

Guoqing Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

2,745
citations

218592

26
h-index

182361

51
g-index

71
all docs

71
docs citations

71
times ranked

1961
citing authors

#	ARTICLE	IF	CITATIONS
1	A multi-objective facility location model for closed-loop supply chain network under uncertain demand and return. <i>Applied Mathematical Modelling</i> , 2013, 37, 4165-4176.	2.2	354
2	An integrated model for closed-loop supply chain configuration and supplier selection: Multi-objective approach. <i>Expert Systems With Applications</i> , 2012, 39, 6782-6791.	4.4	269
3	Optimal production planning for a multi-product closed loop system with uncertain demand and return. <i>Computers and Operations Research</i> , 2011, 38, 641-650.	2.4	228
4	Supplier selection and order allocation based on fuzzy SWOT analysis and fuzzy linear programming. <i>Expert Systems With Applications</i> , 2011, 38, 334-342.	4.4	226
5	Effects of uncertainty on a tire closed-loop supply chain network. <i>Expert Systems With Applications</i> , 2017, 73, 82-91.	4.4	117
6	Optimal production and pricing policy for a closed loop system. <i>Resources, Conservation and Recycling</i> , 2011, 55, 639-647.	5.3	101
7	A three-stage model for closed-loop supply chain configuration under uncertainty. <i>International Journal of Production Research</i> , 2013, 51, 1405-1425.	4.9	93
8	The multi-product newsboy problem with supplier quantity discounts and a budget constraint. <i>European Journal of Operational Research</i> , 2010, 206, 350-360.	3.5	78
9	Configuring a manufacturing firm's supply network with multiple suppliers. <i>IIE Transactions</i> , 2002, 34, 663-677.	2.1	76
10	A proposed mathematical model for closed-loop network configuration based on product life cycle. <i>International Journal of Advanced Manufacturing Technology</i> , 2012, 58, 791-801.	1.5	74
11	Dual-channel warehouse and inventory management with stochastic demand. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2018, 112, 84-106.	3.7	74
12	Pricing policies for a dual-channel retailer with cross-channel returns. <i>Computers and Industrial Engineering</i> , 2018, 119, 63-75.	3.4	73
13	Optimal cross-channel return policy in dual-channel retailing systems. <i>International Journal of Production Economics</i> , 2019, 210, 184-198.	5.1	67
14	Efficient aircraft spare parts inventory management under demand uncertainty. <i>Journal of Air Transport Management</i> , 2015, 42, 101-109.	2.4	60
15	Coordinating production and recycling decisions with stochastic demand and return. <i>Journal of Systems Science and Systems Engineering</i> , 2010, 19, 385-407.	0.8	50
16	Optimal cyclic scheduling for printed circuit board production lines with multiple hoists and general processing sequence. <i>IEEE Transactions on Automation Science and Engineering</i> , 2003, 19, 480-484.	2.4	48
17	An integrated strategy for a production planning and warehouse layout problem: Modeling and solution approaches. <i>Omega</i> , 2017, 68, 85-94.	3.6	44
18	Smart supply chain management in Industry 4.0: the review, research agenda and strategies in North America. <i>Annals of Operations Research</i> , 2023, 322, 1075-1117.	2.6	44

