

Zhi-Hai Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,156
citations

361045

20
h-index

414034

32
g-index

54
all docs

54
docs citations

54
times ranked

987
citing authors

#	ARTICLE	IF	CITATIONS
1	Distributionally robust optimization of an emergency medical service station location and sizing problem with joint chance constraints. <i>Transportation Research Part B: Methodological</i> , 2019, 119, 79-101.	2.8	102
2	The allocation of berths and quay cranes by using a sub-gradient optimization technique. <i>Computers and Industrial Engineering</i> , 2010, 58, 40-50.	3.4	82
3	A robust counterpart approach to the bi-objective emergency medical service design problem. <i>Applied Mathematical Modelling</i> , 2014, 38, 1033-1040.	2.2	79
4	Capacitated disassembly scheduling under stochastic yield and demand. <i>European Journal of Operational Research</i> , 2018, 269, 244-257.	3.5	53
5	A coordinated location-inventory problem in closed-loop supply chain. <i>Transportation Research Part B: Methodological</i> , 2016, 89, 127-148.	2.8	47
6	A Lagrangian relaxation based approach for the capacitated lot sizing problem in closed-loop supply chain. <i>International Journal of Production Economics</i> , 2012, 140, 249-255.	5.1	44
7	Flexible open shop scheduling problem to minimize makespan. <i>Computers and Operations Research</i> , 2016, 67, 207-215.	2.4	44
8	Feedrate optimization for variant milling process based on cutting force prediction. <i>International Journal of Advanced Manufacturing Technology</i> , 2004, 24, 541-552.	1.5	36
9	Optimization of the number and positions of fixture locators in the peripheral milling of a low-rigidity workpiece. <i>International Journal of Advanced Manufacturing Technology</i> , 2007, 33, 668-676.	1.5	36
10	Flow shop learning effect scheduling problem with release dates. <i>Omega</i> , 2018, 78, 21-38.	3.6	36
11	A novel probabilistic formulation for locating and sizing emergency medical service stations. <i>Annals of Operations Research</i> , 2015, 229, 813-835.	2.6	34
12	Capacitated disassembly scheduling with parts commonality and start-up cost and its industrial application. <i>International Journal of Production Research</i> , 2016, 54, 1225-1243.	4.9	33
13	Capacitated disassembly scheduling and pricing of returned products with price-dependent yield. <i>Omega</i> , 2019, 84, 160-174.	3.6	33
14	Permutation flowshop group scheduling with position-based learning effect. <i>Computers and Industrial Engineering</i> , 2016, 92, 1-15.	3.4	32
15	Energy efficient production planning and scheduling problem with processing technology selection. <i>Computers and Industrial Engineering</i> , 2019, 132, 260-270.	3.4	30
16	Optimal fixture design in peripheral milling of thin-walled workpiece. <i>International Journal of Advanced Manufacturing Technology</i> , 2006, 28, 653-658.	1.5	28
17	A Capacitated Facility Location Model with Bidirectional Flows. <i>Transportation Science</i> , 2015, 49, 114-129.	2.6	25
18	The efficiency, equity and effectiveness of location strategies in humanitarian logistics: A robust chance-constrained approach. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2021, 156, 102521.	3.7	25

