

Lin Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9052744/publications.pdf>

Version: 2024-02-01

64
papers

794
citations

933264

10
h-index

713332

21
g-index

65
all docs

65
docs citations

65
times ranked

738
citing authors

#	ARTICLE	IF	CITATIONS
1	Solving the shortest path interdiction problem via reinforcement learning. International Journal of Production Research, 2023, 61, 31-48.	4.9	16
2	Tight running times for minimum $\hat{\alpha}$, "q-norm load balancing: beyond exponential dependencies on $1/\hat{\alpha}$. , 2022, , 275-315.		1
3	On the price of anarchy of two-stage machine scheduling games. Journal of Combinatorial Optimization, 2021, 42, 616-635.	0.8	5
4	A combinatorial Benders decomposition algorithm for parallel machine scheduling with working-time restrictions. European Journal of Operational Research, 2021, 291, 128-146.	3.5	12
5	Optimal algorithms for scheduling under time-of-use tariffs. Annals of Operations Research, 2021, 304, 85-107.	2.6	8
6	Reshaping the Landscape of the Future: Software-Defined Manufacturing. Computer, 2021, 54, 27-36.	1.2	6
7	Computational complexity characterization of protecting elections from bribery. Theoretical Computer Science, 2021, 891, 189-189.	0.5	0
8	A general framework for handling commitment in online throughput maximization. Mathematical Programming, 2020, 183, 215-247.	1.6	5
9	Scheduling Many Types of Calibrations. Lecture Notes in Computer Science, 2020, , 286-297.	1.0	1
10	FPGA Based Blockchain System for Industrial IoT. , 2020, , .		6
11	Blockchain Based End-to-End Tracking System for Distributed IoT Intelligence Application Security Enhancement. , 2020, , .		0
12	Computational Complexity Characterization of Protecting Elections from Bribery. Lecture Notes in Computer Science, 2020, , 85-97.	1.0	0
13	PrivateEx. , 2020, , .		1
14	DL-DP. , 2020, , .		1
15	Approximation of Scheduling with Calibrations on Multiple Machines (Brief Announcement). , 2019, , .		2
16	On Block-Structured Integer Programming and Its Applications. Springer Optimization and Its Applications, 2019, , 153-177.	0.6	0
17	A General Framework for Handling Commitment in Online Throughput Maximization. Lecture Notes in Computer Science, 2019, , 141-154.	1.0	3
18	Scheduling maintenance jobs in networks. Theoretical Computer Science, 2019, 754, 107-121.	0.5	4

#	ARTICLE	IF	CITATIONS
19	The Game Among Bribers in a Smart Contract System. Lecture Notes in Computer Science, 2019, , 294-307.	1.0	3
20	Election with Bribe-Effect Uncertainty: A Dichotomy Result. , 2019, , .		3
21	Cross Chain Bribery Contracts: Majority vs Mighty Minority. Communications in Computer and Information Science, 2019, , 121-133.	0.4	1
22	Election with Bribed Voter Uncertainty: Hardness and Approximation Algorithm. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 2572-2579.	3.6	1
23	On the optimality of exact and approximation algorithms for scheduling problems. Journal of Computer and System Sciences, 2018, 96, 1-32.	0.9	5
24	Parallel machine scheduling with speed-up resources. European Journal of Operational Research, 2018, 268, 101-112.	3.5	6
25	Covering a tree with rooted subtrees “ parameterized and approximation algorithms. , 2018, , 2801-2820.		7
26	On the NP-hardness of scheduling with time restrictions. Discrete Optimization, 2018, 28, 54-62.	0.6	11
27	CoC: A Unified Distributed Ledger Based Supply Chain Management System. Journal of Computer Science and Technology, 2018, 33, 237-248.	0.9	73
28	An $\mathcal{O}(\log \{m\})$ -Competitive Algorithm for Online Machine Minimization. SIAM Journal on Computing, 2018, 47, 2057-2077.	0.8	9
29	Binding the Physical and Cyber Worlds: A Blockchain Approach for Cargo Supply Chain Security Enhancement. , 2018, , .		30
30	Tyranny of the Majority: On the (Im)possibility of Correctness of Smart Contracts. IEEE Security and Privacy, 2018, 16, 30-37.	1.5	5
31	Protecting Early Stage Proof-of-Work Based Public Blockchain. , 2018, , .		16
32	Proving Conditional Termination for Smart Contracts. , 2018, , .		11
33	Packing Groups of Items into Multiple Knapsacks. ACM Transactions on Algorithms, 2018, 14, 1-24.	0.9	8
34	eGov-DAO: a Better Government using Blockchain based Decentralized Autonomous Organization. , 2018, , .		46
35	Blockchain-based Identity Management with Mobile Device. , 2018, , .		37
36	DL-BAC. , 2017, , .		9