#	ARTICLE	IF	CITATIONS
19	The Electric Vehicle Routing Problem With Time Windows and Multiple Recharging Options. IEEE Access, 2020, 8, 114864-114875.	2.6	43
20	Optimal acquisition policy with quantity discounts and uncertain demands. International Journal of Production Research, 2009, 47, 2409-2425.	4.9	41
21	Optimal configuration of remanufacturing supply network with return quality decision. International Journal of Production Research, 2016, 54, 1487-1502.	4.9	41
22	A distributionally robust optimization model for designing humanitarian relief network with resource reallocation. Soft Computing, 2020, 24, 2749-2767.	2.1	35
23	Multi-product budget-constrained acquisition and pricing with uncertain demand and supplier quantity discounts. International Journal of Production Economics, 2010, 128, 322-331.	5.1	33
24	A game theoretic model for coordination of single manufacturer and multiple suppliers with quality variations under uncertain demands. International Journal of Systems Science: Operations and Logistics, 2016, 3, 79-91.	2.0	32
25	Closed-loop supply chain network configuration by a multi-objective mathematical model. International Journal of Business Performance and Supply Chain Modelling, 2014, 6, 1.	0.2	31
26	Time consistent fuzzy multi-period rolling portfolio optimization with adaptive risk aversion factor. Journal of Ambient Intelligence and Humanized Computing, 2017, 8, 651-666.	3.3	27
27	Coordination of supply chain with a dominant retailer under government price regulation by revenue sharing contracts. Annals of Operations Research, 2017, 257, 587-612.	2.6	27
28	Jointly pricing and ordering for a multi-product multi-constraint newsvendor problem with supplier quantity discounts. Applied Mathematical Modelling, 2011, 35, 3001-3011.	2.2	26
29	A multi-objective distributionally robust model for sustainable last mile relief network design problem. Annals of Operations Research, 2022, 309, 689-730.	2.6	25
30	Integrated production planning and warehouse storage assignment problem: An IoT assisted case. International Journal of Production Economics, 2021, 234, 108058.	5.1	24
31	The healthcare supply location-inventory-routing problem: A robust approach. Transportation Research, Part E: Logistics and Transportation Review, 2022, 158, 102588.	3.7	24
32	Examining transportation disruption risk in supply chains: A case study from Bangladeshi pharmaceutical industry. Research in Transportation Business and Management, 2020, 37, 100485.	1.6	23
33	Configuring a manufacturing firm's supply network with multiple suppliers. IIE Transactions, 2002, 34, 663-677.	2.1	22
34	A bi-objective multi-period facility location problem for household e-waste collection. International Journal of Production Research, 2020, 58, 526-545.	4.9	21
35	Inventory strategy of the risk averse supplier and overconfident manufacturer with uncertain demand. International Journal of Production Economics, 2021, 234, 108066.	5.1	21
36	Optimal ordering and pricing policy with supplier quantity discounts and price-dependent stochastic demand. Optimization, 2012, 61, 151-162.	1.0	20

#	ARTICLE	IF	CITATIONS
37	A Lagrangian based solution algorithm for a build-to-order supply chain network design problem. <i>Advances in Engineering Software</i> , 2012, 49, 21-28.	1.8	15
38	Multi-period multi-product acquisition planning with uncertain demands and supplier quantity discounts. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2019, 132, 117-140.	3.7	15
39	Analysis of two substitute products newsvendor problem with a budget constraint. <i>Computers and Industrial Engineering</i> , 2020, 140, 106235.	3.4	14
40	A review of closed-loop supply chain models. <i>Journal of Data Information and Management</i> , 2020, 2, 279-307.	1.6	12
41	Multiportfolio optimization with CVaR risk measure. <i>Journal of Data Information and Management</i> , 2019, 1, 91-106.	1.6	9
42	A distributionally robust optimisation model for last mile relief network under mixed transport. <i>International Journal of Production Research</i> , 2022, 60, 1316-1340.	4.9	9
43	Supply planning for a closed-loop system with uncertain demand and return. <i>International Journal of Operational Research</i> , 2011, 10, 380.	0.1	8
44	Multi-echelon fulfillment warehouse rent and production allocation for online direct selling. <i>Annals of Operations Research</i> , 2021, 304, 427-451.	2.6	7
45	A New Theoretical Framework of Pyramid Markov Processes for Blockchain Selfish Mining. <i>Journal of Systems Science and Systems Engineering</i> , 2021, 30, 667-711.	0.8	7
46	Constrained optimization for bottleneck coarse tolling. <i>Transportation Research Part B: Methodological</i> , 2019, 128, 1-22.	2.8	6
47	Leasing or selling? The channel choice of durable goods manufacturer considering consumers's capital constraint. <i>Flexible Services and Manufacturing Journal</i> , 2022, 34, 317-350.	1.9	6
48	Pricing Decision for a Closed-Loop Supply Chain with Technology Licensing under Collection and Remanufacturing Cost Disruptions. <i>Sustainability</i> , 2022, 14, 3354.	1.6	6
49	The Complexity of Self-Regular Proximity Based Infeasible IPMs. <i>Computational Optimization and Applications</i> , 2006, 33, 157-185.	0.9	5
50	Configuring a supply network in the presence of volume discounts. <i>Journal of Manufacturing Systems</i> , 2008, 27, 77-83.	7.6	5
51	Analysis of quantity discounts for multi-period production planning for single supplier and retailer under uncertain demands. , 2014, , .		5
52	Scheduling of jobs with cross families in two stage manufacturing systems. <i>International Journal of Production Economics</i> , 2015, 167, 88-96.	5.1	5
53	Network design of a closed-loop supply chain with uncertain demand and return. , 2011, , .		4
54	Automotive Returnable Container Management with RFID:A Simulation Approach. <i>IFAC-PapersOnLine</i> , 2019, 52, 325-330.	0.5	3

