

Emanuel Melachrinoudis

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

959
citations

687363

13
h-index

501196

28
g-index

31
all docs

31
docs citations

31
times ranked

762
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled sink mobility for prolonging wireless sensor networks lifetime. <i>Wireless Networks</i> , 2008, 14, 831-858.	3.0	332
2	The dynamic relocation and phase-out of a hybrid, two-echelon plant/warehousing facility: A multiple objective approach. <i>European Journal of Operational Research</i> , 2000, 123, 1-15.	5.7	118
3	The relocation of a hybrid manufacturing/distribution facility from supply chain perspectives: a case study. <i>Omega</i> , 1999, 27, 75-85.	5.9	81
4	A multiobjective model for the dynamic location of landfills. <i>Location Science</i> , 1995, 3, 143-166.	0.1	65
5	Facility Location and Reliable Route Planning in Hazardous Material Transportation. <i>Transportation Science</i> , 1997, 31, 216-226.	4.4	42
6	LOCATING AN UNDESIRABLE FACILITY WITHIN A GEOGRAPHICAL REGION USING THE MAXIMIN CRITERION*. <i>Journal of Regional Science</i> , 1985, 25, 115-127.	3.3	40
7	Semi-obnoxious single facility location in Euclidean space. <i>Computers and Operations Research</i> , 2003, 30, 2191-2209.	4.0	37
8	A single facility location problem on a tree with unreliable edges. <i>Networks</i> , 1996, 27, 219-237.	2.7	32
9	Interactive Multiobjective Group Decision Making with Interval Parameters. <i>Management Science</i> , 2000, 46, 1585-1601.	4.1	28
10	Dynamic expansion and location of an airport: A multiple objective approach. <i>Transportation Research, Part A: Policy and Practice</i> , 1997, 31, 403-417.	4.2	24
11	Locating an undesirable facility with a minimax criterion. <i>European Journal of Operational Research</i> , 1986, 24, 239-246.	5.7	23
12	An $O(mn^2)$ algorithm for the Maximin problem in E^2 . <i>Operations Research Letters</i> , 1995, 18, 25-30.	0.7	18
13	The Maximin-Maximum Network Location Problem. <i>Computational Optimization and Applications</i> , 2001, 19, 209-234.	1.6	14
14	The Location of Undesirable Facilities. <i>Profiles in Operations Research</i> , 2011, , 207-239.	0.4	14
15	Location of a semi-obnoxious facility with elliptic maximin and network minimum objectives. <i>European Journal of Operational Research</i> , 2012, 223, 452-460.	5.7	13
16	The optimal determination of the collection period for returned products in the sustainable supply chain. <i>International Journal of Logistics Research and Applications</i> , 2014, 17, 35-45.	8.8	13
17	A Reverse Logistics Network Model for Handling Returned Products. <i>International Journal of Engineering Business Management</i> , 2014, 6, 13.	3.7	13
18	An $O(mn)$ Algorithm for the 1-maximin problem on a network. <i>Computers and Operations Research</i> , 1999, 26, 849-869.	4.0	12

#	ARTICLE	IF	CITATIONS
19	Network location of a reliable center using the most reliable route policy. Computers and Operations Research, 2009, 36, 1437-1460.	4.0	7
20	A path-based capacitated network flow model for empty railcar distribution. Annals of Operations Research, 2017, 253, 773-798.	4.1	7
21	A model-based decision support system for solving vehicle routing and driver scheduling problems under hours of service regulations. International Journal of Logistics Research and Applications, 2016, 19, 256-277.	8.8	6
22	A heuristic approach to the single facility maximin location problem. International Journal of Production Research, 1985, 23, 523-532.	7.5	5
23	Optimizing the Design of a CDMA Cellular System Configuration with Multiple Criteria. Annals of Operations Research, 2001, 106, 307-329.	4.1	5
24	Reliable maximin locations for maximum service availability on tree networks vulnerable to disruptions. Annals of Operations Research, 2020, 286, 669-701.	4.1	4
25	Location of a reliable center on a tree network. Operational Research, 2007, 7, 419-445.	2.0	2
26	A DISCRETE LOCATION ASSIGNMENT PROBLEM WITH CONGESTION. IIE Transactions, 1994, 26, 83-89.	2.1	1
27	Developing the reverse logistics network for product returns. , 2006, , .		1
28	Optimal Collection Period for Returned Products in the Reverse Supply Chain. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 123-127.	0.4	1
29	A single facility location problem on a tree with unreliable edges. Networks, 1996, 27, 219-237.	2.7	1
30	Fourier-Motzkin elimination method in MOLP problems. Journal of Multi-Criteria Decision Analysis, 2002, 11, 55-64.	1.9	0
31	Determining the optimal collection period for returned products in a stochastic environment. International Journal of Logistics Systems and Management, 2019, 33, 42.	0.2	0