#	ARTICLE	IF	CITATIONS
37	Enabling the Sharing Economy. , 2017, , .		60
38	Scheduling Maintenance Jobs in Networks. Lecture Notes in Computer Science, 2017, , 19-30.	1.0	0
39	Unraveling Blockchain based Crypto-currency System Supporting Oblivious Transactions. , 2017, , .		11
40	On Security Analysis of Proof-of-Elapsed-Time (PoET). Lecture Notes in Computer Science, 2017, , 282-297.	1.0	159
41	EPBC. , 2017, , .		9
42	CoC: Secure Supply Chain Management System Based on Public Ledger. , 2017, , .		26
43	Decentralized Execution of Smart Contracts: Agent Model Perspective and Its Implications. Lecture Notes in Computer Science, 2017, , 468-477.	1.0	11
44	Scalable Blockchain Based Smart Contract Execution. , 2017, , .		19
45	The Price of Anarchy in Two-Stage Scheduling Games. Lecture Notes in Computer Science, 2017, , 214-225.	1.0	0
46	The Power of Migration in Online Machine Minimization. , 2016, , .		5
47	An $\frac{1}{\log m}$ -Competitive Algorithm for Online Machine Minimization. , 2016, , .		8
48	An Efficient PTAS for Parallel Machine Scheduling with Capacity Constraints. Lecture Notes in Computer Science, 2016, , 608-623.	1.0	4
49	Approximating the Optimal Algorithm for Online Scheduling Problems via Dynamic Programming. Asia-Pacific Journal of Operational Research, 2015, 32, 1540011.	0.9	6
50	An asymptotic competitive scheme for online bin packing. Theoretical Computer Science, 2015, 607, 446-454.	0.5	1
51	On the optimality of approximation schemes for the classical scheduling problem. , 2014, , .		13
52	ONLINE SCHEDULING OF MIXED CPU-GPU JOBS. International Journal of Foundations of Computer Science, 2014, 25, 745-761.	0.8	16
53	On Two-machine Flow Shop Scheduling. Journal of the Operations Research Society of China, 2014, 2, 333-339.	0.9	0
54	An improved lower bound for rank four scheduling. Operations Research Letters, 2014, 42, 348-350.	0.5	6

#	ARTICLE	IF	CITATIONS
55	An Asymptotic Competitive Scheme for Online Bin Packing. Lecture Notes in Computer Science, 2014, , 13-24.	1.0	0
56	Approximation algorithms for a bi-level knapsack problem. Theoretical Computer Science, 2013, 497, 1-12.	0.5	17
57	Online Scheduling on a CPU-GPU Cluster. Lecture Notes in Computer Science, 2013, , 1-9.	1.0	2
58	Approximation schemes for two-machine flow shop scheduling with two agents. Journal of Combinatorial Optimization, 2012, 24, 229-239.	0.8	32
59	Approximation schemes for scheduling a maintenance and linear deteriorating jobs. Journal of Industrial and Management Optimization, 2012, 8, 271-283.	0.8	11
60	Scheduling on two identical machines with a speed-up resource. Information Processing Letters, 2011, 111, 831-835.	0.4	6
61	Approximation Algorithms for Unrelated Machine Scheduling with an Energy Budget. Lecture Notes in Computer Science, 2011, , 244-254.	1.0	3
62	Approximation Scheme for Scheduling Resumable Proportionally Deteriorating Jobs. Lecture Notes in Computer Science, 2011, , 36-45.	1.0	2
63	Approximation Algorithms for a Bi-level Knapsack Problem. Lecture Notes in Computer Science, 2011, , 399-410.	1.0	2
64	Approximation Algorithms for Scheduling with a Variable Machine Maintenance. Lecture Notes in Computer Science, 2010, , 209-219.	1.0	9