

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	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
2	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
3	Specialist care in rural hospitals: From Emergency Department consultation to hospital discharge. <i>IIE Transactions</i> , 2021, 53, 375-388.	1.6	0
4	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
5	Food Aid Modality Selection Problem. <i>Production and Operations Management</i> , 2021, 30, 965-983.	2.1	12
6	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
7	Surgical Scheduling with Constrained Patient Waiting Times. <i>Production and Operations Management</i> , 2021, 30, 3253-3271.	2.1	7
8	The pandemic and SME supply chains: Learning from early experiences of SME suppliers in the U.S. defense industry. <i>Journal of Purchasing and Supply Management</i> , 2021, 27, 100714.	3.1	21
9	Designing a rural network of dialysis facilities. <i>European Journal of Operational Research</i> , 2020, 282, 1088-1100.	3.5	5
10	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
11	Editorial: Passing the SEPS torch. <i>Socio-Economic Planning Sciences</i> , 2020, 72, 100970.	2.5	0
12	Patient-centric design of long-term care networks. <i>Health Care Management Science</i> , 2019, 22, 376-390.	1.5	14
13	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
14	Did Europe Move in the Right Direction on E-waste Legislation?. <i>Production and Operations Management</i> , 2019, 28, 121-139.	2.1	54
15	Designing Risk-adjusted Therapy for Patients with Hypertension. <i>Production and Operations Management</i> , 2018, 27, 2291-2312.	2.1	18
16	Integrated fleet mix and routing decision for hazmat transportation: A developing country perspective. <i>European Journal of Operational Research</i> , 2018, 264, 225-238.	3.5	19
17	An integrated framework for inventory management and transportation of refined petroleum products: Pipeline or marine?. <i>Applied Mathematical Modelling</i> , 2018, 55, 224-247.	2.2	14
18	Performance Approximation of Emergency Service Systems with Priorities and Partial Backups. <i>Transportation Science</i> , 2018, 52, 1235-1252.	2.6	9

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19	Impact of train makeup on hazmat risk in a transport corridor. <i>Journal of Transportation Safety and Security</i> , 2017, 9, 167-194.	1.1	16
20	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
21	Managing Patient Admissions in a Neurology Ward. <i>Operations Research</i> , 2017, 65, 635-656.	1.2	26
22	Designing distribution systems with reverse flows. <i>Journal of Remanufacturing</i> , 2017, 7, 113-137.	1.6	7
23	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
24	Daily capacity management for hospitals: a Brazilian case study. <i>International Journal of Services and Operations Management</i> , 2017, 27, 102.	0.1	0
25	Designing Personalized Treatment: An Application to Anticoagulation Therapy. <i>Production and Operations Management</i> , 2016, 25, 902-918.	2.1	22
26	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
27	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
28	Maximal Accessibility Network Design in the Public Sector. <i>Transportation Science</i> , 2016, 50, 336-347.	2.6	25
29	Location Models for Preventive Care. <i>Profiles in Operations Research</i> , 2015, , 223-241.	0.3	3
30	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
31	Primary care network development: the regulator's perspective. <i>Journal of the Operational Research Society</i> , 2015, 66, 1519-1532.	2.1	13
32	A bi-objective model for the used oil location-routing problem. <i>Computers and Operations Research</i> , 2015, 62, 157-168.	2.4	77
33	A Bi-Objective Model for the Used Oil Location-Routing Problem. <i>SSRN Electronic Journal</i> , 2014, , .	0.4	0
34	Transport Mode Selection for Toxic Gases: Rail or Road?. <i>Risk Analysis</i> , 2014, 34, 168-186.	1.5	47
35	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
36	Product Reuse in Innovative Industries. <i>Production and Operations Management</i> , 2013, 22, 1011-1033.	2.1	114

