

Haode Yan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A note on the constructions of MDS self-dual codes. <i>Cryptography and Communications</i> , 2019, 11, 259-268.	1.4	34
2	A family of optimal ternary cyclic codes from the Niho-type exponent. <i>Finite Fields and Their Applications</i> , 2018, 54, 101-112.	1.0	26
3	Investigations on c -(Almost) Perfect Nonlinear Functions. <i>IEEE Transactions on Information Theory</i> , 2021, 67, 6916-6925.	2.4	25
4	A note on the differential spectrum of a differentially 4-uniform power function. <i>Finite Fields and Their Applications</i> , 2017, 48, 117-125.	1.0	22
5	Four families of minimal binary linear codes with $w_{\min}/w_{\max} \leq 1/2$. <i>Applicable Algebra in Engineering, Communications and Computing</i> , 2019, 30, 175-184.	0.5	22
6	On an open problem about a class of optimal ternary cyclic codes. <i>Finite Fields and Their Applications</i> , 2019, 59, 335-343.	1.0	22
7	On a conjecture of differentially 8-uniform power functions. <i>Designs, Codes, and Cryptography</i> , 2018, 86, 1601-1621.	1.6	20
8	Optimal Cyclic Locally Repairable Codes via Cyclotomic Polynomials. <i>IEEE Communications Letters</i> , 2019, 23, 202-205.	4.1	20
9	A class of six-weight cyclic codes and their weight distribution. <i>Designs, Codes, and Cryptography</i> , 2015, 77, 1-9.	1.6	17
10	Differential Spectrum of Kasami Power Permutations Over Odd Characteristic Finite Fields. <i>IEEE Transactions on Information Theory</i> , 2019, 65, 6819-6826.	2.4	15
11	On $(\hat{a} \in \mathbb{F}_3)$ -differential uniformity of ternary APN power functions. <i>Cryptography and Communications</i> , 2022, 14, 357-369.	1.4	12
12	Differential spectra of a class of power permutations with characteristic 5. <i>Designs, Codes, and Cryptography</i> , 2021, 89, 1181-1191.	1.6	11
13	A new lower bound on the second-order nonlinearity of a class of monomial bent functions. <i>Cryptography and Communications</i> , 2020, 12, 77-83.	1.4	8
14	A class of five-weight cyclic codes and their weight distribution. <i>Designs, Codes, and Cryptography</i> , 2016, 79, 353-366.	1.6	7
15	A class of primitive BCH codes and their weight distribution. <i>Applicable Algebra in Engineering, Communications and Computing</i> , 2018, 29, 1-11.	0.5	7
16	New Ternary Power Mapping with Differential Uniformity $\hat{1}$ and Related Optimal Cyclic Codes. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2019, E102.A, 849-853.	0.3	7
17	The Differential Spectrum of the Power Mapping $x \rightarrow x^p$. <i>IEEE Transactions on Information Theory</i> , 2022, 68, 5535-5547.	2.4	7
18	A note on the differential spectrum of a class of power mappings with Niho exponent. <i>Cryptography and Communications</i> , 2022, 14, 1081-1089.	1.4	5

#	ARTICLE	IF	CITATIONS
19	On the distribution of odd values of $\sum_{d n} \chi(d)$ partition functions. Journal of Number Theory, 2014, 143, 14-23.	0.4	4
20	Improving lower bounds on the second-order nonlinearity of three classes of Boolean functions. Discrete Mathematics, 2020, 343, 111698.	0.7	4
21	Two classes of power mappings with boomerang uniformity 2. Advances in Mathematics of Communications, 2022, .	0.7	2
22	Optimization Method for Designing Sequences With Low Partial-period Autocorrelation Sidelobes. , 2019, , .		1
23	Differential spectra of a class of power permutations with Niho exponents. Advances in Mathematics of Communications, 2023, 17, 1468-1475.	0.7	1
24	Two classes of cyclic codes and their weight enumerator. Designs, Codes, and Cryptography, 2016, 81, 1-9.	1.6	0
25	Incidence Matrices of Finite Quadratic Spaces. Vietnam Journal of Mathematics, 2018, 46, 707-715.	0.8	0
26	Sequences with Low Partial-Period Autocorrelation Sidelobes Constructed via Optimization Method. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2021, E104.A, 384-391.	0.3	0
27	Cyclic LRCs with Availability from Linearized Polynomials. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2021, E104.A, 991-995.	0.3	0
28	A class of binary cyclic codes with optimal parameters. Cryptography and Communications, 0, , 1.	1.4	0
29	A class of power functions with four-valued Walsh transform and related cyclic codes. Finite Fields and Their Applications, 2022, 83, 102078.	1.0	0