

Sungjin Im

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

298
citations

1478505

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1372567

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all docs

29
docs citations

29
times ranked

109
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-clairvoyantly Scheduling to Minimize Convex Functions. <i>Algorithmica</i> , 2019, 81, 3746-3764.	1.3	1
2	Competitive Algorithms from Competitive Equilibria. <i>Journal of the ACM</i> , 2018, 65, 1-33.	2.2	14
3	Energy efficient scheduling of parallelizable jobs. <i>Theoretical Computer Science</i> , 2018, 726, 30-40.	0.9	9
4	Competitively Scheduling Tasks with Intermediate Parallelizability. <i>ACM Transactions on Parallel Computing</i> , 2016, 3, 1-19.	1.4	6
5	Minimizing the maximum flow time in batch scheduling. <i>Operations Research Letters</i> , 2016, 44, 784-789.	0.7	1
6	Fair Online Scheduling for Selfish Jobs on Heterogeneous Machines. , 2016, , .		1
7	A Dynamic Programming Framework for Non-Preemptive Scheduling Problems on Multiple Machines [Extended Abstract]. , 2015, , .		4
8	Competitive Flow Time Algorithms for Polyhedral Scheduling. , 2015, , .		6
9	Scheduling in Bandwidth Constrained Tree Networks. , 2015, , .		2
10	New Approximations for Broadcast Scheduling via Variants of $\hat{\epsilon}$ -point Rounding. , 2015, , .		1
11	Temporal Fairness of Round Robin. , 2015, , .		12
12	Coordination mechanisms from (almost) all scheduling policies. , 2014, , .		20
13	SelfishMigrate: A Scalable Algorithm for Non-clairvoyantly Scheduling Heterogeneous Processors. , 2014, , .		20
14	Competitive algorithms from competitive equilibria. , 2014, , .		21
15	Competitively scheduling tasks with intermediate parallelizability. , 2014, , .		10
16	Online Scheduling with General Cost Functions. <i>SIAM Journal on Computing</i> , 2014, 43, 126-143.	1.0	6
17	Online batch scheduling for flow objectives. , 2013, , .		3
18	Energy Efficient Scheduling of Parallelizable Jobs. , 2013, , .		12

#	ARTICLE	IF	CITATIONS
19	Online Non-clairvoyant Scheduling to Simultaneously Minimize All Convex Functions. Lecture Notes in Computer Science, 2013, , 142-157.	1.3	5
20	Scheduling Heterogeneous Processors Isn't As Easy As You Think. , 2012, , .		29
21	Online Scheduling with General Cost Functions. , 2012, , .		7
22	Envy-Free Pricing with General Supply Constraints for Unit Demand Consumers. Journal of Computer Science and Technology, 2012, 27, 702-709.	1.5	3
23	Shortest-Elapsed-Time-First on a Multiprocessor. Lecture Notes in Computer Science, 2012, , 82-92.	1.3	1
24	Title is missing!. Theory of Computing, 2012, 8, 165-195.	0.5	7
25	An Online Scalable Algorithm for Minimizing \hat{L}_k -norms of Weighted Flow Time on Unrelated Machines. , 2011, , .		11
26	Online Scalable Scheduling for the \hat{L}_k -norms of Flow Time Without Conservation of Work. , 2011, , .		8
27	A tutorial on amortized local competitiveness in online scheduling. ACM SIGACT News, 2011, 42, 83-97.	0.1	47
28	New Models and Algorithms for Throughput Maximization in Broadcast Scheduling. Lecture Notes in Computer Science, 2011, , 71-82.	1.3	6
29	Scheduling jobs with varying parallelizability to reduce variance. , 2010, , .		25