

Or Ordentlich

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

589
citations

1163117

8
h-index

794594

19
g-index

31
all docs

31
docs citations

31
times ranked

355
citing authors

#	ARTICLE	IF	CITATIONS
1	Low complexity schemes for the random access Gaussian channel. , 2017, , .		139
2	The Approximate Sum Capacity of the Symmetric Gaussian $\<math>\</math> &math>\</math> User Interference Channel. IEEE Transactions on Information Theory, 2014, 60, 3450-3482.$	2.4	91
3	Precoded Integer-Forcing Universally Achieves the MIMO Capacity to Within a Constant Gap. IEEE Transactions on Information Theory, 2015, 61, 323-340.	2.4	59
4	Successive integer-forcing and its sum-rate optimality. , 2013, , .		58
5	A Simple Proof for the Existence of $\<math>\</math> Pairs of Nested Lattices. IEEE Transactions on Information Theory, 2016, 62, 4439-4453.$	2.4	45
6	A Modulo-Based Architecture for Analog-to-Digital Conversion. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 825-840.	10.8	31
7	Integer-Forcing Source Coding. IEEE Transactions on Information Theory, 2017, 63, 1253-1269.	2.4	30
8	Above the Nyquist Rate, Modulo Folding Does Not Hurt. IEEE Signal Processing Letters, 2019, 26, 1167-1171.	3.6	29
9	On the Robustness of Lattice Interference Alignment. IEEE Transactions on Information Theory, 2013, 59, 2735-2759.	2.4	17
10	Cyclic-Coded Integer-Forcing Equalization. IEEE Transactions on Information Theory, 2012, 58, 5804-5815.	2.4	16
11	Interference alignment at finite SNR for time-invariant channels. , 2011, , .		8
12	Information-Distilling Quantizers. IEEE Transactions on Information Theory, 2021, 67, 2472-2487.	2.4	8
13	On Compressed Sensing of Binary Signals for the Unsourced Random Access Channel. Entropy, 2021, 23, 605.	2.2	6
14	Performance analysis and optimal filter design for sigma-delta modulation via duality with DPCM. , 2015, , .		5
15	Blind Unwrapping of Modulo Reduced Gaussian Vectors: Recovering MSBs from LSBs. , 2019, , .		5
16	A Note on the Probability of Rectangles for Correlated Binary Strings. IEEE Transactions on Information Theory, 2020, 66, 7878-7886.	2.4	5
17	Blind Unwrapping of Modulo Reduced Gaussian Vectors: Recovering MSBs From LSBs. IEEE Transactions on Information Theory, 2021, 67, 1897-1919.	2.4	5
18	Cyclic coded integer-forcing equalization. , 2010, , .		4

#	ARTICLE	IF	CITATIONS
19	Performance Analysis and Optimal Filter Design for Sigma-Delta Modulation via Duality With DPCM. IEEE Transactions on Information Theory, 2019, 65, 1153-1164.	2.4	4
20	An Upper Bound on the Sizes of Multiset-Union-Free Families. SIAM Journal on Discrete Mathematics, 2016, 30, 1032-1045.	0.8	3
21	Mutual Information Bounds via Adjacency Events. IEEE Transactions on Information Theory, 2016, 62, 6068-6080.	2.4	3
22	Critical Slowing Down Near Topological Transitions in Rate-Distortion Problems. , 2021, , .		3
23	Constructing Multiclass Classifiers using Binary Classifiers Under Log-Loss. , 2021, , .		3
24	New bounds on the density of lattice coverings. Journal of the American Mathematical Society, 2021, 35, 295-308.	3.9	3
25	Blind Modulo Analog-to-Digital Conversion of Vector Processes. , 2022, , .		3
26	The Interactive Capacity of the Binary Symmetric Channel is at Least 1/40 the Shannon Capacity. , 2019, , .		2
27	Strong Data Processing Constant Is Achieved by Binary Inputs. IEEE Transactions on Information Theory, 2022, 68, 1480-1481.	2.4	2
28	A Lower Bound on the Expected Distortion of Joint Source-Channel Coding. IEEE Transactions on Information Theory, 2020, 66, 4722-4741.	2.4	1
29	A Lower Bound on the Essential Interactive Capacity of Binary Memoryless Symmetric Channels. IEEE Transactions on Information Theory, 2021, 67, 7639-7658.	2.4	1
30	An Upgrading Algorithm with Optimal Power Law. IEEE Transactions on Information Theory, 2021, , 1-1.	2.4	0
31	Characterizing the Performance of Wireless Communication Architectures via Basic Diophantine Approximation Bounds. Mathematical Engineering, 2020, , 69-98.	0.2	0