

Sennur Ulukus

List of Publications by Year in descending order

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283
papers

10,558
citations

76294

40
h-index

48277

88
g-index

284
all docs

284
docs citations

284
times ranked

3758
citing authors

#	ARTICLE	IF	CITATIONS
1	Transmission with Energy Harvesting Nodes in Fading Wireless Channels: Optimal Policies. IEEE Journal on Selected Areas in Communications, 2011, 29, 1732-1743.	9.7	950
2	Energy Harvesting Wireless Communications: A Review of Recent Advances. IEEE Journal on Selected Areas in Communications, 2015, 33, 360-381.	9.7	777
3	Optimal Packet Scheduling in an Energy Harvesting Communication System. IEEE Transactions on Communications, 2012, 60, 220-230.	4.9	708
4	Age of Information: An Introduction and Survey. IEEE Journal on Selected Areas in Communications, 2021, 39, 1183-1210.	9.7	383
5	Broadcasting with an Energy Harvesting Rechargeable Transmitter. IEEE Transactions on Wireless Communications, 2012, 11, 571-583.	6.1	265
6	Achievable Rates in Gaussian MISO Channels with Secrecy Constraints. , 2007, , .		248
7	The Capacity of Private Information Retrieval From Coded Databases. IEEE Transactions on Information Theory, 2018, 64, 1945-1956.	1.5	240
8	Energy Cooperation in Energy Harvesting Communications. IEEE Transactions on Communications, 2013, 61, 4884-4898.	4.9	239
9	Towards the Secrecy Capacity of the Gaussian MIMO Wire-Tap Channel: The 2-2-1 Channel. IEEE Transactions on Information Theory, 2009, 55, 4033-4039.	1.5	227
10	Achieving AWGN Capacity Under Stochastic Energy Harvesting. IEEE Transactions on Information Theory, 2012, 58, 6471-6483.	1.5	224
11	Optimal packet scheduling in a multiple access channel with energy harvesting transmitters. Journal of Communications and Networks, 2012, 14, 140-150.	1.8	217
12	The Secrecy Capacity Region of the Gaussian MIMO Multi-Receiver Wiretap Channel. IEEE Transactions on Information Theory, 2011, 57, 2083-2114.	1.5	198
13	Optimal Broadcast Scheduling for an Energy Harvesting Rechargeable Transmitter with a Finite Capacity Battery. IEEE Transactions on Wireless Communications, 2012, 11, 2193-2203.	6.1	187
14	Wireless Physical-Layer Security: Lessons Learned From Information Theory. Proceedings of the IEEE, 2015, 103, 1814-1825.	16.4	139
15	Age-Minimal Transmission for Energy Harvesting Sensors With Finite Batteries: Online Policies. IEEE Transactions on Information Theory, 2020, 66, 534-556.	1.5	138
16	Secrecy in Cooperative Relay Broadcast Channels. IEEE Transactions on Information Theory, 2011, 57, 137-155.	1.5	127
17	The Capacity of Private Information Retrieval from Byzantine and Colluding Databases. IEEE Transactions on Information Theory, 2019, 65, 1206-1219.	1.5	115
18	Secure Degrees of Freedom of One-Hop Wireless Networks. IEEE Transactions on Information Theory, 2014, 60, 3359-3378.	1.5	106

