Dariusz Dereniowski

List of Publications by Year
in descending order

62	411	758635	839053
papers	citations	12 h-index	18 g-index

63	63	63	175
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fast collaborative graph exploration. Information and Computation, 2015, 243, 37-49.	0.5	52
2	Drawing maps with advice. Journal of Parallel and Distributed Computing, 2012, 72, 132-143.	2.7	40
3	Edge ranking and searching in partial orders. Discrete Applied Mathematics, 2008, 156, 2493-2500.	0.5	23
4	From Pathwidth to Connected Pathwidth. SIAM Journal on Discrete Mathematics, 2012, 26, 1709-1732.	0.4	22
5	Leader election for anonymous asynchronous agents in arbitrary networks. Distributed Computing, 2014, 27, 21-38.	0.7	20
6	Connected searching of weighted trees. Theoretical Computer Science, 2011, 412, 5700-5713.	0.5	18
7	Zero-visibility cops and robber and the pathwidth of a graph. Journal of Combinatorial Optimization, 2015, 29, 541-564.	0.8	16
8	Vertex rankings of chordal graphs and weighted trees. Information Processing Letters, 2006, 98, 96-100.	0.4	15
9	The complexity of zero-visibility cops and robber. Theoretical Computer Science, 2015, 607, 135-148.	0.5	15
10	Edge ranking of weighted trees. Discrete Applied Mathematics, 2006, 154, 1198-1209.	0.5	13
11	Collaborative Exploration of Trees by Energy-Constrained Mobile Robots. Theory of Computing Systems, 2018, 62, 1223-1240.	0.7	13
12	Collaborative Exploration by Energy-Constrained Mobile Robots. Lecture Notes in Computer Science, 2015, , 357-369.	1.0	13
13	Rendezvous of Distance-Aware Mobile Agents in Unknown Graphs. Lecture Notes in Computer Science, 2014, , 295-310.	1.0	10
14	An efficient algorithm for finding ideal schedules. Acta Informatica, 2012, 49, 1-14.	0.5	9
15	Three-fast-searchable graphs. Discrete Applied Mathematics, 2013, 161, 1950-1958.	0.5	9
16	Fast Collaborative Graph Exploration. Lecture Notes in Computer Science, 2013, , 520-532.	1.0	9
17	Approximate search strategies for weighted trees. Theoretical Computer Science, 2012, 463, 96-113.	0.5	8
18	Rendezvous of heterogeneous mobile agents in edge-weighted networks. Theoretical Computer Science, 2015, 608, 219-230.	0.5	7

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19	Bounds on the cover time of parallel rotor walks. Journal of Computer and System Sciences, 2016, 82, 802-816.	0.9	7
20	Shared multi-processor scheduling. European Journal of Operational Research, 2017, 261, 503-514.	3.5	7
21	Distributed Evacuation in Graphs with Multiple Exits. Lecture Notes in Computer Science, 2016, , 228-241.	1.0	7
22	Distributed graph searching with a sense of direction. Distributed Computing, 2015, 28, 155-170.	0.7	6
23	Building a Nest by an Automaton. Algorithmica, 2021, 83, 144-176.	1.0	6
24	Distinguishing views in symmetric networks: A tight lower bound. Theoretical Computer Science, 2015, 582, 27-34.	0.5	5
25	Cops, a fast robber and defensive domination on interval graphs. Theoretical Computer Science, 2019, 794, 47-58.	0.5	5
26	Maximum vertex occupation time and inert fugitive: Recontamination does help. Information Processing Letters, 2009, 109, 422-426.	0.4	4
27	The complexity of minimum-length path decompositions. Journal of Computer and System Sciences, 2015, 81, 1715-1747.	0.9	4
28	Shared processor scheduling of multiprocessor jobs. European Journal of Operational Research, 2020, 282, 464-477.	3.5	4
29	Collaborative Delivery by Energy-Sharing Low-Power Mobile Robots. Lecture Notes in Computer Science, 2017, , 1-12.	1.0	4
30	Makespan minimization of multi-slot just-in-time scheduling onÂsingle and parallel machines. Journal of Scheduling, 2010, 13, 479-492.	1.3	3
31	On minimum cost edge searching. Theoretical Computer Science, 2013, 495, 37-49.	0.5	3
32	Brushing with additional cleaning restrictions. Theoretical Computer Science, 2014, 557, 76-86.	0.5	3
33	Topology recognition and leader election in colored networks. Theoretical Computer Science, 2016, 621, 92-102.	0.5	3
34	Finding small-width connected path decompositions in polynomial time. Theoretical Computer Science, 2019, 794, 85-100.	0.5	3
35	An Efficient Noisy Binary Search in Graphs via Median Approximation. Lecture Notes in Computer Science, 2021, , 265-281.	1.0	3
36	Connected Searching of Weighted Trees. Lecture Notes in Computer Science, 2010, , 330-341.	1.0	3

