Tomáš Kaiser

List of Publications by Year
in descending order

68 papers	579 citations	12 h-index	20 g-index
69 all docs	69 docs citations	69 times ranked	294 citing authors

759233

752698

#	Article	IF	Citations
1	Hamilton cycles in line graphs of 3-hypergraphs. Discrete Mathematics, 2022, 345, 113028.	0.7	0
2	The Hamiltonicity of essentially 9‑connected line graphs. Journal of Graph Theory, 2021, 97, 241-259.	0.9	2
3	Edge-critical subgraphs of Schrijver graphs II: The general case. Journal of Combinatorial Theory Series B, 2021, , .	1.0	2
4	Edge-critical subgraphs of Schrijver graphs. Journal of Combinatorial Theory Series B, 2020, 144, 191-196.	1.0	6
5	Shorter signed circuit covers of graphs. Journal of Graph Theory, 2019, 92, 39-56.	0.9	5
6	Planar graphs have two-coloring number at most 8. Journal of Combinatorial Theory Series B, 2018, 130, 144-157.	1.0	3
7	Decomposing planar cubic graphs. Journal of Graph Theory, 2018, 88, 631-640.	0.9	9
8	Weak regularity and finitely forcible graph limits. Transactions of the American Mathematical Society, 2018, 370, 3833-3864.	0.9	7
9	First order limits of sparse graphs: Plane trees and path-width. Random Structures and Algorithms, 2017, 50, 612-635.	1.1	3
10	Fractional covers and matchings in families of weighted d-intervals. Combinatorica, 2017, 37, 555-572.	1.2	4
11	10-tough chordal graphs are Hamiltonian. Journal of Combinatorial Theory Series B, 2017, 122, 417-427.	1.0	11
12	Nowhere-Zero Flows in Signed Series-Parallel Graphs. SIAM Journal on Discrete Mathematics, 2016, 30, 1248-1258.	0.8	8
13	Treelike Snarks. Electronic Journal of Combinatorics, 2016, 23, .	0.4	13
14	Linear‑Time Algorithms for Scattering Number and Hamilton‑Connectivity of Interval Graphs. Journal of Graph Theory, 2015, 79, 282-299.	0.9	20
15	Colouring quadrangulations of projective spaces. Journal of Combinatorial Theory Series B, 2015, 113, 1-17.	1.0	7
16	10-Gabriel graphs are Hamiltonian. Information Processing Letters, 2015, 115, 877-881.	0.6	7
17	Weak regularity and finitely forcible graph limits. Electronic Notes in Discrete Mathematics, 2015, 49, 139-143.	0.4	0
18	10-tough chordal graphs are hamiltonian (Extended Abstract). Electronic Notes in Discrete Mathematics, 2015, 49, 331-336.	0.4	0

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19	Limits of Near-Coloring of Sparse Graphs. Journal of Graph Theory, 2014, 75, 191-202.	0.9	10
20	The fractional chromatic number of triangle-free subcubic graphs. European Journal of Combinatorics, 2014, 35, 184-220.	0.8	3
21	The Distance-t Chromatic Index of Graphs. Combinatorics Probability and Computing, 2014, 23, 90-101.	1.3	10
22	On 1-Hamilton-connected claw-free graphs. Discrete Mathematics, 2014, 321, 1-11.	0.7	8
23	Replication in critical graphs and the persistence of monomial ideals. Journal of Combinatorial Theory - Series A, 2014, 123, 239-251.	0.8	29
24	The rainbow connection number of 2-connected graphs. Discrete Mathematics, 2013, 313, 1884-1892.	0.7	12
25	Linear-Time Algorithms for Scattering Number and Hamilton-Connectivity of Interval Graphs. Lecture Notes in Computer Science, 2013, , 127-138.	1.3	0
26	Multiple Petersen Subdivisions in Permutation Graphs. Electronic Journal of Combinatorics, 2013, 20, .	0.4	0
27	Star subdivisions and connected even factors in the square of a graph. Discrete Mathematics, 2012, 312, 2574-2578.	0.7	7
28	A short proof of the tree-packing theorem. Discrete Mathematics, 2012, 312, 1689-1691.	0.7	9
29	A Dirac theorem for trestles. Discrete Mathematics, 2012, 312, 2000-2004.	0.7	2
30	Hamilton cycles in 5-connected line graphs. European Journal of Combinatorics, 2012, 33, 924-947.	0.8	32
31	Graphs with Odd Cycle Lengths 5 and 7 are 3-Colorable. SIAM Journal on Discrete Mathematics, 2011, 25, 1069-1088.	0.8	6
32	On the 2-Resonance of Fullerenes. SIAM Journal on Discrete Mathematics, 2011, 25, 1737-1745.	0.8	4
33	Covering a Graph by Forests and a Matching. SIAM Journal on Discrete Mathematics, 2011, 25, 1804-1811.	0.8	2
34	Fractional total colourings of graphs of high girth. Journal of Combinatorial Theory Series B, 2011, 101, 383-402.	1.0	2
35	Equipartite polytopes. Israel Journal of Mathematics, 2010, 179, 235-252.	0.8	0
36	A note on antisymmetric flows in graphs. European Journal of Combinatorics, 2010, 31, 320-324.	0.8	2

