

Vedat Verter

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

4,162
citations

117453

34
h-index

114278

63
g-index

87
all docs

87
docs citations

87
times ranked

2621
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling of Transport Risk for Hazardous Materials. <i>Operations Research</i> , 1998, 46, 625-642.	1.2	280
2	Multi-period reverse logistics network design. <i>European Journal of Operational Research</i> , 2012, 220, 67-78.	3.5	260
3	Designing a Road Network for Hazardous Materials Transportation. <i>Transportation Science</i> , 2004, 38, 188-196.	2.6	257
4	The effect of categorizing returned products in remanufacturing. <i>IIE Transactions</i> , 2004, 36, 319-331.	2.1	172
5	Location of Preventive Health Care Facilities. <i>Annals of Operations Research</i> , 2002, 110, 123-132.	2.6	133
6	Chapter 9 Hazardous Materials Transportation. <i>Handbooks in Operations Research and Management Science</i> , 2007, 14, 539-621.	0.6	132
7	An Analysis of Monopolistic and Competitive Take-Back Schemes for WEEE Recycling. <i>Production and Operations Management</i> , 2011, 20, 805-823.	2.1	121
8	Retail-collection network design under deposit-refund. <i>Computers and Operations Research</i> , 2007, 34, 324-345.	2.4	120
9	A bi-objective model for planning and managing rail-truck intermodal transportation of hazardous materials. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2012, 48, 132-149.	3.7	117
10	Incorporating congestion in preventive healthcare facility network design. <i>European Journal of Operational Research</i> , 2009, 198, 922-935.	3.5	116
11	Product Reuse in Innovative Industries. <i>Production and Operations Management</i> , 2013, 22, 1011-1033.	2.1	114
12	A continuous model for production-distribution system design. <i>European Journal of Operational Research</i> , 2001, 129, 287-298.	3.5	110
13	A Path-Based Approach for Hazmat Transport Network Design. <i>Management Science</i> , 2008, 54, 29-40.	2.4	108
14	Railroad transportation of dangerous goods: Population exposure to airborne toxins. <i>Computers and Operations Research</i> , 2007, 34, 1287-1303.	2.4	105
15	A lead-time based approach for planning rail-truck intermodal transportation of dangerous goods. <i>European Journal of Operational Research</i> , 2010, 202, 696-706.	3.5	99
16	Coordination and Priority Decisions in Hybrid Manufacturing/Remanufacturing Systems. <i>Production and Operations Management</i> , 2006, 15, 528-543.	2.1	96
17	A GIS-Based Framework for Hazardous Materials Transport Risk Assessment. <i>Risk Analysis</i> , 2001, 21, 1109-1120.	1.5	94
18	An integrated evaluation of facility location, capacity acquisition, and technology selection for designing global manufacturing strategies. <i>European Journal of Operational Research</i> , 1992, 60, 1-18.	3.5	91

