

# Tao Feng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3964479/publications.pdf>

Version: 2024-02-01

50  
papers

666  
citations

623734

14  
h-index

580821

25  
g-index

50  
all docs

50  
docs citations

50  
times ranked

250  
citing authors

#	ARTICLE	IF	CITATIONS
1	The point regular automorphism groups of the Payne derived quadrangle of $W(q)$ . Journal of Combinatorial Theory - Series A, 2021, 179, 105384.	0.8	1
2	On Transitive Ovoids of Finite Hermitian Polar Spaces. Combinatorica, 2021, 41, 645-667.	1.2	1
3	New constructions of large cyclic subspace codes and Sidon spaces. Discrete Mathematics, 2021, 344, 112273.	0.7	12
4	A Construction of Minimal Linear Codes From Partial Difference Sets. IEEE Transactions on Information Theory, 2021, 67, 3724-3734.	2.4	4
5	Cameron's Liebler line classes with parameter $x$ $\frac{\text{PG}(2, q)}{C_2}$ Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 56	1.1	6
6	On codes in the projective linear group $PGL(2, q)$ . Finite Fields and Their Applications, 2021, 75, 101812.	1.0	0
7	On $m$ -ovoids of symplectic polar spaces. Journal of Combinatorial Theory - Series A, 2020, 175, 105279.	0.8	4
8	Partial difference sets and amorphic Cayley schemes in non-abelian 2-groups. Journal of Combinatorial Designs, 2020, 28, 273-293.	0.6	1
9	An infinite family of $m$ -ovoids of $Q(4, q)$ . Finite Fields and Their Applications, 2020, 63, 101644.	1.0	3
10	On the existence of $m$ -Nan configurations in ovoidal Buekenhout-Metz unitals in $PG(2, q)$ . Discrete Mathematics, 2019, 342, 2324-2332.	0.7	2
11	The Shift Bound for Abelian Codes and Generalizations of the Donoho-Stark Uncertainty Principle. IEEE Transactions on Information Theory, 2019, 65, 4673-4682.	2.4	4
12	On the isotopism classes of the Budaghyan-Helleseth commutative semifields. Finite Fields and Their Applications, 2018, 53, 175-188.	1.0	1
13	Finite flag-transitive affine planes with a solvable automorphism group. Journal of Combinatorial Theory - Series A, 2017, 152, 225-254.	0.8	0
14	Some new results on permutation polynomials over finite fields. Designs, Codes, and Cryptography, 2017, 83, 425-443.	1.6	31
15	Three-valued Gauss periods, circulant weighing matrices and association schemes. Journal of Algebraic Combinatorics, 2016, 43, 851-875.	0.8	2
16	A family of $m$ -ovoids of parabolic quadrics. Journal of Combinatorial Theory - Series A, 2016, 140, 97-111.	0.8	7
17	Constructions of strongly regular Cayley graphs and skew Hadamard difference sets from cyclotomic classes. Combinatorica, 2015, 35, 413-434.	1.2	14
18	Cameron's Liebler line classes with parameter $x$ $\frac{\text{PG}(2, q)}{C_2}$ Journal of Combinatorial Theory - Series A, 2015, 133, 307-338.	0.8	27