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37	Perfect matchings with restricted intersection in cubic graphs. European Journal of Combinatorics, 2010, 31, 1307-1315.	0.8	12
38	Short Cycle Covers of Graphs with Minimum Degree Three. SIAM Journal on Discrete Mathematics, 2010, 24, 330-355.	0.8	17
39	On a Rado Type Problem for Homogeneous Second Order Linear Recurrences. Electronic Journal of Combinatorics, 2010, 17, .	0.4	0
40	Disjoint Hamilton cycles in the star graph. Information Processing Letters, 2009, 110, 30-35.	0.6	7
41	Minors of simplicial complexes. Discrete Applied Mathematics, 2009, 157, 2597-2602.	0.9	3
42	Hamilton cycles in 6-connected claw-free graphs (Extended abstract). Electronic Notes in Discrete Mathematics, 2009, 34, 319-322.	0.4	0
43	Neighborhood unions and extremal spanning trees. Discrete Mathematics, 2008, 308, 2343-2350.	0.7	20
44	Contractible subgraphs, Thomassenâ€™s conjecture and the dominating cycle conjecture for snarks. Discrete Mathematics, 2008, 308, 6064-6077.	0.7	12
45	Equipartite graphs. Israel Journal of Mathematics, 2008, 168, 431-444.	0.8	4
46	DisjointT-paths in tough graphs. Journal of Graph Theory, 2008, 59, 1-10.	0.9	2
47	Cycles Intersecting Edge-Cuts of Prescribed Sizes. SIAM Journal on Discrete Mathematics, 2008, 22, 861-874.	0.8	20
48	Tough spiders. Journal of Graph Theory, 2007, 56, 23-40.	0.9	11
49	T-joins intersecting small edge-cuts in graphs. Journal of Graph Theory, 2007, 56, 64-71.	0.9	1
50	Hamilton cycles in prisms. Journal of Graph Theory, 2007, 56, 249-269.	0.9	16
51	Contractible Subgraphs, Thomassen's Conjecture and the Dominating Cycle Conjecture for Snarks. Electronic Notes in Discrete Mathematics, 2007, 28, 55-59.	0.4	0
52	Non-intersecting perfect matchings in cubic graphs (Extended abstract). Electronic Notes in Discrete Mathematics, 2007, 28, 293-299.	0.4	4
53	A Note on k-walks in Bridgeless Graphs. Graphs and Combinatorics, 2007, 23, 303-308.	0.4	1
54	Short Disjoint Paths in Locally Connected Graphs. Graphs and Combinatorics, 2007, 23, 509-519.	0.4	0

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55	The circular chromatic index of graphs of high girth. Journal of Combinatorial Theory Series B, 2007, 97, 1-13.	1.0	11
56	Eulerian colorings and the bipartizing matchings conjecture of Fleischner. European Journal of Combinatorics, 2006, 27, 1088-1101.	0.8	1
57	On the Pancyclicity of Lexicographic Products. Graphs and Combinatorics, 2006, 22, 51-58.	0.4	6
58	A note on interconnecting matchings in graphs. Discrete Mathematics, 2006, 306, 2245-2250.	0.7	1
59	Unions of perfect matchings in cubic graphs. Electronic Notes in Discrete Mathematics, 2005, 22, 341-345.	0.4	6
60	Hourglasses and Hamilton cycles in 4-connected claw-free graphs. Journal of Graph Theory, 2005, 48, 267-276.	0.9	7
61	The Prism Over the Middle-levels Graph is Hamiltonian. Order, 2005, 22, 73-81.	0.5	21
62	Planar graph colorings without short monochromatic cycles. Journal of Graph Theory, 2004, 46, 25-38.	0.9	6
63	A revival of the girth conjecture. Journal of Combinatorial Theory Series B, 2004, 92, 41-53.	1.0	20
64	Hamiltonian decompositions of prisms over cubic graphs. Discrete Mathematics, 2004, 286, 45-56.	0.7	14
65	Line Transversals to Unit Disks. Discrete and Computational Geometry, 2002, 28, 379-387.	0.6	10
66	On Growth Rates of Closed Permutation Classes. Electronic Journal of Combinatorics, 2002, 9, .	0.4	31
67	Intersection Properties of Families of Convex (n,d)-Bodies. Discrete and Computational Geometry, 1999, 21, 275-287.	0.6	7
68	Transversals of d-Intervals. Discrete and Computational Geometry, 1997, 18, 195-203.	0.6	63