Shuxing Li

List of Publications by Year
in descending order

		933447	752698
23 papers	535 citations	10 h-index	20 g-index
23 all docs	23 docs citations	23 times ranked	414 citing authors

#	Article	IF	Citations
1	Nonexistence of strong external difference families in abelian groups of order being product of at most three primes. Journal of Combinatorial Theory - Series A, 2021, 178, 105338.	0.8	0
2	A direct construction of primitive formally dual pairs having subsets with unequal sizes. Cryptography and Communications, 2020, 12, 469-483.	1.4	2
3	Intersection distribution, non-hitting index and Kakeya sets in affine planes. Finite Fields and Their Applications, 2020, 66, 101691.	1.0	4
4	Vanishing Flats: A Combinatorial Viewpoint on the Planarity of Functions and Their Application. IEEE Transactions on Information Theory, 2020, 66, 7101-7112.	2.4	6
5	Linking systems of difference sets. Journal of Combinatorial Designs, 2019, 27, 161-187.	0.6	2
6	Constructions of primitive formally dual pairs having subsets with unequal sizes. Journal of Combinatorial Designs, 2019, 27, 703-733.	0.6	1
7	On the weight distribution of second order Reed–Muller codes and their relatives. Designs, Codes, and Cryptography, 2019, 87, 2447-2460.	1.6	7
8	Formal duality in finite abelian groups. Journal of Combinatorial Theory - Series A, 2019, 162, 354-405.	0.8	3
9	Construction and nonexistence of strong external difference families. Journal of Algebraic Combinatorics, 2019, 49, 21-48.	0.8	9
10	The weight hierarchy of a family of cyclic codes with arbitrary number of nonzeroes. Finite Fields and Their Applications, 2017, 45, 355-371.	1.0	3
11	The Minimum Distance of Some Narrow-Sense Primitive BCH Codes. SIAM Journal on Discrete Mathematics, 2017, 31, 2530-2569.	0.8	33
12	Narrow-Sense BCH Codes Over $\mathrm{GF}(q)$ With Length $n=\frac{q^{m}-1}{q-1}$. IEEE Transactions on Information Theory, 2017, 63, 7219-7236.	2.4	38
13	The Weight Hierarchy of Some Reducible Cyclic Codes. IEEE Transactions on Information Theory, 2016, 62, 4071-4080.	2.4	14
14	A New Construction of Group Divisible Designs with Nonuniform Group Type. Journal of Combinatorial Designs, 2016, 24, 369-382.	0.6	0
15	Pseudo-cyclic Codes and the Construction of Quantum MDS Codes. IEEE Transactions on Information Theory, 2016, 62, 1703-1710.	2.4	27
16	New pseudo-planar binomials in characteristic two and related schemes. Designs, Codes, and Cryptography, 2015, 76, 345-360.	1.6	7
17	Deterministic Sensing Matrices Arising From Near Orthogonal Systems. IEEE Transactions on Information Theory, 2014, 60, 2291-2302.	2.4	125
18	Difference sets with few character values. Designs, Codes, and Cryptography, 2014, 73, 825-839.	1.6	0

#	ARTICLE	IF	CITATIONS
19	Some New Results on the Cross Correlation of <inline-formula> <tex-math notation="TeX">m </tex-math></inline-formula>-Sequences. IEEE Transactions on Information Theory, 2014, 60, 3062-3068.	2.4	23
20	Deterministic Construction of Sparse Sensing Matrices via Finite Geometry. IEEE Transactions on Signal Processing, 2014, 62, 2850-2859.	5.3	93
21	On the Weight Distribution of Cyclic Codes With Niho Exponents. IEEE Transactions on Information Theory, 2014, 60, 3903-3912.	2.4	15
22	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
23	Deterministic Construction of Compressed Sensing Matrices via Algebraic Curves. IEEE Transactions on Information Theory, 2012, 58, 5035-5041.	2.4	101