

Emre Telatar

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

9,668
citations

1039880

9
h-index

1199470

12
g-index

21
all docs

21
docs citations

21
times ranked

3524
citing authors

#	ARTICLE	IF	CITATIONS
1	Capacity of Multi-antenna Gaussian Channels. European Transactions on Telecommunications, 1999, 10, 585-595.	1.2	8,830
2	On the rate of channel polarization. , 2009, , .		296
3	Polarization for arbitrary discrete memoryless channels. , 2009, , .		166
4	Polar Codes for the m -User Multiple Access Channel. IEEE Transactions on Information Theory, 2012, 58, 5437-5448.	1.5	91
5	Polar Codes for the Two-User Multiple-Access Channel. IEEE Transactions on Information Theory, 2013, 59, 6583-6592.	1.5	46
6	Reflection coefficient null of acoustic waves at a liquid-anisotropic-solid interface. Journal of the Acoustical Society of America, 1989, 85, 1-10.	0.5	43
7	A Simple Converse of Burnashev's Reliability Function. IEEE Transactions on Information Theory, 2009, 55, 3074-3080.	1.5	39
8	Proof of the Outage Probability Conjecture for MISO Channels. IEEE Transactions on Information Theory, 2013, 59, 2596-2602.	1.5	31
9	Polar Codes for Arbitrary DMCs and Arbitrary MACs. IEEE Transactions on Information Theory, 2016, 62, 2917-2936.	1.5	24
10	Polar codes for the two-user binary-input multiple-access channel. , 2010, , .		21
11	A Simple Proof of Polarization and Polarization for Non-Stationary Memoryless Channels. IEEE Transactions on Information Theory, 2016, 62, 4873-4878.	1.5	15
12	MAC polar codes and matroids. , 2010, , .		13
13	On Sampling and Coding for Distributed Acoustic Sensing. IEEE Transactions on Information Theory, 2012, 58, 3198-3214.	1.5	13
14	Polarization Improves $\sum_{i=1}^m E_{i,0}$ </tex-math></inline-formula>. IEEE Transactions on Information Theory, 2014, 60, 2714-2719.	1.5	9
15	On the transmission of bursty sources. , 2006, , .		8
16	Polarization theorems for arbitrary DMCs. , 2013, , .		8
17	Optimal Age Over Erasure Channels. IEEE Transactions on Information Theory, 2022, 68, 5901-5922.	1.5	7
18	Fourier Analysis of MAC Polarization. IEEE Transactions on Information Theory, 2017, 63, 3600-3620.	1.5	4

#	ARTICLE	IF	CITATIONS
19	Proof of the outage probability conjecture for MISO channels. , 2012, , .		3
20	Fourier analysis of MAC polarization. , 2015, , .		1
21	Polarization improves E_{out} . , 2013, , .		0