

# Amos Lapidoth

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4666029/publications.pdf>

Version: 2024-02-01

50  
papers

1,300  
citations

567144

15  
h-index

377752

34  
g-index

51  
all docs

51  
docs citations

51  
times ranked

904  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Capacity of Free-Space Optical Intensity Channels. IEEE Transactions on Information Theory, 2009, 55, 4449-4461.	1.5	438
2	Sending a Bivariate Gaussian Over a Gaussian MAC. IEEE Transactions on Information Theory, 2010, 56, 2714-2752.	1.5	129
3	Low-SNR Capacity of Noncoherent Fading Channels. IEEE Transactions on Information Theory, 2009, 55, 1555-1574.	1.5	57
4	Encoding Tasks and Rényi Entropy. IEEE Transactions on Information Theory, 2014, 60, 5065-5076.	1.5	57
5	At Low SNR, Asymmetric Quantizers are Better. IEEE Transactions on Information Theory, 2013, 59, 5421-5445.	1.5	54
6	Carbon Copying Onto Dirty Paper. IEEE Transactions on Information Theory, 2007, 53, 1814-1827.	1.5	50
7	The Discrete-Time Poisson Channel at Low Input Powers. IEEE Transactions on Information Theory, 2011, 57, 3260-3272.	1.5	46
8	Broadcasting Correlated Gaussians. IEEE Transactions on Information Theory, 2010, 56, 3057-3068.	1.5	32
9	Channels That Heat Up. IEEE Transactions on Information Theory, 2009, 55, 3594-3612.	1.5	27
10	Dirty-Paper Coding for the Gaussian Multiaccess Channel With Conferencing. IEEE Transactions on Information Theory, 2012, 58, 5640-5668.	1.5	23
11	Sending a Bivariate Gaussian Source Over a Gaussian MAC With Feedback. IEEE Transactions on Information Theory, 2010, 56, 1852-1864.	1.5	22
12	On the AWGN MAC With Imperfect Feedback. IEEE Transactions on Information Theory, 2010, 56, 5432-5476.	1.5	20
13	Error Exponents for the Gaussian Channel With Active Noisy Feedback. IEEE Transactions on Information Theory, 2011, 57, 1223-1236.	1.5	20
14	On Multipath Fading Channels at High SNR. IEEE Transactions on Information Theory, 2010, 56, 5945-5957.	1.5	18
15	Coding Schemes and Asymptotic Capacity for the Gaussian Broadcast and Interference Channels With Feedback. IEEE Transactions on Information Theory, 2014, 60, 54-71.	1.5	16
16	Cognitive Wyner Networks With Clustered Decoding. IEEE Transactions on Information Theory, 2014, 60, 6342-6367.	1.5	16
17	Encoder-Assisted Communications Over Additive Noise Channels. IEEE Transactions on Information Theory, 2020, 66, 6607-6616.	1.5	12
18	Identification via the Broadcast Channel. IEEE Transactions on Information Theory, 2017, 63, 3480-3501.	1.5	11

#	ARTICLE	IF	CITATIONS
19	Two Measures of Dependence. Entropy, 2019, 21, 778.	1.1	11
20	Two measures of dependence. , 2016, , .		10
21	Guessing Attacks on Distributed-Storage Systems. IEEE Transactions on Information Theory, 2019, 65, 6975-6998.	1.5	10
22	Decoder-Assisted Communications Over Additive Noise Channels. IEEE Transactions on Communications, 2020, 68, 4150-4161.	4.9	10
23	The zero-undetected-error capacity of discrete memoryless channels with feedback. , 2012, , .		9
24	Feedback, Cribbing, and Causal State Information on the Multiple-Access Channel. IEEE Transactions on Information Theory, 2014, 60, 7627-7654.	1.5	9
25	On the Listsize Capacity With Feedback. IEEE Transactions on Information Theory, 2014, 60, 6733-6748.	1.5	9
26	The Zero-Undetected-Error Capacity Approaches the Sperner Capacity. IEEE Transactions on Information Theory, 2014, 60, 3825-3833.	1.5	9
27	Covering Point Patterns. IEEE Transactions on Information Theory, 2015, 61, 4521-4533.	1.5	9
28	The Rate-and-State Capacity with Feedback. IEEE Transactions on Information Theory, 2018, 64, 1893-1918.	1.5	9
29	Variations on the Guessing Problem. , 2018, , .		8
30	Guessing with Distributed Encoders. Entropy, 2019, 21, 298.	1.1	7
31	Multiple access channels with intermittent feedback and side information. , 2013, , .		6
32	Constrained Source-Coding With Side Information. IEEE Transactions on Information Theory, 2014, 60, 3218-3237.	1.5	6
33	The Zero-Error Feedback Capacity of State-Dependent Channels. IEEE Transactions on Information Theory, 2018, 64, 3538-3578.	1.5	6
34	Semi-Robust Communications Over a Broadcast Channel. IEEE Transactions on Information Theory, 2019, 65, 5043-5049.	1.5	6
35	A lower bound on the bit-error-rate resulting from mismatched viterbi decoding. European Transactions on Telecommunications, 1998, 9, 473-482.	1.2	5
36	Distributed task encoding. , 2017, , .		5

#	ARTICLE	IF	CITATIONS
37	Testing Against Independence and a Rényi Information Measure. , 2018, , .		5
38	The Additive Noise Channel with a Helper. , 2019, , .		5
39	Conditional Rényi Divergences and Horse Betting. Entropy, 2020, 22, 316.	1.1	5
40	Other Helper Capacities. , 2021, , .		5
41	Distributed storage for data security. , 2014, , .		4
42	The Gaussian Source-and-Data-Streams Problem. IEEE Transactions on Communications, 2019, 67, 5618-5628.	4.9	4
43	Maximum Rényi Entropy Rate. IEEE Transactions on Information Theory, 2016, 62, 1193-1205.	1.5	3
44	Convolutional Encoders to Minimize Bit-Error-Rate. European Transactions on Telecommunications, 2000, 11, 263-269.	1.2	1
45	A method for the construction of optimal task encoders. , 2015, , .		1
46	Multiplexing Zero-Error and Rare-Error Communications Over a Noisy Channel. IEEE Transactions on Information Theory, 2019, 65, 2824-2837.	1.5	1
47	Guessing Based on Compressed Side Information. IEEE Transactions on Information Theory, 2022, 68, 4244-4256.	1.5	1
48	The Listsize Capacity of the Gaussian Channel with Decoder Assistance. Entropy, 2022, 24, 29.	1.1	1
49	Gaussian Fading Is the Worst Fading. IEEE Transactions on Information Theory, 2010, 56, 1158-1165.	1.5	0
50	Encoder-Assistance for Additive Noise Channels. , 2021, , .		0