Christoph DÃ¼rr

List of Publications by Year
in descending order

40 papers	554 citations

687363	642732
13 h-index	23 g-index

41 all docs	41 docs citations
41 times ranked	334 citing authors

#	ARTICLE	IF	CITATIONS
1	Scheduling with a processing time oracle. Applied Mathematical Modelling, 2022, 104, 701-720.	4.2	2
2	New results on multi-level aggregation. Theoretical Computer Science, 2021, 861, 133-143.	0.9	0
3	Randomized two-valued bounded delay online buffer management. Operations Research Letters, 2021, 49, 246-249.	0.7	0
4	Online Clique Clustering. Algorithmica, 2020, 82, 938-965.	1.3	7
5	Online Algorithms for Multilevel Aggregation. Operations Research, 2020, 68, 214-232.	1.9	2
6	An Adversarial Model for Scheduling with Testing. Algorithmica, 2020, 82, 3630-3675.	1.3	17
7	Online maximum matching with recourse. Journal of Combinatorial Optimization, 2020, 40, 974-1007.	1.3	3
8	The expanding search ratio of a graph. Discrete Applied Mathematics, 2019, 260, 51-65.	0.9	16
9	The triangle scheduling problem. Journal of Scheduling, 2018, 21, 305-312.	1.9	0
10	Online Bin Packing with Advice of Small Size. Theory of Computing Systems, 2018, 62, 2006-2034.	1.1	7
11	Preface of STACS 2016 Special Issue. Theory of Computing Systems, 2018, 62, 1-3.	1.1	0
12	The local–global conjecture for scheduling with non-linear cost. Journal of Scheduling, 2017, 20, 239-254.	1.9	9
13	Infinite linear programming and online searching with turn cost. Theoretical Computer Science, 2017, 670, 11-22.	0.9	10
14	Mechanism design for aggregating energy consumption and quality of service in speed scaling scheduling. Theoretical Computer Science, 2017, 695, 28-41.	0.9	3
15	Multi-processor Search and Scheduling Problems with Setup Cost. Theory of Computing Systems, 2017, 60, 637-670.	1.1	0
16	Scheduling under dynamic speed-scaling for minimizing weighted completion time and energy consumption. Discrete Applied Mathematics, 2015, 196, 20-27.	0.9	13
17	A note on $\mathbb{NP}$ -hardness of preemptive mean flow-time scheduling for parallel machines. Journal of Scheduling, 2015, 18, 299-304.	1.9	3
18	Online Bin Packing with Advice of Small Size. Lecture Notes in Computer Science, 2015, , 40-53.	1.3	6

#	Article	IF	Citations
19	Order constraints for single machine scheduling with non-linear cost. , 2014, , 98-111.		4
20	Preface of STACS 2012 Special Issue. Theory of Computing Systems, 2014, 55, 637-639.	1.1	0
21	Preface of Special Issue on Theoretical Aspects of Computer Science. Theory of Computing Systems, 2013, 53, 123-125.	1.1	0
22	Collecting Weighted Items from a Dynamic Queue. Algorithmica, 2013, 65, 60-94.	1.3	7
23	The Wide Partition Conjecture and the Atom Problem in Discrete Tomography. Electronic Notes in Discrete Mathematics, 2013, 44, 351-356.	0.4	1
24	Reconstructing 3-Colored Grids from Horizontal and Vertical Projections is NP-Hard: A Solution to the 2-Atom Problem in Discrete Tomography. SIAM Journal on Discrete Mathematics, 2012, 26, 330-352.	0.8	24
25	Online scheduling of bounded length jobs to maximize throughput. Journal of Scheduling, 2012, 15, 653-664.	1.9	5
26	Speed scaling with power down scheduling for agreeable deadlines. Sustainable Computing: Informatics and Systems, 2012, 2, 184-189.	2.2	14
27	Tile-Packing Tomography Is $\mathbb{NP}$ -hard. Algorithmica, 2012, 64, 267-278.	1.3	0
28	The interval ordering problem. Discrete Applied Mathematics, 2012, 160, 1094-1103.	0.9	0
29	Finding Total Unimodularity in Optimization Problems Solved by Linear Programs. Algorithmica, 2011, 59, 256-268.	1.3	7
30	Non-clairvoyant Scheduling Games. Theory of Computing Systems, 2011, 49, 3-23.	1.1	15
31	Competitive Analysis of Scheduling Algorithms for Aggregated Links. Algorithmica, 2008, 51, 367-386.	1.3	2
32	Runway sequencing with holding patterns. European Journal of Operational Research, 2008, 189, 1254-1266.	5.7	45
33	The complexity of mean flow time scheduling problems with release times. Journal of Scheduling, 2007, 10, 139-146.	1.9	23
34	Quantum Query Complexity of Some Graph Problems. SIAM Journal on Computing, 2006, 35, 1310-1328.	1.0	79
35	Quantum Algorithms for Element Distinctness. SIAM Journal on Computing, 2005, 34, 1324-1330.	1.0	59
36	Preemptive scheduling of equal-length jobs to maximize weighted throughput. Operations Research Letters, 2004, 32, 258-264.	0.7	17

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37	Tiling with bars under tomographic constraints. Theoretical Computer Science, 2003, 290, 1317-1329.	0.9	16
38	On tiling under tomographic constraints. Theoretical Computer Science, 2003, 290, 2125-2136.	0.9	17
39	Reconstructing hv-convex polyominoes from orthogonal projections. Information Processing Letters, 1999, 69, 283-289.	0.6	106
40	A decision procedure for well-formed linear quantum cellular automata. Random Structures and Algorithms, 1997, 11, 381-394.	1.1	13