

# Robert Jajcay

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	On the Cayleyness of Praeger-Xu graphs. Journal of Combinatorial Theory Series B, 2022, 152, 55-79.	1.0	2
2	On a relation between bipartite biregular cages, block designs and generalized polygons. Journal of Combinatorial Designs, 2022, 30, 479-496.	0.6	1
3	Inverse monoids of partial graph automorphisms. Journal of Algebraic Combinatorics, 2021, 53, 829-849.	0.8	2
4	The Impact of Emigration on Slovak Mathematics: The Case of the Bratislava Graph Theory Seminar. Mathematical Intelligencer, 2021, 43, 45-53.	0.2	0
5	Extremal Edge-Girth-Regular Graphs. Graphs and Combinatorics, 2021, 37, 2139-2154.	0.4	2
6	Bounds for the Energy of Graphs. Mathematics, 2021, 9, 1687.	2.2	11
7	A Connection Between a Question of Bermond and Bollobás and Ramanujan Graphs. Acta Applicandae Mathematicae, 2021, 175, 1.	1.0	0
8	Half-cyclic, dihedral and half-dihedral codes. Journal of Applied Mathematics and Computing, 2020, 64, 691-708.	2.5	1
9	On the defect of vertex-transitive graphs of given degree and diameter. Journal of Combinatorial Theory Series B, 2019, 134, 322-340.	1.0	3
10	Regular and orientably-regular maps with quasiprimitive automorphism groups on vertices. Geometriae Dedicata, 2019, 203, 389-418.	0.3	1
11	On the non-existence of families of $(d, k, \hat{1})$ -digraphs containing only selfrepeat vertices. Linear Algebra and Its Applications, 2019, 563, 302-312.	0.9	0
12	On biregular bipartite graphs of small excess. Discrete Mathematics, 2019, 342, 2066-2076.	0.7	3
13	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e18" altimg="si18.gif"} \rangle \langle \text{mml:mi} \rangle r \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -regular families of graph automorphisms. European Journal of Combinatorics, 2019, 79, 97-110.	0.8	1
14	Symmetry properties of generalized graph truncations. Journal of Combinatorial Theory Series B, 2019, 137, 291-315.	1.0	8
15	On the excess of vertex-transitive graphs of given degree and girth. Discrete Mathematics, 2018, 341, 772-780.	0.7	2
16	Edge-girth-regular graphs. European Journal of Combinatorics, 2018, 72, 70-82.	0.8	9
17	Cyclic complements and skew morphisms of groups. Journal of Algebra, 2016, 453, 68-100.	0.7	12
18	Cayley properties of merged Johnson graphs. Journal of Algebraic Combinatorics, 2016, 44, 1047-1067.	0.8	7

#	ARTICLE	IF	CITATIONS
19	Small bi-regular graphs of even girth. <i>Discrete Mathematics</i> , 2016, 339, 658-667.	0.7	4
20	Biregular Cages of Odd Girth. <i>Journal of Graph Theory</i> , 2016, 81, 50-56.	0.9	3
21	Powers of Skew-Morphisms. <i>Springer Proceedings in Mathematics and Statistics</i> , 2016, , 1-25.	0.2	4
22	Improved Lower Bounds for the Orders of Even Girth Cages. <i>Electronic Journal of Combinatorics</i> , 2016, 23, .	0.4	4
23	Half-Regular Cayley Maps. <i>Graphs and Combinatorics</i> , 2015, 31, 1003-1018.	0.4	7
24	Generalized Cages. <i>Electronic Journal of Combinatorics</i> , 2015, 22, .	0.4	6
25	Cayley Cages. <i>Journal of Algebraic Combinatorics</i> , 2013, 38, 209-224.	0.8	3
26	Recursive constructions of small regular graphs of given degree and girth. <i>Discrete Mathematics</i> , 2012, 312, 2612-2619.	0.7	8
27	 <small>xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl_struct="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x</small>	0.7	6
28	On the girth of voltage graph lifts. <i>European Journal of Combinatorics</i> , 2011, 32, 554-562.	0.8	7
29	Small vertex-transitive graphs of given degree and girth. <i>Ars Mathematica Contemporanea</i> , 2011, 4, 375-384.	0.6	5
30	On the limitations of the use of solvable groups in Cayley graph cage constructions. <i>European Journal of Combinatorics</i> , 2010, 31, 1819-1828.	0.8	11
31	Properties of Groups for the Cage and Degree/Diameter Problems. <i>Electronic Notes in Discrete Mathematics</i> , 2009, 34, 341-345.	0.4	2
32	Regular t-balanced Cayley maps. <i>Journal of Combinatorial Theory Series B</i> , 2007, 97, 453-473.	1.0	30
33	Regular Cayley maps for finite abelian groups. <i>Journal of Algebraic Combinatorics</i> , 2007, 25, 259-283.	0.8	27
34	On the number of closed walks in vertex-transitive graphs. <i>Discrete Mathematics</i> , 2007, 307, 484-493.	0.7	4
35	Cayley maps. <i>Journal of Combinatorial Theory Series B</i> , 2005, 95, 189-245.	1.0	59
36	Skew-morphisms of regular Cayley maps. <i>Discrete Mathematics</i> , 2002, 244, 167-179.	0.7	54

#	ARTICLE	IF	CITATIONS
37	Constructions of Self-complementary Circulants with No Multiplicative Isomorphisms. European Journal of Combinatorics, 2001, 22, 1093-1100.	0.8	14
38	Embedding arbitrary finite simple graphs into small strongly regular graphs. Journal of Graph Theory, 2000, 34, 1-8.	0.9	1
39	The Structure of Automorphism Groups of Cayley Graphs and Maps. Journal of Algebraic Combinatorics, 2000, 12, 73-84.	0.8	10
40	On a Construction of Infinite Families of Regular Cayley Maps. Combinatorica, 1998, 18, 191-199.	1.2	4
41	Characterization and construction of Cayley graphs admitting regular Cayley maps. Discrete Mathematics, 1996, 158, 151-160.	0.7	9
42	On a New Product of Groups. European Journal of Combinatorics, 1994, 15, 251-252.	0.8	13
43	Automorphism Groups of Cayley Maps. Journal of Combinatorial Theory Series B, 1993, 59, 297-310.	1.0	27