Bo Chen

List of Publications by Year
in descending order

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	Capacity Games with Supply Function Competition. Operations Research, 2022, 70, 1969-1983.	1.9	3
2	Bounding Residence Times for Atomic Dynamic Routings. Mathematics of Operations Research, 2022, 47, 3261-3281.	1.3	1
3	Incentive schemes for resolving Parkinsonâ€™s Law in project management. European Journal of Operational Research, 2021, 288, 666-681.	5.7	5
4	Buffer sizing in critical chain project management by network decomposition. Omega, 2021, 102, 102382.	5.9	17
5	Rawlsian fairness in push and pull supply chains. European Journal of Operational Research, 2021, 291, 194-205.	5.7	8
6	Scheduling coupled tasks with exact delays for minimum total job completion time. Journal of Scheduling, 2021, 24, 209-221.	1.9	4
7	A functional equation of tail-balance for continuous signals in the Condorcet Jury Theorem. Aequationes Mathematicae, 2021, 95, 67-74.	0.8	2
8	Atomic Dynamic Flow Games: Adaptive vs. Nonadaptive Agents. Operations Research, 2021, 69, 1680-1695.	1.9	4
9	Atomic congestion games with random players: network equilibrium and the price of anarchy. Journal of Combinatorial Optimization, 2020, , 1.	1.3	0
10	Price of fairness in two-agent single-machine scheduling problems. European Journal of Operational Research, 2019, 276, 79-87.	5.7	24
11	Scheduling with time-of-use costs. European Journal of Operational Research, 2019, 274, 900-908.	5.7	24
12	Vehicle routing with probabilistic capacity constraints. European Journal of Operational Research, 2018, 270, 544-555.	5.7	20
13	Supplier Competition with Option Contracts for Discrete Blocks of Capacity. Operations Research, 2017, 65, 952-967.	1.9	34
14	Who should cast the casting vote? Using sequential voting to amalgamate information. Theory and Decision, 2017, 83, 259-282.	1.0	3
15	A Network Game of Dynamic Traffic. , 2017, , .		12
16	The importance of voting order for jury decisions by sequential majority voting. European Journal of Operational Research, 2017, 258, 1072-1081.	5.7	10
17	Joint optimisation of generation and storage in the presence of wind. IET Renewable Power Generation, 2016, 10, 1477-1487.	3.1	7
18	Normal-form preemption sequences for an open problem in scheduling theory. Journal of Scheduling, 2016, 19, 701-728.	1.9	2

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19	Relationships among circumstance pressure, green technology selection and firm performance. Journal of Cleaner Production, 2015, 106, 487-496.	9.3	42
20	Tactical fixed job scheduling with spread-time constraints. Computers and Operations Research, 2014, 47, 53-60.	4.0	10
21	Price of anarchy for non-atomic congestion games with stochastic demands. Transportation Research Part B: Methodological, 2014, 70, 90-111.	5.9	12
22	Stability vs. optimality in selfish ring routing. Acta Mathematica Sinica, English Series, 2014, 30, 767-784.	0.6	4
23	Strong stability of Nash equilibria in load balancing games. Science China Mathematics, 2014, 57, 1361-1374.	1.7	2
24	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
25	Efficiency analysis of load balancing games with and without activation costs. Journal of Scheduling, 2012, 15, 157-164.	1.9	23
26	A comprehensive decision-making model for risk management of supply chain. Expert Systems With Applications, 2011, 38, 4957-4966.	7.6	58
27	The price of atomic selfish ring routing. Journal of Combinatorial Optimization, 2010, 19, 258-278.	1.3	7
28	Costâ€effective designs of faultâ€tolerant access networks in communication systems. Networks, 2009, 53, 382-391.	2.7	8
29	Equilibria in load balancing games. Acta Mathematicae Applicatae Sinica, 2009, 25, 723-736.	0.7	4
30	Approximation Algorithms for Soft-Capacitated Facility Location in Capacitated Network Design. Algorithmica, 2009, 53, 263-297.	1.3	29
31	On-line service scheduling. Journal of Scheduling, 2009, 12, 31-43.	1.9	6
32	Logistics scheduling with batching and transportation. European Journal of Operational Research, 2008, 189, 871-876.	5.7	71
33	Scheduling of batch plants: Constraint-based approach and performance investigation. International Journal of Production Economics, 2007, 105, 425-444.	8.9	11
34	Lot-sizing scheduling with batch setup times. Journal of Scheduling, 2006, 9, 299-310.	1.9	18
35	A Multiexchange Local Search Algorithm for the Capacitated Facility Location Problem. Mathematics of Operations Research, 2005, 30, 389-403.	1.3	112
36	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

