

# Hengjia Wei

## List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Nearly Optimal Robust Positioning Patterns. IEEE Transactions on Information Theory, 2022, 68, 193-203.	2.4	1
2	Improved Coding Over Sets for DNA-Based Data Storage. IEEE Transactions on Information Theory, 2022, 68, 118-129.	2.4	4
3	On tilings of asymmetric limited-magnitude balls. European Journal of Combinatorics, 2022, 100, 103450.	0.8	4
4	Sequence Reconstruction for Limited-Magnitude Errors. IEEE Transactions on Information Theory, 2022, 68, 4422-4434.	2.4	1
5	On the Generalized Covering Radii of Reed-Muller Codes. IEEE Transactions on Information Theory, 2022, 68, 4378-4391.	2.4	3
6	On Tilings of Asymmetric Limited-Magnitude Balls. , 2021, , .		0
7	On the Gap Between Scalar and Vector Solutions of Generalized Combination Networks. IEEE Transactions on Information Theory, 2021, 67, 5580-5591.	2.4	3
8	On Lattice Packings and Coverings of Asymmetric Limited-Magnitude Balls. IEEE Transactions on Information Theory, 2021, 67, 5104-5115.	2.4	7
9	Burst-Deletion-Correcting Codes for Permutations and Multipermutations. IEEE Transactions on Information Theory, 2020, 66, 957-969.	2.4	8
10	On the Gap between Scalar and Vector Solutions of Generalized Combination Networks. , 2020, , .		0
11	Maximum Length of Robust Positioning Sequences. , 2020, , .		2
12	Efficient and Explicit Balanced Primer Codes. IEEE Transactions on Information Theory, 2020, 66, 5344-5357.	2.4	13
13	Robust Positioning Patterns with Low Redundancy. SIAM Journal on Computing, 2020, 49, 284-317.	1.0	5
14	Low-Power Coding Codes With Efficient Encoding and Decoding. IEEE Transactions on Information Theory, 2020, 66, 4804-4818.	2.4	5
15	On Private Information Retrieval Array Codes. IEEE Transactions on Information Theory, 2019, 65, 5565-5573.	2.4	18
16	Efficient and Explicit Balanced Primer Codes. , 2019, , .		7
17	Geometric Orthogonal Codes of Size Larger Than Optical Orthogonal Codes. IEEE Transactions on Information Theory, 2018, 64, 2883-2895.	2.4	5
18	Group divisible covering designs with block size four. Journal of Combinatorial Designs, 2018, 26, 101-118.	0.6	1

#	ARTICLE	IF	CITATIONS
19	A strengthened inequality of Alon&#x2013;Babai&#x2013;Suzuki&#x2013;TM's conjecture on set systems with restricted intersections modulo $p$ . Discrete Mathematics, 2018, 341, 109-118.	0.7	2
20	Generic constructions for partitioned difference families with applications: a unified combinatorial approach. Designs, Codes, and Cryptography, 2017, 82, 583-599.	1.6	15
21	Directed PBDs with Block Sizes from $K$ Where $K$ . Journal of Combinatorial Designs, 2017, 25, 535-555.	0.6	0
22	Some more uniformly resolvable designs with block sizes 2 and 4. Discrete Mathematics, 2017, 340, 2243-2249.	0.7	0
23	The Existence of Well&#x2013;Balanced Triple Systems. Journal of Combinatorial Designs, 2016, 24, 77-100.	0.6	5
24	New Bounds and Constructions for Multiply Constant-Weight Codes. IEEE Transactions on Information Theory, 2016, 62, 6315-6327.	2.4	11
25	A New Construction of Group Divisible Designs with Nonuniform Group Type. Journal of Combinatorial Designs, 2016, 24, 369-382.	0.6	0
26	Uniformly resolvable designs with block sizes 3 and 4. Discrete Mathematics, 2016, 339, 1069-1085.	0.7	4
27	A Complete Solution to Spectrum Problem for Five&#x2013;Vertex Graphs with Application to Traffic Grooming in Optical Networks. Journal of Combinatorial Designs, 2015, 23, 233-273.	0.6	4
28	Optimal Groomings with Grooming Ratios Six and Seven. Journal of Combinatorial Designs, 2015, 23, 400-415.	0.6	1
29	Optimal ternary constant-composition codes with weight four and distance six. Discrete Mathematics, 2015, 338, 72-87.	0.7	2
30	Spectrum of sizes for perfect 2-deletion-correcting codes of length 4. Designs, Codes, and Cryptography, 2015, 74, 127-151.	1.6	0
31	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
32	Completely reducible super-simple designs with block size five and index two. Designs, Codes, and Cryptography, 2015, 76, 589-600.	1.6	7
33	Group Divisible Designs with Block Size Four and Group Type for. Journal of Combinatorial Designs, 2014, 22, 26-52.	0.6	9
34	Some more 5-GDDs, 4-frames and 4-RGDDs. Discrete Mathematics, 2014, 336, 7-21.	0.7	4
35	Kirkman frames having hole type $h^{\{u\} m^1}$ for $h \equiv 0 \pmod{12}$ . Designs, Codes, and Cryptography, 2014, 72, 497-510.	1.6	1
36	Group divisible designs with block sizes from $K$ . Discrete Mathematics, 2014, 329, 42-68.	0.7	6

#	ARTICLE	IF	CITATIONS
37	<p>Group divisible designs with block size four and group type</p> $g \times u \times n$ <p>more small</p> <p>Discrete Mathematics, 2013, 313, 2065-2083.</p>		