Alfred Wassermann

List of Publications by Year
in descending order

48 papers	399 citations	840776 11 h-index	839539 18 g-index
48 all docs	48 docs citations	48 times ranked	161 citing authors

#	Article	IF	Citations
1	On the classification of unitals on 28 points of low rank. Applicable Algebra in Engineering, Communications and Computing, 2022, 33, 903-913.	0.5	1
2	Majority Logic Decoding With Subspace Designs. IEEE Transactions on Information Theory, 2021, 67, 179-186.	2.4	0
3	Graph decompositions in projective geometries. Journal of Combinatorial Designs, 2021, 29, 141-174.	0.6	5
4	Search for Combinatorial Objects Using Lattice Algorithms â€" Revisited. Lecture Notes in Computer Science, 2021, , 20-33.	1.3	2
5	Comment on â€œNomenclature, Chemical Abstracts Service Numbers, Isomer Enumeration, Ring Strain, and Stereochemistry: What Does Any of This Have to Do with an International Chemical Disarmament and Nonproliferation Treaty?â€• Journal of Chemical Education, 2021, 98, 1465-1467.	2.3	1
6	The Lengths of Projective Triply-Even Binary Codes. IEEE Transactions on Information Theory, 2020, 66, 2713-2716.	2.4	4
7	The classification of Steiner triple systems on 27 points with 3-rank 24. Designs, Codes, and Cryptography, 2019, 87, 831-839.	1.6	7
8	2. q-analogs of group divisible designs. , 2019, , 21-38.		1
9	Classifying optimal binary subspace codes of length 8, constant dimension 4 and minimum distance 6. Designs, Codes, and Cryptography, 2019, 87, 375-391.	1.6	12
10	q-Analogs of Designs: Subspace Designs. Signals and Communication Technology, 2018, , 171-211.	0.5	10
11	Computational Methods in Subspace Designs. Signals and Communication Technology, 2018, , 213-244.	0.5	5
12	Short time effect of a single session of intense whole-body electromyostimulation on energy expenditure. A contribution to fat reduction?. Applied Physiology, Nutrition and Metabolism, 2018, 43, 528-530.	1.9	13
13	New Lower Bounds for Binary Constant-Dimension Subspace Codes. Experimental Mathematics, 2018, 27, 179-183.	0.7	9
14	A new series of large sets of subspace designs over the binary field. Designs, Codes, and Cryptography, 2018, 86, 251-268.	1.6	5
15	Preface to the special issue on network coding and designs. Designs, Codes, and Cryptography, 2018, 86, 237-238.	1.6	0
16	The order of the automorphism group of a binary $${\varvec{q}}$$ q -analog of the Fano plane is at most two. Designs, Codes, and Cryptography, 2018, 86, 239-250.	1.6	10
17	Disjoint q -Steiner systems in dimension 13. Electronic Notes in Discrete Mathematics, 2018, 65, 23-29.	0.4	2
18	On dual hyperovals of rank 4 over $${{\mathbb{F}}_2}$$ F 2. Journal of Geometry, 2017, 108, 75-98.	0.4	3

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19	EXISTENCE OF -ANALOGS OF STEINERÂSYSTEMS. Forum of Mathematics, Pi, 2016, 4, .	2.0	48
20	The automorphism group of an extremal [120, 60, 24] code does not contain elements of order 29. Designs, Codes, and Cryptography, 2016, 78, 693-702.	1.6	1
21	New Upper Bounds on Binary Linear Codes and a $ {mathbb Z}_{4}$ -Code With a Better-Than-Linear Gray Image. IEEE Transactions on Information Theory, 2016, 62, 6768-6771.	2.4	3
22	Unitals in the Desarguesian projective plane of order 16. Journal of Statistical Planning and Inference, 2014, 144, 110-122.	0.6	7
23	Large sets of t -designs over finite fields. Journal of Combinatorial Theory - Series A, 2014, 124, 195-202.	0.8	14
24	Towards the classification of self-dual bent functions in eight variables. Designs, Codes, and Cryptography, 2013, 68, 395-406.	1.6	11
25	Towards More Fairness: Forbid IOC Vote Trading. Applied Economics Quarterly, 2013, 59, 295-309.	0.1	0
26	Minimum Weights and Weight Enumerators of BBZ_{4}-Linear Quadratic Residue Codes. IEEE Transactions on Information Theory, 2012, 58, 4870-4883.	2.4	10
27	New Binary Singly Even Self-Dual Codes. IEEE Transactions on Information Theory, 2010, 56, 1612-1617.	2.4	13
28	Mutually disjoint designs and new 5â€designs derived from groups and codes. Journal of Combinatorial Designs, 2010, 18, 305-317.	0.6	3
29	Does trading votes in national elections change election outcomes?. Public Choice, 2009, 139, 429-441.	1.7	1
30	Construction of binary and ternary self-orthogonal linear codes. Discrete Applied Mathematics, 2009, 157, 2118-2123.	0.9	1
31	Simple 8-(31,12,3080), 8-(40,12,16200) and 8-(40,12,16520) designs from PSL(3, 5) and PSL(4, 3). Discrete Mathematics, 2008, 308, 166-174.	0.7	2
32	Binary self-dual codes with automorphisms of order 23. Designs, Codes, and Cryptography, 2008, 48, 155-164.	1.6	7
33	Construction of self-orthogonal linear codes. Electronic Notes in Discrete Mathematics, 2006, 27, 105.	0.4	0
34	New Results on Codes with Covering Radius 1 and Minimum Distance 2. Designs, Codes, and Cryptography, 2005, 35, 241-250.	1.6	7
35	Construction of (n,r)-arcs in PG(2,q). Innovations in Incidence Geometry, 2005, 1, 133-141.	0.1	22
36	A New Lower Bound for the Football Pool Problem for Six Matches. Journal of Combinatorial Theory - Series A, 2002, 99, 175-179.	0.8	8

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37	Attacking the Market Split Problem with Lattice Point Enumeration. Journal of Combinatorial Optimization, 2002, 6, 5-16.	1.3	18
38	New large sets oft-designs. Journal of Combinatorial Designs, 2001, 9, 40-59.	0.6	20
39	Steiner systems with automorphism groups PSL(2, 71), PSL(2, 83), and P?L(2, 35). Journal of Geometry, 2000, 67, 35-41.	0.4	10
40	Simple 8-(40,11,1440) designs. Discrete Applied Mathematics, 1999, 95, 109-114.	0.9	5
41	New t-designs and large sets of t-designs. Discrete Mathematics, 1999, 197-198, 111-121.	0.7	2
42	A Steiner 5-Design on 36 Points. Designs, Codes, and Cryptography, 1999, 17, 181-186.	1.6	11
43	Simple 7-designs with small parameters. Journal of Combinatorial Designs, 1999, 7, 79-94.	0.6	16
44	Simple 7â€‰designs with small parameters. Journal of Combinatorial Designs, 1999, 7, 79-94.	0.6	1
45	Simple 8-Designs with Small Parameters. Designs, Codes, and Cryptography, 1998, 15, 5-27.	1.6	20
46	Finding simplet-designs with enumeration techniques. Journal of Combinatorial Designs, 1998, 6, 79-90.	0.6	35
47	Finding simple t-designs with enumeration techniques. , 1998, 6, 79.		1
48	The discovery of simple 7-designs with automorphism group PÎ“L(2, 32). Lecture Notes in Computer Science, 1995, , 131-145.	1.3	12