

Murat M Koksalan

List of Publications by Year in descending order

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293460

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93
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docs citations

93
times ranked

1784
citing authors

#	ARTICLE	IF	CITATIONS
1	Representing the nondominated set in multi-objective mixed-integer programs. <i>European Journal of Operational Research</i> , 2022, 296, 804-818.	3.5	4
2	UAV routing for reconnaissance mission: A multi-objective orienteering problem with time-dependent prizes and multiple connections. <i>Computers and Operations Research</i> , 2022, 145, 105882.	2.4	11
3	Interactive approaches for biobjective problems with progressively changing solution sets. <i>International Transactions in Operational Research</i> , 2021, 28, 356-375.	1.8	0
4	An interactive algorithm for multiobjective ranking for underlying linear and quasiconcave value functions. <i>International Transactions in Operational Research</i> , 2021, 28, 3513-3535.	1.8	0
5	A flexible reference point-based multi-objective evolutionary algorithm: An application to the UAV route planning problem. <i>Computers and Operations Research</i> , 2020, 114, 104811.	2.4	32
6	Distribution based representative sets for multi-objective integer programs. <i>European Journal of Operational Research</i> , 2020, 284, 632-643.	3.5	2
7	Estimating the form of a decision maker's preference function and converging towards preferred solutions. <i>IIE Transactions</i> , 2020, 52, 651-664.	1.6	2
8	Finding a representative nondominated set for multi-objective mixed integer programs. <i>European Journal of Operational Research</i> , 2019, 272, 61-77.	3.5	17
9	Identifying preferred solutions in multiobjective combinatorial optimization problems. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2019, 27, 1970-1981.	0.9	0
10	An interactive approximation algorithm for multi-objective integer programs. <i>Computers and Operations Research</i> , 2018, 96, 80-90.	2.4	8
11	Interactive evolutionary approaches to multiobjective feature selection. <i>International Transactions in Operational Research</i> , 2018, 25, 1027-1052.	1.8	5
12	Multi-Criteria Sorting with Category Size Restrictions. <i>International Journal of Information Technology and Decision Making</i> , 2017, 16, 5-23.	2.3	16
13	An evolutionary approach to generalized biobjective traveling salesperson problem. <i>Computers and Operations Research</i> , 2017, 79, 304-313.	2.4	6
14	An interactive algorithm to find the most preferred solution of multi-objective integer programs. <i>Annals of Operations Research</i> , 2016, 245, 67-95.	2.6	17
15	An interactive approach to stochastic programming-based portfolio optimization. <i>Annals of Operations Research</i> , 2016, 245, 47-66.	2.6	17
16	An interactive approach for biobjective integer programs under quasiconvex preference functions. <i>Annals of Operations Research</i> , 2016, 244, 677-696.	2.6	8
17	An interactive approach for Bi-attribute multi-item auctions. <i>Annals of Operations Research</i> , 2016, 245, 97-119.	2.6	6
18	Emotional and motivational responses predicting choices: The role of asymmetrical frontal cortical activity. <i>Journal of Economic Psychology</i> , 2016, 52, 56-70.	1.1	14

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19	Impact of Number of Interactions, Different Interaction Patterns, and Human Inconsistencies on Some Hybrid Evolutionary Multiobjective Optimization Algorithms*. Decision Sciences, 2015, 46, 981-1006.	3.2	19
20	Finding nadir points in multi-objective integer programs. Journal of Global Optimization, 2015, 62, 55-77.	1.1	12
21	An Evolutionary Algorithm for Finding Efficient Solutions in Multi-Attribute Auctions. International Journal of Information Technology and Decision Making, 2014, 13, 649-673.	2.3	4
22	EFFECTS OF MULTIPLE CRITERIA ON PORTFOLIO OPTIMIZATION. International Journal of Information Technology and Decision Making, 2014, 13, 77-99.	2.3	12
23	Finding highly preferred points for multi-objective integer programs. IIE Transactions, 2014, 46, 1181-1195.	2.1	9
24	Constructing a strict total order for alternatives characterized by multiple criteria: An extension. Naval Research Logistics, 2014, 61, 155-163.	1.4	6
25	An interactive approach to multicriteria sorting for quasiconcave value functions. Naval Research Logistics, 2014, 61, 447-457.	1.4	18
26	A stochastic programming approach to multicriteria portfolio optimization. Journal of Global Optimization, 2013, 57, 299-314.	1.1	12
27	A model for performance evaluation and stock optimization in a kit management problem. International Journal of Production Economics, 2013, 143, 527-535.	5.1	3
28	An Early History of Multiple Criteria Decision Making. Journal of Multi-Criteria Decision Analysis, 2013, 20, 87-94.	1.0	43
29	An interactive probabilistic approach to multi-criteria sorting. IIE Transactions, 2013, 45, 1048-1058.	2.1	15
30	Finding all nondominated points of multi-objective integer programs. Journal of Global Optimization, 2013, 57, 347-365.	1.1	68
31	AN INTERACTIVE PARTITIONING APPROACH FOR MULTIOBJECTIVE DECISION MAKING UNDER A GENERAL MONOTONE UTILITY FUNCTION. International Journal of Information Technology and Decision Making, 2013, 12, 969-997.	2.3	0
32	Network Redesign in Turkey: The Supply, Production, and Distribution of Malt and Beer. Profiles in Operations Research, 2013, , 247-265.	0.3	2
33	An interactive method to multiresponse surface optimization based on pairwise comparisons. IIE Transactions, 2012, 44, 13-26.	2.1	27
34	A visual interactive approach for scenario-based stochastic multi-objective problems and an application. Journal of the Operational Research Society, 2012, 63, 1773-1787.	2.1	6
35	Locating disaster response facilities in Istanbul. Journal of the Operational Research Society, 2011, 62, 1239-1252.	2.1	107
36	Convex cone-based partial order for multiple criteria alternatives. Decision Support Systems, 2011, 51, 256-261.	3.5	12