#	ARTICLE	IF	CITATIONS
19	Optimum Power Allocation for Single-User MIMO and Multi-User MIMO-MAC with Partial CSI. IEEE Journal on Selected Areas in Communications, 2007, 25, 1402-1412.	9.7	104
20	Multi-Message Private Information Retrieval: Capacity Results and Near-Optimal Schemes. IEEE Transactions on Information Theory, 2018, 64, 6842-6862.	1.5	100
21	Age-Minimal Transmission in Energy Harvesting Two-Hop Networks. , 2017, , .		96
22	Information-theoretic analysis of an energy harvesting communication system. , 2010, , .		86
23	Optimum Policies for an Energy Harvesting Transmitter Under Energy Storage Losses. IEEE Journal on Selected Areas in Communications, 2015, 33, 467-481.	9.7	83
24	Secrecy Capacity of a Class of Broadcast Channels with an Eavesdropper. Eurasip Journal on Wireless Communications and Networking, 2009, 2009, .	1.5	78
25	On the secrecy of multiple access wiretap channel. , 2008, , .		77
26	Secure Degrees of Freedom of γ -User Gaussian Interference Channels: A Unified View. IEEE Transactions on Information Theory, 2015, 61, 2647-2661.	1.5	73
27	Optimality of beamforming in fading MIMO multiple access channels. IEEE Transactions on Communications, 2009, 57, 1171-1183.	4.9	72
28	Optimal Energy Allocation for Energy Harvesting Transmitters With Hybrid Energy Storage and Processing Cost. IEEE Transactions on Signal Processing, 2014, 62, 3232-3245.	3.2	72
29	Fundamental Limits of Cache-Aided Private Information Retrieval With Unknown and Uncoded Prefetching. IEEE Transactions on Information Theory, 2019, 65, 3215-3232.	1.5	72
30	Transmission completion time minimization in an energy harvesting system. , 2010, , .		69
31	Mutual Information Games in Multiuser Channels With Correlated Jamming. IEEE Transactions on Information Theory, 2009, 55, 4598-4607.	1.5	68
32	Energy cooperation in energy harvesting wireless communications. , 2012, , .		66
33	Secure Degrees of Freedom of MIMO Rayleigh Block Fading Wiretap Channels With No CSI Anywhere. IEEE Transactions on Wireless Communications, 2015, 14, 2655-2669.	6.1	65
34	Age minimization in energy harvesting communications: Energy-controlled delays. , 2017, , .		62
35	AWGN channel under time-varying amplitude constraints with causal information at the transmitter. , 2011, , .		59
36	Age-Minimal Online Policies for Energy Harvesting Sensors with Random Battery Recharges. , 2018, , .		58

#	ARTICLE	IF	CITATIONS
37	Optimal Policies for Wireless Networks With Energy Harvesting Transmitters and Receivers: Effects of Decoding Costs. IEEE Journal on Selected Areas in Communications, 2015, 33, 2611-2625.	9.7	55
38	Timely Updates in Energy Harvesting Two-Hop Networks: Offline and Online Policies. IEEE Transactions on Wireless Communications, 2019, 18, 4017-4030.	6.1	55
39	Wireless Power Transfer for Future Networks: Signal Processing, Machine Learning, Computing, and Sensing. IEEE Journal on Selected Topics in Signal Processing, 2021, 15, 1060-1094.	7.3	55
40	Age of information in multihop multicast networks. Journal of Communications and Networks, 2019, 21, 256-267.	1.8	54
41	Information Freshness in Cache Updating Systems. IEEE Transactions on Wireless Communications, 2021, 20, 1861-1874.	6.1	53
42	Capacity Region of Gaussian MIMO Broadcast Channels With Common and Confidential Messages. IEEE Transactions on Information Theory, 2012, 58, 5669-5680.	1.5	52
43	Cache-Aided Private Information Retrieval With Partially Known Uncoded Prefetching: Fundamental Limits. IEEE Journal on Selected Areas in Communications, 2018, 36, 1126-1139.	9.7	52
44	Binary energy harvesting channel with finite energy storage. , 2013, , .		51
45	Speeding Up Distributed Gradient Descent by Utilizing Non-persistent Stragglers. , 2019, , .		51
46	Over-the-Air Adversarial Attacks on Deep Learning Based Modulation Classifier over Wireless Channels. , 2020, , .		51
47	Sending Information Through Status Updates. , 2018, , .		50
48	Online Timely Status Updates with Erasures for Energy Harvesting Sensors. , 2018, , .		46
49	Optimal Packet Scheduling in a Multiple Access Channel with Rechargeable Nodes. , 2011, , .		45
50	Deaf Cooperation and Relay Selection Strategies for Secure Communication in Multiple Relay Networks. IEEE Transactions on Signal Processing, 2013, 61, 1544-1554.	3.2	45
51	Ergodic Secret Alignment. IEEE Transactions on Information Theory, 2012, 58, 1594-1611.	1.5	44
52	Coded status updates in an energy harvesting erasure channel. , 2018, , .		44
53	Power Control for Fading Cooperative Multiple Access Channels. IEEE Transactions on Wireless Communications, 2007, 6, 2915-2923.	6.1	43
54	Age-Minimal Online Policies for Energy Harvesting Sensors with Incremental Battery Recharges. , 2018, , .		43

