

Tom Å; Kaiser

List of Publications by Year in descending order

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papers

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759233

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752698

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69
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docs citations

69
times ranked

294
citing authors

#	ARTICLE	IF	CITATIONS
1	Transversals of d -Intervals. <i>Discrete and Computational Geometry</i> , 1997, 18, 195-203.	0.6	63
2	Hamilton cycles in 5-connected line graphs. <i>European Journal of Combinatorics</i> , 2012, 33, 924-947.	0.8	32
3	On Growth Rates of Closed Permutation Classes. <i>Electronic Journal of Combinatorics</i> , 2002, 9, .	0.4	31
4	Replication in critical graphs and the persistence of monomial ideals. <i>Journal of Combinatorial Theory - Series A</i> , 2014, 123, 239-251.	0.8	29
5	The Prism Over the Middle-levels Graph is Hamiltonian. <i>Order</i> , 2005, 22, 73-81.	0.5	21
6	A revival of the girth conjecture. <i>Journal of Combinatorial Theory Series B</i> , 2004, 92, 41-53.	1.0	20
7	Neighborhood unions and extremal spanning trees. <i>Discrete Mathematics</i> , 2008, 308, 2343-2350.	0.7	20
8	Cycles Intersecting Edge-Cuts of Prescribed Sizes. <i>SIAM Journal on Discrete Mathematics</i> , 2008, 22, 861-874.	0.8	20
9	Linear-Time Algorithms for Scattering Number and Hamiltonian-Connectivity of Interval Graphs. <i>Journal of Graph Theory</i> , 2015, 79, 282-299.	0.9	20
10	Short Cycle Covers of Graphs with Minimum Degree Three. <i>SIAM Journal on Discrete Mathematics</i> , 2010, 24, 330-355.	0.8	17
11	Hamilton cycles in prisms. <i>Journal of Graph Theory</i> , 2007, 56, 249-269.	0.9	16
12	Hamiltonian decompositions of prisms over cubic graphs. <i>Discrete Mathematics</i> , 2004, 286, 45-56.	0.7	14
13	Treelike Snarks. <i>Electronic Journal of Combinatorics</i> , 2016, 23, .	0.4	13
14	Contractible subgraphs, Thomassen's conjecture and the dominating cycle conjecture for snarks. <i>Discrete Mathematics</i> , 2008, 308, 6064-6077.	0.7	12
15	Perfect matchings with restricted intersection in cubic graphs. <i>European Journal of Combinatorics</i> , 2010, 31, 1307-1315.	0.8	12
16	The rainbow connection number of 2-connected graphs. <i>Discrete Mathematics</i> , 2013, 313, 1884-1892.	0.7	12
17	Tough spiders. <i>Journal of Graph Theory</i> , 2007, 56, 23-40.	0.9	11
18	The circular chromatic index of graphs of high girth. <i>Journal of Combinatorial Theory Series B</i> , 2007, 97, 1-13.	1.0	11

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19	10-tough chordal graphs are Hamiltonian. <i>Journal of Combinatorial Theory Series B</i> , 2017, 122, 417-427.	1.0	11
20	Line Transversals to Unit Disks. <i>Discrete and Computational Geometry</i> , 2002, 28, 379-387.	0.6	10
21	Limits of Near-Coloring of Sparse Graphs. <i>Journal of Graph Theory</i> , 2014, 75, 191-202.	0.9	10
22	The Distance-t Chromatic Index of Graphs. <i>Combinatorics Probability and Computing</i> , 2014, 23, 90-101.	1.3	10
23	A short proof of the tree-packing theorem. <i>Discrete Mathematics</i> , 2012, 312, 1689-1691.	0.7	9
24	Decomposing planar cubic graphs. <i>Journal of Graph Theory</i> , 2018, 88, 631-640.	0.9	9
25	On 1-Hamilton-connected claw-free graphs. <i>Discrete Mathematics</i> , 2014, 321, 1-11.	0.7	8
26	Nowhere-Zero Flows in Signed Series-Parallel Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 2016, 30, 1248-1258.	0.8	8
27	Intersection Properties of Families of Convex (n,d)-Bodies. <i>Discrete and Computational Geometry</i> , 1999, 21, 275-287.	0.6	7
28	Hourglasses and Hamilton cycles in 4-connected claw-free graphs. <i>Journal of Graph Theory</i> , 2005, 48, 267-276.	0.9	7
29	Disjoint Hamilton cycles in the star graph. <i>Information Processing Letters</i> , 2009, 110, 30-35.	0.6	7
30	Star subdivisions and connected even factors in the square of a graph. <i>Discrete Mathematics</i> , 2012, 312, 2574-2578.	0.7	7
31	Colouring quadrangulations of projective spaces. <i>Journal of Combinatorial Theory Series B</i> , 2015, 113, 1-17.	1.0	7
32	10-Gabriel graphs are Hamiltonian. <i>Information Processing Letters</i> , 2015, 115, 877-881.	0.6	7
33	Weak regularity and finitely forcible graph limits. <i>Transactions of the American Mathematical Society</i> , 2018, 370, 3833-3864.	0.9	7
34	Planar graph colorings without short monochromatic cycles. <i>Journal of Graph Theory</i> , 2004, 46, 25-38.	0.9	6
35	Unions of perfect matchings in cubic graphs. <i>Electronic Notes in Discrete Mathematics</i> , 2005, 22, 341-345.	0.4	6
36	On the Pancyclicity of Lexicographic Products. <i>Graphs and Combinatorics</i> , 2006, 22, 51-58.	0.4	6

