

Bo Chen

List of Publications by Year in descending order

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65
papers

1,460
citations

361413

20
h-index

377865

34
g-index

69
all docs

69
docs citations

69
times ranked

900
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of Machine Scheduling: Complexity, Algorithms and Approximability. , 1998, , 1493-1641.		115
2	A Multiexchange Local Search Algorithm for the Capacitated Facility Location Problem. Mathematics of Operations Research, 2005, 30, 389-403.	1.3	112
3	Scheduling on identical machines: How good is LPT in an on-line setting?. Operations Research Letters, 1997, 21, 165-169.	0.7	80
4	New lower and upper bounds for on-line scheduling. Operations Research Letters, 1994, 16, 221-230.	0.7	76
5	Logistics scheduling with batching and transportation. European Journal of Operational Research, 2008, 189, 871-876.	5.7	71
6	A lower bound for randomized on-line scheduling algorithms. Information Processing Letters, 1994, 51, 219-222.	0.6	60
7	An optimal algorithm for preemptive on-line scheduling. Operations Research Letters, 1995, 18, 127-131.	0.7	60
8	A comprehensive decision-making model for risk management of supply chain. Expert Systems With Applications, 2011, 38, 4957-4966.	7.6	58
9	A New Heuristic for Three-Machine Flow Shop Scheduling. Operations Research, 1996, 44, 891-898.	1.9	56
10	Algorithms for on-line bin-packing problems with cardinality constraints. Discrete Applied Mathematics, 2004, 143, 238-251.	0.9	49
11	Allocation of bandwidth and storage. IIE Transactions, 2002, 34, 501-507.	2.1	48
12	Relationships among circumstance pressure, green technology selection and firm performance. Journal of Cleaner Production, 2015, 106, 487-496.	9.3	42
13	Approximation Algorithms for Three-Machine Open Shop Scheduling. ORSA Journal on Computing, 1993, 5, 321-326.	1.7	41
14	A Better Heuristic for Preemptive Parallel Machine Scheduling with Batch Setup Times. SIAM Journal on Computing, 1993, 22, 1303-1318.	1.0	34
15	Supplier Competition with Option Contracts for Discrete Blocks of Capacity. Operations Research, 2017, 65, 952-967.	1.9	34
16	Approximation Algorithms for Soft-Capacitated Facility Location in Capacitated Network Design. Algorithmica, 2009, 53, 263-297.	1.3	29
17	A Multi-exchange Local Search Algorithm for the Capacitated Facility Location Problem. Lecture Notes in Computer Science, 2004, , 219-233.	1.3	27
18	On-Line Scheduling a Batch Processing System to Minimize Total Weighted Job Completion Time. Journal of Combinatorial Optimization, 2004, 8, 85-95.	1.3	26

#	ARTICLE	IF	CITATIONS
19	Price of fairness in two-agent single-machine scheduling problems. European Journal of Operational Research, 2019, 276, 79-87.	5.7	24
20	Scheduling with time-of-use costs. European Journal of Operational Research, 2019, 274, 900-908.	5.7	24
21	Efficiency analysis of load balancing games with and without activation costs. Journal of Scheduling, 2012, 15, 157-164.	1.9	23
22	Vehicle routing with probabilistic capacity constraints. European Journal of Operational Research, 2018, 270, 544-555.	5.7	20
23	Worst-case analysis of heuristics for open shops with parallel machines. European Journal of Operational Research, 1993, 70, 379-390.	5.7	19
24	A note on LPT scheduling. Operations Research Letters, 1993, 14, 139-142.	0.7	18
25	Lot-sizing scheduling with batch setup times. Journal of Scheduling, 2006, 9, 299-310.	1.9	18
26	Approximation algorithms for two-machine flow shop scheduling with batch setup times. Mathematical Programming, 1998, 82, 255-271.	2.4	17
27	Buffer sizing in critical chain project management by network decomposition. Omega, 2021, 102, 102382.	5.9	17
28	On-Line Scheduling of Two-Machine Open Shops Where Jobs Arrive Over Time. Journal of Combinatorial Optimization, 1998, 1, 355-365.	1.3	16
29	Allocation of bandwidth and storage. IIE Transactions, 2002, 34, 501-507.	2.1	16
30	Tighter bound for MULTIFIT scheduling on uniform processors. Discrete Applied Mathematics, 1991, 31, 227-260.	0.9	15
31	Quantifying the efficiency of price-only contracts in push supply chains over demand distributions of known supports. Omega, 2014, 42, 98-108.	5.9	15
32	Analysis of Classes of Heuristics for Scheduling a Two-Stage Flow Shop with Parallel Machines at One Stage. Journal of the Operational Research Society, 1995, 46, 234.	3.4	13
33	Scheduling Multiprocessor Flow Shops. Nonconvex Optimization and Its Applications, 1994, , 1-8.	0.1	13
34	Price of anarchy for non-atomic congestion games with stochastic demands. Transportation Research Part B: Methodological, 2014, 70, 90-111.	5.9	12
35	A Network Game of Dynamic Traffic. , 2017, , .		12
36	Scheduling of batch plants: Constraint-based approach and performance investigation. International Journal of Production Economics, 2007, 105, 425-444.	8.9	11

