

Daniel W Cranston

List of Publications by Year in descending order

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51
papers

504
citations

759233

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713466

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all docs

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docs citations

51
times ranked

221
citing authors

#	ARTICLE	IF	CITATIONS
1	Regular bipartite graphs are antimagic. <i>Journal of Graph Theory</i> , 2009, 60, 173-182.	0.9	53
2	Strong edge-coloring of graphs with maximum degree 4 using 22 colors. <i>Discrete Mathematics</i> , 2006, 306, 2772-2778.	0.7	48
3	An introduction to the discharging method via graph coloring. <i>Discrete Mathematics</i> , 2017, 340, 766-793.	0.7	38
4	Regular Graphs of Odd Degree Are Antimagic. <i>Journal of Graph Theory</i> , 2015, 80, 28-33.	0.9	37
5	List-coloring the square of a subcubic graph. <i>Journal of Graph Theory</i> , 2008, 57, 65-87.	0.9	32
6	Injective colorings of sparse graphs. <i>Discrete Mathematics</i> , 2010, 310, 2965-2973.	0.7	28
7	Pebbling and optimal pebbling in graphs. <i>Journal of Graph Theory</i> , 2008, 57, 215-238.	0.9	27
8	Injective Colorings of Graphs with Low Average Degree. <i>Algorithmica</i> , 2011, 60, 553-568.	1.3	27
9	Star coloring of sparse graphs. <i>Journal of Graph Theory</i> , 2009, 62, 201-219.	0.9	20
10	Brooks' Theorem and Beyond. <i>Journal of Graph Theory</i> , 2015, 80, 199-225.	0.9	16
11	Planar graphs of girth at least five are square $(\hat{\Gamma}^{\hat{\alpha}^- + \hat{\alpha}^- 2}$ -choosable. <i>Journal of Combinatorial Theory Series B</i> , 2019, 134, 218-238.	1.0	15
12	Coloring Claw-Free Graphs with $\Delta-1$ Colors. <i>SIAM Journal on Discrete Mathematics</i> , 2013, 27, 534-549.	0.8	12
13	Game matching number of graphs. <i>Discrete Applied Mathematics</i> , 2013, 161, 1828-1836.	0.9	11
14	Short proofs for cut-and-paste sorting of permutations. <i>Discrete Mathematics</i> , 2007, 307, 2866-2870.	0.7	10
15	On the boundedness of positive solutions of the reciprocal max-type difference equation $\frac{x_{n+1}}{x_n} = \max\left\{\frac{2.2}{10}, \frac{A}{x_n}\right\}$. <i>Applied Mathematics and Computation</i> , 2013, 221, 144-151.		
16	Linear choosability of sparse graphs. <i>Discrete Mathematics</i> , 2011, 311, 1910-1917.	0.7	9
17	Graphs with $\chi = \Delta$ Have Big Cliques. <i>SIAM Journal on Discrete Mathematics</i> , 2015, 29, 1792-1814.	0.8	8
18	Coloring a graph with $\hat{\Gamma}^{\hat{\alpha}^* 1}$ colors: Conjectures equivalent to the Borodin-Kostochka conjecture that appear weaker. <i>European Journal of Combinatorics</i> , 2015, 44, 23-42.	0.8	7

#	ARTICLE	IF	CITATIONS
37	Overlap number of graphs. <i>Journal of Graph Theory</i> , 2012, 70, 10-28.	0.9	2
38	List-Coloring Claw-Free Graphs with $\Delta-1$ Colors. <i>SIAM Journal on Discrete Mathematics</i> , 2017, 31, 726-748.	0.8	2
39	The Hilton-Zhao Conjecture is True for Graphs with Maximum Degree 4. <i>SIAM Journal on Discrete Mathematics</i> , 2019, 33, 1228-1241.	0.8	2
40	List-recoloring of sparse graphs. <i>European Journal of Combinatorics</i> , 2022, 105, 103562.	0.8	2
41	Classes of 3-Regular Graphs That Are $(7, 2)$ -Edge-Choosable. <i>SIAM Journal on Discrete Mathematics</i> , 2009, 23, 872-881.	0.8	1
42	List Colorings of K_5 -Minor-Free Graphs With Special List Assignments. <i>Journal of Graph Theory</i> , 2012, 71, 18-30.	0.9	1
43	Vertex Partitions into an Independent Set and a Forest with Each Component Small. <i>SIAM Journal on Discrete Mathematics</i> , 2021, 35, 1769-1791.	0.8	1
44	In most 6-regular toroidal graphs all 5-colorings are Kempe equivalent. <i>European Journal of Combinatorics</i> , 2022, 104, 103532.	0.8	1
45	Strong edge-coloring of cubic bipartite graphs: A counterexample. <i>Discrete Applied Mathematics</i> , 2022, 321, 258-260.	0.9	1
46	Nomadic decompositions of bidirected complete graphs. <i>Discrete Mathematics</i> , 2008, 308, 3982-3985.	0.7	0
47	Multigraphs with $\hat{\Delta} \geq 3$ are Totally- $(2\hat{\Delta}-1)$ -Choosable. <i>Graphs and Combinatorics</i> , 2009, 25, 35-40.	0.4	0
48	Short Fans and the $5/6$ Bound for Line Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 2017, 31, 2039-2063.	0.8	0
49	Edge Lower Bounds for List Critical Graphs, Via Discharging. <i>Combinatorica</i> , 2018, 38, 1045-1065.	1.2	0
50	A characterization of $(4,2)$ -choosable graphs. <i>Journal of Graph Theory</i> , 2019, 92, 460-487.	0.9	0
51	Degeneracy and Colorings of Squares of Planar Graphs without 4-Cycles. <i>Combinatorica</i> , 2020, 40, 625-653.	1.2	0