

Dong-Ping Song

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

2,802
citations

185998

28
h-index

189595

50
g-index

104
all docs

104
docs citations

104
times ranked

1356
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimizing fuel emissions by optimizing vessel schedules in liner shipping with uncertain port times. Transportation Research, Part E: Logistics and Transportation Review, 2012, 48, 863-880.	3.7	226
2	Ocean container transport in global supply chains: Overview and research opportunities. Transportation Research Part B: Methodological, 2017, 95, 442-474.	2.8	217
3	Green credit financing versus trade credit financing in a supply chain with carbon emission limits. European Journal of Operational Research, 2021, 292, 125-142.	3.5	208
4	Cargo routing and empty container repositioning in multiple shipping service routes. Transportation Research Part B: Methodological, 2012, 46, 1556-1575.	2.8	161
5	Container fleet sizing and empty repositioning in liner shipping systems. Transportation Research, Part E: Logistics and Transportation Review, 2009, 45, 860-877.	3.7	133
6	Selection of financing strategies with a risk-averse supplier in a capital-constrained supply chain. Transportation Research, Part E: Logistics and Transportation Review, 2018, 118, 163-183.	3.7	107
7	Long-haul liner service route design with ship deployment and empty container repositioning. Transportation Research Part B: Methodological, 2013, 55, 188-211.	2.8	92
8	On cost-efficiency of the global container shipping network. Maritime Policy and Management, 2005, 32, 15-30.	1.9	86
9	Empty container repositioning in liner shipping1. Maritime Policy and Management, 2009, 36, 291-307.	1.9	84
10	Modeling port competition from a transport chain perspective. Transportation Research, Part E: Logistics and Transportation Review, 2016, 87, 75-96.	3.7	78
11	Multi-objective optimization for planning liner shipping service with uncertain port times. Transportation Research, Part E: Logistics and Transportation Review, 2015, 84, 1-22.	3.7	76
12	Real-time schedule recovery in liner shipping service with regular uncertainties and disruption events. Transportation Research Part B: Methodological, 2016, 93, 762-788.	2.8	76
13	Effectiveness of an empty container repositioning policy with flexible destination ports. Transport Policy, 2011, 18, 92-101.	3.4	61
14	Risk analysis for container shipping: from a logistics perspective. International Journal of Logistics Management, 2015, 26, 147-171.	4.1	60
15	Effects of risk-aversion on competing shipping lines's pricing strategies with uncertain demands. Transportation Research Part B: Methodological, 2017, 104, 337-356.	2.8	56
16	Flow balancing-based empty container repositioning in typical shipping service routes. Maritime Economics and Logistics, 2011, 13, 61-77.	2.0	55
17	Integrated inventory management and supplier base reduction in a supply chain with multiple uncertainties. European Journal of Operational Research, 2014, 232, 522-536.	3.5	54
18	Optimal empty vehicle repositioning and fleet-sizing for two-depot service systems. European Journal of Operational Research, 2008, 185, 760-777.	3.5	53

#	ARTICLE	IF	CITATIONS
19	An analysis of safety and security risks in container shipping operations: A case study of Taiwan. <i>Safety Science</i> , 2014, 63, 168-178.	2.6	52
20	Empty Container Management in Cyclic Shipping Routes. <i>Maritime Economics and Logistics</i> , 2008, 10, 335-361.	2.0	49
21	Joint service capacity planning and dynamic container routing in shipping network with uncertain demands. <i>Transportation Research Part B: Methodological</i> , 2015, 78, 404-421.	2.8	47
22	A Fluid Flow Model for Empty Container Repositioning Policy with a Single Port and Stochastic Demand. <i>SIAM Journal on Control and Optimization</i> , 2010, 48, 3623-3642.	1.1	40
23	An operational activity-based method to estimate CO2 emissions from container shipping considering empty container repositioning. <i>Transportation Research, Part D: Transport and Environment</i> , 2012, 17, 91-96.	3.2	39
24	Optimal empty vehicle redistribution for hub-and-spoke transportation systems. <i>Naval Research Logistics</i> , 2008, 55, 156-171.	1.4	38
25	A Literature Review, Container Shipping Supply Chain: Planning Problems and Research Opportunities. <i>Logistics</i> , 2021, 5, 41.	2.4	38
26	Quantifying the effectiveness of VMI and integrated inventory management in a supply chain with uncertain lead-times and uncertain demands. <i>Production Planning and Control</i> , 2008, 19, 590-600.	5.8	35
27	The stochastic container relocation problem with flexible service policies. <i>Transportation Research Part B: Methodological</i> , 2020, 141, 116-163.	2.8	33
28	Distribution-free approach for stochastic Joint-Replenishment Problem with backorders-lost sales mixtures, and controllable major ordering cost and lead times. <i>Computers and Operations Research</i> , 2017, 79, 161-173.	2.4	32
29	Quantifying the impact of inland transport times on container fleet sizing in liner shipping services with uncertainties. <i>OR Spectrum</i> , 2012, 34, 155-180.	2.1	28
30	Empty Container Repositioning. <i>Profiles in Operations Research</i> , 2015, , 163-208.	0.3	28
31	Production and preventive maintenance control in a stochastic manufacturing system. <i>International Journal of Production Economics</i> , 2009, 119, 101-111.	5.1	25
32	CO ₂ Emission Comparison Between Direct and Feeder Liner Services: A Case Study of Asia-Europe Services Interfacing with the UK. <i>International Journal of Sustainable Transportation</i> , 2012, 6, 214-237.	2.1	25
33	Optimal planning for container prestaging, discharging, and loading processes at seaport rail terminals with uncertainty. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2018, 119, 88-109.	3.7	25
34	A continuous review, (Q, r) inventory model for a deteriorating item with random demand and positive lead time. <i>Computers and Operations Research</i> , 2019, 109, 102-121.	2.4	24
35	Optimal threshold control of empty vehicle redistribution in two depot service systems. <i>IEEE Transactions on Automatic Control</i> , 2005, 50, 87-90.	3.6	23
36	Optimal Integrated Ordering and Production Policy in a Supply Chain With Stochastic Lead-Time, Processing-Time, and Demand. <i>IEEE Transactions on Automatic Control</i> , 2009, 54, 2027-2041.	3.6	23

