

# H A Kierstead

## List of Publications by Year in descending order

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52  
papers

1,082  
citations

471509

17  
h-index

414414

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all docs

53  
docs citations

53  
times ranked

386  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hamiltonian chains in hypergraphs. <i>Journal of Graph Theory</i> , 1999, 30, 205-212.	0.9	102
2	Planar graph coloring with an uncooperative partner. <i>Journal of Graph Theory</i> , 1994, 18, 569-584.	0.9	98
3	The Linearity of First-Fit Coloring of Interval Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 1988, 1, 526-530.	0.8	96
4	A Short Proof of the Hajnal–Szemerédi Theorem on Equitable Colouring. <i>Combinatorics Probability and Computing</i> , 2008, 17, 265-270.	1.3	72
5	Orderings on Graphs and Game Coloring Number. <i>Order</i> , 2003, 20, 255-264.	0.5	66
6	Radius two trees specify $\aleph$ -bounded classes. <i>Journal of Graph Theory</i> , 1994, 18, 119-129.	0.9	65
7	The Map-Coloring Game. <i>American Mathematical Monthly</i> , 2007, 114, 793-803.	0.3	61
8	Explicit matchings in the middle levels of the Boolean lattice. <i>Order</i> , 1988, 5, 163-171.	0.5	40
9	On-Line Coloring and Recursive Graph Theory. <i>SIAM Journal on Discrete Mathematics</i> , 1994, 7, 72-89.	0.8	38
10	Onk-ordered Hamiltonian graphs. <i>Journal of Graph Theory</i> , 1999, 32, 17-25.	0.9	32
11	Radius Three Trees in Graphs with Large Chromatic Number. <i>SIAM Journal on Discrete Mathematics</i> , 2004, 17, 571-581.	0.8	27
12	Very Asymmetric Marking Games. <i>Order</i> , 2005, 22, 93-107.	0.5	27
13	On-line Ramsey Theory. <i>Electronic Journal of Combinatorics</i> , 2004, 11, .	0.4	26
14	The dimension of random ordered sets. <i>Random Structures and Algorithms</i> , 1991, 2, 253-275.	1.1	22
15	Efficient Graph Packing via Game Colouring. <i>Combinatorics Probability and Computing</i> , 2009, 18, 765-774.	1.3	22
16	On-line coloringk-colorable graphs. <i>Israel Journal of Mathematics</i> , 1998, 105, 93-104.	0.8	20
17	Asymmetric graph coloring games. <i>Journal of Graph Theory</i> , 2005, 48, 169-185.	0.9	19
18	Every 4-colorable Graph With Maximum Degree 4 Has an Equitable 4-Coloring. <i>Journal of Graph Theory</i> , 2012, 71, 31-48.	0.9	18

