Vedat Verter

List of Publications by Year
in descending order

79 papers	4,162 citations	117625 34 h-index	114465 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. European Journal of Operational Research, 2023, 304, 367-380.	5.7	4
2	Decision support models for managing food aid supply chains: A systematic literature review. Socio-Economic Planning Sciences, 2022, 82, 101255.	5.0	13
3	Specialist care in rural hospitals: From Emergency Department consultation to hospital discharge. IISE Transactions, 2021, 53, 375-388.	2.4	0
4	Improving Transportation Procurement in the Humanitarian Sector: A Dataâ€driven Approach for Abnormally Low Bid Detection. Production and Operations Management, 2021, 30, 1082-1109.	3.8	0
5	Food Aid Modality Selection Problem. Production and Operations Management, 2021, 30, 965-983.	3.8	12
6	Pipeline transportation of crude oil in Canada: Environmental risk assessment using modified diffusion models. Human and Ecological Risk Assessment (HERA), 2021, 27, 1206-1226.	3.4	5
7	Surgical Scheduling with Constrained Patient Waiting Times. Production and Operations Management, 2021, 30, 3253-3271.	3.8	7
8	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.	5.7	21
9	Designing a rural network of dialysis facilities. European Journal of Operational Research, 2020, 282, 1088-1100.	5.7	5
10	Strategic supply chain decisions under environmental regulations: When to invest in end-of-pipe and green technology. European Journal of Operational Research, 2020, 283, 601-613.	5.7	53
11	Editorial: Passing the SEPS torch. Socio-Economic Planning Sciences, 2020, 72, 100970.	5.0	0
12	Patient-centric design of long-term care networks. Health Care Management Science, 2019, 22, 376-390.	2.6	14
13	The impact of specialization of hospitals on patient access to care; a queuing analysis with an application to a neurological hospital. Health Care Management Science, 2019, 22, 709-726.	2.6	4
14	Did Europe Move in the Right Direction on Eâ€waste Legislation?. Production and Operations Management, 2019, 28, 121-139.	3.8	54
15	Designing Riskâ€Adjusted Therapy for Patients with Hypertension. Production and Operations Management, 2018, 27, 2291-2312.	3.8	18
16	Integrated fleet mix and routing decision for hazmat transportation: A developing country perspective. European Journal of Operational Research, 2018, 264, 225-238.	5.7	19
17	An integrated framework for inventory management and transportation of refined petroleum products: Pipeline or marine?. Applied Mathematical Modelling, 2018, 55, 224-247.	4.2	14
18	Performance Approximation of Emergency Service Systems with Priorities and Partial Backups. Transportation Science, 2018, 52, 1235-1252.	4.4	9

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19	Impact of train makeup on hazmat risk in a transport corridor. Journal of Transportation Safety and Security, 2017, 9, 167-194.	1.6	16
20	Facility location and capacity acquisition under carbon tax and emissions limits: To centralize or to decentralize?. International Journal of Production Economics, 2017, 187, 126-141.	8.9	36
21	Managing Patient Admissions in a Neurology Ward. Operations Research, 2017, 65, 635-656.	1.9	26
22	Designing distribution systems with reverse flows. Journal of Remanufacturing, 2017, 7, 113-137.	2.7	7
23	Restructuring the resident training system for improving the equity of access to primary care. European Journal of Operational Research, 2017, 258, 1143-1155.	5.7	5
24	Daily capacity management for hospitals: a Brazilian case study. International Journal of Services and Operations Management, 2017, 27, 102.	0.2	0
25	Designing Personalized Treatment: An Application to Anticoagulation Therapy. Production and Operations Management, 2016, 25, 902-918.	3.8	22
26	A rough-cut approach for evaluating location-routing decisions via approximation algorithms. Transportation Research Part B: Methodological, 2016, 87, 89-106.	5.9	10
27	A global shooting algorithm for the facility location and capacity acquisition problem on a line with dense demand. Computers and Operations Research, 2016, 71, 1-15.	4.0	7
28	Maximal Accessibility Network Design in the Public Sector. Transportation Science, 2016, 50, 336-347.	4.4	25
29	Location Models for Preventive Care. Profiles in Operations Research, 2015, , 223-241.	0.4	3
30	Supply chain design for unlocking the value of remanufacturing under uncertainty. European Journal of Operational Research, 2015, 247, 804-819.	5.7	61
31	Primary care network development: the regulatorâ€™s perspective. Journal of the Operational Research Society, 2015, 66, 1519-1532.	3.4	13
32	A bi-objective model for the used oil location-routing problem. Computers and Operations Research, 2015, 62, 157-168.	4.0	77
33	A Bi-Objective Model for the Used Oil Location-Routing Problem. SSRN Electronic Journal, 2014, , .	0.4	0
34	Transport Mode Selection for Toxic Gases: Rail or Road?. Risk Analysis, 2014, 34, 168-186.	2.7	47
35	Matching patient and physician preferences in designing a primary care facility network. Journal of the Operational Research Society, 2014, 65, 483-496.	3.4	44
36	Product Reuse in Innovative Industries. Production and Operations Management, 2013, 22, 1011-1033.	3.8	114

