

Wei Deng Solvang

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

882
citations

840119

11
h-index

794141

19
g-index

57
all docs

57
docs citations

57
times ranked

828
citing authors

#	ARTICLE	IF	CITATIONS
1	Reverse Logistics Network Design for Effective Management of Medical Waste in Epidemic Outbreaks: Insights from the Coronavirus Disease 2019 (COVID-19) Outbreak in Wuhan (China). International Journal of Environmental Research and Public Health, 2020, 17, 1770.	1.2	228
2	A general reverse logistics network design model for product reuse and recycling with environmental considerations. International Journal of Advanced Manufacturing Technology, 2016, 87, 2693-2711.	1.5	69
3	A carbon-constrained stochastic optimization model with augmented multi-criteria scenario-based risk-averse solution for reverse logistics network design under uncertainty. Journal of Cleaner Production, 2017, 164, 1248-1267.	4.6	68
4	Incorporating flexible capacity in the planning of a multi-product multi-echelon sustainable reverse logistics network under uncertainty. Journal of Cleaner Production, 2018, 198, 285-303.	4.6	63
5	An Improved Multi-Objective Programming with Augmented $\hat{\mu}$ -Constraint Method for Hazardous Waste Location-Routing Problems. International Journal of Environmental Research and Public Health, 2016, 13, 548.	1.2	59
6	A fuzzy-stochastic multi-objective model for sustainable planning of a closed-loop supply chain considering mixed uncertainty and network flexibility. Journal of Cleaner Production, 2020, 266, 121702.	4.6	56
7	A stochastic network design problem for hazardous waste management. Journal of Cleaner Production, 2020, 277, 123566.	4.6	52
8	The application of Industry 4.0 technologies in sustainable logistics: a systematic literature review (2012-2020) to explore future research opportunities. Environmental Science and Pollution Research, 2022, 29, 9560-9591.	2.7	46
9	A Stochastic Programming Approach with Improved Multi-Criteria Scenario-Based Solution Method for Sustainable Reverse Logistics Design of Waste Electrical and Electronic Equipment (WEEE). Sustainability, 2016, 8, 1331.	1.6	42
10	A multi-objective location-allocation optimization for sustainable management of municipal solid waste. Environment Systems and Decisions, 2017, 37, 289-308.	1.9	33
11	Enhancing the competitiveness of manufacturers through Small-scale Intelligent Manufacturing System (SIMS): A supply chain perspective. , 2017, , .		14
12	Reverse Logistics Network Design for Effective Management of Medical Waste in Epidemic Outbreak: Insights from the Coronavirus Disease 2019 (COVID-19) in Wuhan. SSRN Electronic Journal, 0, , .	0.4	14
13	A decision aided system for sustainable waste management. Intelligent Decision Technologies, 2014, 9, 29-40.	0.6	12
14	RFID communication in container ports. , 2012, , .		10
15	An online approach for distributor benchmarking. Benchmarking, 2004, 11, 385-402.	2.9	8
16	A Framework for Holistic Greening of Value Chains. , 2006, , 350-355.		7
17	An introduction of small-scale intelligent manufacturing system. , 2016, , .		7
18	Integrating Additive Manufacturing into a Virtual Industry 4.0 Factory. Lecture Notes in Electrical Engineering, 2021, , 587-594.	0.3	7

