

Amos Lapidoth

List of Publications by Year in descending order

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567281

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34
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51
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51
times ranked

904
citing authors

#	ARTICLE	IF	CITATIONS
1	Guessing Based on Compressed Side Information. IEEE Transactions on Information Theory, 2022, 68, 4244-4256.	2.4	1
2	The Listsize Capacity of the Gaussian Channel with Decoder Assistance. Entropy, 2022, 24, 29.	2.2	1
3	Encoder-Assistance for Additive Noise Channels. , 2021, , .		0
4	Other Helper Capacities. , 2021, , .		5
5	Encoder-Assisted Communications Over Additive Noise Channels. IEEE Transactions on Information Theory, 2020, 66, 6607-6616.	2.4	12
6	Conditional Rényi Divergences and Horse Betting. Entropy, 2020, 22, 316.	2.2	5
7	Decoder-Assisted Communications Over Additive Noise Channels. IEEE Transactions on Communications, 2020, 68, 4150-4161.	7.8	10
8	Semi-Robust Communications Over a Broadcast Channel. IEEE Transactions on Information Theory, 2019, 65, 5043-5049.	2.4	6
9	Guessing Attacks on Distributed-Storage Systems. IEEE Transactions on Information Theory, 2019, 65, 6975-6998.	2.4	10
10	Two Measures of Dependence. Entropy, 2019, 21, 778.	2.2	11
11	Guessing with Distributed Encoders. Entropy, 2019, 21, 298.	2.2	7
12	The Gaussian Source-and-Data-Streams Problem. IEEE Transactions on Communications, 2019, 67, 5618-5628.	7.8	4
13	The Additive Noise Channel with a Helper. , 2019, , .		5
14	Multiplexing Zero-Error and Rare-Error Communications Over a Noisy Channel. IEEE Transactions on Information Theory, 2019, 65, 2824-2837.	2.4	1
15	The Zero-Error Feedback Capacity of State-Dependent Channels. IEEE Transactions on Information Theory, 2018, 64, 3538-3578.	2.4	6
16	Testing Against Independence and a Rényi Information Measure. , 2018, , .		5
17	Variations on the Guessing Problem. , 2018, , .		8
18	The Rate-and-State Capacity with Feedback. IEEE Transactions on Information Theory, 2018, 64, 1893-1918.	2.4	9

#	ARTICLE	IF	CITATIONS
19	Identification via the Broadcast Channel. IEEE Transactions on Information Theory, 2017, 63, 3480-3501.	2.4	11
20	Distributed task encoding. , 2017, , .		5
21	Two measures of dependence. , 2016, , .		10
22	Maximum Rényi Entropy Rate. IEEE Transactions on Information Theory, 2016, 62, 1193-1205.	2.4	3
23	A method for the construction of optimal task encoders. , 2015, , .		1
24	Covering Point Patterns. IEEE Transactions on Information Theory, 2015, 61, 4521-4533.	2.4	9
25	Feedback, Cribbing, and Causal State Information on the Multiple-Access Channel. IEEE Transactions on Information Theory, 2014, 60, 7627-7654.	2.4	9
26	Coding Schemes and Asymptotic Capacity for the Gaussian Broadcast and Interference Channels With Feedback. IEEE Transactions on Information Theory, 2014, 60, 54-71.	2.4	16
27	Constrained Source-Coding With Side Information. IEEE Transactions on Information Theory, 2014, 60, 3218-3237.	2.4	6
28	Cognitive Wyner Networks With Clustered Decoding. IEEE Transactions on Information Theory, 2014, 60, 6342-6367.	2.4	16
29	On the Listsize Capacity With Feedback. IEEE Transactions on Information Theory, 2014, 60, 6733-6748.	2.4	9
30	Encoding Tasks and Rényi Entropy. IEEE Transactions on Information Theory, 2014, 60, 5065-5076.	2.4	57
31	The Zero-Undetected-Error Capacity Approaches the Sperner Capacity. IEEE Transactions on Information Theory, 2014, 60, 3825-3833.	2.4	9
32	Distributed storage for data security. , 2014, , .		4
33	At Low SNR, Asymmetric Quantizers are Better. IEEE Transactions on Information Theory, 2013, 59, 5421-5445.	2.4	54
34	Multiple access channels with intermittent feedback and side information. , 2013, , .		6
35	The zero-undetected-error capacity of discrete memoryless channels with feedback. , 2012, , .		9
36	Dirty-Paper Coding for the Gaussian Multiaccess Channel With Conferencing. IEEE Transactions on Information Theory, 2012, 58, 5640-5668.	2.4	23

#	ARTICLE	IF	CITATIONS
37	Error Exponents for the Gaussian Channel With Active Noisy Feedback. IEEE Transactions on Information Theory, 2011, 57, 1223-1236.	2.4	20
38	The Discrete-Time Poisson Channel at Low Input Powers. IEEE Transactions on Information Theory, 2011, 57, 3260-3272.	2.4	46
39	Gaussian Fading Is the Worst Fading. IEEE Transactions on Information Theory, 2010, 56, 1158-1165.	2.4	0
40	Sending a Bivariate Gaussian Source Over a Gaussian MAC With Feedback. IEEE Transactions on Information Theory, 2010, 56, 1852-1864.	2.4	22
41	Sending a Bivariate Gaussian Over a Gaussian MAC. IEEE Transactions on Information Theory, 2010, 56, 2714-2752.	2.4	129
42	Broadcasting Correlated Gaussians. IEEE Transactions on Information Theory, 2010, 56, 3057-3068.	2.4	32
43	On the AWGN MAC With Imperfect Feedback. IEEE Transactions on Information Theory, 2010, 56, 5432-5476.	2.4	20
44	On Multipath Fading Channels at High SNR. IEEE Transactions on Information Theory, 2010, 56, 5945-5957.	2.4	18
45	Low-SNR Capacity of Noncoherent Fading Channels. IEEE Transactions on Information Theory, 2009, 55, 1555-1574.	2.4	57
46	Channels That Heat Up. IEEE Transactions on Information Theory, 2009, 55, 3594-3612.	2.4	27
47	On the Capacity of Free-Space Optical Intensity Channels. IEEE Transactions on Information Theory, 2009, 55, 4449-4461.	2.4	438
48	Carbon Copying Onto Dirty Paper. IEEE Transactions on Information Theory, 2007, 53, 1814-1827.	2.4	50
49	Convolutional Encoders to Minimize Bit Error Rate. European Transactions on Telecommunications, 2000, 11, 263-269.	1.2	1
50	A lower bound on the bit error rate resulting from mismatched viterbi decoding. European Transactions on Telecommunications, 1998, 9, 473-482.	1.2	5