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37	Railroad Transportation of Hazardous Materials: Models for Risk Assessment and Management. Profiles in Operations Research, 2013, , 9-47.	0.4	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.	7.4	117
39	Incorporating the threat of terrorist attacks in the design of public service facility networks. Optimization Letters, 2012, 6, 1101-1121.	1.6	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.	8.9	85
41	The impact of client choice on preventive healthcare facility network design. OR Spectrum, 2012, 34, 349-370.	3.4	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.	6.5	25
43	Multi-period reverse logistics network design. European Journal of Operational Research, 2012, 220, 67-78.	5.7	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.	0.2	5
45	An Analysis of Monopolistic and Competitive Takeâ€Back Schemes for WEEE Recycling. Production and Operations Management, 2011, 20, 805-823.	3.8	121
46	An Analytical Framework for Designing Communityâ€Based Care for Chronic Diseases. Production and Operations Management, 2011, 20, 474-488.	3.8	33
47	A Tactical Planning Model for Railroad Transportation of Dangerous Goods. Transportation Science, 2011, 45, 163-174.	4.4	63
48	A multi-dimensional shooting algorithm for the two-facility locationâ€“allocation problem with dense demand. Computers and Operations Research, 2011, 38, 450-463.	4.0	18
49	A continuous analysis framework for the solution of locationâ€“allocation problems with dense demand. Computers and Operations Research, 2010, 37, 123-136.	4.0	48
50	A lead-time based approach for planning railâ€“truck intermodal transportation of dangerous goods. European Journal of Operational Research, 2010, 202, 696-706.	5.7	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.	4.4	81
53	Incorporating congestion in preventive healthcare facility network design. European Journal of Operational Research, 2009, 198, 922-935.	5.7	116
54	Improving post-stroke health outcomes: Can facilitated care help?. Health Policy, 2009, 93, 180-187.	3.0	7

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55	A Path-Based Approach for Hazmat Transport Network Design. Management Science, 2008, 54, 29-40.	4.1	108
56	Chapter 9 Hazardous Materials Transportation. Handbooks in Operations Research and Management Science, 2007, 14, 539-621.	0.6	132
57	Retailâ€“collection network design under depositâ€“refund. Computers and Operations Research, 2007, 34, 324-345.	4.0	120
58	Railroad transportation of dangerous goods: Population exposure to airborne toxins. Computers and Operations Research, 2007, 34, 1287-1303.	4.0	105
59	Designing emergency response networks for hazardous materials transportation. Computers and Operations Research, 2007, 34, 1374-1388.	4.0	81
60	The In-Hospital Interval: A Description of EMT Time Spent in the Emergency Department. Prehospital Emergency Care, 2006, 10, 378-382.	1.8	17
61	Coordination and Priority Decisions in Hybrid Manufacturing/Remanufacturing Systems. Production and Operations Management, 2006, 15, 528-543.	3.8	96
62	Evaluation of Plant Focus Strategies: A Continuous Approximation Framework. Annals of Operations Research, 2005, 136, 303-327.	4.1	7
63	On the significance of reducing the need for stroke patients to visit the emergency department. Clinical and Investigative Medicine, 2005, 28, 371-3.	0.6	0
64	The effect of categorizing returned products in remanufacturing. IIE Transactions, 2004, 36, 319-331.	2.1	172
65	Designing a Road Network for Hazardous Materials Transportation. Transportation Science, 2004, 38, 188-196.	4.4	257
66	The plant location and flexible technology acquisition problem. European Journal of Operational Research, 2002, 136, 366-382.	5.7	52
67	An integrated model for facility location and technology acquisition. Computers and Operations Research, 2002, 29, 583-592.	4.0	30
68	Location of Preventive Health Care Facilities. Annals of Operations Research, 2002, 110, 123-132.	4.1	133
69	The plant location and technology acquisition problem. IIE Transactions, 2001, 33, 963-973.	2.1	22
70	A continuous model for productionâ€“distribution system design. European Journal of Operational Research, 2001, 129, 287-298.	5.7	110
71	The Plant Location and Technology Acquisition Problem. IIE Transactions, 2001, 33, 963-974.	2.1	16
72	A GIS-Based Framework for Hazardous Materials Transport Risk Assessment. Risk Analysis, 2001, 21, 1109-1120.	2.7	94

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73	Modeling of Transport Risk for Hazardous Materials. Operations Research, 1998, 46, 625-642.	1.9	280
74	Incorporating Insurance Costs in Hazardous Materials Routing Models. Transportation Science, 1997, 31, 227-236.	4.4	19
75	Facility location and capacity acquisition: An integrated approach. Naval Research Logistics, 1995, 42, 1141-1160.	2.2	63
76	A Framework for Hazardous Materials Transport Risk Assessment. Risk Analysis, 1995, 15, 589-601.	2.7	90
77	An integrated evaluation of facility location, capacity acquisition, and technology selection for designing global manufacturing strategies. European Journal of Operational Research, 1992, 60, 1-18.	5.7	91
78	Separation and Normalization in Multi-Attribute Decision Models for Investment Evaluation. Engineering Economist, 1991, 37, 77-85.	1.1	1
79	Design for Reusability and Product Reuse Under Radical Innovation. SSRN Electronic Journal, 0, , .	0.4	2