

Sihuang Hu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Combinatorial Alphabet-Dependent Bounds for Locally Recoverable Codes. IEEE Transactions on Information Theory, 2018, 64, 3481-3492.	2.4	36
2	The Weight Distribution of a Class of Cyclic Codes Related to Hermitian Forms Graphs. IEEE Transactions on Information Theory, 2013, 59, 3064-3067.	2.4	22
3	New pseudo-planar binomials in characteristic two and related schemes. Designs, Codes, and Cryptography, 2015, 76, 345-360.	1.6	7
4	Combinatorial and LP bounds for LRC codes. , 2016, , .		6
5	A Bound on the Shannon Capacity via a Linear Programming Variation. SIAM Journal on Discrete Mathematics, 2018, 32, 2229-2241.	0.8	6
6	Some New Results on \mathbb{Z} -Cyclic Patterned Starter Whist Tournaments and Related Frames. Journal of Combinatorial Designs, 2013, 21, 181-203.	0.6	5
7	Quickest Sequence Phase Detection. IEEE Transactions on Information Theory, 2017, , 1-1.	2.4	5
8	A Complete Solution to Spectrum Problem for Five-Vertex Graphs with Application to Traffic Grooming in Optical Networks. Journal of Combinatorial Designs, 2015, 23, 233-273.	0.6	4
9	Necessary conditions and frame constructions for \mathbb{Z} -cyclic patterned starter whist tournaments. Discrete Applied Mathematics, 2012, 160, 2188-2198.	0.9	3
10	Strongly perfect lattices sandwiched between Barnes-Wall lattices. Journal of the London Mathematical Society, 2020, 101, 1068-1089.	1.0	3
11	Quickest sequence phase detection. , 2016, , .		1
12	The \mathbb{Z} -Capacity of a Graph. IEEE Transactions on Information Theory, 2017, 63, 2241-2253.	2.4	1
13	Association schemes related to Delsarte-Goethals codes. Journal of Algebraic Combinatorics, 2014, 40, 601-631.	0.8	0
14	Difference sets with few character values. Designs, Codes, and Cryptography, 2014, 73, 825-839.	1.6	0
15	The \mathbb{Z} -capacity of a graph. , 2016, , .		0
16	On the VC-dimension of binary codes. , 2017, , .		0
17	A bound on the shannon capacity via a linear programming variation. , 2017, , .		0
18	On the VC-Dimension of Binary Codes. SIAM Journal on Discrete Mathematics, 2018, 32, 2161-2171.	0.8	0

#	ARTICLE	IF	CITATIONS
19	Low dimensional strongly perfect lattices IV: The dual strongly perfect lattices of dimension 16. Journal of Number Theory, 2020, 208, 262-294.	0.4	0
20	There is no $[24,12,9]$ doubly-even self-dual code over \mathbb{F}_4 . Advances in Mathematics of Communications, 2016, 10, 583-588.	0.7	0