

Hengjia Wei

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1502532/publications.pdf>

Version: 2024-02-01

37
papers

186
citations

1307594

7
h-index

1281871

11
g-index

37
all docs

37
docs citations

37
times ranked

89
citing authors

#	ARTICLE	IF	CITATIONS
1	Group divisible designs with block size four and group type $g^u m^1$. Designs, Codes, and Cryptography, 2015, 74, 243-282.	1.6	20
2	On Private Information Retrieval Array Codes. IEEE Transactions on Information Theory, 2019, 65, 5565-5573.	2.4	18
3	Generic constructions for partitioned difference families with applications: a unified combinatorial approach. Designs, Codes, and Cryptography, 2017, 82, 583-599.	1.6	15
4	Efficient and Explicit Balanced Primer Codes. IEEE Transactions on Information Theory, 2020, 66, 5344-5357.	2.4	13
5	New Bounds and Constructions for Multiply Constant-Weight Codes. IEEE Transactions on Information Theory, 2016, 62, 6315-6327.	2.4	11
6	Group Divisible Designs with Block Size Four and Group Type for. Journal of Combinatorial Designs, 2014, 22, 26-52.	0.6	9
7	Group divisible designs with block size four and group type $g^u m^1$. Discrete Mathematics, 2013, 313, 2065-2082.	0.7	6
8	Burst-Deletion-Correcting Codes for Permutations and Multipermutations. IEEE Transactions on Information Theory, 2020, 66, 957-969.	2.4	8
9	Completely reducible super-simple designs with block size five and index two. Designs, Codes, and Cryptography, 2015, 76, 589-600.	1.6	7
10	Efficient and Explicit Balanced Primer Codes. , 2019, , .		7
11	On Lattice Packings and Coverings of Asymmetric Limited-Magnitude Balls. IEEE Transactions on Information Theory, 2021, 67, 5104-5115.	2.4	7
12	Group divisible designs with block sizes from $g^u m^1$. Discrete Mathematics, 2014, 329, 42-68.	0.7	6
13	The Existence of Well-Balanced Triple Systems. Journal of Combinatorial Designs, 2016, 24, 77-100.	0.6	5
14	Geometric Orthogonal Codes of Size Larger Than Optical Orthogonal Codes. IEEE Transactions on Information Theory, 2018, 64, 2883-2895.	2.4	5
15	Robust Positioning Patterns with Low Redundancy. SIAM Journal on Computing, 2020, 49, 284-317.	1.0	5
16	Low-Power Cooling Codes With Efficient Encoding and Decoding. IEEE Transactions on Information Theory, 2020, 66, 4804-4818.	2.4	5
17	Some more 5-GDDs, 4-frames and 4-RGDDs. Discrete Mathematics, 2014, 336, 7-21.	0.7	4
18	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

#	ARTICLE	IF	CITATIONS
19	Uniformly resolvable designs with block sizes 3 and 4. <i>Discrete Mathematics</i> , 2016, 339, 1069-1085.	0.7	4
20	Improved Coding Over Sets for DNA-Based Data Storage. <i>IEEE Transactions on Information Theory</i> , 2022, 68, 118-129.	2.4	4
21	On tilings of asymmetric limited-magnitude balls. <i>European Journal of Combinatorics</i> , 2022, 100, 103450.	0.8	4
22	On the Gap Between Scalar and Vector Solutions of Generalized Combination Networks. <i>IEEE Transactions on Information Theory</i> , 2021, 67, 5580-5591.	2.4	3
23	On the Generalized Covering Radii of Reed-Muller Codes. <i>IEEE Transactions on Information Theory</i> , 2022, 68, 4378-4391.	2.4	3
24	Optimal ternary constant-composition codes with weight four and distance six. <i>Discrete Mathematics</i> , 2015, 338, 72-87.	0.7	2
25	A strengthened inequality of Alon's Babai's Suzuki's conjecture on set systems with restricted intersections modulo p . <i>Discrete Mathematics</i> , 2018, 341, 109-118.	0.7	2
26	Maximum Length of Robust Positioning Sequences. , 2020, , .		2
27	Kirkman frames having hole type $h^u m^1$ for $h \equiv 0 \pmod{12}$. <i>Designs, Codes, and Cryptography</i> , 2014, 72, 497-510.	1.6	1
28	Optimal Groomings with Grooming Ratios Six and Seven. <i>Journal of Combinatorial Designs</i> , 2015, 23, 400-415.	0.6	1
29	Group divisible covering designs with block size four. <i>Journal of Combinatorial Designs</i> , 2018, 26, 101-118.	0.6	1
30	Nearly Optimal Robust Positioning Patterns. <i>IEEE Transactions on Information Theory</i> , 2022, 68, 193-203.	2.4	1
31	Sequence Reconstruction for Limited-Magnitude Errors. <i>IEEE Transactions on Information Theory</i> , 2022, 68, 4422-4434.	2.4	1
32	Spectrum of sizes for perfect 2-deletion-correcting codes of length 4. <i>Designs, Codes, and Cryptography</i> , 2015, 74, 127-151.	1.6	0
33	A New Construction of Group Divisible Designs with Nonuniform Group Type. <i>Journal of Combinatorial Designs</i> , 2016, 24, 369-382.	0.6	0
34	Directed PBDs with Block Sizes from K Where K . <i>Journal of Combinatorial Designs</i> , 2017, 25, 535-555.	0.6	0
35	Some more uniformly resolvable designs with block sizes 2 and 4. <i>Discrete Mathematics</i> , 2017, 340, 2243-2249.	0.7	0
36	On the Gap between Scalar and Vector Solutions of Generalized Combination Networks. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
37	On Tilings of Asymmetric Limited-Magnitude Balls. , 2021, , .		0