Du Xiaoni

List of Publications by Year
in descending order

33	131	1307594 7	1281871 11
papers	citations	h-index	g-index

33	33	33	55
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On the linear complexity of binary threshold sequences derived from Fermat quotients. Designs, Codes, and Cryptography, 2013, 67, 317-323.	1.6	33
2	Infinite families of 2â€designs from a class of cyclic codes. Journal of Combinatorial Designs, 2020, 28, 157-170.	0.6	21
3	Trace representation of pseudorandom binary sequences derived from Euler quotients. Applicable Algebra in Engineering, Communications and Computing, 2015, 26, 555-570.	0.5	16
4	The Exact Fast Algebraic Immunity of Two Subclasses of the Majority Function. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2016, E99.A, 2084-2088.	0.3	11
5	A generalization of the Hallâ€™s sextic residue sequences. Information Sciences, 2013, 222, 784-794.	6.9	10
6	Infinite families of 2-designs from linear codes. Applicable Algebra in Engineering, Communications and Computing, 2022, 33, 193-211.	0.5	10
7	Linear codes from quadratic forms. Applicable Algebra in Engineering, Communications and Computing, 2017, 28, 535-547.	0.5	7
8	2-Adic Complexity of Two Classes of Generalized Cyclotomic Binary Sequences with Order 4. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2019, E102.A, 1566-1570.	0.3	3
9	A Class of Binary Cyclic Codes with Four Weights. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2017, E100.A, 965-968.	0.3	3
10	A Class of Linear Codes with Three and Five Weights. Chinese Journal of Electronics, 2019, 28, 457-461.	1.5	2
11	Infinite families of 2-designs from a class of non-binary Kasami cyclic codes. Advances in Mathematics of Communications, 2021, 15, 663.	0.7	2
12	Boolean functions with six-valued Walsh spectra and their application. Cryptography and Communications, 2021, 13, 393-405.	1.4	2
13	On the linear complexity of some new q-ary sequences. Information Sciences, 2008, 178, 3300-3306.	6.9	1
14	On pseudorandom sequences of $$k$$ k symbols constructed using finite fields. Applicable Algebra in Engineering, Communications and Computing, 2014, 25, 265-285.	0.5	1
15	Design sequences with high linear complexity over finite fields using generalized cyclotomy. Cryptography and Communications, 2017, 9, 683-691.	1.4	1
16	A class of linear codes with two and three weights. , 2017, , .		1
17	A family of distance-optimal minimal linear codes with flexible parameters. Cryptography and Communications, 2020, 12, 559-567.	1.4	1
18	Linear Complexity of Binary Threshold Sequences Derived from Generalized Polynomial Quotient with Prime-Power Modulus. International Journal of Foundations of Computer Science, 2020, 31, 569-581.	1.1	1

#	Article	IF	Citations
19	Infinite Families of 2-Designs from a Class of Linear Codes Related to Dembowski-Ostrom Functions. International Journal of Foundations of Computer Science, 2021, 32, 253-267.	1.1	1
20	Weight Distribution of a Class of Linear Codes. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2021, E104.A, 399-403.	0.3	1
21	Trace representation of r-ary sequences derived from Euler quotients modulo 2p. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2021, , .	0.3	1
22	A Lower Bound on the Maximum Correlation Magnitude Outside LHZ for LHZ-FHS Sets. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2022, E105.A, 1096-1100.	0.3	1
23	Generic Construction of Boolean Functions with A Few Walsh Transform Values of Any Possible Algebraic Degree. Advances in Mathematics of Communications, 2022, 16, 811-832.	0.7	1
24	On the linear complexity of new generalized cyclotomic binary sequences of order two and period pqr. Tsinghua Science and Technology, 2016, 21, 295-301.	6.1	0
25	A Family of Codebooks with Nearly Optimal Set Size. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2016, E99.A, 994-997.	0.3	0
26	Construction of a Class of Linear Codes with Two Weights. , 2018, , .		0
27	Linear Complexity of Quaternary Sequences over Z₄ Based on Ding-Helleseth Generalized Cyclotomic Classes. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2018, E101.A, 867-871.	0.3	0
28	Weight Distributions of a Class of Linear Codes*. , 2019, , .		0
29	On the k-error linear complexity of 2p2-periodic binary sequences. Science China Information Sciences, 2020, 63, 1.	4.3	0
30	Construction of Two Classes of Minimal Binary Linear Codes Based on Boolean Function. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2022, E105.A, 689-693.	0.3	0
31	Designs from the Narrow-Sense Primitive BCH Codes $$mathcal {C}_{(q, q^m-1, delta _3, 1)}$$. Lecture Notes in Computer Science, 2020, , 65-73.	1.3	0
32	Several classes of permutation polynomials with trace functions over $$mathbb {F}_{p^n}$$. Applicable Algebra in Engineering, Communications and Computing, 2024, 35, 337-349.	0.5	0
33	Construction of Odd-Variable Strictly Almost Optimal Resilient Boolean Functions with Higher Resiliency Order via Modifying High-Meets-Low Technique. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2022, , .	0.3	0