#	ARTICLE	IF	CITATIONS
19	Minimizing the total completion time for parallel machine scheduling with job splitting and learning. <i>Computers and Industrial Engineering</i> , 2016, 97, 170-182.	3.4	24
20	Robust design of (s , S) inventory policy parameters in supply chains with demand and lead time uncertainties. <i>International Journal of Systems Science</i> , 2015, 46, 2258-2268.	3.7	23
21	Benders decomposition for the distributionally robust optimization of pricing and reverse logistics network design in remanufacturing systems. <i>European Journal of Operational Research</i> , 2022, 297, 496-510.	3.5	22
22	An integrated supply chain network design problem for bidirectional flows. <i>Expert Systems With Applications</i> , 2014, 41, 4298-4308.	4.4	19
23	Permutation flow shop scheduling problem to minimize nonlinear objective function with release dates. <i>Computers and Industrial Engineering</i> , 2017, 112, 336-347.	3.4	18
24	Trade-off between the costs and the fairness for a collaborative production planning problem in make-to-order manufacturing. <i>Computers and Industrial Engineering</i> , 2018, 126, 421-434.	3.4	17
25	A study on calibration of coefficients in end milling forces model. <i>International Journal of Advanced Manufacturing Technology</i> , 2005, 25, 652-662.	1.5	16
26	Collaborative production planning with production time windows and order splitting in make-to-order manufacturing. <i>Computers and Industrial Engineering</i> , 2014, 67, 1-9.	3.4	16
27	Open shop scheduling problem to minimize total weighted completion time. <i>Engineering Optimization</i> , 2017, 49, 98-112.	1.5	16
28	Supply chain network design with direct and indirect production costs: Hybrid gradient and local search based heuristics. <i>International Journal of Production Economics</i> , 2018, 203, 203-215.	5.1	15
29	On cutting forces in peripheral milling of curved surfaces. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2002, 216, 1385-1398.	1.5	14
30	A web-based machining parameter selection system for life cycle cost reduction and product quality enhancement. <i>Computers in Industry</i> , 2008, 59, 254-261.	5.7	14
31	Impact of the cannibalization effect between new and remanufactured products on supply chain design and operations. <i>IIE Transactions</i> , 2019, 51, 22-40.	1.6	14
32	Efficiency evaluation for allocating community-based health services. <i>Computers and Industrial Engineering</i> , 2013, 65, 395-401.	3.4	11
33	Scheduling with job-splitting considering learning and the vital-few law. <i>Computers and Operations Research</i> , 2018, 90, 264-274.	2.4	11
34	Chinese consumer responses to carbon labeling: evidence from experimental auctions. <i>Journal of Environmental Planning and Management</i> , 2018, 61, 2319-2337.	2.4	11
35	A two-stage ambiguous stochastic program for electric vehicle charging station location problem with valet charging service. <i>Transportation Research Part B: Methodological</i> , 2021, 153, 149-171.	2.8	11
36	Reliable closed-loop supply chain design problem under facility-type-dependent probabilistic disruptions. <i>Transportation Research Part B: Methodological</i> , 2021, 146, 180-209.	2.8	10

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37	A Cutting Force Model for a Waved-Edge End Milling Cutter. International Journal of Advanced Manufacturing Technology, 2003, 21, 403-410.	1.5	8
38	A DECISION SUPPORT SYSTEM FOR THE ALLOCATION OF YARD CRANES AND BLOCKS IN CONTAINER TERMINALS. Asia-Pacific Journal of Operational Research, 2011, 28, 803-829.	0.9	8
39	Asymptotic optimality of shortest processing time-based algorithms for flow shop and open shop problems with nonlinear objective functions. Engineering Optimization, 2014, 46, 1709-1728.	1.5	8
40	Low carbon economy and equitable society: production, supply chain, and operations management perspectives. Journal of Cleaner Production, 2016, 117, 7-9.	4.6	8
41	Robust design of a strategic network planning for photovoltaic module recycling considering reclaimed resource price uncertainty. IISE Transactions, 2019, 51, 691-708.	1.6	8
42	An estimation distribution algorithm for wave-picking warehouse management. Journal of Intelligent Manufacturing, 2022, 33, 929-942.	4.4	6
43	Competitive bi-agent flowshop scheduling to minimise the weighted combination of makespans. International Journal of Production Research, 2022, 60, 6750-6771.	4.9	6
44	Hierarchical Decomposition Approach for Crude Oil Scheduling: A SINOPEC Case. Interfaces, 2014, 44, 269-285.	1.6	5
45	An extended study on an open-shop scheduling problem using the minimisation of the sum of quadratic completion times. Applied Mathematics and Computation, 2014, 230, 238-247.	1.4	5
46	An investigation of cutting forces in horizontal-mode peripheral milling of curved surfaces. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2003, 217, 961-976.	1.5	4
47	Location, inventory and testing decisions in closed-loop supply chains: A multimedia company. IISE Transactions, 2019, 51, 41-56.	1.6	4
48	On the asymptotic optimality and improved strategies of SPTB heuristic for open-shop scheduling problem. International Journal of Systems Science, 2014, 45, 1657-1667.	3.7	3
49	The Assignment of Customers in Multi-depot Vehicle Routing Problem with Fleet Size Constraint for Each Depot. , 2007, , .		1
50	DECOMPOSITION ALGORITHMS FOR THE INTERVAL SCHEDULING PROBLEM. Asia-Pacific Journal of Operational Research, 2010, 27, 517-537.	0.9	1
51	Study on plan of track lines in marshalling station. , 2007, , .		0
52	Bi-ACO: A Tool for Solving Bi-Criteria Optimization. , 2007, , .		0
53	Spatial-based decomposition approach for the crude scheduling problem of a refinery with multiple ports and long-distance pipelines. , 2010, , .		0
54	An Outer Approximation Algorithm for Capacitated Disassembly Scheduling Problem with Parts Commonality and Random Demand. Springer Optimization and Its Applications, 2019, , 153-181.	0.6	0