Erhan Erkut

List of Publications by Year
in descending order

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36 papers	3,352 citations	270111 25 h-index	406436 35 g-index
37 all docs	37 docs citations	37 times ranked	2033 citing authors

#	Article	IF	Citations
1	Designing New Electoral Districts for the City of Edmonton. Interfaces, 2011, 41, 534-547.	1.6	29
2	Computational Comparison of Five Maximal Covering Models for Locating Ambulances. Geographical Analysis, 2009, 41, 43-65.	1.9	42
3	Optimal ambulance location with random delays and travel times. Health Care Management Science, 2008, 11, 262-274.	1.5	197
4	Ambulance location for maximum survival. Naval Research Logistics, 2008, 55, 42-58.	1.4	172
5	Integrated Routing and Scheduling of Hazmat Trucks with Stops En Route. Transportation Science, 2007, 41, 107-122.	2.6	43
6	Chapter 9 Hazardous Materials Transportation. Handbooks in Operations Research and Management Science, 2007, 14, 539-621.	0.6	132
7	Assessment of hazardous material risks for rail yard safety. Safety Science, 2007, 45, 813-822.	2.6	38
8	Designing a road network for hazardous materials shipments. Computers and Operations Research, 2007, 34, 1389-1405.	2.4	129
9	The cost and risk impacts of rerouting railroad shipments of hazardous materials. Accident Analysis and Prevention, 2007, 39, 1015-1025.	3.0	53
10	Cost-Effective And Reliable Grinding Schedules For Inland Cement. Infor, 2006, 44, 65-77.	0.5	1
11	Transport risk models for hazardous materials: revisited. Operations Research Letters, 2005, 33, 81-89.	0.5	151
12	An Efficient Genetic Algorithm for the p-Median Problem. Annals of Operations Research, 2003, 122, 21-42.	2.6	245
13	A tabu search heuristic and adaptive memory procedure for political districting. European Journal of Operational Research, 2003, 144, 12-26.	3.5	217
14	An Efficient Genetic Algorithm for the p-Median Problem. , 2002, , 179-205.		19
15	Improving The Emergency Service Delivery In St. Albert. Infor, 2001, 39, 416-433.	0.5	7
16	On finding dissimilar paths. European Journal of Operational Research, 2000, 121, 232-246.	3.5	149
17	Using GIS to assess the risks of hazardous materials transport in networks. European Journal of Operational Research, 2000, 121, 316-329.	3.5	124
18	TransAlta Redesigns Its Service-Delivery Network. Interfaces, 2000, 30, 54-69.	1.6	23

#	Article	IF	Citations
19	Catastrophe Avoidance Models for Hazardous Materials Route Planning. Transportation Science, 2000, 34, 165-179.	2.6	161
20	Analysis of aggregation errors for the p-median problem. Computers and Operations Research, 1999, 26, 1075-1096.	2.4	48
21	Modeling of Transport Risk for Hazardous Materials. Operations Research, 1998, 46, 625-642.	1.2	280
22	Minimax Population Exposure in Routing Highway Shipments of Hazardous Materials. Transportation Research Record, 1997, 1602, 93-100.	1.0	17
23	Incorporating Insurance Costs in Hazardous Materials Routing Models. Transportation Science, 1997, 31, 227-236.	2.6	19
24	A Framework for Hazardous Materials Transport Risk Assessment. Risk Analysis, 1995, 15, 589-601.	1.5	90
25	On the credibility of the conditional risk model for routing hazardous materials. Operations Research Letters, 1995, 18, 49-52.	0.5	29
26	Special Issue of Infor on Hazardous Materials Logistics. Infor, 1995, 33, 1-3.	0.5	8
27	Special Issue of Infor on Hazardous Materials Logistics. Infor, 1995, 33, 65-67.	0.5	1
28	A comparison of p-dispersion heuristics. Computers and Operations Research, 1994, 21, 1103-1113.	2.4	54
29	Alberta's Energy Efficiency Branch Conducts Transportation Audits. Interfaces, 1992, 22, 15-21.	1.6	23
30	A multiobjective model for locating undesirable facilities. Annals of Operations Research, 1992, 40, 209-227.	2.6	62
31	A Parametric 1-Maximin Location Problem. Journal of the Operational Research Society, 1991, 42, 49-55.	2.1	13
32	Comparison Of Four Models For dispersing Facilities. Infor, 1991, 29, 68-86.	0.5	38
33	Locating obnoxious facilities in the public sector: An application of the analytic hierarchy process to municipal landfill siting decisions. Socio-Economic Planning Sciences, 1991, 25, 89-102.	2.5	105
34	The discrete p-dispersion problem. European Journal of Operational Research, 1990, 46, 48-60.	3.5	211
35	The discrete p-Maxian location problem. Computers and Operations Research, 1990, 17, 51-61.	2.4	24
36	Analytical models for locating undesirable facilities. European Journal of Operational Research, 1989, 40, 275-291.	3.5	348