 66, 2918-2930	6.9	11
132	Energy Harvesting Transmitters That Heat Up: Throughput Maximization Under Temperature Constraints. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 5440-5452	9.6	11
131	. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 2975-2986	9.6	11
130	On the capacity region of the Gaussian MAC with batteryless energy harvesting transmitters 2012 ,		11
129	The Capacity of Private Information Retrieval from Decentralized Uncoded Caching Databases. <i>Information (Switzerland)</i> , 2019 , 10, 372	2.6	11
128	Age of Information in G/G/1/1 Systems: Age Expressions, Bounds, Special Cases, and Optimization. <i>IEEE Transactions on Information Theory</i> , 2021 , 1-1	2.8	11
127	2019 ,		10
126	Secure Degrees of Freedom of the Multiple Access Wiretap Channel With Multiple Antennas. <i>IEEE Transactions on Information Theory</i> , 2018 , 64, 2093-2103	2.8	10

125	. <i>IEEE Transactions on Communications</i> , 2016 , 64, 3872-3885	6.9	10
124	Novel decentralized coded caching through coded prefetching 2017 ,		10
123	Real interference alignment for the K-user Gaussian interference compound wiretap channel 2010 ,		10
122	Optimal Packet Scheduling in a Broadcast Channel with an Energy Harvesting Transmitter 2011 ,		10
121	Covert bits through queues 2016 ,		10
120	Secure Degrees of Freedom Region of Static and Time-Varying Gaussian MIMO Interference Channel. <i>IEEE Transactions on Information Theory</i> , 2019 , 65, 444-461	2.8	9
119	Private information retrieval from coded databases 2017 ,		9
118	Polar coding for the general wiretap channel 2015 ,		9
117	An Outer Bound for the Gaussian MIMO Broadcast Channel With Common and Private Messages. <i>IEEE Transactions on Information Theory</i> , 2012 , 58, 6766-6772	2.8	9
116	Unified secure DoF analysis of K-user Gaussian interference channels 2013 ,		9
115	A new achievable ergodic secrecy rate region for the fading multiple access wiretap channel 2009 ,		9
114	Secure lossy source coding with side information 2011 ,		9
113	Capacity of a class of diamond channels 2008 ,		9
112	A new upper bound on the capacity of a class of primitive relay channels 2008 ,		9
111	Coded caching with multiple file requests 2017 ,		8
110	Energy harvesting communications under temperature constraints 2016 ,		8
109	Deaf Cooperation for Secrecy With Multiple Antennas at the Helper. <i>IEEE Transactions on Information Forensics and Security</i> , 2012 , 7, 1855-1864	8	8
108	Secure source coding with a helper 2009 ,		8

107	Outer Bounds for Multiple-Access Channels With Feedback Using Dependence Balance. <i>IEEE Transactions on Information Theory</i> , 2009 , 55, 4494-4507	2.8	8
106	Optimal Selective Encoding for Timely Updates 2020 ,		7
105	. <i>IEEE Transactions on Green Communications and Networking</i> , 2018 , 2, 143-153	4	7
104	Online scheduling for energy harvesting broadcast channels with finite battery 2016 ,		7
103	Wiretap Channels: Implications of the More Capable Condition and Cyclic Shift Symmetry. <i>IEEE Transactions on Information Theory</i> , 2013 , 59, 2153-2164	2.8	7
102	Energy harvesting networks with general utility functions: Near optimal online policies 2017 ,		7
101	Energy Harvesting Multiple Access Channel with Data Arrivals 2015 ,		7
100	Secure degrees of freedom of the multiple access wiretap channel with no eavesdropper CSI 2015 ,		7
99	Capacity of the energy harvesting channel with energy arrival information at the receiver 2014 ,		7
98	Diamond channel with partially separated relays 2010 ,		7
97	Secrecy in MIMO Networks With No Eavesdropper CSIT. <i>IEEE Transactions on Communications</i> , 2017 , 1-1	6.9	6
96	Online Scheduling for Energy Harvesting Two-Way Channels with Processing Costs 2016 ,		6
95	Sum Secure Degrees of Freedom of Two-Unicast Layered Wireless Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2013 , 31, 1931-1943	14.2	6
94	2015 ,		6
93	Secure degrees of freedom of the Gaussian MIMO interference channel 2015 ,		6
92	Single-user and multiple access channels with energy harvesting transmitters and receivers 2014 ,		6
91	State amplification and state masking for the binary energy harvesting channel 2014 ,		6
90	. <i>IEEE Transactions on Information Theory</i> , 2013 , 59, 5466-5487	2.8	6