#	ARTICLE	IF	CITATIONS
55	Delay-Minimal Transmission for Average Power Constrained Multi-Access Communications. IEEE Transactions on Wireless Communications, 2010, 9, 2754-2767.	6.1	42
56	Polar Coding for the General Wiretap Channel With Extensions to Multiuser Scenarios. IEEE Journal on Selected Areas in Communications, 2016, 34, 278-291.	9.7	41
57	Age of Information in Two-Hop Multicast Networks. , 2018, , .		40
58	The Capacity of Private Information Retrieval With Partially Known Private Side Information. IEEE Transactions on Information Theory, 2019, 65, 8222-8231.	1.5	40
59	Asymmetry Hurts: Private Information Retrieval Under Asymmetric Traffic Constraints. IEEE Transactions on Information Theory, 2019, 65, 7628-7645.	1.5	39
60	The Capacity Region of a Class of Discrete Degraded Interference Channels. IEEE Transactions on Information Theory, 2008, 54, 4372-4378.	1.5	38
61	Degraded Compound Multi-Receiver Wiretap Channels. IEEE Transactions on Information Theory, 2012, 58, 5681-5698.	1.5	38
62	Optimal Energy and Data Routing in Networks With Energy Cooperation. IEEE Transactions on Wireless Communications, 2016, 15, 857-870.	6.1	38
63	Age of Information in G/G/1/1 Systems: Age Expressions, Bounds, Special Cases, and Optimization. IEEE Transactions on Information Theory, 2021, 67, 7477-7489.	1.5	37
64	Effects of cooperation on the secrecy of multiple access channels with generalized feedback. , 2008, , .		35
65	Channel-Aware Adversarial Attacks Against Deep Learning-Based Wireless Signal Classifiers. IEEE Transactions on Wireless Communications, 2022, 21, 3868-3880.	6.1	34
66	Energy harvesting diamond channel with energy cooperation. , 2014, , .		33
67	Who Should Google Scholar Update More Often?. , 2020, , .		33
68	Timely Distributed Computation With Stragglers. IEEE Transactions on Communications, 2020, 68, 5273-5282.	4.9	33
69	Age of Information in G/G/1/1 Systems. , 2019, , .		32
70	The Capacity of Private Information Retrieval From Heterogeneous Uncoded Caching Databases. IEEE Transactions on Information Theory, 2020, 66, 3407-3416.	1.5	32
71	Secrecy in cooperative relay broadcast channels. , 2008, , .		31
72	Two-way and multiple-access energy harvesting systems with energy cooperation. , 2012, , .		31

#	ARTICLE	IF	CITATIONS
73	Minimizing age of information with soft updates. Journal of Communications and Networks, 2019, 21, 233-243.	1.8	31
74	Dependence Balance Based Outer Bounds for Gaussian Networks With Cooperation and Feedback. IEEE Transactions on Information Theory, 2011, 57, 4063-4086.	1.5	30
75	Secure communication in multiple relay networks through decode-and-forward strategies. Journal of Communications and Networks, 2012, 14, 352-363.	1.8	30
76	Secure degrees of freedom of the Gaussian wiretap channel with helpers. , 2012, , .		30
77	Secure Degrees of Freedom of One-Hop Wireless Networks With No Eavesdropper CSIT. IEEE Transactions on Information Theory, 2017, 63, 1898-1922.	1.5	30
78	Energy Harvesting Two-Way Channels With Decoding and Processing Costs. IEEE Transactions on Green Communications and Networking, 2017, 1, 3-16.	3.5	30
79	Straggler-Aware Distributed Learning: Communicationâ€“Computation Latency Trade-Off. Entropy, 2020, 22, 544.	1.1	30
80	Private Information Retrieval Through Wiretap Channel II: Privacy Meets Security. IEEE Transactions on Information Theory, 2020, 66, 4129-4149.	1.5	29
81	Gaussian Wiretap Channel With Amplitude and Variance Constraints. IEEE Transactions on Information Theory, 2015, 61, 5553-5563.	1.5	28
82	The Binary Energy Harvesting Channel With a Unit-Sized Battery. IEEE Transactions on Information Theory, 2017, 63, 4240-4256.	1.5	28
83	Using Erasure Feedback for Online Timely Updating with an Energy Harvesting Sensor. , 2019, , .		28
84	The Capacity of Private Information Retrieval With Private Side Information Under Storage Constraints. IEEE Transactions on Information Theory, 2020, 66, 2023-2031.	1.5	28
85	Secure Degrees of Freedom Region of the Two-User MISO Broadcast Channel With Alternating CSIT. IEEE Transactions on Information Theory, 2017, 63, 3823-3853.	1.5	27
86	Joint channel estimation and resource allocation for MIMO systems-part I: single-user analysis. IEEE Transactions on Wireless Communications, 2010, 9, 624-631.	6.1	26
87	Cooperative Diamond Channel With Energy Harvesting Nodes. IEEE Journal on Selected Areas in Communications, 2016, 34, 1604-1617.	9.7	26
88	Age of Information in Multicast Networks with Multiple Update Streams. , 2019, , .		26
89	Partial Updates: Losing Information for Freshness. , 2020, , .		26
90	Private Retrieval, Computing, and Learning: Recent Progress and Future Challenges. IEEE Journal on Selected Areas in Communications, 2022, 40, 729-748.	9.7	26

