

Gexin Yu

List of Publications by Year in descending order

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papers

784
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567144

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642610

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78
all docs

78
docs citations

78
times ranked

258
citing authors

#	ARTICLE	IF	CITATIONS
1	Ore-condition and $\langle \mathbb{Z} \rangle$. European Journal of Combinatorics, 2008, 29, 1587-1595.	0.5	40
2	On Sufficient Degree Conditions for a Graph to be k -linked. Combinatorics Probability and Computing, 2006, 15, 685.	0.8	39
3	Channel-Hopping-Based Communication Rendezvous in Cognitive Radio Networks. IEEE/ACM Transactions on Networking, 2014, 22, 889-902.	2.6	39
4	Nowhere-zero $\langle \mathbb{Z} \rangle$. Discrete Mathematics, 2010, 310, 2965-2973.	0.4	37
5	Injective colorings of sparse graphs. Discrete Mathematics, 2010, 310, 2965-2973.	0.4	28
6	Injective Colorings of Graphs with Low Average Degree. Algorithmica, 2011, 60, 553-568.	1.0	27
7	An extremal problem for H -linked graphs. Journal of Graph Theory, 2005, 50, 321-339.	0.5	24
8	DP-3-coloring of some planar graphs. Discrete Mathematics, 2019, 342, 178-189.	0.4	23
9	Hamiltonian connectedness in 3-connected line graphs. Discrete Applied Mathematics, 2009, 157, 982-990.	0.5	22
10	Planar graphs without cycles of length 4 or 5 are $\langle \mathbb{Z} \rangle$. Discrete Mathematics, 2013, 313, 2312-2317.	0.4	22
11	Strong Chromatic Index of Graphs With Maximum Degree Four. Electronic Journal of Combinatorics, 2018, 25, .	0.2	22
12	On Minimum Degree Implying That a Graph is H -linked. SIAM Journal on Discrete Mathematics, 2006, 20, 829-840.	0.4	20
13	Strong chromatic index of subcubic planar multigraphs. European Journal of Combinatorics, 2016, 51, 380-397.	0.5	20
14	Decomposing a planar graph with girth 9 into a forest and a matching. European Journal of Combinatorics, 2008, 29, 1235-1241.	0.5	19
15	A Relaxation of Steinberg's Conjecture. SIAM Journal on Discrete Mathematics, 2013, 27, 584-596.	0.4	16
16	DP-4-colorability of planar graphs without adjacent cycles of given length. Discrete Applied Mathematics, 2020, 277, 245-251.	0.5	16
17	DP-3-Coloring of Planar Graphs Without \hat{A}_9 -Cycles and Cycles of Two Lengths from $\{6, 7, 8\}$. Graphs and Combinatorics, 2019, 35, 695-705.	0.2	15
18	Every planar graph without 4-cycles adjacent to two triangles is DP-4-colorable. Discrete Mathematics, 2019, 342, 623-627.	0.4	15

#	ARTICLE	IF	CITATIONS
37	Strong edge-colorings for k -degenerate graphs. <i>Graphs and Combinatorics</i> , 2015, 31, 1815-1818.	0.2	8
38	On strong edge-coloring of graphs with maximum degree 4. <i>Discrete Applied Mathematics</i> , 2018, 235, 142-153.	0.5	8
39	Every planar graph without adjacent cycles of length at most 8 is 3-choosable. <i>European Journal of Combinatorics</i> , 2019, 82, 102995.	0.5	8
40	Graphs Containing Every 2-Factor. <i>Graphs and Combinatorics</i> , 2012, 28, 687-716.	0.2	7
41	Linkage for the diamond and the path with four vertices. <i>Journal of Graph Theory</i> , 2012, 70, 241-261.	0.5	7
42	Covering 2-connected 3-regular graphs with disjoint paths. <i>Journal of Graph Theory</i> , 2018, 88, 385-401.	0.5	7
43	Strong list-chromatic index of subcubic graphs. <i>Discrete Mathematics</i> , 2018, 341, 3434-3440.	0.4	7
44	Maximum average degree and relaxed coloring. <i>Discrete Mathematics</i> , 2017, 340, 2528-2530.	0.4	6
45	A relaxation of the strong Bordeaux Conjecture. <i>Journal of Graph Theory</i> , 2018, 88, 237-254.	0.5	6
46	Recent progress on strong edge-coloring of graphs. <i>Discrete Mathematics, Algorithms and Applications</i> , 2019, 11, 1950062.	0.4	6
47	Planar graphs without 7-cycles and butterflies are DP-4-colorable. <i>Discrete Mathematics</i> , 2020, 343, 111714.	0.4	6
48	Packing $\langle \mathbb{Z}_2 \rangle$ of some subcubic graphs. <i>Discrete Applied Mathematics</i> , 2020, 283, 626-630.	0.4	6
49	An Ore-type analogue of the Sauer-Spencer Theorem. <i>Graphs and Combinatorics</i> , 2007, 23, 419-424.	0.2	5
50	An inequality for the group chromatic number of a graph. <i>Discrete Mathematics</i> , 2007, 307, 3076-3080.	0.4	5
51	Linear colorings of subcubic graphs. <i>European Journal of Combinatorics</i> , 2013, 34, 1040-1050.	0.5	5
52	Connectivities for k -knitted graphs and for minimal counterexamples to Hadwiger's Conjecture. <i>Journal of Combinatorial Theory Series B</i> , 2013, 103, 320-326.	0.6	5
53	The strong edge-coloring for graphs with small edge weight. <i>Discrete Mathematics</i> , 2020, 343, 111779.	0.4	5
54	Implications among linkage properties in graphs. <i>Journal of Graph Theory</i> , 2009, 60, 327-337.	0.5	4

#	ARTICLE	IF	CITATIONS
73	Every planar graph without 3-cycles adjacent to 4-cycles and without 6-cycles is $(1, \hat{1}, \hat{0})$ -colorable. Journal of Combinatorial Optimization, 2017, 33, 1354-1364.	0.8	0
74	An integer linear program for mixed-weight open locating-dominating sets. , 2018, , .		0
75	Planar graphs without 4-cycles and intersecting triangles are $(1, 1, 0)$ -colorable. Discrete Applied Mathematics, 2021, 304, 236-247.	0.5	0
76	Sufficient Conditions for 2-Dimensional Global Rigidity. SIAM Journal on Discrete Mathematics, 2021, 35, 2520-2534.	0.4	0
77	Partition graphs of independence number 2 into two subgraphs with large chromatic numbers. Discrete Mathematics, 2022, 345, 112781.	0.4	0
78	A sufficient condition for a planar graph to be χ -chromatic. Discrete Applied Mathematics, 2022, 318, 61-68.	0.5	0