89	Trading Rate for Balanced Queue Lengths for Network Delay Minimization. <i>IEEE Journal on Selected Areas in Communications</i> , 2011 , 29, 988-996	14.2	6
88	Gaussian MIMO Multi-Receiver Wiretap Channel 2009 ,		6
87	Optimal Distortion-Power Tradeoffs in Gaussian Sensor Networks 2006 ,		6
86	Adversarial Attacks with Multiple Antennas Against Deep Learning-Based Modulation Classifiers 2020 ,		6
85	Adversarial Attacks against Deep Learning Based Power Control in Wireless Communications 2021 ,		6
84	An Alternative Proof for the Capacity Region of the Degraded Gaussian MIMO Broadcast Channel. <i>IEEE Transactions on Information Theory</i> , 2012 , 58, 2427-2433	2.8	5
83	2014 ,		5
82	Optimal scheduling for energy harvesting transmitters with hybrid energy storage 2013 ,		5
81	Degrees of Freedom Region of the Gaussian MIMO Broadcast Channel with Common and Private Messages 2010 ,		5
80	On Gaussian MIMO broadcast channels with common and private messages 2010 ,		5
79	Delay minimization with a general pentagon rate region 2010 ,		5
78	Secrecy capacity region of the degraded compound multi-receiver wiretap channel 2009 ,		5
77	An outer bound for the vector Gaussian CEO problem 2012 ,		5
76	Maximizing Information Freshness in Caching Systems with Limited Cache Storage Capacity 2020 ,		5
75	How to Make 5G Communications "Invisible": Adversarial Machine Learning for Wireless Privacy 2020 ,		5
74	Channel-Aware Adversarial Attacks Against Deep Learning-Based Wireless Signal Classifiers. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	5
73	Multi-Party Private Set Intersection: An Information-Theoretic Approach. <i>IEEE Journal on Selected Areas in Information Theory</i> , 2021 , 2, 366-379	2.5	5
72	Scaling Laws for Age of Information in Wireless Networks. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 2413-2427	9.6	5

71	Timely Communication in Federated Learning 2021 ,		5
70	Freshness Based Cache Updating in Parallel Relay Networks 2021 ,		5
69	Private information retrieval with partially known private side information 2018 ,		4
68	The binary energy harvesting channel with on-off fading 2015 ,		4
67	Secure degrees of freedom region of the Gaussian interference channel with secrecy constraints 2014 ,		4
66	Gaussian wiretap channel with a batteryless energy harvesting transmitter 2012 ,		4
65	Secure degrees of freedom of the Gaussian multiple access wiretap channel 2013 ,		4
64	Optimal scheduling over fading broadcast channels with an energy harvesting transmitter 2011 ,		4
63	Optimizing the rate of a correlated MIMO link jointly over channel estimation and data transmission parameters 2008 ,		4
62	Secrecy capacity of the 2-2-1 gaussian MIMO wire-tap channel 2008 ,		4
61	Optimum Power Allocation in Fading MIMO Multiple Access Channels with Partial CSI at the Transmitters 2006 ,		4
60	Private Set Intersection: A Multi-Message Symmetric Private Information Retrieval Perspective. <i>IEEE Transactions on Information Theory</i> , 2021 , 1-1	2.8	4
59	Age of Gossip in Networks with Community Structure 2021 ,		4
58	Optimal Selective Encoding for Timely Updates with Empty Symbol 2020 ,		4
57	MIMO one hop networks with no eves CSIT 2016 ,		4
56	Energy and Data Cooperative Multiple Access Channel With Intermittent Data Arrivals. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 2016-2028	9.6	4
55	. <i>IEEE Transactions on Communications</i> , 2021 , 69, 5714-5726	6.9	4
54	. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 6680-6692	9.6	3

