Jianfeng Hou

List of Publications by Year
in descending order

52 papers	448 citations	759233 12 h-index	839539 18 g-index
53 all docs	53 docs citations	53 times ranked	89 citing authors

#	Article	IF	Citations
1	The zero-error capacity of binary channels with 2-memories. Advances in Mathematics of Communications, 2024, 18, 179-191.	0.7	1
2	On (3,Âr)-Choosability of Some Planar Graphs. Bulletin of the Malaysian Mathematical Sciences Society, 2022, 45, 851-867.	0.9	0
3	Maximum bisections of graphs without cycles of length 4. Discrete Mathematics, 2022, 345, 112914.	0.7	0
4	On judicious bipartitions of directed graphs. Discrete Mathematics, 2022, 345, 112988.	0.7	2
5	Odd Induced Subgraphs in Planar Graphs with Large Girth. Graphs and Combinatorics, 2022, 38, .	0.4	0
6	Coloring Graphs Without Bichromatic Cycles or Paths. Bulletin of the Malaysian Mathematical Sciences Society, 2021, 44, 1905-1917.	0.9	2
7	On bisections of graphs without complete bipartite graphs. Journal of Graph Theory, 2021, 98, 630.	0.9	6
8	A bound on judicious bipartitions of directed graphs. Science China Mathematics, 2020, 63, 297-308.	1.7	5
9	Max-Bisections of H-free graphs. Discrete Mathematics, 2020, 343, 111590.	0.7	6
10	On bipartitions of directed graphs with small semidegree. European Journal of Combinatorics, 2020, 84, 103039.	0.8	5
11	Choosability with union separation of triangle-free planar graphs. Discrete Mathematics, 2020, 343, 112137.	0.7	4
12	The BollobÃ¡s--Scott Conjecture for 4-Uniform Hypergraphs. SIAM Journal on Discrete Mathematics, 2018, 32, 505-521.	0.8	4
13	Bipartitions of oriented graphs. Journal of Combinatorial Theory Series B, 2018, 132, 107-133.	1.0	9
14	Bisections of Graphs Without Short Cycles. Combinatorics Probability and Computing, 2018, 27, 44-59.	1.3	14
15	Partitioning dense uniform hypergraphs. Journal of Combinatorial Optimization, 2018, 35, 48-63.	1.3	1
16	On partitions of K_{2}, graphs under degree constraints. Discrete Mathematics, 2018, 341, 3288-3295.	0.7	7
17	Maximum cuts of graphs with forbidden cycles. Ars Mathematica Contemporanea, 2018, 15, 147-160.	0.6	11
18	Bounds for pairs in judicious partitioning of graphs. Random Structures and Algorithms, 2017, 50, 59-70.	1.1	16

#	Article	IF	Citations
19	Graphs of f-class 1. Discrete Applied Mathematics, 2017, 222, 197-204.	0.9	1
20	Judicious Partitioning of Hypergraphs with Edges of Size at Most 2. Combinatorics Probability and Computing, 2017, 26, 267-284.	1.3	9
21	BIPARTITE SUBGRAPHS OF -FREE GRAPHS. Bulletin of the Australian Mathematical Society, 2017, 96, 1-13.	0.5	9
22	On bisections of directed graphs. European Journal of Combinatorics, 2017, 63, 44-58.	0.8	10
23	On a Problem of Judicious$k$-Partitions of Graphs. Journal of Graph Theory, 2017, 85, 619-643.	0.9	5
24	Bounds for the number of meeting edges in graph partitioning. , 2017, 67, 741-752.		0
25	On judicious partitions of uniform hypergraphs. Journal of Combinatorial Theory - Series A, 2016, 141, 16-32.	0.8	13
26	Monochromatic Solutions for Multi-Term Unknowns. Graphs and Combinatorics, 2016, 32, 2275-2293.	0.4	0
27	Acyclic coloring of graphs without bichromatic long path. Frontiers of Mathematics in China, 2015, 10, 1343-1354.	0.7	5
28	On total colorings of 1-planar graphs. Journal of Combinatorial Optimization, 2015, 30, 160-173.	1.3	13
29	A bound for judicious k-partitions of graphs. Discrete Applied Mathematics, 2014, 179, 86-99.	0.9	14
30	Acyclic edge coloring of planar graphs with girth at least 5. Discrete Applied Mathematics, 2013, 161, 2958-2967.	0.9	4
31	An improved bound on acyclic chromatic index of planar graphs. Discrete Mathematics, 2013, 313, 1098-1103.	0.7	8
32	A BOUND ON THE BONDAGE NUMBER OF TOROIDAL GRAPHS. Discrete Mathematics, Algorithms and Applications, 2012, 04, 1250046.	0.6	3
33	Acyclic edge coloring of graphs with large girths. Science China Mathematics, 2012, 55, 2593-2600.	1.7	4
34	Acyclic Edge Coloring of Planar Graphs Without Small Cycles. Graphs and Combinatorics, 2012, 28, 215-226.	0.4	9
35	Improved bounds for acyclic chromatic index of planar graphs. Discrete Applied Mathematics, 2011, 159, 876-881.	0.9	6
36	Total coloring of planar graphs without 6-cycles. Discrete Applied Mathematics, 2011, 159, 157-163.	0.9	13

#	ARTICLE	IF	CITATIONS
37	Local condition for planar graphs of maximum degree 7 to be 8-totally colorable. Discrete Applied Mathematics, 2011, 159, 760-768.	0.9	17
38	Acyclic chromatic index of planar graphs with triangles. Information Processing Letters, 2011, 111, 836-840.	0.6	13
39	The method of coloring in graphs and its application. Journal of Systems Science and Complexity, 2010, 23, 951-960.	2.8	0
40	Total coloring of embedded graphs of maximum degree at least ten. Science China Mathematics, 2010, 53, 2127-2133.	1.7	3
41	On the total choosability of planar graphs and of sparse graphs. Information Processing Letters, 2010, 110, 849-853.	0.6	9
42	Edge colourings of embedded graphs without 4-cycles or chordal-4-cycles. International Journal of Computer Mathematics, 2010, 87, 2880-2886.	1.8	0
43	Acyclic edge coloring of planar graphs with large girth. Theoretical Computer Science, 2009, 410, 5196-5200.	0.9	19
44	Acyclic edge colorings of planar graphs and seriesparallel graphs. Science in China Series A: Mathematics, 2009, 52, 605-616.	0.5	40
45	Edge-choosability of planar graphs without adjacent triangles or without 7-cycles. Discrete Mathematics, 2009, 309, 77-84.	0.7	7
46	Total colorings and list total colorings of planar graphs without intersecting 4-cycles. Discrete Mathematics, 2009, 309, 6035-6043.	0.7	34
47	Total Colorings of Planar Graphs without Small Cycles. Graphs and Combinatorics, 2008, 24, 91-100.	0.4	27
48	List edge and list total colorings of planar graphs without short cycles. Information Processing Letters, 2008, 108, 347-351.	0.6	16
49	Binding number and Hamiltonian (g, f)-factors in graphs II. International Journal of Computer Mathematics, 2008, 85, 1325-1331.	1.8	1
50	Some results about f-critical graphs. Networks, 2007, 50, 197-202.	2.7	7
51	Some properties on f-edge covered critical graphs. Journal of Applied Mathematics and Computing, 2007, 24, 357-366.	2.5	1
52	List edge and list total colorings of planar graphs without 4-cycles. Theoretical Computer Science, 2006, 369, 250-255.	0.9	35