#	ARTICLE	IF	CITATIONS
91	Energy cooperation in energy harvesting two-way communications. , 2013, , .		25
92	Optimal and Near-Optimal Online Strategies for Energy Harvesting Broadcast Channels. IEEE Journal on Selected Areas in Communications, 2016, 34, 3696-3708.	9.7	25
93	Age of Information for Updates with Distortion. , 2019, , .		25
94	Noisy Private Information Retrieval: On Separability of Channel Coding and Information Retrieval. IEEE Transactions on Information Theory, 2019, 65, 8232-8249.	1.5	24
95	Private Information Retrieval from Non-Replicated Databases. , 2019, , .		24
96	Joint channel estimation and resource allocation for MIMO systems-part II: multi-user and numerical analysis. IEEE Transactions on Wireless Communications, 2010, 9, 632-640.	6.1	23
97	An Outer Bound for the Vector Gaussian CEO Problem. IEEE Transactions on Information Theory, 2014, 60, 6870-6887.	1.5	23
98	Age of Information Scaling in Large Networks. , 2019, , .		22
99	On Gaussian MIMO compound wiretap channels. , 2010, , .		21
100	Resource management for fading wireless channels with energy harvesting nodes. , 2011, , .		21
101	Gradient Coding with Clustering and Multi-Message Communication. , 2019, , .		21
102	Multi-Receiver Wiretap Channel With Public and Confidential Messages. IEEE Transactions on Information Theory, 2013, 59, 2165-2177.	1.5	20
103	Polar coding for the general wiretap channel. , 2015, , .		20
104	The Capacity of Private Information Retrieval from Decentralized Uncoded Caching Databases. Information (Switzerland), 2019, 10, 372.	1.7	20
105	Improved Storage for Efficient Private Information Retrieval. , 2019, , .		20
106	Timely Communication in Federated Learning. , 2021, , .		20
107	Adversarial Attacks against Deep Learning Based Power Control in Wireless Communications. , 2021, , .		20
108	Achieving the Capacity Region Boundary of Fading CDMA Channels via Generalized Iterative Waterfilling. IEEE Transactions on Wireless Communications, 2006, 5, 3215-3223.	6.1	19

#	ARTICLE	IF	CITATIONS
109	Adaptive transmission policies for energy harvesting wireless nodes in fading channels. , 2011, , .		19
110	Fading wiretap channel with no CSI anywhere. , 2013, , .		19
111	Multi-message private information retrieval. , 2017, , .		19
112	Freshness Based Cache Updating in Parallel Relay Networks. , 2021, , .		19
113	Secure broadcasting using multiple antennas. Journal of Communications and Networks, 2010, 12, 411-432.	1.8	18
114	Capacity-Equivocation Region of the Gaussian MIMO Wiretap Channel. IEEE Transactions on Information Theory, 2012, 58, 5699-5710.	1.5	18
115	Optimal transmission schemes for parallel and fading Gaussian broadcast channels with an energy harvesting rechargeable transmitter. Computer Communications, 2013, 36, 1360-1372.	3.1	18
116	Secure degrees of freedom of the Gaussian multiple access wiretap channel. , 2013, , .		18
117	Online policies for multiple access channel with common energy harvesting source. , 2016, , .		18
118	Secure Degrees of Freedom Regions of Multiple Access and Interference Channels: The Polytope Structure. IEEE Transactions on Information Theory, 2016, 62, 2044-2069.	1.5	18
119	Online Fixed Fraction Policies in Energy Harvesting Communication Systems. IEEE Transactions on Wireless Communications, 2018, 17, 2975-2986.	6.1	18
120	Age of Information Scaling in Large Networks with Hierarchical Cooperation. , 2019, , .		18
121	Age of Information for Updates With Distortion: Constant and Age-Dependent Distortion Constraints. IEEE/ACM Transactions on Networking, 2021, 29, 2425-2438.	2.6	18
122	Age of Gossip in Networks with Community Structure. , 2021, , .		18
123	An Outer Bound for Multiple Access Channels with Correlated Sources. , 2006, , .		16
124	Gaussian MIMO broadcast channels with common and confidential messages. , 2010, , .		16
125	Coded caching with multiple file requests. , 2017, , .		16
126	Delay Minimal Policies in Energy Harvesting Communication Systems. IEEE Transactions on Communications, 2018, 66, 2918-2930.	4.9	16