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37	Tactical fixed job scheduling with spread-time constraints. <i>Computers and Operations Research</i> , 2014, 47, 53-60.	4.0	10
38	The importance of voting order for jury decisions by sequential majority voting. <i>European Journal of Operational Research</i> , 2017, 258, 1072-1081.	5.7	10
39	Parametric bounds for LPT scheduling on uniform processors. <i>Acta Mathematicae Applicatae Sinica</i> , 1991, 7, 67-73.	0.7	8
40	Cost-effective designs of fault-tolerant access networks in communication systems. <i>Networks</i> , 2009, 53, 382-391.	2.7	8
41	Rawlsian fairness in push and pull supply chains. <i>European Journal of Operational Research</i> , 2021, 291, 194-205.	5.7	8
42	A Study of On-Line Scheduling Two-Stage Shops. <i>Nonconvex Optimization and Its Applications</i> , 1995, , 97-107.	0.1	8
43	On-line scheduling of small open shops. <i>Discrete Applied Mathematics</i> , 2001, 110, 133-150.	0.9	7
44	Optimisation models for re-routing air traffic flows in Europe. <i>Journal of the Operational Research Society</i> , 2001, 52, 1338-1349.	3.4	7
45	The price of atomic selfish ring routing. <i>Journal of Combinatorial Optimization</i> , 2010, 19, 258-278.	1.3	7
46	Joint optimisation of generation and storage in the presence of wind. <i>IET Renewable Power Generation</i> , 2016, 10, 1477-1487.	3.1	7
47	On-line service scheduling. <i>Journal of Scheduling</i> , 2009, 12, 31-43.	1.9	6
48	A Note on "An On-Line Scheduling Heuristic with Better Worst Case Ratio than Graham's List Scheduling". <i>SIAM Journal on Computing</i> , 1997, 26, 870-872.	1.0	5
49	Incentive schemes for resolving Parkinson's Law in project management. <i>European Journal of Operational Research</i> , 2021, 288, 666-681.	5.7	5
50	Equilibria in load balancing games. <i>Acta Mathematicae Applicatae Sinica</i> , 2009, 25, 723-736.	0.7	4
51	Stability vs. optimality in selfish ring routing. <i>Acta Mathematica Sinica, English Series</i> , 2014, 30, 767-784.	0.6	4
52	Scheduling coupled tasks with exact delays for minimum total job completion time. <i>Journal of Scheduling</i> , 2021, 24, 209-221.	1.9	4
53	Atomic Dynamic Flow Games: Adaptive vs. Nonadaptive Agents. <i>Operations Research</i> , 2021, 69, 1680-1695.	1.9	4
54	On-Line Algorithms for Cardinality Constrained Bin Packing Problems. <i>Lecture Notes in Computer Science</i> , 2001, , 695-706.	1.3	4

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55	Who should cast the casting vote? Using sequential voting to amalgamate information. Theory and Decision, 2017, 83, 259-282.	1.0	3
56	Capacity Games with Supply Function Competition. Operations Research, 2022, 70, 1969-1983.	1.9	3
57	Strong stability of Nash equilibria in load balancing games. Science China Mathematics, 2014, 57, 1361-1374.	1.7	2
58	Normal-form preemption sequences for an open problem in scheduling theory. Journal of Scheduling, 2016, 19, 701-728.	1.9	2
59	A functional equation of tail-balance for continuous signals in the Condorcet Jury Theorem. Aequationes Mathematicae, 2021, 95, 67-74.	0.8	2
60	On-Line Scheduling a Batch Processing System to Minimize Total Weighted Job Completion Time. Lecture Notes in Computer Science, 2001, , 380-389.	1.3	2
61	Optimizing voting order on sequential juries: a median voter theorem and beyond. Social Choice and Welfare, 0, , 1.	0.8	2
62	An improved heuristic for one-machine scheduling with delays constraints. Science in China Series A: Mathematics, 1997, 40, 680-686.	0.5	1
63	Bounding Residence Times for Atomic Dynamic Routings. Mathematics of Operations Research, 2022, 47, 3261-3281.	1.3	1
64	Optimal Binomial Group Testing with a Test History. Probability in the Engineering and Informational Sciences, 1990, 4, 523-530.	0.8	0
65	Atomic congestion games with random players: network equilibrium and the price of anarchy. Journal of Combinatorial Optimization, 2020, , 1.	1.3	0