Alireza Abdollahi

List of Publications by Year
in descending order

73	582	840776 11	713466 21
papers	citations	h-index	g-index

74	74	74	182
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Non-commuting graph of a group. Journal of Algebra, 2006, 298, 468-492.	0.7	174
2	Noncyclic Graph of a Group. Communications in Algebra, 2007, 35, 2057-2081.	0.6	29
3	Commuting graphs of full matrix rings over finite fields. Linear Algebra and Its Applications, 2008, 428, 2947-2954.	0.9	25
4	Powerful p-groups have non-inner automorphisms of order p and some cohomology. Journal of Algebra, 2010, 323, 779-789.	0.7	20
5	Finite p-groups of class 2 have noninner automorphisms of order p. Journal of Algebra, 2007, 312, 876-879.	0.7	19
6	Non-Nilpotent Graph of a Group. Communications in Algebra, 2010, 38, 4390-4403.	0.6	19
7	On groups with an irredundant 7-cover. Journal of Pure and Applied Algebra, 2007, 209, 291-300.	0.6	16
8	On locally finite p-groups satisfying an Engel condition. Proceedings of the American Mathematical Society, 2002, 130, 2827-2836.	0.8	14
9	Groups with a Maximal Irredundant 6-Cover. Communications in Algebra, 2005, 33, 3225-3238.	0.6	14
10	Characterization of the alternating group by its non-commuting graph. Journal of Algebra, 2012, 357, 203-207.	0.7	14
11	Left 3-Engel elements in groups. Journal of Pure and Applied Algebra, 2004, 188, 1-6.	0.6	12
12	On the Right and Left 4-Engel Elements. Communications in Algebra, 2010, 38, 933-943.	0.6	12
13	Groups all of whose undirected Cayley graphs are integral. European Journal of Combinatorics, 2014, 38, 102-109.	0.8	12
14	Engel graph associated with a group. Journal of Algebra, 2007, 318, 680-691.	0.7	11
15	Finite p-groups of class 3 have noninner automorphisms of order p. Beitrage Zur Algebra Und Geometrie, 2013, 54, 363-381.	0.5	11
16	A condition on finitely generated soluble groups. Communications in Algebra, 1999, 27, 5633-5638.	0.6	10
17	Some Engel conditions on infinite subsets of certain groups. Bulletin of the Australian Mathematical Society, 2000, 62, 141-148.	0.5	9
18	ON NONINNER 2-AUTOMORPHISMS OF FINITE 2-GROUPS. Bulletin of the Australian Mathematical Society, 2014, 90, 227-231.	0.5	9

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19	Group properties characterised by configurations. Illinois Journal of Mathematics, 2004, 48, .	0.1	9
20	CONFIGURATION OF NILPOTENT GROUPS AND ISOMORPHISM. Journal of Algebra and Its Applications, 2009, 08, 339-350.	0.4	8
21	Noninner automorphisms of order p for finite p-groups of coclass 2. Journal of Group Theory, 2014, 17, .	0.2	8
22	Distance between spectra of graphs. Linear Algebra and Its Applications, 2015, 466, 401-408.	0.9	8
23	On the Clique Numbers of Non-commuting Graphs of Certain Groups. Algebra Colloquium, 2010, 17, 611-620.	0.2	7
24	Engel elements in groups. , 0, , 94-117.		7
25	On a problem of P. Hall for Engel words. Archiv Der Mathematik, 2011, 97, 407-412.	0.5	7
26	Cospectrality of graphs. Linear Algebra and Its Applications, 2014, 451, 169-181.	0.9	7
27	Distance-regular Cayley graphs with least eigenvalue $$-2$$ - 2. Designs, Codes, and Cryptography, 2017, 84, 73-85.	1.6	7
28	Commutativity Pattern of Finite Non-Abelianp-Groups Determine Their Orders. Communications in Algebra, 2013, 41, 451-461.	0.6	6
29	Non-Commuting Graphs of Nilpotent Groups. Communications in Algebra, 2014, 42, 3944-3949.	0.6	6
30	A characterization of infinite 3-abelian groups. Archiv Der Mathematik, 1999, 73, 104-108.	0.5	5
31	A large family of cospectral Cayley graphs over dihedral groups. Discrete Mathematics, 2017, 340, 1116-1121.	0.7	5
32	Cohomologically trivial modules over finite groups of prime power order. Journal of Algebra, 2011, 342, 154-160.	0.7	4
33	Groups generated by a finite Engel set. Journal of Algebra, 2011, 347, 53-59.	0.7	4
34	On groups admitting no integral Cayley graphs besides complete multipartite graphs. Applicable Analysis and Discrete Mathematics, 2013, 7, 119-128.	0.7	4
35	Groups all of whose undirected Cayley graphs are determined by their spectra. Journal of Algebra and Its Applications, 2016, 15, 1650175.	0.4	4
36	Finite nilpotent groups that coincide with their 2-closures in all of their faithful permutation representations. Journal of Algebra and Its Applications, 2018, 17, 1850065.	0.4	4