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37	Algorithms for on-line bin-packing problems with cardinality constraints. Discrete Applied Mathematics, 2004, 143, 238-251.	0.9	49
38	A Multi-exchange Local Search Algorithm for the Capacitated Facility Location Problem. Lecture Notes in Computer Science, 2004, , 219-233.	1.3	27
39	Allocation of bandwidth and storage. IIE Transactions, 2002, 34, 501-507.	2.1	48
40	Allocation of bandwidth and storage. IIE Transactions, 2002, 34, 501-507.	2.1	16
41	On-line scheduling of small open shops. Discrete Applied Mathematics, 2001, 110, 133-150.	0.9	7
42	Optimisation models for re-routing air traffic flows in Europe. Journal of the Operational Research Society, 2001, 52, 1338-1349.	3.4	7
43	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
44	On-Line Algorithms for Cardinality Constrained Bin Packing Problems. Lecture Notes in Computer Science, 2001, , 695-706.	1.3	4
45	On-Line Scheduling of Two-Machine Open Shops Where Jobs Arrive Over Time. Journal of Combinatorial Optimization, 1998, 1, 355-365.	1.3	16
46	Approximation algorithms for two-machine flow shop scheduling with batch setup times. Mathematical Programming, 1998, 82, 255-271.	2.4	17
47	A Review of Machine Scheduling: Complexity, Algorithms and Approximability. , 1998, , 1493-1641.		115
48	A Note on "An On-Line Scheduling Heuristic with Better Worst Case Ratio than Graham's List Scheduling". SIAM Journal on Computing, 1997, 26, 870-872.	1.0	5
49	An improved heuristic for one-machine scheduling with delays constraints. Science in China Series A: Mathematics, 1997, 40, 680-686.	0.5	1
50	Scheduling on identical machines: How good is LPT in an on-line setting?. Operations Research Letters, 1997, 21, 165-169.	0.7	80
51	A New Heuristic for Three-Machine Flow Shop Scheduling. Operations Research, 1996, 44, 891-898.	1.9	56
52	An optimal algorithm for preemptive on-line scheduling. Operations Research Letters, 1995, 18, 127-131.	0.7	60
53	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
54	A Study of On-Line Scheduling Two-Stage Shops. Nonconvex Optimization and Its Applications, 1995, , 97-107.	0.1	8

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55	A lower bound for randomized on-line scheduling algorithms. Information Processing Letters, 1994, 51, 219-222.	0.6	60
56	New lower and upper bounds for on-line scheduling. Operations Research Letters, 1994, 16, 221-230.	0.7	76
57	Scheduling Multiprocessor Flow Shops. Nonconvex Optimization and Its Applications, 1994, , 1-8.	0.1	13
58	Worst-case analysis of heuristics for open shops with parallel machines. European Journal of Operational Research, 1993, 70, 379-390.	5.7	19
59	A note on LPT scheduling. Operations Research Letters, 1993, 14, 139-142.	0.7	18
60	A Better Heuristic for Preemptive Parallel Machine Scheduling with Batch Setup Times. SIAM Journal on Computing, 1993, 22, 1303-1318.	1.0	34
61	Approximation Algorithms for Three-Machine Open Shop Scheduling. ORSA Journal on Computing, 1993, 5, 321-326.	1.7	41
62	Tighter bound for MULTIFIT scheduling on uniform processors. Discrete Applied Mathematics, 1991, 31, 227-260.	0.9	15
63	Parametric bounds for LPT scheduling on uniform processors. Acta Mathematicae Applicatae Sinica, 1991, 7, 67-73.	0.7	8
64	Optimal Binomial Group Testing with a Test History. Probability in the Engineering and Informational Sciences, 1990, 4, 523-530.	0.8	0
65	Optimizing voting order on sequential juries: a median voter theorem and beyond. Social Choice and Welfare, 0, , 1.	0.8	2