Nir Weinberger

List of Publications by Year
in descending order

25 papers	**127** citations	1478505 **6** h-index	1281871 **11** g-index
25 all docs	**25** docs citations	**25** times ranked	**76** citing authors

#	Article	IF	Citations
1	Optimum Tradeoffs Between the Error Exponent and the Excess-Rate Exponent of Variable-Rate Slepian–Wolf Coding. IEEE Transactions on Information Theory, 2015, 61, 2165-2190.	2.4	20
2	Codeword or Noise? Exact Random Coding Exponents for Joint Detection and Decoding. IEEE Transactions on Information Theory, 2014, 60, 5077-5094.	2.4	17
3	Large Deviations Behavior of the Logarithmic Error Probability of Random Codes. IEEE Transactions on Information Theory, 2020, 66, 6635-6659.	2.4	15
4	On the Reliability Function of Distributed Hypothesis Testing Under Optimal Detection. IEEE Transactions on Information Theory, 2019, 65, 4940-4965.	2.4	12
5	A Large Deviations Approach to Secure Lossy Compression. IEEE Transactions on Information Theory, 2017, 63, 2533-2559.	2.4	11
6	Erasure/List Random Coding Error Exponents Are Not Universally Achievable. IEEE Transactions on Information Theory, 2016, 62, 5403-5421.	2.4	10
7	Lower Bounds on Parameter Modulation–Estimation Under Bandwidth Constraints. IEEE Transactions on Information Theory, 2017, 63, 3854-3874.	2.4	6
8	Channel Detection in Coded Communication. IEEE Transactions on Information Theory, 2017, 63, 6364-6392.	2.4	6
9	On the Optimal Boolean Function for Prediction Under Quadratic Loss. IEEE Transactions on Information Theory, 2017, 63, 4202-4217.	2.4	5
10	Generalization Bounds and Algorithms for Learning to Communicate Over Additive Noise Channels. IEEE Transactions on Information Theory, 2022, 68, 1886-1921.	2.4	5
11	Universal decoding for linear Gaussian fading channels in the competitive minimax sense. , 2008, , .		4
12	Simplified Erasure/List Decoding. IEEE Transactions on Information Theory, 2017, 63, 4218-4239.	2.4	4
13	Guessing with a Bit of Help. Entropy, 2020, 22, 39.	2.2	4
14	On the Reliability Function of Distributed Hypothesis Testing Under Optimal Detection. , 2018, , .		2
15	k-Vectors: An Alternating Minimization Algorithm for Learning Regression Functions. IEEE Transactions on Information Theory, 2020, 66, 7196-7221.	2.4	2
16	Simplified erasure/list decoding. , 2015, , .		1
17	A large deviations approach to secure lossy compression. , 2016, , .		1
18	Lower bounds on parameter modulation-estimation under bandwidth constraints. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	Guessing with a Boolean Helper. , 2018, , .		1
20	Codeword or noise? Exact random coding exponents for slotted asynchronism. , 2014, , .		0
21	Optimum trade-offs between error exponent and excess-rate exponent of Slepian-Wolf coding. , 2015, , .		0
22	Erasure/list random coding error exponents are not universally achievable. , 2015, , .		0
23	On the VC-Dimension of Binary Codes. SIAM Journal on Discrete Mathematics, 2018, 32, 2161-2171.	0.8	0
24	Expurgated Bounds for the Asymmetric Broadcast Channel. IEEE Transactions on Information Theory, 2019, 65, 3412-3435.	2.4	0
25	Self-Predicting Boolean Functions. SIAM Journal on Discrete Mathematics, 2019, 33, 665-693.	0.8	0