

# Haode Yan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1506466/publications.pdf>

Version: 2024-02-01

29  
papers

299  
citations

933447

10  
h-index

940533

16  
g-index

29  
all docs

29  
docs citations

29  
times ranked

124  
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential spectra of a class of power permutations with Niho exponents. <i>Advances in Mathematics of Communications</i> , 2023, 17, 1468-1475.	0.7	1
2	On $(\hat{\alpha}^{\infty 1})$ -differential uniformity of ternary APN power functions. <i>Cryptography and Communications</i> , 2022, 14, 357-369.	1.4	12
3	The Differential Spectrum of the Power Mapping $x \rightarrow x^{p^n}$ . <i>IEEE Transactions on Information Theory</i> , 2022, 68, 5535-5547.	2.4	7
4	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
5	A class of power functions with four-valued Walsh transform and related cyclic codes. <i>Finite Fields and Their Applications</i> , 2022, 83, 102078.	1.0	0
6	Two classes of power mappings with boomerang uniformity 2. <i>Advances in Mathematics of Communications</i> , 2022, .	0.7	2
7	Sequences with Low Partial-Period Autocorrelation Sidelobes Constructed via Optimization Method. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2021, E104.A, 384-391.	0.3	0
8	Differential spectra of a class of power permutations with characteristic 5. <i>Designs, Codes, and Cryptography</i> , 2021, 89, 1181-1191.	1.6	11
9	Cyclic LRCs with Availability from Linearized Polynomials. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2021, E104.A, 991-995.	0.3	0
10	Investigations on $c$ -(Almost) Perfect Nonlinear Functions. <i>IEEE Transactions on Information Theory</i> , 2021, 67, 6916-6925.	2.4	25
11	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
12	Improving lower bounds on the second-order nonlinearity of three classes of Boolean functions. <i>Discrete Mathematics</i> , 2020, 343, 111698.	0.7	4
13	Four families of minimal binary linear codes with $\frac{w_{\min}}{w_{\max}} \leq \frac{1}{2}$ . <i>Applicable Algebra in Engineering, Communications and Computing</i> , 2019, 30, 175-184.	0.5	22
14	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
15	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
16	Optimization Method for Designing Sequences With Low Partial-period Autocorrelation Sidelobes. , 2019, , .		1
17	New Ternary Power Mapping with Differential Uniformity $\hat{t}$ 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
18	Optimal Cyclic Locally Repairable Codes via Cyclotomic Polynomials. <i>IEEE Communications Letters</i> , 2019, 23, 202-205.	4.1	20

#	ARTICLE	IF	CITATIONS
19	A note on the constructions of MDS self-dual codes. <i>Cryptography and Communications</i> , 2019, 11, 259-268.	1.4	34
20	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
21	On a conjecture of differentially 8-uniform power functions. <i>Designs, Codes, and Cryptography</i> , 2018, 86, 1601-1621.	1.6	20
22	Incidence Matrices of Finite Quadratic Spaces. <i>Vietnam Journal of Mathematics</i> , 2018, 46, 707-715.	0.8	0
23	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
24	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
25	Two classes of cyclic codes and their weight enumerator. <i>Designs, Codes, and Cryptography</i> , 2016, 81, 1-9.	1.6	0
26	A class of five-weight cyclic codes and their weight distribution. <i>Designs, Codes, and Cryptography</i> , 2016, 79, 353-366.	1.6	7
27	A class of six-weight cyclic codes and their weight distribution. <i>Designs, Codes, and Cryptography</i> , 2015, 77, 1-9.	1.6	17
28	On the distribution of odd values of $\sum_{d n} \mu(d) \sum_{a \in \mathbb{F}_q} \chi(ad)$ partition functions. <i>Journal of Number Theory</i> , 2014, 143, 14-23.	0.4	4
29	A class of binary cyclic codes with optimal parameters. <i>Cryptography and Communications</i> , 0, , 1.	1.4	0