#	ARTICLE	IF	CITATIONS
127	Timely Status Updating Over Erasure Channels Using an Energy Harvesting Sensor: Single and Multiple Sources. IEEE Transactions on Green Communications and Networking, 2022, 6, 6-19.	3.5	16
128	Gossiping with Binary Freshness Metric. , 2021, , .		16
129	Secrecy capacity region of the Gaussian multi-receiver wiretap channel. , 2009, , .		15
130	Secure lossy source coding with side information. , 2011, , .		15
131	Gaussian wiretap channel with an amplitude constraint. , 2012, , .		15
132	Online Scheduling for Energy Harvesting Channels With Processing Costs. IEEE Transactions on Green Communications and Networking, 2017, 1, 281-293.	3.5	15
133	Energy Harvesting Multiple Access Channels: Optimal and Near-Optimal Online Policies. IEEE Transactions on Communications, 2018, 66, 2904-2917.	4.9	15
134	Secure Degrees of Freedom of the Multiple Access Wiretap Channel With Multiple Antennas. IEEE Transactions on Information Theory, 2018, 64, 2093-2103.	1.5	15
135	Private Set Intersection: A Multi-Message Symmetric Private Information Retrieval Perspective. IEEE Transactions on Information Theory, 2022, 68, 2001-2019.	1.5	15
136	Version Age of Information in Clustered Gossip Networks. IEEE Journal on Selected Areas in Information Theory, 2022, 3, 85-97.	1.9	15
137	On secure broadcasting. , 2008, , .		14
138	Energy Harvesting Transmitters That Heat Up: Throughput Maximization Under Temperature Constraints. IEEE Transactions on Wireless Communications, 2016, 15, 5440-5452.	6.1	14
139	Age of Information with Soft Updates. , 2018, , .		14
140	Multi-Party Private Set Intersection: An Information-Theoretic Approach. IEEE Journal on Selected Areas in Information Theory, 2021, 2, 366-379.	1.9	14
141	Adversarial Attacks with Multiple Antennas Against Deep Learning-Based Modulation Classifiers. , 2020, , .		14
142	Age-Based Coded Computation for Bias Reduction in Distributed Learning. , 2020, , .		14
143	Semantic Private Information Retrieval. IEEE Transactions on Information Theory, 2022, 68, 2635-2652.	1.5	14
144	Covert bits through queues. , 2016, , .		13

#	ARTICLE	IF	CITATIONS
145	MIMO Wiretap Channel Under Receiver-Side Power Constraints With Applications to Wireless Power Transfer and Cognitive Radio. IEEE Transactions on Communications, 2016, 64, 3872-3885.	4.9	13
146	How to Make 5G Communications "Invisible": Adversarial Machine Learning for Wireless Privacy. , 2020, , .		13
147	Outer Bounds for Multiple-Access Channels With Feedback Using Dependence Balance. IEEE Transactions on Information Theory, 2009, 55, 4494-4507.	1.5	12
148	Real interference alignment for the K-user Gaussian interference compound wiretap channel. , 2010, , .		12
149	On the capacity region of the Gaussian MAC with batteryless energy harvesting transmitters. , 2012, , .		12
150	Selective Encoding Policies for Maximizing Information Freshness. IEEE Transactions on Communications, 2021, 69, 5714-5726.	4.9	12
151	Maximizing Information Freshness in Caching Systems with Limited Cache Storage Capacity. , 2020, , .		12
152	Capacity of a class of diamond channels. , 2008, , .		11
153	A new upper bound on the capacity of a class of primitive relay channels. , 2008, , .		11
154	A new achievable ergodic secrecy rate region for the fading multiple access wiretap channel. , 2009, , .		11
155	Optimal Packet Scheduling in a Broadcast Channel with an Energy Harvesting Transmitter. , 2011, , .		11
156	An Outer Bound for the Gaussian MIMO Broadcast Channel With Common and Private Messages. IEEE Transactions on Information Theory, 2012, 58, 6766-6772.	1.5	11
157	Wiretap Channels: Implications of the More Capable Condition and Cyclic Shift Symmetry. IEEE Transactions on Information Theory, 2013, 59, 2153-2164.	1.5	11
158	Unified secure DoF analysis of K-user Gaussian interference channels. , 2013, , .		11
159	Energy harvesting communications under temperature constraints. , 2016, , .		11
160	Novel decentralized coded caching through coded prefetching. , 2017, , .		11
161	Secure Degrees of Freedom Region of Static and Time-Varying Gaussian MIMO Interference Channel. IEEE Transactions on Information Theory, 2019, 65, 444-461.	1.5	11
162	Optimal Selective Encoding for Timely Updates. , 2020, , .		11