#	ARTICLE	IF	CITATIONS
55	Design of optimal quantity discounts for multi-period bilevel production planning under uncertain demands. <i>Advances in Mechanical Engineering</i> , 2020, 12, 168781402090232.	0.8	3
56	Supply Planning for a Closed Loop Supply Chain with Uncertain Demand and Price-Dependent Stochastic Return. , 2009, , .		2
57	The impact of online reviews on pricing strategy and coordination in a two-period two-echelon supply chain. <i>Infor</i> , 2023, 61, 1-33.	0.5	2
58	Combining Acquisition Planning with Inventory Management Under Uncertain Demand. <i>Infor</i> , 2008, 46, 129-135.	0.5	1
59	Production planning problem with market impact under demand uncertainty. <i>Journal of Advanced Mechanical Design, Systems and Manufacturing</i> , 2017, 11, JAMDSM0019-JAMDSM0019.	0.3	1
60	Omni-channel strategy for an online retailer: considering experience service and shopping costs. <i>Infor</i> , 2020, , 1-25.	0.5	1
61	Pricing and matching for on-demand platform considering customer queuing and order cancellation. <i>Infor</i> , 0, , 1-39.	0.5	1
62	Optimal pricing strategy in a dual-channel supply chain: A two-period game analysis. <i>Journal of Industrial and Management Optimization</i> , 2023, 19, 2955-2985.	0.8	1
63	The newsvendor pricing problem with supplier discounts. , 2010, , .		0
64	Joint optimization of pricing and ordering for two substitute products with a budget constraint. , 2014, , .		0
65	Lagrangian Relaxation and Fix Heuristic for Integrated Production Planning and Warehouse Storage Allocation Problem under Demand Uncertainty. <i>Transactions of the Institute of Systems Control and Information Engineers</i> , 2015, 28, 91-98.	0.1	0
66	Strategy analysis of the producer considering product design and collection effort under take-back legislation. <i>Infor</i> , 2020, 58, 703-722.	0.5	0
67	Global Warehouse with Cross-Border Supply Chain. <i>Uncertainty and Operations Research</i> , 2021, , 51-57.	0.1	0
68	Research on a Preannounced Pricing Policy in a Two-Period Dual-Channel Supply Chain. <i>IFIP Advances in Information and Communication Technology</i> , 2021, , 543-549.	0.5	0
69	Demands and Sales Forecasting for Retailers by Analyzing Google Trends and Historical Data. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2021, , 89-110.	0.3	0
70	Productivity Modeling of Manufacturing Industry Using the Rough Analytic Hierarchy Process. , 2019, , 165-185.		0
71	Preface: Data-driven operations research in transportation and logistics. <i>Annals of Operations Research</i> , 0, , 1.	2.6	0