#	ARTICLE	IF	CITATIONS
19	Explicit 2-Factorisations of the Odd Graph. <i>Order</i> , 2004, 21, 19-27.	0.5	17
20	Star coloring bipartite planar graphs. <i>Journal of Graph Theory</i> , 2009, 60, 1-10.	0.9	16
21	Coloring number and on-line Ramsey theory for graphs and hypergraphs. <i>Combinatorica</i> , 2009, 29, 49-64.	1.2	16
22	Competitive Colorings of Oriented Graphs. <i>Electronic Journal of Combinatorics</i> , 2001, 8, .	0.4	16
23	The dimension of suborders of the Boolean lattice. <i>Order</i> , 1994, 11, 127-134.	0.5	13
24	On coloring graphs with locally small chromatic number. <i>Combinatorica</i> , 1984, 4, 183-185.	1.2	12
25	Indiscernibles and decidable models. <i>Journal of Symbolic Logic</i> , 1983, 48, 21-32.	0.5	11
26	Extremal graph packing problems: Ore-type versus Dirac-type. , 0, , 113-136.		11
27	An Extension of the Hajnal–Szemerédi Theorem to Directed Graphs. <i>Combinatorics Probability and Computing</i> , 2015, 24, 754-773.	1.3	11
28	Degrees of indiscernibles in decidable models. <i>Transactions of the American Mathematical Society</i> , 1985, 289, 41-41.	0.9	10
29	The dimension of cycle-free orders. <i>Order</i> , 1992, 9, 103-110.	0.5	9
30	Partitioning a graph into two square-cycles. <i>Journal of Graph Theory</i> , 1996, 23, 241-256.	0.9	9
31	Spanning Trees of Bounded Degree. <i>Electronic Journal of Combinatorics</i> , 2001, 8, .	0.4	9
32	A refinement of a result of Corrádi and Hajnal. <i>Combinatorica</i> , 2015, 35, 497-512.	1.2	8
33	Equitable List Coloring of Graphs with Bounded Degree. <i>Journal of Graph Theory</i> , 2013, 74, 309-334.	0.9	7
34	On-line graph coloring. <i>DIMACS Series in Discrete Mathematics and Theoretical Computer Science</i> , 1992, , 85-92.	0.0	7
35	Super-Greedy Linear Extensions of Ordered Sets. <i>Annals of the New York Academy of Sciences</i> , 1989, 555, 262-271.	3.8	6
36	On the Order Dimension of 1-Sets versus $k$ -Sets. <i>Journal of Combinatorial Theory - Series A</i> , 1996, 73, 219-228.	0.8	6

#	ARTICLE	IF	CITATIONS
37	The number of depth-first searches of an ordered set. <i>Order</i> , 1989, 6, 295-303.	0.5	5
38	2-Factors of Bipartite Graphs with Asymmetric Minimum Degrees. <i>SIAM Journal on Discrete Mathematics</i> , 2010, 24, 486-504.	0.8	5
39	Computing the dimension of $N$ -free ordered sets is NP-complete. <i>Order</i> , 1989, 6, 133-135.	0.5	3
40	On-line coloring of perfect graphs. <i>Combinatorica</i> , 1996, 16, 479-491.	1.2	3
41	Classes of Graphs that Are Not Vertex Ramsey. <i>SIAM Journal on Discrete Mathematics</i> , 1997, 10, 373-380.	0.8	3
42	Sharpening an Ore-type version of the Corrádi-Hajnal theorem. <i>Abhandlungen Aus Dem Mathematischen Seminar Der Universitat Hamburg</i> , 2017, 87, 299-335.	0.2	3
43	An Easy Subexponential Bound for Online Chain Partitioning. <i>Electronic Journal of Combinatorics</i> , 2018, 25, .	0.4	3
44	Representing an ordered set as the intersection of super greedy linear extensions. <i>Order</i> , 1987, 4, 293-311.	0.5	2
45	Classes of graphs that exclude a tree and a clique and are not vertex ramsey. <i>Combinatorica</i> , 1996, 16, 493-504.	1.2	2
46	Strengthening Theorems of Dirac and Erdős on Disjoint Cycles. <i>Journal of Graph Theory</i> , 2017, 85, 788-802.	0.9	2
47	Extracting List Colorings from Large Independent Sets. <i>Journal of Graph Theory</i> , 2017, 86, 315-328.	0.9	2
48	Upper and lower bounds of Choice Number for successful channel assignment in cellular networks. , 2015, , .		1
49	Effective Versions of the Chain Decomposition Theorem. , 1990, , 36-38.		1
50	A Sharp Dirac-Erdős Type Bound for Large Graphs. <i>Combinatorics Probability and Computing</i> , 2018, 27, 387-397.	1.3	0
51	Random bipartite posets and extremal problems. <i>Acta Mathematica Hungarica</i> , 2020, 161, 618-646.	0.5	0
52	3-degenerate induced subgraph of a planar graph. <i>Journal of Graph Theory</i> , 2022, 99, 251.	0.9	0