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37	Railroad Transportation of Hazardous Materials: Models for Risk Assessment and Management. Profiles in Operations Research, 2013, , 9-47.	0.3	4
38	A bi-objective model for planning and managing rail-truck intermodal transportation of hazardous materials. Transportation Research, Part E: Logistics and Transportation Review, 2012, 48, 132-149.	3.7	117
39	Incorporating the threat of terrorist attacks in the design of public service facility networks. Optimization Letters, 2012, 6, 1101-1121.	0.9	19
40	Investing in reusability of products of uncertain remanufacturing cost: The role of inspection capabilities. International Journal of Production Economics, 2012, 140, 385-395.	5.1	85
41	The impact of client choice on preventive healthcare facility network design. OR Spectrum, 2012, 34, 349-370.	2.1	89
42	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
43	Multi-period reverse logistics network design. European Journal of Operational Research, 2012, 220, 67-78.	3.5	260
44	An Expected Risk Model for Rail Transport of Hazardous Materials. NATO Science for Peace and Security Series C: Environmental Security, 2012, , 207-226.	0.1	5
45	An Analysis of Monopolistic and Competitive Take-Back Schemes for WEEE Recycling. Production and Operations Management, 2011, 20, 805-823.	2.1	121
46	An Analytical Framework for Designing Community-Based Care for Chronic Diseases. Production and Operations Management, 2011, 20, 474-488.	2.1	33
47	A Tactical Planning Model for Railroad Transportation of Dangerous Goods. Transportation Science, 2011, 45, 163-174.	2.6	63
48	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
49	A continuous analysis framework for the solution of location-allocation problems with dense demand. Computers and Operations Research, 2010, 37, 123-136.	2.4	48
50	A lead-time based approach for planning rail-truck intermodal transportation of dangerous goods. European Journal of Operational Research, 2010, 202, 696-706.	3.5	99
51	A bilevel model for preventive healthcare facility network design with congestion. IIE Transactions, 2010, 42, 865-880.	2.1	84
52	Toll Policies for Mitigating Hazardous Materials Transport Risk. Transportation Science, 2009, 43, 228-243.	2.6	81
53	Incorporating congestion in preventive healthcare facility network design. European Journal of Operational Research, 2009, 198, 922-935.	3.5	116
54	Improving post-stroke health outcomes: Can facilitated care help?. Health Policy, 2009, 93, 180-187.	1.4	7

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55	A Path-Based Approach for Hazmat Transport Network Design. <i>Management Science</i> , 2008, 54, 29-40.	2.4	108
56	Chapter 9 Hazardous Materials Transportation. <i>Handbooks in Operations Research and Management Science</i> , 2007, 14, 539-621.	0.6	132
57	Retail "collection network design under deposit" refund. <i>Computers and Operations Research</i> , 2007, 34, 324-345.	2.4	120
58	Railroad transportation of dangerous goods: Population exposure to airborne toxins. <i>Computers and Operations Research</i> , 2007, 34, 1287-1303.	2.4	105
59	Designing emergency response networks for hazardous materials transportation. <i>Computers and Operations Research</i> , 2007, 34, 1374-1388.	2.4	81
60	The In-Hospital Interval: A Description of EMT Time Spent in the Emergency Department. <i>Prehospital Emergency Care</i> , 2006, 10, 378-382.	1.0	17
61	Coordination and Priority Decisions in Hybrid Manufacturing/Remanufacturing Systems. <i>Production and Operations Management</i> , 2006, 15, 528-543.	2.1	96
62	Evaluation of Plant Focus Strategies: A Continuous Approximation Framework. <i>Annals of Operations Research</i> , 2005, 136, 303-327.	2.6	7
63	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
64	The effect of categorizing returned products in remanufacturing. <i>IIE Transactions</i> , 2004, 36, 319-331.	2.1	172
65	Designing a Road Network for Hazardous Materials Transportation. <i>Transportation Science</i> , 2004, 38, 188-196.	2.6	257
66	The plant location and flexible technology acquisition problem. <i>European Journal of Operational Research</i> , 2002, 136, 366-382.	3.5	52
67	An integrated model for facility location and technology acquisition. <i>Computers and Operations Research</i> , 2002, 29, 583-592.	2.4	30
68	Location of Preventive Health Care Facilities. <i>Annals of Operations Research</i> , 2002, 110, 123-132.	2.6	133
69	The plant location and technology acquisition problem. <i>IIE Transactions</i> , 2001, 33, 963-973.	2.1	22
70	A continuous model for production "distribution system design. <i>European Journal of Operational Research</i> , 2001, 129, 287-298.	3.5	110
71	The Plant Location and Technology Acquisition Problem. <i>IIE Transactions</i> , 2001, 33, 963-974.	2.1	16
72	A GIS-Based Framework for Hazardous Materials Transport Risk Assessment. <i>Risk Analysis</i> , 2001, 21, 1109-1120.	1.5	94

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73	Modeling of Transport Risk for Hazardous Materials. <i>Operations Research</i> , 1998, 46, 625-642.	1.2	280
74	Incorporating Insurance Costs in Hazardous Materials Routing Models. <i>Transportation Science</i> , 1997, 31, 227-236.	2.6	19
75	Facility location and capacity acquisition: An integrated approach. <i>Naval Research Logistics</i> , 1995, 42, 1141-1160.	1.4	63
76	A Framework for Hazardous Materials Transport Risk Assessment. <i>Risk Analysis</i> , 1995, 15, 589-601.	1.5	90
77	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
78	Separation and Normalization in Multi-Attribute Decision Models for Investment Evaluation. <i>Engineering Economist</i> , 1991, 37, 77-85.	0.3	1
79	Design for Reusability and Product Reuse Under Radical Innovation. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2