

Binzhou Xia

List of Publications by Year in descending order

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all docs

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docs citations

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times ranked

130
citing authors

#	ARTICLE	IF	CITATIONS
1	Tighter bounds of the First Fit algorithm for the bin-packing problem. <i>Discrete Applied Mathematics</i> , 2010, 158, 1668-1675.	0.9	73
2	Perfect Codes in Cayley Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 2018, 32, 548-559.	0.8	29
3	Cubic graphical regular representations of $\text{PSL}(2, q)$. <i>Discrete Mathematics</i> , 2016, 339, 2051-2055.	0.7	13
4	BERNOULLI NUMBERS AND CONGRUENCES FOR HARMONIC SUMS. <i>International Journal of Number Theory</i> , 2010, 06, 849-855.	0.5	11
5	Decomposing modular tensor products: \tilde{J} -Jordan partitions TM , their parts and p-parts. <i>Israel Journal of Mathematics</i> , 2015, 209, 215-233.	0.8	11
6	On flag-transitive 2-(v,k,2) designs. <i>Journal of Combinatorial Theory - Series A</i> , 2021, 177, 105309.	0.8	10
7	Stability of circulant graphs. <i>Journal of Combinatorial Theory Series B</i> , 2019, 136, 154-169.	1.0	9
8	Characterization of subgroup perfect codes in Cayley graphs. <i>Discrete Mathematics</i> , 2020, 343, 111813.	0.7	9
9	Decomposing modular tensor products, and periodicity of \tilde{J} -Jordan partitions TM . <i>Journal of Algebra</i> , 2016, 450, 570-587.	0.7	8
10	Vertex-quasiprimitive 2-arc-transitive digraphs. <i>Ars Mathematica Contemporanea</i> , 2018, 14, 67-82.	0.6	8
11	An infinite family of vertex-primitive 2-arc-transitive digraphs. <i>Journal of Combinatorial Theory Series B</i> , 2017, 127, 1-13.	1.0	5
12	Factorizations of almost simple groups with a factor having many nonsolvable composition factors. <i>Journal of Algebra</i> , 2019, 528, 439-473.	0.7	5
13	On cubic graphical regular representations of finite simple groups. <i>Journal of Combinatorial Theory Series B</i> , 2020, 141, 1-30.	1.0	5
14	Canonical double covers of generalized Petersen graphs, and double generalized Petersen graphs. <i>Journal of Graph Theory</i> , 2021, 97, 70-81.	0.9	5
15	Quasiprimitive groups containing a transitive alternating group. <i>Journal of Algebra</i> , 2017, 490, 555-567.	0.7	4
16	An infinite family of cubic nonnormal Cayley graphs on nonabelian simple groups. <i>Discrete Mathematics</i> , 2018, 341, 1282-1293.	0.7	4
17	Cyclotomic difference sets in finite fields. <i>Mathematics of Computation</i> , 2018, 87, 2461-2482.	2.1	4
18	Cubic graphical regular representations of $\text{PSL}(3, q)$. <i>Discrete Mathematics</i> , 2020, 343, 111646.	0.7	4

#	ARTICLE	IF	CITATIONS
19	Vertex-primitive s-arc-transitive digraphs of linear groups. Journal of Pure and Applied Algebra, 2019, 223, 5455-5483.	0.6	3
20	Tetravalent half-arc-transitive graphs with unbounded nonabelian vertex stabilizers. Journal of Combinatorial Theory Series B, 2021, 147, 159-182.	1.0	3
21	Cubic graphical regular representations of $PSU_3(q)$. Discrete Mathematics, 2022, 345, 112982.	0.7	3
22	The covering radius of $\langle \text{PGL}(n, q) \text{ acting on } \mathbb{P}^1(q) \rangle$. Discrete Mathematics, 2017, 340, 2469-2471.	0.7	2
23	Vertex-imprimitive symmetric graphs with exactly one edge between any two distinct blocks. Journal of Combinatorial Theory - Series A, 2017, 152, 303-340.	0.8	2
24	Stability of graph pairs. Journal of Combinatorial Theory Series B, 2021, 147, 71-95.	1.0	2
25	Constructing infinitely many half-arc-transitive covers of tetravalent graphs. Journal of Combinatorial Theory - Series A, 2021, 180, 105406.	0.8	2
26	A Family of Symmetric Graphs with Complete Quotients. Electronic Journal of Combinatorics, 2016, 23, .	0.4	2
27	Subgroup regular sets in Cayley graphs. Discrete Mathematics, 2022, 345, 113023.	0.7	2
28	The covering radii of the 2-transitive unitary, Suzuki, and Ree groups. Journal of Group Theory, 2019, 22, 103-117.	0.2	1
29	Finite quasiprimitive permutation groups with a metacyclic transitive subgroup. Journal of Algebra, 2021, 588, 250-277.	0.7	1
30	On Isomorphisms of Vertex-transitive Graphs. Electronic Journal of Combinatorics, 2016, 23, .	0.4	1
31	A new kind of Diophantine equations. Acta Arithmetica, 2011, 147, 245-251.	0.4	1
32	A new approach for bicriteria partitioning problem. Optimization Letters, 2015, 9, 1025-1037.	1.6	0
33	â€ˆNorman involutionsâ€™ and tensor products of unipotent Jordan blocks. Israel Journal of Mathematics, 2019, 230, 153-181.	0.8	0
34	An explicit characterization of arc-transitive circulants. Journal of Combinatorial Theory Series B, 2021, 150, 1-16.	1.0	0