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37	Optimal Service Control of a Serial Production Line with Unreliable Workstations and Random Demand. <i>Automatica</i> , 1998, 34, 1047-1060.	3.0	19
38	Optimal Production and Backordering Policy in Failure-Prone Manufacturing Systems. <i>IEEE Transactions on Automatic Control</i> , 2006, 51, 906-911.	3.6	19
39	Lease term optimisation in container shipping systems. <i>International Journal of Logistics Research and Applications</i> , 2012, 15, 87-107.	5.6	18
40	Optimal control structure of an unreliable manufacturing system with random demands. <i>IEEE Transactions on Automatic Control</i> , 1999, 44, 619-622.	3.6	16
41	Smart stacking for import containers using customer information at automated container terminals. <i>European Journal of Operational Research</i> , 2022, 301, 502-522.	3.5	15
42	An ordinal optimization based evolution strategy to schedule complex make-to-order products. <i>International Journal of Production Research</i> , 2006, 44, 4877-4895.	4.9	14
43	Optimal Policy for Inventory Transfer Between Two Depots With Backlogging. <i>IEEE Transactions on Automatic Control</i> , 2012, 57, 3247-3252.	3.6	14
44	Optimal Control and Optimization of Stochastic Supply Chain Systems. <i>Advances in Industrial Control</i> , 2013, , .	0.4	13
45	Optimal CSR and Pricing Decisions With Risk-Averse Providers in a Competitive Shipping System. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 4959-4973.	5.9	13
46	Setting planned job release times in stochastic assembly systems with resource constraints. <i>International Journal of Production Research</i> , 2001, 39, 1289-1301.	4.9	12
47	Integrated vehicle fleet-sizing, leasing and dispatching policy in a shuttle service system. <i>International Journal of Logistics Research and Applications</i> , 2007, 10, 29-40.	5.6	12
48	Controlling lead times and minor ordering costs in the joint replenishment problem with stochastic demands under the class of cyclic policies. <i>International Transactions in Operational Research</i> , 2021, 28, 376-400.	1.8	12
49	A periodic review policy with quality improvement, setup cost reduction, backorder price discount, and controllable lead time. <i>Production and Manufacturing Research</i> , 2017, 5, 328-350.	0.9	11
50	Analysing consumer RP in a dual-channel supply chain with a risk-averse retailer. <i>European Journal of Industrial Engineering</i> , 2017, 11, 271.	0.5	11
51	The optimal green strategies for competitive ocean carriers under potential regulation. <i>European Journal of Operational Research</i> , 2022, 303, 840-856.	3.5	10
52	Tank Container Operators's™ profit maximization through dynamic operations planning integrated with the quotation-booking process under multiple uncertainties. <i>European Journal of Operational Research</i> , 2019, 274, 924-946.	3.5	9
53	Optimal hedging point control for a failure-prone manufacturing system. <i>International Journal of Systems Science</i> , 2001, 32, 681-688.	3.7	8
54	Multi-objective optimization for a liner shipping service from different perspectives. <i>Transportation Research Procedia</i> , 2017, 25, 251-260.	0.8	8