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37	Normal-form preemption sequences for an open problem in scheduling theory. Journal of Scheduling, 2016, 19, 701-728.	1.3	2
38	Shared processor scheduling. Journal of Scheduling, 2018, 21, 583-593.	1.3	2
39	Drawing Maps with Advice. Lecture Notes in Computer Science, 2010, , 328-342.	1.0	2
40	Rendezvous of Heterogeneous Mobile Agents in Edge-Weighted Networks. Lecture Notes in Computer Science, 2014, , 311-326.	1.0	2
41	Collision-Free Network Exploration. Lecture Notes in Computer Science, 2014, , 342-354.	1.0	2
42	Easy and hard instances of arc ranking in directed graphs. Discrete Applied Mathematics, 2007, 155, 2601-2611.	0.5	1
43	Koala graph coloring library: An open graph coloring library for real-world applications. , 2008, , .		1
44	Optimal edgeâ€coloring with edge rate constraints. Networks, 2013, 62, 165-182.	1.6	1
45	The searchlight problem for road networks. Theoretical Computer Science, 2015, 591, 28-59.	0.5	1
46	Collision-free network exploration. Journal of Computer and System Sciences, 2017, 86, 70-81.	0.9	1
47	The Complexity of Zero-Visibility Cops and Robber. Lecture Notes in Computer Science, 2014, , 60-70.	1.0	1
48	Phutball is PSPACE-hard. Theoretical Computer Science, 2010, 411, 3971-3978.	0.5	0
49	The complexity of node blocking for dags. Journal of Combinatorial Theory - Series A, 2011, 118, 248-256.	0.5	0
50	Routing equal-size messages on a slotted ring. Journal of Scheduling, 2012, 15, 473-486.	1.3	0
51	The Snow Team Problem. Lecture Notes in Computer Science, 2017, , 190-203.	1.0	0
52	On-line Search in Two-Dimensional Environment. Theory of Computing Systems, 2019, 63, 1819-1848.	0.7	0
53	Clearing directed subgraphs by mobile agents. Journal of Computer and System Sciences, 2019, 102, 57-68.	0.9	0
54	On Tradeoffs Between Width- and Fill-like Graph Parameters. Theory of Computing Systems, 2019, 63, 450-465.	0.7	0

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55	Searching by heterogeneous agents. Journal of Computer and System Sciences, 2021, 115, 1-21.	0.9	0
56	The Complexity of Bicriteria Tree-Depth. Lecture Notes in Computer Science, 2021, , 100-113.	1.0	0
57	Gossiping by energy-constrained mobile agents in tree networks. Theoretical Computer Science, 2021, 861, 45-65.	0.5	0
58	On the Characteristic Graph of a Discrete Symmetric Channel. IEEE Transactions on Information Theory, 2021, 67, 3818-3823.	1.5	0
59	Parallel Query Processing and Edge Ranking of Graphs. Lecture Notes in Computer Science, 2006, , 463-469.	1.0	0
60	Minimum vertex ranking spanning tree problem for chordal and proper interval graphs. Discussiones Mathematicae - Graph Theory, 2009, 29, 253.	0.2	0
61	On-line Search in Two-Dimensional Environment. Lecture Notes in Computer Science, 2018, , 223-237.	1.0	0
62	Searching by Heterogeneous Agents. Lecture Notes in Computer Science, 2019, , 199-211.	1.0	0