

# Aleksander Malnic

## List of Publications by Year in descending order

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43  
papers

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citations

331670

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Lifting Graph Automorphisms by Voltage Assignments. <i>European Journal of Combinatorics</i> , 2000, 21, 927-947.	0.8	124
2	Elementary Abelian Covers of Graphs. <i>Journal of Algebraic Combinatorics</i> , 2004, 20, 71-97.	0.8	87
3	Group actions, coverings and lifts of automorphisms. <i>Discrete Mathematics</i> , 1998, 182, 203-218.	0.7	76
4	A census of semisymmetric cubic graphs on up to 768 vertices. <i>Journal of Algebraic Combinatorics</i> , 2006, 23, 255-294.	0.8	69
5	Cubic edge-transitive graphs of order $2p^3$ . <i>Discrete Mathematics</i> , 2004, 274, 187-198.	0.7	48
6	An infinite family of cubic edge- but not vertex-transitive graphs. <i>Discrete Mathematics</i> , 2004, 280, 133-148.	0.7	48
7	On Cubic Graphs Admitting an Edge-Transitive Solvable Group. <i>Journal of Algebraic Combinatorics</i> , 2004, 20, 99-113.	0.8	43
8	Classification of 2-arc-transitive dihedrants. <i>Journal of Combinatorial Theory Series B</i> , 2008, 98, 1349-1372.	1.0	38
9	Distance-balanced graphs: Symmetry conditions. <i>Discrete Mathematics</i> , 2006, 306, 1881-1894.	0.7	36
10	Semisymmetric elementary abelian covers of the MÃ¶biusâ€™Kantor graph. <i>Discrete Mathematics</i> , 2007, 307, 2156-2175.	0.7	34
11	Systems of Curves on Surfaces. <i>Journal of Combinatorial Theory Series B</i> , 1996, 68, 7-22.	1.0	31
12	One-matching bi-Cayley graphs over abelian groups. <i>European Journal of Combinatorics</i> , 2009, 30, 602-616.	0.8	30
13	Invariant subspaces, duality, and covers of the Petersen graph. <i>European Journal of Combinatorics</i> , 2006, 27, 971-989.	0.8	29
14	Semiregular automorphisms of vertex-transitive graphs of certain valencies. <i>Journal of Combinatorial Theory Series B</i> , 2007, 97, 371-380.	1.0	29
15	Minimal normal subgroups of transitive permutation groups of square-free degree. <i>Discrete Mathematics</i> , 2007, 307, 373-385.	0.7	28
16	Constructing 4-Valent 12-Transitive Graphs with a Nonsolvable Automorphism Group. <i>Journal of Combinatorial Theory Series B</i> , 1999, 75, 46-55.	1.0	26
17	Constructing Infinite One-regular Graphs. <i>European Journal of Combinatorics</i> , 1999, 20, 845-853.	0.8	26
18	Characterization of edgeâ€™transitive 4â€™valent bicirculants. <i>Journal of Graph Theory</i> , 2012, 69, 441-463.	0.9	25

#	ARTICLE	IF	CITATIONS
19	Generating locally cyclic triangulations of surfaces. <i>Journal of Combinatorial Theory Series B</i> , 1992, 56, 147-164.	1.0	21
20	Constructing 12-arc-transitive graphs of valency 4 and vertex stabilizer $Z_2 \bar{A} - Z_2$ . <i>Discrete Mathematics</i> , 2002, 245, 203-216.	0.7	21
21	On strongly regular bicirculants. <i>European Journal of Combinatorics</i> , 2007, 28, 891-900.	0.8	21
22	Regular Homomorphisms and Regular Maps. <i>European Journal of Combinatorics</i> , 2002, 23, 449-461.	0.8	17
23	Highly Arc-Transitive Digraphs With No Homomorphism Onto $Z$ . <i>Combinatorica</i> , 2002, 22, 435-443.	1.2	16
24	The strongly distance-balanced property of the generalized Petersen graphs. <i>Ars Mathematica Contemporanea</i> , 2009, 2, 41-47.	0.6	16
25	Symmetry structure of bicirculants. <i>Discrete Mathematics</i> , 2007, 307, 409-414.	0.7	14
26	On non-normal arc-transitive 4-valent dihedrants. <i>Acta Mathematica Sinica, English Series</i> , 2010, 26, 1485-1498.	0.6	14
27	Hamilton cycles in $(2, \text{odd}, 3)$ -Cayley graphs. <i>Proceedings of the London Mathematical Society</i> , 2012, 104, 1171-1197.	1.3	12
28	Chirality of Toroidal Molecular Graphs. <i>Journal of Chemical Information and Modeling</i> , 2005, 45, 1527-1535.	5.4	11
29	Action graphs and coverings. <i>Discrete Mathematics</i> , 2002, 244, 299-322.	0.7	10
30	The edge-transitive but not vertex-transitive cubic graph on 112 vertices. <i>Journal of Graph Theory</i> , 2005, 50, 25-42.	0.9	9
31	On 2-fold covers of graphs. <i>Journal of Combinatorial Theory Series B</i> , 2008, 98, 324-341.	1.0	9
32	Regular maps with nilpotent automorphism groups. <i>European Journal of Combinatorics</i> , 2012, 33, 1974-1986.	0.8	9
33	Highly arc transitive digraphs: reachability, topological groups. <i>European Journal of Combinatorics</i> , 2005, 26, 19-28.	0.8	8
34	Reachability relations in digraphs. <i>European Journal of Combinatorics</i> , 2008, 29, 1566-1581.	0.8	7
35	QUASI $m$ -CAYLEY STRONGLY REGULAR GRAPHS. <i>Journal of the Korean Mathematical Society</i> , 2013, 50, 1199-1211.	0.4	7
36	Groups that are transitive on all partitions of a given shape. <i>Journal of Algebraic Combinatorics</i> , 2015, 42, 605-617.	0.8	6

#	ARTICLE	IF	CITATIONS
37	Transitive group actions: (im)primitivity and semiregular subgroups. Journal of Algebraic Combinatorics, 2015, 41, 867-885.	0.8	5
38	On the number of closed walks in vertex-transitive graphs. Discrete Mathematics, 2007, 307, 484-493.	0.7	4
39	Tetravalent vertex- and edge-transitive graphs over doubled cycles. Journal of Combinatorial Theory Series B, 2018, 131, 109-137.	1.0	3
40	Semiovals contained in the union of three concurrent lines. Journal of Combinatorial Designs, 2007, 15, 491-501.	0.6	2
41	The simultaneous conjugacy problem in the symmetric group. Mathematics of Computation, 2021, 90, 2977-2995.	2.1	2
42	Equisizable partial sum families. Journal of Algebraic Combinatorics, 2020, 51, 273-296.	0.8	0
43	A subquadratic algorithm for the simultaneous conjugacy problem. Journal of Graph Theory, 0, , .	0.9	0