

# Christoph DÃ¼rr

## List of Publications by Year in descending order

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40  
papers

554  
citations

687363

13  
h-index

642732

23  
g-index

41  
all docs

41  
docs citations

41  
times ranked

334  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconstructing hv-convex polyominoes from orthogonal projections. <i>Information Processing Letters</i> , 1999, 69, 283-289.	0.6	106
2	Quantum Query Complexity of Some Graph Problems. <i>SIAM Journal on Computing</i> , 2006, 35, 1310-1328.	1.0	79
3	Quantum Algorithms for Element Distinctness. <i>SIAM Journal on Computing</i> , 2005, 34, 1324-1330.	1.0	59
4	Runway sequencing with holding patterns. <i>European Journal of Operational Research</i> , 2008, 189, 1254-1266.	5.7	45
5	Reconstructing 3-Colored Grids from Horizontal and Vertical Projections is NP-Hard: A Solution to the 2-Atom Problem in Discrete Tomography. <i>SIAM Journal on Discrete Mathematics</i> , 2012, 26, 330-352.	0.8	24
6	The complexity of mean flow time scheduling problems with release times. <i>Journal of Scheduling</i> , 2007, 10, 139-146.	1.9	23
7	On tiling under tomographic constraints. <i>Theoretical Computer Science</i> , 2003, 290, 2125-2136.	0.9	17
8	Preemptive scheduling of equal-length jobs to maximize weighted throughput. <i>Operations Research Letters</i> , 2004, 32, 258-264.	0.7	17
9	An Adversarial Model for Scheduling with Testing. <i>Algorithmica</i> , 2020, 82, 3630-3675.	1.3	17
10	Tiling with bars under tomographic constraints. <i>Theoretical Computer Science</i> , 2003, 290, 1317-1329.	0.9	16
11	The expanding search ratio of a graph. <i>Discrete Applied Mathematics</i> , 2019, 260, 51-65.	0.9	16
12	Non-clairvoyant Scheduling Games. <i>Theory of Computing Systems</i> , 2011, 49, 3-23.	1.1	15
13	Speed scaling with power down scheduling for agreeable deadlines. <i>Sustainable Computing: Informatics and Systems</i> , 2012, 2, 184-189.	2.2	14
14	A decision procedure for well-formed linear quantum cellular automata. <i>Random Structures and Algorithms</i> , 1997, 11, 381-394.	1.1	13
15	Scheduling under dynamic speed-scaling for minimizing weighted completion time and energy consumption. <i>Discrete Applied Mathematics</i> , 2015, 196, 20-27.	0.9	13
16	Infinite linear programming and online searching with turn cost. <i>Theoretical Computer Science</i> , 2017, 670, 11-22.	0.9	10
17	The local“global conjecture for scheduling with non-linear cost. <i>Journal of Scheduling</i> , 2017, 20, 239-254.	1.9	9
18	Finding Total Unimodularity in Optimization Problems Solved by Linear Programs. <i>Algorithmica</i> , 2011, 59, 256-268.	1.3	7

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19	Collecting Weighted Items from a Dynamic Queue. <i>Algorithmica</i> , 2013, 65, 60-94.	1.3	7
20	Online Bin Packing with Advice of Small Size. <i>Theory of Computing Systems</i> , 2018, 62, 2006-2034.	1.1	7
21	Online Clique Clustering. <i>Algorithmica</i> , 2020, 82, 938-965.	1.3	7
22	Online Bin Packing with Advice of Small Size. <i>Lecture Notes in Computer Science</i> , 2015, , 40-53.	1.3	6
23	Online scheduling of bounded length jobs to maximize throughput. <i>Journal of Scheduling</i> , 2012, 15, 653-664.	1.9	5
24	Order constraints for single machine scheduling with non-linear cost. , 2014, , 98-111.		4
25	A note on $\mathbb{NP}$ -hardness of preemptive mean flow-time scheduling for parallel machines. <i>Journal of Scheduling</i> , 2015, 18, 299-304.	1.9	3
26	Mechanism design for aggregating energy consumption and quality of service in speed scaling scheduling. <i>Theoretical Computer Science</i> , 2017, 695, 28-41.	0.9	3
27	Online maximum matching with recourse. <i>Journal of Combinatorial Optimization</i> , 2020, 40, 974-1007.	1.3	3
28	Competitive Analysis of Scheduling Algorithms for Aggregated Links. <i>Algorithmica</i> , 2008, 51, 367-386.	1.3	2
29	Online Algorithms for Multilevel Aggregation. <i>Operations Research</i> , 2020, 68, 214-232.	1.9	2
30	Scheduling with a processing time oracle. <i>Applied Mathematical Modelling</i> , 2022, 104, 701-720.	4.2	2
31	The Wide Partition Conjecture and the Atom Problem in Discrete Tomography. <i>Electronic Notes in Discrete Mathematics</i> , 2013, 44, 351-356.	0.4	1
32	Tile-Packing Tomography Is $\mathbb{NP}$ -hard. <i>Algorithmica</i> , 2012, 64, 267-278.	1.3	0
33	The interval ordering problem. <i>Discrete Applied Mathematics</i> , 2012, 160, 1094-1103.	0.9	0
34	Preface of Special Issue on Theoretical Aspects of Computer Science. <i>Theory of Computing Systems</i> , 2013, 53, 123-125.	1.1	0
35	Preface of STACS 2012 Special Issue. <i>Theory of Computing Systems</i> , 2014, 55, 637-639.	1.1	0
36	Multi-processor Search and Scheduling Problems with Setup Cost. <i>Theory of Computing Systems</i> , 2017, 60, 637-670.	1.1	0

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37	The triangle scheduling problem. <i>Journal of Scheduling</i> , 2018, 21, 305-312.	1.9	0
38	Preface of STACS 2016 Special Issue. <i>Theory of Computing Systems</i> , 2018, 62, 1-3.	1.1	0
39	New results on multi-level aggregation. <i>Theoretical Computer Science</i> , 2021, 861, 133-143.	0.9	0
40	Randomized two-valued bounded delay online buffer management. <i>Operations Research Letters</i> , 2021, 49, 246-249.	0.7	0