JoÃ£o N ClÃ-maco

List of Publications by Year
in descending order

54 papers	1,226 citations	394421 19 h-index	395702 33 g-index
57 all docs	57 docs citations	57 times ranked	933 citing authors

#	Article	IF	Citations
1	Resolving inconsistencies among constraints on the parameters of an MCDA model. European Journal of Operational Research, 2003, 147, 72-93.	5.7	154
2	A review of interactive methods for multiobjective integer and mixed-integer programming. European Journal of Operational Research, 2007, 180, 99-115.	5.7	129
3	Capacitated single allocation hub location problemâ€"A bi-criteria approach. Computers and Operations Research, 2008, 35, 3671-3695.	4.0	114
4	Dealing with imprecise information in group multicriteria decisions: a methodology and a GDSS architecture. European Journal of Operational Research, 2005, 160, 291-307.	5.7	85
5	An algorithm for ranking quickest simple paths. Computers and Operations Research, 2005, 32, 509-520.	4.0	59
6	Efficient primal-dual heuristic for a dynamic location problem. Computers and Operations Research, 2007, 34, 1800-1823.	4.0	55
7	On computing ELECTRE's credibility indices under partial information. , 1999, 8, 74-92.		46
8	A multiple objective linear programming model for power generation expansion planning. International Journal of Energy Research, 1995, 19, 419-432.	4.5	41
9	A scatter search method for bi-criteria {0,1}-knapsack problems. European Journal of Operational Research, 2006, 169, 373-391.	5.7	40
10	Capacitated dynamic location problems with opening, closure and reopening of facilities. IMA Journal of Management Mathematics, 2006, 17, 317-348.	1.6	40
11	Multicriteria path and tree problems: discussion on exact algorithms and applications. International Transactions in Operational Research, 2012, 19, 63-98.	2.7	37
12	An Interactive Method for 0-1 Multiobjective Problems Using Simulated Annealing and Tabu Search. , 2000, 6, 385-403.		33
13	A comprehensive survey on the quickest path problem. Annals of Operations Research, 2006, 147, 5-21.	4.1	31
14	Sensitivity analysis in MCDM using the weight space. Operations Research Letters, 1992, 12, 187-196.	0.7	25
15	A memetic algorithm for multi-objective dynamic location problems. Journal of Global Optimization, 2008, 42, 221-253.	1.8	24
16	A Scatter Search Method for the Bi-Criteria Multi-dimensional {0,1}-Knapsack Problem using Surrogate Relaxation. Mathematical Modelling and Algorithms, 2004, 3, 183-208.	0.5	23
17	Multiobjective Linear and Integer Programming. EURO Advanced Tutorials on Operational Research, 2016, , .	0.6	23
18	Core problems in bi-criteria -knapsack problems. Computers and Operations Research, 2008, 35, 2292-2306.	4.0	22

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19	Integrating partial optimization with scatter search for solving bi-criteria {0,1}-knapsack problems. European Journal of Operational Research, 2007, 177, 1656-1677.	5.7	21
20	A critical reflection on optimal decision. European Journal of Operational Research, 2004, 153, 506-516.	5.7	19
21	An Approach to Support Negotiation Processes with Imprecise Information Multicriteria Additive Models. Group Decision and Negotiation, 2006, 15, 171-184.	3.3	19
22	A meta-model for multiobjective routing in MPLS networks. Central European Journal of Operations Research, 2008, 16, 79-105.	1.8	19
23	A mixed integer linear formulation for the minimum label spanning tree problem. Computers and Operations Research, 2009, 36, 3082-3085.	4.0	19
24	Multicriteria Analysis in Telecommunication Network Planning and Design â€" Problems and Issues. , 2005, , 899-941.		18
25	A DSS for bicriteria location problems. Decision Support Systems, 2014, 57, 224-244.	5.9	18
26	An automated reference point-like approach for multicriteria shortest path problems. Journal of Systems Science and Systems Engineering, 2006, 15, 314-329.	1.6	15
27	On the bicriterion â€" minimal cost/minimal label â€" spanning tree problem. European Journal of Operational Research, 2010, 204, 199-205.	5.7	9
28	A New Multiobjective Dynamic Routing Method for Multiservice Networks: Modelling and Performance. Computational Management Science, 2006, 3, 225-244.	1.3	8
29	Multiobjective routing in multiservice MPLS networks with traffic splitting â€" A network flow approach. Journal of Systems Science and Systems Engineering, 2015, 24, 389-432.	1.6	8
30	A dynamic location problem with maximum decreasing capacities. Central European Journal of Operations Research, 2008, 16, 251-280.	1.8	7
31	Indifference sets of reference points in multi-objective integer linear programming. Journal of Multi-Criteria Decision Analysis, 2001, 10, 177-189.	1.9	6
32	A new tool to facilitate quantitative assessment of green activities â€" A trial application for Rio de Janeiro. Technological Forecasting and Social Change, 2015, 98, 336-344.	11.6	6
33	Hierarchical multiobjective routing in Multiprotocol Label Switching networks with two service classes: a heuristic solution. International Transactions in Operational Research, 2009, 16, 275-305.	2.7	5
34	A bi-criteria minimum spanning tree routing model for MPLS/overlay networks. Telecommunication Systems, 2013, 52, 203-215.	2.5	5
35	Multiobjective Integer and Mixed-Integer Linear Programming. EURO Advanced Tutorials on Operational Research, 2016, , 161-203.	0.6	5
36	On a bi-dimensional dynamic alternative routing method. European Journal of Operational Research, 2005, 166, 828-842.	5.7	4