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55	Selection policy for a manufacturer's online channel: do it oneself or cooperate with retailers. IMA Journal of Management Mathematics, 2018, 29, 393-414.	1.1	8
56	Channel Structure Strategies of Supply Chains with Varying Green Cost and Governmental Interventions. Sustainability, 2020, 12, 113.	1.6	7
57	Environmental responsibility decisions of a supply chain under different channel leaderships. Environmental Technology and Innovation, 2022, 26, 102212.	3.0	7
58	Pipe flow modelling of container terminal logistics processes: a case study in Alexandria. International Journal of Logistics Research and Applications, 2015, 18, 168-187.	5.6	6
59	Integrated optimisation for production capacity, raw material ordering and production planning under time and quantity uncertainties based on two case studies. Operational Research, 2022, 22, 2343-2371.	1.3	6
60	Decentralized Supply Chain Decisions on Lead Time Quote and Pricing with a Risk-averse Supplier. Managerial and Decision Economics, 2017, 38, 565-580.	1.3	5
61	A review of the literature on the Belt and Road Initiative with factors influencing the transport and logistics. Maritime Policy and Management, 2022, 49, 540-557.	1.9	5
62	Optimal contract design for the exchange of tradable truck permits at multiterminal ports. International Journal of Production Economics, 2020, 230, 107815.	5.1	4
63	Gradient estimate for parameter design of threshold controllers in a failure-prone production system. International Journal of Systems Science, 1998, 29, 21-32.	3.7	3
64	Impact of dynamic information on empty container repositioning in a seaport with uncertainties. , 2009, , .		3
65	Integrating truck arrival management into tactical operation planning at container terminals. Polish Maritime Research, 2013, 20, 32-46.	0.6	3
66	Optimizing Supply Chain Performance. , 2015, , .		3
67	Efficient near-optimal procedures for some inventory models with backorders-lost sales mixture and controllable lead time, under continuous or periodic review. International Journal of Mathematics in Operational Research, 2018, 13, 141.	0.1	3
68	Optimal control of production-dependent failure-prone manufacturing systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1999, 32, 237-242.	0.4	2
69	Production and raw material ordering management for a manufacturing supply chain with uncertainties. , 2011, , .		2
70	Optimising replenishment policy in an integrated supply chain with controllable lead time and backorders-lost sales mixture. International Journal of Logistics Systems and Management, 2018, 29, 476.	0.2	2
71	Optimal Control of Supply Chains in More General Situations. Advances in Industrial Control, 2013, , 37-59.	0.4	2
72	Optimal Inventory Control for Empty Containers in a Port with Random Demands and Repositioning Delays. , 2011, , .		2

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73	Modelling Chinese Manufacturer Oriented Domestic and International Supply Chains with Uncertainties. , 2015, , 117-146.		1
74	Raw material release time control for complex make-to-order products with stochastic processing times. International Journal of Production Economics, 2006, 103, 371-385.	5.1	0
75	Production Control and Steady-State Performance Analysis for A Two-stage Manufacturing System with Finite Buffer Sizes. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 8339-8344.	0.4	0
76	Pricing Decisions in Two Competing Channels with a Risk-Averse Capacity-Constrained Carrier. , 2021, , 201-222.		0
77	Consumer Return Policy and Channel Conflict Management in a Dual-Channel Supply Chain with a Risk-Averse Retailer. , 2021, , 111-131.		0
78	Channel Selection in Dual-Channel Supply Chains. , 2021, , 23-45.		0
79	Financing Strategies in a Capital-Constrained Supply Chain with a Risk-Averse Supplier. , 2021, , 133-154.		0
80	Dual-Channel Supply Chains and Risk-Averse Behaviors. , 2021, , 1-21.		0
81	Optimal Control of Supply Chain Systems with Preventive Maintenance Decisions. Advances in Industrial Control, 2013, , 79-94.	0.4	0
82	Threshold-Type Control of Supply Chain Systems with Backordering Decisions. Advances in Industrial Control, 2013, , 149-161.	0.4	0
83	Optimal Control of Supply Chain Systems with Multiple Products. Advances in Industrial Control, 2013, , 111-129.	0.4	0
84	Optimization of Threshold Control Parameters via Simulation-Based Methods. Advances in Industrial Control, 2013, , 241-259.	0.4	0
85	Stochastic Supply Chain Systems. Advances in Industrial Control, 2013, , 1-9.	0.4	0
86	Threshold-Type Control of Supply Chain Systems with Multiple Products. Advances in Industrial Control, 2013, , 201-223.	0.4	0
87	Optimization of Threshold Control Parameters via Numerical Methods. Advances in Industrial Control, 2013, , 225-239.	0.4	0
88	Threshold-Type Control of Supply Chain Systems with Assembly Operations. Advances in Industrial Control, 2013, , 185-200.	0.4	0
89	Optimal Control of Supply Chain Systems with Backordering Decisions. Advances in Industrial Control, 2013, , 61-77.	0.4	0
90	Optimal Control of Basic Integrated Supply Chains. Advances in Industrial Control, 2013, , 11-35.	0.4	0