#	ARTICLE	IF	CITATIONS
19	A Characterization of Two-Weight Projective Cyclic Codes. IEEE Transactions on Information Theory, 2015, 61, 66-71.	2.4	5
20	On homogeneous planar functions. Finite Fields and Their Applications, 2015, 31, 121-136.	1.0	1
21	Paley type sets from cyclotomic classes and Dillon's difference sets. Designs, Codes, and Cryptography, 2015, 74, 581-600.	1.6	1
22	New pseudo-planar binomials in characteristic two and related schemes. Designs, Codes, and Cryptography, 2015, 76, 345-360.	1.6	7
23	Nonsymmetric primitive translation schemes of prime power order. Journal of Algebraic Combinatorics, 2015, 41, 1-20.	0.8	1
24	On the Existence of Certain Optimal Self-Dual Codes with Lengths Between 74 and 116. Electronic Journal of Combinatorics, 2015, 22, .	0.4	1
25	Association schemes related to Delsarte's Goethals codes. Journal of Algebraic Combinatorics, 2014, 40, 601-631.	0.8	0
26	Difference sets with few character values. Designs, Codes, and Cryptography, 2014, 73, 825-839.	1.6	0
27	Some New Results on the Cross Correlation of $\langle \mathbf{a}, \mathbf{b} \rangle$ Sequences. IEEE Transactions on Information Theory, 2014, 60, 3062-3068.	2.4	23
28	On the Weight Distribution of Cyclic Codes With Niho Exponents. IEEE Transactions on Information Theory, 2014, 60, 3903-3912.	2.4	15
29	Hadamard difference sets related to Lander's conjecture. Journal of Algebra, 2014, 403, 29-47.	0.7	1
30	Query-Efficient Locally Decodable Codes of Subexponential Length. Computational Complexity, 2013, 22, 159-189.	0.3	24
31	Binary cyclic codes with two primitive nonzeros. Science China Mathematics, 2013, 56, 1403-1412.	1.7	13
32	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
33	Evaluation of the Weight Distribution of a Class of Cyclic Codes Based on Index 2 Gauss Sums. IEEE Transactions on Information Theory, 2013, 59, 5980-5984.	2.4	14
34	Three-class association schemes from cyclotomy. Journal of Combinatorial Theory - Series A, 2013, 120, 1202-1215.	0.8	3
35	Abelian and non-abelian Paley type group schemes. Designs, Codes, and Cryptography, 2013, 68, 141-154.	1.6	1
36	Pseudocyclic and non-amorphic fusion schemes of the cyclotomic association schemes. Designs, Codes, and Cryptography, 2012, 65, 247-257.	1.6	6

#	ARTICLE	IF	CITATIONS
37	Strongly regular graphs from unions of cyclotomic classes. Journal of Combinatorial Theory Series B, 2012, 102, 982-995.	1.0	28
38	Cyclotomic constructions of skew Hadamard difference sets. Journal of Combinatorial Theory - Series A, 2012, 119, 245-256.	0.8	28
39	On cyclic codes of length $2^{2r}-1$ with two zeros whose dual codes have three weights. Designs, Codes, and Cryptography, 2012, 62, 253-258.	1.6	66
40	Association schemes arising from bent functions. Designs, Codes, and Cryptography, 2011, 59, 319-331.	1.6	38
41	Exterior algebras and two conjectures on finite abelian groups. Israel Journal of Mathematics, 2011, 182, 425-437.	0.8	4
42	Non-abelian skew Hadamard difference sets fixed by a prescribed automorphism. Journal of Combinatorial Theory - Series A, 2011, 118, 27-36.	0.8	12
43	Strongly regular graphs associated with ternary bent functions. Journal of Combinatorial Theory - Series A, 2010, 117, 668-682.	0.8	73
44	A new construction of perfect nonlinear functions using Galois rings. Journal of Combinatorial Designs, 2009, 17, 229-239.	0.6	5
45	Relative $(pn, p, pn, n)$ -difference sets with $\hat{A}GCD(p, n) = 1$ . Journal of Algebraic Combinatorics, 2009, 29, 91-106.	0.8	5
46	On self-orthogonal group ring codes. Designs, Codes, and Cryptography, 2009, 50, 203-214.	1.6	3
47	Difference sets with $n \hat{A} = \hat{A} 5 p r$ . Designs, Codes, and Cryptography, 2009, 51, 175-194.	1.6	2
48	Semi-regular relative difference sets with large forbidden subgroups. Journal of Combinatorial Theory - Series A, 2008, 115, 1456-1473.	0.8	5
49	Codebooks from almost difference sets. Designs, Codes, and Cryptography, 2008, 46, 113-126.	1.6	33
50	A Generic Construction of Complex Codebooks Meeting the Welch Bound. IEEE Transactions on Information Theory, 2007, 53, 4245-4250.	2.4	106