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37	Graphs with Odd Cycle Lengths 5 and 7 are 3-Colorable. <i>SIAM Journal on Discrete Mathematics</i> , 2011, 25, 1069-1088.	0.8	6
38	Edge-critical subgraphs of Schrijver graphs. <i>Journal of Combinatorial Theory Series B</i> , 2020, 144, 191-196.	1.0	6
39	Shorter signed circuit covers of graphs. <i>Journal of Graph Theory</i> , 2019, 92, 39-56.	0.9	5
40	Non-intersecting perfect matchings in cubic graphs (Extended abstract). <i>Electronic Notes in Discrete Mathematics</i> , 2007, 28, 293-299.	0.4	4
41	Equipartite graphs. <i>Israel Journal of Mathematics</i> , 2008, 168, 431-444.	0.8	4
42	On the 2-Resonance of Fullerenes. <i>SIAM Journal on Discrete Mathematics</i> , 2011, 25, 1737-1745.	0.8	4
43	Fractional covers and matchings in families of weighted d-intervals. <i>Combinatorica</i> , 2017, 37, 555-572.	1.2	4
44	Minors of simplicial complexes. <i>Discrete Applied Mathematics</i> , 2009, 157, 2597-2602.	0.9	3
45	The fractional chromatic number of triangle-free subcubic graphs. <i>European Journal of Combinatorics</i> , 2014, 35, 184-220.	0.8	3
46	First order limits of sparse graphs: Plane trees and path-width. <i>Random Structures and Algorithms</i> , 2017, 50, 612-635.	1.1	3
47	Planar graphs have two-coloring number at most 8. <i>Journal of Combinatorial Theory Series B</i> , 2018, 130, 144-157.	1.0	3
48	Disjoint T-paths in tough graphs. <i>Journal of Graph Theory</i> , 2008, 59, 1-10.	0.9	2
49	A note on antisymmetric flows in graphs. <i>European Journal of Combinatorics</i> , 2010, 31, 320-324.	0.8	2
50	Covering a Graph by Forests and a Matching. <i>SIAM Journal on Discrete Mathematics</i> , 2011, 25, 1804-1811.	0.8	2
51	Fractional total colourings of graphs of high girth. <i>Journal of Combinatorial Theory Series B</i> , 2011, 101, 383-402.	1.0	2
52	A Dirac theorem for trestles. <i>Discrete Mathematics</i> , 2012, 312, 2000-2004.	0.7	2
53	The Hamiltonicity of essentially 9-connected line graphs. <i>Journal of Graph Theory</i> , 2021, 97, 241-259.	0.9	2
54	Edge-critical subgraphs of Schrijver graphs II: The general case. <i>Journal of Combinatorial Theory Series B</i> , 2021, , .	1.0	2

#	ARTICLE	IF	CITATIONS
55	Eulerian colorings and the bipartizing matchings conjecture of Fleischner. <i>European Journal of Combinatorics</i> , 2006, 27, 1088-1101.	0.8	1
56	A note on interconnecting matchings in graphs. <i>Discrete Mathematics</i> , 2006, 306, 2245-2250.	0.7	1
57	T-joins intersecting small edge-cuts in graphs. <i>Journal of Graph Theory</i> , 2007, 56, 64-71.	0.9	1
58	A Note on k -walks in Bridgeless Graphs. <i>Graphs and Combinatorics</i> , 2007, 23, 303-308.	0.4	1
59	Contractible Subgraphs, Thomassen's Conjecture and the Dominating Cycle Conjecture for Snarks. <i>Electronic Notes in Discrete Mathematics</i> , 2007, 28, 55-59.	0.4	0
60	Short Disjoint Paths in Locally Connected Graphs. <i>Graphs and Combinatorics</i> , 2007, 23, 509-519.	0.4	0
61	Hamilton cycles in 6-connected claw-free graphs (Extended abstract). <i>Electronic Notes in Discrete Mathematics</i> , 2009, 34, 319-322.	0.4	0
62	Equipartite polytopes. <i>Israel Journal of Mathematics</i> , 2010, 179, 235-252.	0.8	0
63	Weak regularity and finitely forcible graph limits. <i>Electronic Notes in Discrete Mathematics</i> , 2015, 49, 139-143.	0.4	0
64	10-tough chordal graphs are hamiltonian (Extended Abstract). <i>Electronic Notes in Discrete Mathematics</i> , 2015, 49, 331-336.	0.4	0
65	On a Rado Type Problem for Homogeneous Second Order Linear Recurrences. <i>Electronic Journal of Combinatorics</i> , 2010, 17, .	0.4	0
66	Linear-Time Algorithms for Scattering Number and Hamilton-Connectivity of Interval Graphs. <i>Lecture Notes in Computer Science</i> , 2013, , 127-138.	1.3	0
67	Multiple Petersen Subdivisions in Permutation Graphs. <i>Electronic Journal of Combinatorics</i> , 2013, 20, .	0.4	0
68	Hamilton cycles in line graphs of 3-hypergraphs. <i>Discrete Mathematics</i> , 2022, 345, 113028.	0.7	0