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37	Stability analysis of efficient solutions in multiobjective integer programming: A case study in load management. Computers and Operations Research, 2008, 35, 186-197.	4.0	4
38	Evaluation of a Multiobjective Alternative Routing Method in Carrier IP/MPLS Networks. Lecture Notes in Computer Science, 2009, , 195-206.	1.3	4
39	A network-wide exact optimization approach for multiobjective routing with path protection in multiservice multiprotocol label switching networks. Engineering Optimization, 2017, 49, 1226-1246.	2.6	4
40	USING WEIGHTED-SUM FUNCTIONS TO COMPUTE NONSUPPORTED EFFICIENT SOLUTIONS IN MULTIOBJECTIVE COMBINATORIAL-{0,1} PROBLEMS. International Journal of Information Technology and Decision Making, 2013, 12, 27-44.	3.9	3
41	Multicriteria Analysis in Telecommunication Network Planning and Design: A Survey. Profiles in Operations Research, 2016, , 1167-1233.	0.4	3
42	The small world of efficient solutions: empirical evidence from the bi-objective {0,1}-knapsack problem. 4or, 2010, 8, 195-211.	1.6	2
43	Hierarchical multiobjective routing model in Multiprotocol Label Switching networks with two service classes â€“ a Pareto archive strategy. Engineering Optimization, 2012, 44, 613-635.	2.6	2
44	An exact lexicographic approach for the maximally risk-disjoint/minimal cost path pair problem in telecommunication networks. Top, 0, , 1.	1.6	2
45	On the application of TRIMAP to problems with multiple decision makers. Annals of Operations Research, 1994, 51, 99-114.	4.1	1
46	On OR-based routing approaches for the Internet. International Transactions in Operational Research, 2011, 18, 295-305.	2.7	1
47	Bicriteria path problem minimizing the cost and minimizing the number of labels. 4or, 2013, 11, 275-294.	1.6	1
48	A Hierarchical Multiobjective Routing Model for MPLS Networks with Two Service Classes. IFIP Advances in Information and Communication Technology, 2009, , 196-219.	0.7	1
49	Decision support for telecommunications and information society: Introduction. European Journal of Operational Research, 2007, 181, 1017-1018.	5.7	0
50	Protected bicriteria paths in transport networks. , 2012, , .		0
51	Special issue on recent developments in multiple objective programming and goal programming. International Transactions in Operational Research, 2012, 19, 493-494.	2.7	0
52	Stochastic hierarchical multiobjective routing model in MPLS networks with two service classes: an experimental study on imprecision and uncertainty issues. Journal of Uncertainty Analysis and Applications, 2014, 2, .	0.9	0
53	Mathematical Based Models for Group Decision Support in Telecommunication Network Design and Managementâ€"Challenges and Trends. Studies in Systems, Decision and Control, 2022, , 215-246.	1.0	0
54	A Memetic Algorithm for Dynamic Location Problems. , 2007, , 225-244.		0