53	Energy harvesting cooperative diamond channel 2015 ,		3
52	Gaussian MIMO wiretap channel under receiver side power constraints 2014 ,		3
51	Special issue on energy harvesting in wireless networks. <i>Journal of Communications and Networks</i> , 2012 , 14, 115-120	4.1	3
50	Optimal Distortion-Power Tradeoffs in Sensor Networks: Gauss-Markov Random Processes 2006 ,		3
49	An Outer Bound for the Multi-Terminal Rate-Distortion Region 2006 ,		3
48	Private Retrieval, Computing and Learning: Recent Progress and Future Challenges. <i>IEEE Journal on Selected Areas in Communications</i> , 2022 , 1-1	14.2	3
47	Semantic Private Information Retrieval. <i>IEEE Transactions on Information Theory</i> , 2021 , 1-1	2.8	3
46	2020 ,		3
45	2020 ,		3
44	Channel Effects on Surrogate Models of Adversarial Attacks against Wireless Signal Classifiers 2021 ,		3
43	2016 ,		3
42	Energy harvesting cooperative multiple access channel with data arrivals 2016 ,		3
41	. <i>IEEE Transactions on Green Communications and Networking</i> , 2021 , 1-1	4	3
40	Age of Information for Updates With Distortion: Constant and Age-Dependent Distortion Constraints. <i>IEEE/ACM Transactions on Networking</i> , 2021 , 1-14	3.8	3
39	. <i>IEEE Journal on Selected Areas in Communications</i> , 2015 , 33, 357-359	14.2	2
38	Energy harvesting communications with hybrid energy storage and processing cost 2013 ,		2
37	Even symmetric parallel linear deterministic interference channels are inseparable 2013 ,		2
36	Degraded Gaussian MIMO multi-receiver wiretap channel with public and confidential messages 2010 ,		2

35	Energy state amplification in an energy harvesting communication system 2012 ,		2
34	Cache-Aided Private Information Retrieval with Partially Known Uncoded Prefetching 2018 ,		2
33	Timely Tracking of Infection Status of Individuals in a Population 2021 ,		2
32	Symmetric Private Information Retrieval with User-Side Common Randomness 2021 ,		2
31	Partial strong converse for the non-degraded wiretap channel 2016 ,		2
30	Energy harvesting cooperative multiple access channel with decoding costs 2016 ,		2
29	Real interference alignment for the MIMO multiple access wiretap channel 2016 ,		2
28	Private Information Retrieval from Decentralized Uncoded Caching Databases 2019 ,		2
27	Private Information Retrieval from Heterogeneous Uncoded Caching Databases 2019 ,		2
26	Private Information Retrieval Through Wiretap Channel II 2018 ,		2
25	Timely Private Information Retrieval 2021 ,		2
24	Version Age of Information in Clustered Gossip Networks. <i>IEEE Journal on Selected Areas in Information Theory</i> , 2022 , 1-1	2.5	2
23	Secure Degrees of Freedom in Networks with User Misbehavior. <i>Entropy</i> , 2019 , 21, 945	2.8	1
22	Wireless information and energy transfer under temperature constraints 2017 ,		1
21	Inseparability of the multiple access wiretap channel 2014 ,		1
20	Transmission of common, public and confidential messages in broadcast channels with multiple antennas 2010 ,		1
19	Capacity of a class of semi-deterministic primitive relay channels 2010 ,		1
18	Secure lossy transmission of vector Gaussian sources 2011 ,		1

17	Delay minimization in multiple access channels 2009 ,		1
16	On the rate-limited Gelfand-Pinsker problem 2009 ,		1
15	Decode-and-Forward based strategies for secrecy in multiple-relay networks 2012 ,		1
14	A New Upper Bound for a Binary Additive Noisy Multiple Access Channel with Feedback 2008 ,		1
13	Scaling Laws for Dense Gaussian Sensor Networks and the Order Optimality of Separation. <i>IEEE Transactions on Information Theory</i> , 2007 , 53, 3654-3676	2.8	1
12	Coded Distributed Computing with Partial Recovery. <i>IEEE Transactions on Information Theory</i> , 2021 , 1-1	2.8	1
11	Guest Editorial Age of Information. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 1179-1182	4.2	1
10	Multiband jamming strategies with minimum rate constraints 2016 ,		1
9	Private Information Retrieval with Private Side Information Under Storage Constraints 2018 ,		1
8	2018 ,		1
7	Gossiping with Binary Freshness Metric 2021 ,		1
6	Interference Avoidance for CDMA Systems 365-416		
5	Guest Editorial Signal Processing Advances in Wireless Transmission of Information and Power. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2021 , 15, 1056-1059	7.5	
4	Guest Editorial for Special Issue on Coded Computing. <i>IEEE Journal on Selected Areas in Information Theory</i> , 2021 , 2, 813-813	2.5	
3	Privacy in Retrieval, Computing, and Learning. <i>IEEE Journal on Selected Areas in Communications</i> , 2022 , 40, 725-728	14.2	
2	Editorial Issue on Information Theoretic Foundations of Future Communication Systems <i>IEEE Journal on Selected Areas in Information Theory</i> , 2022 , 3, 2-4	2.5	
1	Using Timeliness in Tracking Infections. <i>Entropy</i> , 2022 , 24, 779	2.8	