#	ARTICLE	IF	CITATIONS
163	Channel Effects on Surrogate Models of Adversarial Attacks against Wireless Signal Classifiers. , 2021, , .		11
164	Secure source coding with a helper. , 2009, , .		10
165	Sum Secure Degrees of Freedom of Two-Unicast Layered Wireless Networks. IEEE Journal on Selected Areas in Communications, 2013, 31, 1931-1943.	9.7	10
166	Energy Harvesting Multiple Access Channel with Data Arrivals. , 2015, , .		10
167	Online scheduling for energy harvesting broadcast channels with finite battery. , 2016, , .		10
168	Private information retrieval from coded databases. , 2017, , .		10
169	Coded Distributed Computing With Partial Recovery. IEEE Transactions on Information Theory, 2022, 68, 1945-1959.	1.5	10
170	Trading Rate for Balanced Queue Lengths for Network Delay Minimization. IEEE Journal on Selected Areas in Communications, 2011, 29, 988-996.	9.7	9
171	Secure Lossy Transmission of Vector Gaussian Sources. IEEE Transactions on Information Theory, 2013, 59, 5466-5487.	1.5	9
172	Capacity of the energy harvesting channel with energy arrival information at the receiver. , 2014, , .		9
173	Secure degrees of freedom of the multiple access wiretap channel with no eavesdropper CSI. , 2015, , .		9
174	Optimal packet scheduling for delay minimization in an energy harvesting system. , 2015, , .		9
175	Mobile Energy Harvesting Nodes: Offline and Online Optimal Policies. IEEE Transactions on Green Communications and Networking, 2018, 2, 143-153.	3.5	9
176	Scaling Laws for Age of Information in Wireless Networks. IEEE Transactions on Wireless Communications, 2021, 20, 2413-2427.	6.1	9
177	Timely Tracking of Infection Status of Individuals in a Population. , 2021, , .		9
178	Age of Information in the Presence of an Adversary. , 2022, , .		9
179	Optimum Power Allocation in Fading MIMO Multiple Access Channels with Partial CSI at the Transmitters. , 2006, , .		8
180	Deaf Cooperation for Secrecy With Multiple Antennas at the Helper. IEEE Transactions on Information Forensics and Security, 2012, 7, 1855-1864.	4.5	8

#	ARTICLE	IF	CITATIONS
181	Secure degrees of freedom of the Gaussian MIMO interference channel. , 2015, , .		8
182	Energy harvesting cooperative diamond channel. , 2015, , .		8
183	Age of Information with Gilbert-Elliot Servers and Samplers. , 2020, , .		8
184	Optimal Distortion-Power Tradeoffs in Gaussian Sensor Networks. , 2006, , .		7
185	Secrecy capacity of the 2-2-1 gaussian MIMO wire-tap channel. , 2008, , .		7
186	Secrecy capacity region of the degraded compound multi-receiver wiretap channel. , 2009, , .		7
187	Gaussian MIMO Multi-Receiver Wiretap Channel. , 2009, , .		7
188	Delay minimization in multiple access channels. , 2009, , .		7
189	Diamond channel with partially separated relays. , 2010, , .		7
190	Optimal scheduling for energy harvesting transmitters with hybrid energy storage. , 2013, , .		7
191	State amplification and state masking for the binary energy harvesting channel. , 2014, , .		7
192	MISO broadcast channels with confidential messages and alternating CSIT. , 2014, , .		7
193	Secrecy in MIMO Networks with No Eavesdropper CSIT. IEEE Transactions on Communications, 2017, , 1-1.	4.9	7
194	Energy harvesting networks with general utility functions: Near optimal online policies. , 2017, , .		7
195	Delay minimization with a general pentagon rate region. , 2010, , .		6
196	An outer bound for the vector Gaussian CEO problem. , 2012, , .		6
197	Gaussian wiretap channel with a batteryless energy harvesting transmitter. , 2012, , .		6
198	An Alternative Proof for the Capacity Region of the Degraded Gaussian MIMO Broadcast Channel. IEEE Transactions on Information Theory, 2012, 58, 2427-2433.	1.5	6