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19	A Framework for Hazardous Materials Transport Risk Assessment. <i>Risk Analysis</i> , 1995, 15, 589-601.	1.5	90
20	The impact of client choice on preventive healthcare facility network design. <i>OR Spectrum</i> , 2012, 34, 349-370.	2.1	89
21	Investing in reusability of products of uncertain remanufacturing cost: The role of inspection capabilities. <i>International Journal of Production Economics</i> , 2012, 140, 385-395.	5.1	85
22	A bilevel model for preventive healthcare facility network design with congestion. <i>IIE Transactions</i> , 2010, 42, 865-880.	2.1	84
23	Designing emergency response networks for hazardous materials transportation. <i>Computers and Operations Research</i> , 2007, 34, 1374-1388.	2.4	81
24	Toll Policies for Mitigating Hazardous Materials Transport Risk. <i>Transportation Science</i> , 2009, 43, 228-243.	2.6	81
25	A bi-objective model for the used oil location-routing problem. <i>Computers and Operations Research</i> , 2015, 62, 157-168.	2.4	77
26	Facility location and capacity acquisition: An integrated approach. <i>Naval Research Logistics</i> , 1995, 42, 1141-1160.	1.4	63
27	A Tactical Planning Model for Railroad Transportation of Dangerous Goods. <i>Transportation Science</i> , 2011, 45, 163-174.	2.6	63
28	Supply chain design for unlocking the value of remanufacturing under uncertainty. <i>European Journal of Operational Research</i> , 2015, 247, 804-819.	3.5	61
29	Did Europe Move in the Right Direction on E-waste Legislation?. <i>Production and Operations Management</i> , 2019, 28, 121-139.	2.1	54
30	Strategic supply chain decisions under environmental regulations: When to invest in end-of-pipe and green technology. <i>European Journal of Operational Research</i> , 2020, 283, 601-613.	3.5	53
31	The plant location and flexible technology acquisition problem. <i>European Journal of Operational Research</i> , 2002, 136, 366-382.	3.5	52
32	A continuous analysis framework for the solution of location-allocation problems with dense demand. <i>Computers and Operations Research</i> , 2010, 37, 123-136.	2.4	48
33	Transport Mode Selection for Toxic Gases: Rail or Road?. <i>Risk Analysis</i> , 2014, 34, 168-186.	1.5	47
34	Matching patient and physician preferences in designing a primary care facility network. <i>Journal of the Operational Research Society</i> , 2014, 65, 483-496.	2.1	44
35	Facility location and capacity acquisition under carbon tax and emissions limits: To centralize or to decentralize?. <i>International Journal of Production Economics</i> , 2017, 187, 126-141.	5.1	36
36	An Analytical Framework for Designing Community-Based Care for Chronic Diseases. <i>Production and Operations Management</i> , 2011, 20, 474-488.	2.1	33

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37	An integrated model for facility location and technology acquisition. Computers and Operations Research, 2002, 29, 583-592.	2.4	30
38	Managing Patient Admissions in a Neurology Ward. Operations Research, 2017, 65, 635-656.	1.2	26
39	Predicting the need for CT imaging in children with minor head injury using an ensemble of Naive Bayes classifiers. Artificial Intelligence in Medicine, 2012, 54, 163-170.	3.8	25
40	Maximal Accessibility Network Design in the Public Sector. Transportation Science, 2016, 50, 336-347.	2.6	25
41	The plant location and technology acquisition problem. IIE Transactions, 2001, 33, 963-973.	2.1	22
42	Designing Personalized Treatment: An Application to Anticoagulation Therapy. Production and Operations Management, 2016, 25, 902-918.	2.1	22
43	The pandemic and SME supply chains: Learning from early experiences of SME suppliers in the U.S. defense industry. Journal of Purchasing and Supply Management, 2021, 27, 100714.	3.1	21
44	Incorporating Insurance Costs in Hazardous Materials Routing Models. Transportation Science, 1997, 31, 227-236.	2.6	19
45	Incorporating the threat of terrorist attacks in the design of public service facility networks. Optimization Letters, 2012, 6, 1101-1121.	0.9	19
46	Integrated fleet mix and routing decision for hazmat transportation: A developing country perspective. European Journal of Operational Research, 2018, 264, 225-238.	3.5	19
47	A multi-dimensional shooting algorithm for the two-facility location-allocation problem with dense demand. Computers and Operations Research, 2011, 38, 450-463.	2.4	18
48	Designing Risk-Adjusted Therapy for Patients with Hypertension. Production and Operations Management, 2018, 27, 2291-2312.	2.1	18
49	The In-Hospital Interval: A Description of EMT Time Spent in the Emergency Department. Prehospital Emergency Care, 2006, 10, 378-382.	1.0	17
50	The Plant Location and Technology Acquisition Problem. IIE Transactions, 2001, 33, 963-974.	2.1	16
51	Impact of train makeup on hazmat risk in a transport corridor. Journal of Transportation Safety and Security, 2017, 9, 167-194.	1.1	16
52	An integrated framework for inventory management and transportation of refined petroleum products: Pipeline or marine?. Applied Mathematical Modelling, 2018, 55, 224-247.	2.2	14
53	Patient-centric design of long-term care networks. Health Care Management Science, 2019, 22, 376-390.	1.5	14
54	Primary care network development: the regulator's perspective. Journal of the Operational Research Society, 2015, 66, 1519-1532.	2.1	13