#	ARTICLE	IF	CITATIONS
19	Solving the Location Problem of Printers in a University Campus Using p-Median Location Model and AnyLogic Simulation. Lecture Notes in Electrical Engineering, 2020, , 577-584.	0.3	7
20	Developing a Toolbox of supports for small and medium sized manufacturing companies. , 2016, , .		6
21	Challenges of Industry 4.0 in SME businesses. , 2020, , .		6
22	A reverse logistics network design model for sustainable treatment of multi-sourced Waste of Electrical and Electronic Equipment (WEEE). , 2013, , .		5
23	Design of a robotic arm for automatic cleaning of cargo containers. , 2013, , .		5
24	Improving Accessibility and Efficiency of Service Facility through Location-Based Approach: A Case Study at Narvik University College. Advanced Materials Research, 0, 1039, 593-602.	0.3	5
25	SMEs' challenges and needs in relation to innovation agendas and strategies. , 2016, , .		5
26	Solving a Real-World Urban Postal Service System Redesign Problem. Scientific Programming, 2021, 2021, 1-17.	0.5	5
27	A new two-stage stochastic model for reverse logistics network design under government subsidy and low-carbon emission requirement. , 2017, , .		4
28	Innovations & industrial internet: Research for regional growth and competitiveness. , 2018, , .		4
29	An Introduction of the Role of Virtual Technologies and Digital Twin in Industry 4.0. Lecture Notes in Electrical Engineering, 2020, , 258-266.	0.3	4
30	Developing automated and integrated flexible manufacturing system. , 2014, , .		3
31	An integrated optimization model for single-product supply chain network design considering supplier selection. , 2014, , .		3
32	Industry 4.0 and Sustainable Supply Chain Management. Lecture Notes in Electrical Engineering, 2021, , 595-604.	0.3	3
33	Increasing Eco-efficiency through Holistic Green Supply Chain Management. , 2008, , .		2
34	Container ports sustainability - a literature review. , 2013, , .		2
35	A decision support system for establishing a waste treatment plant for recycling organic waste into bio-energy in Northern Norway. , 2013, , .		2
36	A Value Chain Analysis for Bioenergy Production from Biomass and Biodegradable Waste: A Case Study in Northern Norway. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
37	Location-based analysis and optimization of service network performance: A case study. , 2018, , .		2
38	A Simulation-Based Approach for Improving the Performance of a Manufacturing System. , 2021, , .		2
39	Proactive Learning for Intelligent Maintenance in Industry 4.0. Lecture Notes in Electrical Engineering, 2020, , 250-257.	0.3	2
40	Logistics network in sparsely populated area - A case of logistics network between Southern and Northern parts of Norway with Narvik as conjunction point. , 2008, , .		1
41	Study on fuzzy comprehensive evaluation of rural house energy-saving renovation demonstration effects. , 2011, , .		1
42	Understanding cognitive aspects in measuring flexibility of a manufacturing supply chain. , 2012, , .		1
43	RFID-based communication in container ports. Intelligent Decision Technologies, 2014, 9, 3-16.	0.6	1
44	CFD aided cognitive capabilities for analyzing snowdrift development around a porous fence. , 2014, , .		1
45	A decision-support model for operational planning of surface coal mining considering equipment failure. , 2016, , .		1
46	Improving the Decision-Making of Reverse Logistics Network Design Part I: A MILP Model Under Stochastic Environment. Lecture Notes in Electrical Engineering, 2018, , 431-438.	0.3	1
47	A Comparison of Two Location Models in Optimizing the Decision-making on the Relocation Problem of Post Offices at Narvik, Norway. , 2018, , .		1
48	Benefit Analysis of the Energy Saving Reconstruction of the Office Building in Chagan Hada. Applied Mechanics and Materials, 2011, 71-78, 4976-4980.	0.2	0
49	Study on the demonstration effect evaluation indicator system of rural house energy-saving renovation. , 2011, , .		0
50	A scheduling approach for ship design project with fields constraint in tasks and human resources. , 2014, , .		0
51	A case of ship design tasks assignment and optimization. , 2014, , .		0
52	Strategic Operations Management in Healthcare: A Reference Model for Cardiac Rehabilitation. Springer Proceedings in Mathematics and Statistics, 2017, , 37-47.	0.1	0
53	A trade-off model for green supply chain design: An efficiency-versus-emission analysis. , 2018, , .		0
54	Improving the Decision-Making of Reverse Logistics Network Design Part II: An Improved Scenario-Based Solution Method and Numerical Experimentation. Lecture Notes in Electrical Engineering, 2018, , 421-429.	0.3	0

#	ARTICLE	IF	CITATIONS
55	An Improved Bi-Objective Stochastic Model with SAA-based Solution Method for Reverse Logistics Design of Hazardous Materials. , 2019, , .		0
56	A Stochastic Closed-Loop Supply Chain Network Optimization Problem Considering Flexible Network Capacity. Lecture Notes in Electrical Engineering, 2020, , 567-576.	0.3	0