#	ARTICLE	IF	CITATIONS
199	Single-user and multiple access channels with energy harvesting transmitters and receivers. , 2014, , .		6
200	The binary energy harvesting channel with on-off fading. , 2015, , .		6
201	Online Scheduling for Energy Harvesting Two-Way Channels with Processing Costs. , 2016, , .		6
202	Optimal Selective Encoding for Timely Updates with Empty Symbol. , 2020, , .		6
203	Optimal Distortion-Power Tradeoffs in Sensor Networks: Gauss-Markov Random Processes. , 2006, , .		5
204	Degrees of Freedom Region of the Gaussian MIMO Broadcast Channel with Common and Private Messages. , 2010, , .		5
205	On Gaussian MIMO broadcast channels with common and private messages. , 2010, , .		5
206	Optimal scheduling over fading broadcast channels with an energy harvesting transmitter. , 2011, , .		5
207	Secure degrees of freedom region of the Gaussian interference channel with secrecy constraints. , 2014, , .		5
208	Secrecy for MISO broadcast channels with heterogeneous CSIT. , 2015, , .		5
209	Energy and Data Cooperative Multiple Access Channel With Intermittent Data Arrivals. IEEE Transactions on Wireless Communications, 2018, 17, 2016-2028.	6.1	5
210	Private information retrieval with partially known private side information. , 2018, , .		5
211	Symmetric Private Information Retrieval with User-Side Common Randomness. , 2021, , .		5
212	Cache-Aided Private Information Retrieval with Partially Known Uncoded Prefetching. , 2018, , .		5
213	An Outer Bound for the Multi-Terminal Rate-Distortion Region. , 2006, , .		4
214	On Dependence Balance Bounds for Two Way Channels. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .	0.0	4
215	Optimizing the rate of a correlated MIMO link jointly over channel estimation and data transmission parameters. , 2008, , .		4
216	On the rate-limited Gelfand-Pinsker problem. , 2009, , .		4

#	ARTICLE	IF	CITATIONS
217	Secrecy games on the one-sided interference channel. , 2011, , .		4
218	Special issue on energy harvesting in wireless networks. Journal of Communications and Networks, 2012, 14, 115-120.	1.8	4
219	Delay minimal policies in energy harvesting broadcast channels. , 2016, , .		4
220	MIMO one hop networks with no eves CSIT. , 2016, , .		4
221	Real interference alignment for the MIMO multiple access wiretap channel. , 2016, , .		4
222	Timely Private Information Retrieval. , 2021, , .		4
223	Energy state amplification in an energy harvesting communication system. , 2012, , .		3
224	Gaussian MIMO wiretap channel under receiver side power constraints. , 2014, , .		3
225	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
226	Energy harvesting cooperative multiple access channel with data arrivals. , 2016, , .		3
227	Online Scheduling for an Energy Harvesting Link with Processing Costs. , 2016, , .		3
228	Energy Harvesting Communications Under Explicit and Implicit Temperature Constraints. IEEE Transactions on Wireless Communications, 2018, 17, 6680-6692.	6.1	3
229	Private Information Retrieval from Heterogeneous Uncoded Caching Databases. , 2019, , .		3
230	Guest Editorial Age of Information. IEEE Journal on Selected Areas in Communications, 2021, 39, 1179-1182.	9.7	3
231	A New Coding Scheme for the Relay Channel. , 2007, , .		2
232	Degraded Gaussian MIMO multi-receiver wiretap channel with public and confidential messages. , 2010, , .		2
233	Capacity of a class of semi-deterministic primitive relay channels. , 2010, , .		2
234	Secure lossy transmission of vector Gaussian sources. , 2011, , .		2

#	ARTICLE	IF	CITATIONS
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