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55	Decision support models for managing food aid supply chains: A systematic literature review. <i>Socio-Economic Planning Sciences</i> , 2022, 82, 101255.	2.5	13
56	Food Aid Modality Selection Problem. <i>Production and Operations Management</i> , 2021, 30, 965-983.	2.1	12
57	A rough-cut approach for evaluating location-routing decisions via approximation algorithms. <i>Transportation Research Part B: Methodological</i> , 2016, 87, 89-106.	2.8	10
58	Performance Approximation of Emergency Service Systems with Priorities and Partial Backups. <i>Transportation Science</i> , 2018, 52, 1235-1252.	2.6	9
59	Evaluation of Plant Focus Strategies: A Continuous Approximation Framework. <i>Annals of Operations Research</i> , 2005, 136, 303-327.	2.6	7
60	Improving post-stroke health outcomes: Can facilitated care help?. <i>Health Policy</i> , 2009, 93, 180-187.	1.4	7
61	A global shooting algorithm for the facility location and capacity acquisition problem on a line with dense demand. <i>Computers and Operations Research</i> , 2016, 71, 1-15.	2.4	7
62	Designing distribution systems with reverse flows. <i>Journal of Remanufacturing</i> , 2017, 7, 113-137.	1.6	7
63	Surgical Scheduling with Constrained Patient Waiting Times. <i>Production and Operations Management</i> , 2021, 30, 3253-3271.	2.1	7
64	Restructuring the resident training system for improving the equity of access to primary care. <i>European Journal of Operational Research</i> , 2017, 258, 1143-1155.	3.5	5
65	Designing a rural network of dialysis facilities. <i>European Journal of Operational Research</i> , 2020, 282, 1088-1100.	3.5	5
66	Pipeline transportation of crude oil in Canada: Environmental risk assessment using modified diffusion models. <i>Human and Ecological Risk Assessment (HERA)</i> , 2021, 27, 1206-1226.	1.7	5
67	An Expected Risk Model for Rail Transport of Hazardous Materials. <i>NATO Science for Peace and Security Series C: Environmental Security</i> , 2012, , 207-226.	0.1	5
68	The impact of specialization of hospitals on patient access to care; a queuing analysis with an application to a neurological hospital. <i>Health Care Management Science</i> , 2019, 22, 709-726.	1.5	4
69	Railroad Transportation of Hazardous Materials: Models for Risk Assessment and Management. <i>Profiles in Operations Research</i> , 2013, , 9-47.	0.3	4
70	Estimating causal effects with optimization-based methods: A review and empirical comparison. <i>European Journal of Operational Research</i> , 2023, 304, 367-380.	3.5	4
71	Location Models for Preventive Care. <i>Profiles in Operations Research</i> , 2015, , 223-241.	0.3	3
72	Design for Reusability and Product Reuse Under Radical Innovation. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2

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73	Separation and Normalization in Multi-Attribute Decision Models for Investment Evaluation. <i>Engineering Economist</i> , 1991, 37, 77-85.	0.3	1
74	A Bi-Objective Model for the Used Oil Location-Routing Problem. <i>SSRN Electronic Journal</i> , 2014, , .	0.4	0
75	Editorial: Passing the SEPS torch. <i>Socio-Economic Planning Sciences</i> , 2020, 72, 100970.	2.5	0
76	Specialist care in rural hospitals: From Emergency Department consultation to hospital discharge. <i>IJSE Transactions</i> , 2021, 53, 375-388.	1.6	0
77	Improving Transportation Procurement in the Humanitarian Sector: A Data-driven Approach for Abnormally Low Bid Detection. <i>Production and Operations Management</i> , 2021, 30, 1082-1109.	2.1	0
78	Daily capacity management for hospitals: a Brazilian case study. <i>International Journal of Services and Operations Management</i> , 2017, 27, 102.	0.1	0
79	On the significance of reducing the need for stroke patients to visit the emergency department. <i>Clinical and Investigative Medicine</i> , 2005, 28, 371-3.	0.3	0