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37	An interactive approach for multi-attribute auctions. Decision Support Systems, 2011, 51, 299-306.	3.5	24
38	An Interactive Algorithm for Multi-objective Route Planning. Journal of Optimization Theory and Applications, 2011, 150, 379-394.	0.8	16
39	A posterior preference articulation approach to multiresponse surface optimization. European Journal of Operational Research, 2011, 210, 301-309.	3.5	42
40	Case "Forecasting Beer Demand at Anadolu Efes. INFORMS Transactions on Education, 2010, 10, 142-145.	0.4	1
41	Pyramidal tours and multiple objectives. Journal of Global Optimization, 2010, 48, 569-582.	1.1	7
42	A Favorable Weight-Based Evolutionary Algorithm for Multiple Criteria Problems. IEEE Transactions on Evolutionary Computation, 2010, 14, 191-205.	7.5	35
43	A Territory Defining Multiobjective Evolutionary Algorithms and Preference Incorporation. IEEE Transactions on Evolutionary Computation, 2010, 14, 636-664.	7.5	191
44	An Interactive Territory Defining Evolutionary Algorithm: iTDEA. IEEE Transactions on Evolutionary Computation, 2010, 14, 702-722.	7.5	53
45	Guest Editorial Special Issue on Preference-Based Multiobjective Evolutionary Algorithms. IEEE Transactions on Evolutionary Computation, 2010, 14, 669-670.	7.5	13
46	A flexible approach to ranking with an application to MBA Programs. European Journal of Operational Research, 2010, 201, 470-476.	3.5	27
47	Interactive evolutionary multi-objective optimization for quasi-concave preference functions. European Journal of Operational Research, 2010, 206, 417-425.	3.5	62
48	A multi-objective multi-period stochastic programming model for public debt management. European Journal of Operational Research, 2010, 205, 205-217.	3.5	30
49	Efficiency analysis to incorporate interval-scale data. European Journal of Operational Research, 2010, 207, 1116-1121.	3.5	12
50	Bicriteria <i>p</i> -Hub Location Problems and Evolutionary Algorithms. INFORMS Journal on Computing, 2010, 22, 528-542.	1.0	26
51	Quantitative Comparison of Approximate Solution Sets for Multicriteria Optimization Problems with Weighted Tchebycheff Preference Function. Operations Research, 2010, 58, 650-659.	1.2	19
52	An Exact Algorithm for Finding Extreme Supported Nondominated Points of Multiobjective Mixed Integer Programs. Management Science, 2010, 56, 2302-2315.	2.4	63
53	Teaching Note "Forecasting Beer Demand at Anadolu Efes. INFORMS Transactions on Education, 2010, 10, 146-155.	0.4	0
54	A DEA-BASED APPROACH TO RANKING MULTI-CRITERIA ALTERNATIVES. International Journal of Information Technology and Decision Making, 2009, 08, 29-54.	2.3	39

