

# Robert Å Æmal

## List of Publications by Year in descending order

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33  
papers

187  
citations

1307594

7  
h-index

1125743

13  
g-index

33  
all docs

33  
docs citations

33  
times ranked

130  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum and non-signalling graph isomorphisms. Journal of Combinatorial Theory Series B, 2019, 136, 289-328.	1.0	31
2	Star Chromatic Index. Journal of Graph Theory, 2013, 72, 313-326.	0.9	30
3	Cayley sum graphs and eigenvalues of $C_n$ . Journal of Graph Theory, 2013, 72, 313-326.	0.9	30
4	Short Cycle Covers of Graphs with Minimum Degree Three. SIAM Journal on Discrete Mathematics, 2010, 24, 330-355.	0.8	17
5	On tension-continuous mappings. European Journal of Combinatorics, 2008, 29, 1025-1054.	0.8	11
6	Sabidussi versus Hedetniemi for three variations of the chromatic number. Combinatorica, 2016, 36, 395-415.	1.2	10
7	New approach to Petersen coloring. Electronic Notes in Discrete Mathematics, 2011, 38, 755-760.	0.4	8
8	Pancyclicity of Strong Products of Graphs. Graphs and Combinatorics, 2004, 20, 91-104.	0.4	5
9	Fractional covering by cuts. Electronic Notes in Discrete Mathematics, 2005, 22, 455-459.	0.4	4
10	Hamilton cycles in strong products of graphs. Journal of Graph Theory, 2005, 48, 299-321.	0.9	4
11	Unexpected behaviour of crossing sequences. Electronic Notes in Discrete Mathematics, 2008, 31, 259-264.	0.4	4
12	Unexpected behaviour of crossing sequences. Journal of Combinatorial Theory Series B, 2011, 101, 448-463.	1.0	4
13	Tension continuous maps and their structure and applications. European Journal of Combinatorics, 2012, 33, 1207-1225.	0.8	4
14	Group connectivity: $Z_4$ vs $Z_{22}$ . Journal of Graph Theory, 2020, 93, 317-327.	0.9	4
15	Highly arc-transitive digraphs and their structure and counterexamples. Combinatorica, 2015, 35, 553-571.	1.2	3
16	Universal Completability, Least Eigenvalue Frameworks, and Vector Colorings. Discrete and Computational Geometry, 2017, 58, 265-292.	0.6	3
17	A rainbow version of Mantel's Theorem. Advances in Combinatorics, 0, , .	0.0	3
18	Graph Cores via Universal Completability. Electronic Notes in Discrete Mathematics, 2015, 49, 337-344.	0.4	2

#	ARTICLE	IF	CITATIONS
19	Exponentially Many Nowhere-Zero $\hat{\alpha}$ ,3-, $\hat{\alpha}$ ,4-, and $\hat{\alpha}$ ,6-Flows. <i>Combinatorica</i> , 2019, 39, 1237-1253.	1.2	2
20	Graph homomorphisms via vector colorings. <i>European Journal of Combinatorics</i> , 2019, 79, 244-261.	0.8	2
21	Vector coloring the categorical product of graphs. <i>Mathematical Programming</i> , 2020, 182, 275-314.	2.4	2
22	Random 2-cell embeddings of multistars. <i>Proceedings of the American Mathematical Society</i> , 2022, 150, 3699-3713.	0.8	2
23	Induced trees in triangle-free graphs. <i>Electronic Notes in Discrete Mathematics</i> , 2007, 29, 307-313.	0.4	1
24	An Eberhard-Like Theorem for Pentagons and Heptagons. <i>Discrete and Computational Geometry</i> , 2010, 44, 931-945.	0.6	1
25	High-girth cubic graphs are homomorphic to the Clebsch graph. <i>Journal of Graph Theory</i> , 2011, 66, 241-259.	0.9	1
26	Cycle-Continuous Mappings-Order Structure. <i>Journal of Graph Theory</i> , 2017, 85, 56-73.	0.9	1
27	The limit checker number of a graph. <i>Discrete Mathematics</i> , 2001, 235, 343-347.	0.7	0
28	Flow-continuous mappings-The influence of the group. <i>European Journal of Combinatorics</i> , 2014, 36, 342-347.	0.8	0
29	Drawing a disconnected graph on the torus (Extended abstract). <i>Electronic Notes in Discrete Mathematics</i> , 2015, 49, 779-786.	0.4	0
30	Homomorphisms of Cayley graphs and Cycle Double Covers. <i>Electronic Notes in Discrete Mathematics</i> , 2017, 61, 639-645.	0.4	0
31	A new proof of Seymour's 6-flow theorem. <i>Journal of Combinatorial Theory Series B</i> , 2017, 122, 187-195.	1.0	0
32	3-Flows with large support. <i>Journal of Combinatorial Theory Series B</i> , 2020, 144, 32-80.	1.0	0
33	A Note on Counting Flows in Signed Graphs. <i>Electronic Journal of Combinatorics</i> , 2019, 26, .	0.4	0