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37	A Property Equivalent to n-Permutability for Infinite Groups. Journal of Algebra, 1999, 221, 570-578.	0.7	3
38	Paradoxical Decomposition of Semigroups. Semigroup Forum, 2005, 71, 471-480.	0.6	3
39	Minimal Number of Generators and Minimum Order of a Non-Abelian Group Whose Elements Commute with Their Endomorphic Images. Communications in Algebra, 2008, 36, 1976-1987.	0.6	3
40	RIGHT 4-ENGEL ELEMENTS OF A GROUP. Journal of Algebra and Its Applications, 2010, 09, 763-769.	0.4	3
41	Zero divisors and units with small supports in group algebras of torsion-free groups. Communications in Algebra, 2018, 46, 887-925.	0.6	3
42	Groups with an Engel restriction on proper subgroups of infinite rank. Journal of Algebra and Its Applications, 2020, 19, 2050213.	0.4	3
43	Powers of a product of commutators as products of squares. International Journal of Mathematics and Mathematical Sciences, 2004, 2004, 373-375.	0.7	2
44	On Conditions for an Endomorphism to be an Automorphism. Algebra Colloquium, 2005, 12, 709-714.	0.2	2
45	3-Rewritable Nilpotent 2-Groups of Class 2#. Communications in Algebra, 2005, 33, 1417-1425.	0.6	2
46	Finite Nilpotent Groups Whose Cyclic Subgroups are TI-Subgroups. Bulletin of the Malaysian Mathematical Sciences Society, 2017, 40, 1577-1589.	0.9	2
47	Compact groups with many elements of bounded order. Journal of Group Theory, 2020, 23, 991-998.	0.2	2
48	On one-factorizations of replacement products. Filomat, 2013, 27, 57-63.	0.5	2
49	A permutability problem in infinite groups and Ramsey's theorem. Bulletin of the Australian Mathematical Society, 2001, 64, 27-31.	0.5	1
50	3-Generator Groups Whose Elements Commute with Their Endomorphic Images Are Abelian. Communications in Algebra, 2008, 36, 3783-3791.	0.6	1
51	Minimal Blocking Sets inPG(n, 2) and Covering Groups by Subgroups. Communications in Algebra, 2008, 36, 365-380.	0.6	1
52	Character Sums for Cayley Graphs. Communications in Algebra, 2015, 43, 5159-5167.	0.6	1
53	Non-triviality of Tate cohomology for certain classes of finitep-groups. Communications in Algebra, 2017, 45, 5188-5192.	0.6	1
54	Units of Group Algebras of the Fours Group. Bulletin of the Iranian Mathematical Society, 2020, 46, 1371-1387.	1.0	1

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55	COMMUTING PROBABILITY OF COMPACT GROUPS. Bulletin of the Australian Mathematical Society, 0, , 1-5.	0.5	1
56	Compact groups with a set of positive Haar measure satisfying a nilpotent law. Mathematical Proceedings of the Cambridge Philosophical Society, 0, , 1-4.	0.4	1
57	ANn-REWRITABILITY CRITERION FOR INFINITE GROUPS. Communications in Algebra, 2001, 29, 1571-1581.	0.6	0
58	Certain locally nilpotent varieties of groups. Bulletin of the Australian Mathematical Society, 2003, 67, 115-119.	0.5	0
59	Rings virtually satisfying a polynomial identity. Journal of Pure and Applied Algebra, 2005, 198, 9-19.	0.6	0
60	On Commutativity and Centrality in Infinite Rings. Communications in Algebra, 2007, 35, 1323-1332.	0.6	0
61	Non-solvable groups generated by involutions in which every involution is left 2-Engel. Journal of Group Theory, 2015, 18, .	0.2	0
62	Finite p-groups with the least number of outer p-automorphisms. Journal of Algebra and Its Applications, 2017, 16, 1750111.	0.4	0
63	Groups of Prime Power Order Covered by a Certain Number of Proper Subgroups. Bulletin of the Iranian Mathematical Society, 2018, 44, 1067-1068.	1.0	0
64	Non-Abelian finite groups whose character sums are invariant but are not Cayley isomorphism. Journal of Algebra and Its Applications, 2019, 18, 1950013.	0.4	0
65	Zero divisor and unit elements with supports of size 4 in group algebras of torsion-free groups. Communications in Algebra, 2019, 47, 424-449.	0.6	0
66	Automorphism Groups of 2-Groups of Coclass at Most 3. Bulletin of the Malaysian Mathematical Sciences Society, 2020, 43, 2313-2320.	0.9	0
67	Quotients of Passman Fours Group and Non-units of Their Group Algebras. Bulletin of the Iranian Mathematical Society, 2020, , 1.	1.0	0
68	Cardinality of product sets in torsion-free groups and applications in group algebras. Journal of Algebra and Its Applications, 2020, 19, 2050079.	0.4	0
69	Proof of a conjecture on spectral distance between cycles, paths and certain trees. Discrete Mathematics, Algorithms and Applications, 2021, 13, .	0.6	0
70	Groups of Prime Power Order Isomorphic to Their Automorphism Groups. Bulletin of the Iranian Mathematical Society, 0, , 1.	1.0	0
71	A COMBINATORIAL PROPERTY OF BURNSIDE VARIETIES OF GROUPS. , 2007, , .		0
72	p-groups for which each outer p-automorphism centralizes only p elements. Glasnik Matematicki, 2014, 49, 119-122.	0.3	0

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73	Equidistant permutation group codes. Designs, Codes, and Cryptography, 0, , 1.	1.6	0