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55	Generating a Representative Subset of the Nondominated Frontier in Multiple Criteria Decision Making. <i>Operations Research</i> , 2009, 57, 187-199.	1.2	36
56	Improving efficiency in multiple-unit combinatorial auctions: Bundling bids from multiple bidders. <i>Decision Support Systems</i> , 2009, 48, 103-111.	3.5	8
57	A new outranking ϵ -based approach for assigning alternatives to ordered classes. <i>Naval Research Logistics</i> , 2009, 56, 74-85.	1.4	33
58	Approximating the nondominated frontiers of multi ϵ -objective combinatorial optimization problems. <i>Naval Research Logistics</i> , 2009, 56, 191-198.	1.4	17
59	Multiobjective traveling salesperson problem on Halin graphs. <i>European Journal of Operational Research</i> , 2009, 196, 155-161.	3.5	9
60	An interactive sorting method for additive utility functions. <i>Computers and Operations Research</i> , 2009, 36, 2565-2572.	2.4	71
61	Multiobjective combinatorial optimization: some approaches. <i>Journal of Multi-Criteria Decision Analysis</i> , 2008, 15, 69-78.	1.0	7
62	An Evolutionary Metaheuristic for Approximating Preference-Nondominated Solutions. <i>INFORMS Journal on Computing</i> , 2007, 19, 291-301.	1.0	29
63	Performance evaluation using data envelopment analysis in the presence of time lags. <i>Journal of Productivity Analysis</i> , 2007, 27, 221-229.	0.8	16
64	An interactive approach for multiobjective decision making. <i>Journal of the Operational Research Society</i> , 2006, 57, 532-540.	2.1	18
65	Analysis and improvement of the product delivery system of a beer producer in Ankara. <i>Journal of the Operational Research Society</i> , 2004, 55, 1137-1144.	2.1	6
66	Single machine scheduling with maximum earliness and number tardy. <i>Computers and Industrial Engineering</i> , 2003, 45, 257-268.	3.4	24
67	An interactive approach for placing alternatives in preference classes. <i>European Journal of Operational Research</i> , 2003, 144, 429-439.	3.5	81
68	Using genetic algorithms for single-machine bicriteria scheduling problems. <i>European Journal of Operational Research</i> , 2003, 145, 543-556.	3.5	51
69	An Interactive Evolutionary Metaheuristic for Multiobjective Combinatorial Optimization. <i>Management Science</i> , 2003, 49, 1726-1738.	2.4	138
70	Interactive Multicriteria Optimization for Multiple-Response Product and Process Design. <i>Manufacturing and Service Operations Management</i> , 2003, 5, 334-347.	2.3	23
71	Beer in the Classroom: A Case Study of Location and Distribution Decisions. <i>INFORMS Transactions on Education</i> , 2003, 4, 65-77.	0.4	6
72	Scheduling to minimize maximum earliness and number of tardy jobs where machine idle time is allowed. <i>Journal of the Operational Research Society</i> , 2003, 54, 661-664.	2.1	8

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73	A visual interactive approach for multiple criteria decision making with monotone utility functions. Journal of the Operational Research Society, 2001, 52, 665-672.	2.1	5
74	An interactive procedure for selecting acceptable alternatives in the presence of multiple criteria. Naval Research Logistics, 2001, 48, 592-606.	1.4	17
75	Optimization of printed circuit board manufacturing: Integrated modeling and algorithms. European Journal of Operational Research, 2000, 124, 409-421.	3.5	63
76	A Simulated Annealing Approach to Bicriteria Scheduling Problems on a Single Machine. Journal of Heuristics, 2000, 6, 311-327.	1.1	30
77	Scheduling to Minimize Maximum Earliness and Number of Tardy Jobs Where Machine Idle Time is Allowed. Lecture Notes in Economics and Mathematical Systems, 2000, , 381-387.	0.3	0
78	Efes Beverage Group Makes Location and Distribution Decisions for Its Malt Plants. Interfaces, 1999, 29, 89-103.	1.6	22
79	Explaining beer demand: A residual modeling regression approach using statistical process control. International Journal of Production Economics, 1999, 58, 265-276.	5.1	6
80	Minimizing flowtime and maximum earliness on a single machine. IIE Transactions, 1998, 30, 192-200.	2.1	3
81	Minimizing flowtime and maximum earliness on a single machine. IIE Transactions, 1998, 30, 192-200.	2.1	23
82	An Integrated Production and Financial Planning Model and an Application. IIE Transactions, 1996, 28, 677-686.	2.1	21
83	Note: Bicriteria scheduling for minimizing flow time and maximum tardiness. Naval Research Logistics, 1996, 43, 929-936.	1.4	13
84	Fuzzy versus statistical linear regression. European Journal of Operational Research, 1996, 92, 417-434.	3.5	153
85	A location-distribution application for a beer company. European Journal of Operational Research, 1995, 80, 16-24.	3.5	15
86	Interactive Approaches for Discrete Alternative Multiple Criteria Decision Making with Monotone Utility Functions. Management Science, 1995, 41, 1158-1171.	2.4	60
87	An approach for finding the most preferred alternative in the presence of multiple criteria. European Journal of Operational Research, 1992, 60, 52-60.	3.5	23
88	Experiments and an Improved Method for Solving the Discrete Alternative Multiple-criteria Problem. Journal of the Operational Research Society, 1991, 42, 383-391.	2.1	22
89	An approach for solving discrete alternative multiple criteria problems involving ordinal criteria. Naval Research Logistics, 1988, 35, 625-641.	1.4	24
90	Approaches for Discrete Alternative Multiple Criteria Problems for Different Types of Criteria. IIE Transactions, 1986, 18, 262-270.	2.1	8

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91	Multiple Criteria Decision Making: Foundations and Some Approaches. , 0, , 171-183.		1