

Sihuang Hu

List of Publications by Year in descending order

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20
papers

99
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1684188

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1372567

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times ranked

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citing authors

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

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 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 |
| 20 | Necessary conditions and frame constructions for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si14.gif" display="inline" overflow="scroll" \rangle \langle \text{mml:mi mathvariant="double-struck" \rangle Z \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -cyclic patterned starter whist tournaments. Discrete Applied Mathematics, 2012, 160, 2188-2198. | 0.9 | 3 |