

Dieter Kratsch

List of Publications by Year in descending order

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35
papers

2,113
citations

361413

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docs citations

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times ranked

996
citing authors

#	ARTICLE	IF	CITATIONS
1	Computing Optimal Steiner Trees in Polynomial Space. <i>Algorithmica</i> , 2013, 65, 584-604.	1.3	10
2	An exact algorithm for the Maximum Leaf Spanning Tree problem. <i>Theoretical Computer Science</i> , 2011, 412, 6290-6302.	0.9	25
3	Exact Exponential Algorithms. <i>Texts in Theoretical Computer Science</i> , 2010, , .	0.8	267
4	On a property of minimal triangulations. <i>Discrete Mathematics</i> , 2009, 309, 1724-1729.	0.7	1
5	An Exact Algorithm for the Maximum Leaf Spanning Tree Problem. <i>Lecture Notes in Computer Science</i> , 2009, , 161-172.	1.3	12
6	A measure & conquer approach for the analysis of exact algorithms. <i>Journal of the ACM</i> , 2009, 56, 1-32.	2.2	555
7	Solving Connected Dominating Set Faster than 2^n . <i>Algorithmica</i> , 2008, 52, 153-166.	1.3	61
8	Feedback vertex set on AT-free graphs. <i>Discrete Applied Mathematics</i> , 2008, 156, 1936-1947.	0.9	23
9	Improved bottleneck domination algorithms. <i>Discrete Applied Mathematics</i> , 2006, 154, 1578-1592.	0.9	1
10	Measure and conquer. , 2006, , .		51
11	Measure and Conquer: Domination – A Case Study. <i>Lecture Notes in Computer Science</i> , 2005, , 191-203.	1.3	82
12	Exact (Exponential) Algorithms for Treewidth and Minimum Fill-In. <i>Lecture Notes in Computer Science</i> , 2004, , 568-580.	1.3	42
13	Algorithms for graphs with small octopus. <i>Discrete Applied Mathematics</i> , 2004, 134, 105-128.	0.9	4
14	Exact (Exponential) Algorithms for the Dominating Set Problem. <i>Lecture Notes in Computer Science</i> , 2004, , 245-256.	1.3	72
15	Feedback Vertex Set and Longest Induced Path on AT-Free Graphs. <i>Lecture Notes in Computer Science</i> , 2003, , 309-321.	1.3	9
16	Dominating Pair Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 2002, 15, 353-366.	0.8	7
17	Kayles and Nimbers. <i>Journal of Algorithms</i> , 2002, 43, 106-119.	0.9	18
18	On claw-free asteroidal triple-free graphs. <i>Discrete Applied Mathematics</i> , 2002, 121, 155-180.	0.9	14

#	ARTICLE	IF	CITATIONS
19	Degree-preserving trees. <i>Networks</i> , 2000, 35, 26-39.	2.7	17
20	Domination and total domination on asteroidal triple-free graphs. <i>Discrete Applied Mathematics</i> , 2000, 99, 111-123.	0.9	36
21	On the vertex ranking problem for trapezoid, circular-arc and other graphs. <i>Discrete Applied Mathematics</i> , 1999, 98, 39-63.	0.9	31
22	Independent Sets in Asteroidal Triple-Free Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 1999, 12, 276-287.	0.8	67
23	Rankings of Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 1998, 11, 168-181.	0.8	100
24	A Generalization of AT-free Graphs and a Generic Algorithm for Solving Treewidth, Minimum Fill-In and Vertex Ranking. <i>Lecture Notes in Computer Science</i> , 1998, , 88-99.	1.3	4
25	Asteroidal sets in graphs. <i>Lecture Notes in Computer Science</i> , 1997, , 229-241.	1.3	17
26	Measuring the vulnerability for classes of intersection graphs. <i>Discrete Applied Mathematics</i> , 1997, 77, 259-270.	0.9	32
27	On treewidth and minimum fill-in of asteroidal triple-free graphs. <i>Theoretical Computer Science</i> , 1997, 175, 309-335.	0.9	74
28	Total domination and transformation. <i>Information Processing Letters</i> , 1997, 63, 167-170.	0.6	24
29	Treewidth and Pathwidth of Permutation Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 1995, 8, 606-616.	0.8	96
30	On cocolorings and cochromatic numbers of graphs. <i>Discrete Applied Mathematics</i> , 1994, 48, 111-127.	0.9	18
31	Domination on Cocomparability Graphs. <i>SIAM Journal on Discrete Mathematics</i> , 1993, 6, 400-417.	0.8	112
32	Finding Hamiltonian paths in cocomparability graphs using the bump number algorithm. <i>Order</i> , 1992, 8, 383-391.	0.5	38
33	Domination in convex and chordal bipartite graphs. <i>Information Processing Letters</i> , 1990, 36, 231-236.	0.6	89
34	On domination problems for permutation and other graphs. <i>Theoretical Computer Science</i> , 1987, 54, 181-198.	0.9	76
35	On the restriction of some NP-complete graph problems to permutation graphs. , 1985, , 53-62.		23