

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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h-index

1372567

10
g-index

29
all docs

29
docs citations

29
times ranked

109
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A tutorial on amortized local competitiveness in online scheduling. ACM SIGACT News, 2011, 42, 83-97. | 0.1 | 47 |
| 2 | Scheduling Heterogeneous Processors Isn't As Easy As You Think. , 2012, , . | | 29 |
| 3 | Scheduling jobs with varying parallelizability to reduce variance. , 2010, , . | | 25 |
| 4 | Competitive algorithms from competitive equilibria. , 2014, , . | | 21 |
| 5 | Coordination mechanisms from (almost) all scheduling policies. , 2014, , . | | 20 |
| 6 | SelfishMigrate: A Scalable Algorithm for Non-clairvoyantly Scheduling Heterogeneous Processors. , 2014, , . | | 20 |
| 7 | Competitive Algorithms from Competitive Equilibria. Journal of the ACM, 2018, 65, 1-33. | 2.2 | 14 |
| 8 | Energy Efficient Scheduling of Parallelizable Jobs. , 2013, , . | | 12 |
| 9 | Temporal Fairness of Round Robin. , 2015, , . | | 12 |
| 10 | An Online Scalable Algorithm for Minimizing $\hat{\alpha}$, " $\langle \sub <i>k</i> \rangle$ -norms of Weighted Flow Time on Unrelated Machines. , 2011, , . | | 11 |
| 11 | Competitively scheduling tasks with intermediate parallelizability. , 2014, , . | | 10 |
| 12 | Energy efficient scheduling of parallelizable jobs. Theoretical Computer Science, 2018, 726, 30-40. | 0.9 | 9 |
| 13 | Online Scalable Scheduling for the $\hat{\alpha}$, " $\langle \sub <i>k</i> \rangle$ -norms of Flow Time Without Conservation of Work. , 2011, , . | | 8 |
| 14 | Online Scheduling with General Cost Functions. , 2012, , . | | 7 |
| 15 | Title is missing!. Theory of Computing, 2012, 8, 165-195. | 0.5 | 7 |
| 16 | Online Scheduling with General Cost Functions. SIAM Journal on Computing, 2014, 43, 126-143. | 1.0 | 6 |
| 17 | Competitive Flow Time Algorithms for Polyhedral Scheduling. , 2015, , . | | 6 |
| 18 | Competitively Scheduling Tasks with Intermediate Parallelizability. ACM Transactions on Parallel Computing, 2016, 3, 1-19. | 1.4 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | New Models and Algorithms for Throughput Maximization in Broadcast Scheduling. Lecture Notes in Computer Science, 2011, , 71-82. | 1.3 | 6 |
| 20 | Online Non-clairvoyant Scheduling to Simultaneously Minimize All Convex Functions. Lecture Notes in Computer Science, 2013, , 142-157. | 1.3 | 5 |
| 21 | A Dynamic Programming Framework for Non-Preemptive Scheduling Problems on Multiple Machines [Extended Abstract]. , 2015, , . | | 4 |
| 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 | Online batch scheduling for flow objectives. , 2013, , . | | 3 |
| 24 | Scheduling in Bandwidth Constrained Tree Networks. , 2015, , . | | 2 |
| 25 | New Approximations for Broadcast Scheduling via Variants of $\hat{\epsilon}$ -point Rounding. , 2015, , . | | 1 |
| 26 | Minimizing the maximum flow time in batch scheduling. Operations Research Letters, 2016, 44, 784-789. | 0.7 | 1 |
| 27 | Fair Online Scheduling for Selfish Jobs on Heterogeneous Machines. , 2016, , . | | 1 |
| 28 | Non-clairvoyantly Scheduling to Minimize Convex Functions. Algorithmica, 2019, 81, 3746-3764. | 1.3 | 1 |
| 29 | Shortest-Elapsed-Time-First on a Multiprocessor. Lecture Notes in Computer Science, 2012, , 82-92. | 1.3 | 1 |