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List of Publications by Year in descending order

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79
papers

2,700
citations

172457

29
h-index

206112

48
g-index

83
all docs

83
docs citations

83
times ranked

1278
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance evaluation of emergency department physicians using robust value-based additive efficiency model. <i>International Transactions in Operational Research</i> , 2023, 30, 503-544.	2.7	5
2	Deep preference learning for multiple criteria decision analysis. <i>European Journal of Operational Research</i> , 2023, 305, 781-805.	5.7	17
3	Embedding carbon impact assessment in multi-criteria supplier segmentation using ELECTRE TRI-rC. <i>Annals of Operations Research</i> , 2022, 312, 1445-1467.	4.1	14
4	Bayesian ordinal regression for multiple criteria choice and ranking. <i>European Journal of Operational Research</i> , 2022, 299, 600-620.	5.7	5
5	Aggregation of Stochastic Rankings in Group Decision Making. <i>Studies in Systems, Decision and Control</i> , 2022, , 83-101.	1.0	0
6	Learning the parameters of an outranking-based sorting model with characteristic class profiles from large sets of assignment examples. <i>Applied Soft Computing Journal</i> , 2022, 116, 108312.	7.2	6
7	Recommending multiple criteria decision analysis methods with a new taxonomy-based decision support system. <i>European Journal of Operational Research</i> , 2022, 302, 633-651.	5.7	53
8	Robust Ordinal Regression for Multiple Criteria Decision Aiding. <i>Multiple Criteria Decision Making</i> , 2022, , 185-205.	0.8	1
9	Review and experimental comparison of ranking and choice procedures for constructing a univocal recommendation in a preference disaggregation setting. <i>Omega</i> , 2022, 113, 102715.	5.9	3
10	Enriched preference modeling and robustness analysis for the ELECTRE Tri-B method. <i>Annals of Operations Research</i> , 2021, 306, 173-207.	4.1	10
11	Incorporating uncovered structural patterns in value functions construction. <i>Omega</i> , 2021, 99, 102203.	5.9	8
12	Polyrun: A Java library for sampling from the bounded convex polytopes. <i>SoftwareX</i> , 2021, 13, 100659.	2.6	13
13	Decomposition-based co-evolutionary algorithm for interactive multiple objective optimization. <i>Information Sciences</i> , 2021, 549, 178-199.	6.9	15
14	Preference disaggregation method for value-based multi-decision sorting problems with a real-world application in nanotechnology. <i>Knowledge-Based Systems</i> , 2021, 218, 106879.	7.1	12
15	Heuristic algorithms for aggregation of incomplete rankings in multiple criteria group decision making. <i>Information Sciences</i> , 2021, 560, 107-136.	6.9	10
16	Interactive evolutionary multiple objective optimization algorithm using a fast calculation of holistic acceptabilities. , 2021, , .		0
17	Experimental comparison of results provided by ranking methods in Data Envelopment Analysis. <i>Expert Systems With Applications</i> , 2021, 173, 114739.	7.6	11
18	Supporting contaminated sites management with Multiple Criteria Decision Analysis: Demonstration of a regulation-consistent approach. <i>Journal of Cleaner Production</i> , 2021, 316, 128347.	9.3	14

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19	Active learning strategies for interactive elicitation of assignment examples for threshold-based multiple criteria sorting. <i>European Journal of Operational Research</i> , 2021, 293, 658-680.	5.7	12
20	Stepwise benchmarking for multiple criteria sorting. <i>Omega</i> , 2021, , 102579.	5.9	4
21	Contingent preference disaggregation model for multiple criteria sorting problem. <i>European Journal of Operational Research</i> , 2020, 281, 369-387.	5.7	30
22	Decomposition-Based Interactive Evolutionary Algorithm for Multiple Objective Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , 2020, 24, 320-334.	10.0	31
23	Preference-based cone contraction algorithms for interactive evolutionary multiple objective optimization. <i>Swarm and Evolutionary Computation</i> , 2020, 52, 100602.	8.1	22
24	Preference disaggregation for multiple criteria sorting with partial monotonicity constraints: Application to exposure management of nanomaterials. <i>International Journal of Approximate Reasoning</i> , 2020, 117, 60-80.	3.3	36
25	Comprehensive resilience assessment of electricity supply security for 140 countries. <i>Ecological Indicators</i> , 2020, 110, 105731.	6.3	40
26	Quantifying Electricity Supply Resilience of Countries with Robust Efficiency Analysis. <i>Energies</i> , 2020, 13, 1535.	3.1	7
27	Understanding the drivers of Urban Development Agreements with the rough set approach and robust decision rules. <i>Land Use Policy</i> , 2020, 96, 104678.	5.6	12
28	Using a segmenting description approach in multiple criteria decision aiding. <i>Expert Systems With Applications</i> , 2020, 147, 113186.	7.6	3
29	How to support the application of multiple criteria decision analysis? Let us start with a comprehensive taxonomy. <i>Omega</i> , 2020, 96, 102261.	5.9	155
30	A preference learning framework for multiple criteria sorting with diverse additive value models and valued assignment examples. <i>European Journal of Operational Research</i> , 2020, 286, 963-985.	5.7	32
31	On the elicitation of indirect preferences in interactive evolutionary multiple objective optimization. , 2020, , .		4
32	Selection of a sustainable third-party reverse logistics provider based on the robustness analysis of an outranking graph kernel conducted with ELECTRE I and SMAA. <i>Omega</i> , 2019, 85, 1-15.	5.9	107
33	Robust indicator-based algorithm for interactive evolutionary multiple objective optimization. , 2019, , .		5
34	Preference disaggregation within the regularization framework for sorting problems with multiple potentially non-monotonic criteria. <i>European Journal of Operational Research</i> , 2019, 276, 1071-1089.	5.7	47
35	EMOSOR: Evolutionary multiple objective optimization guided by interactive stochastic ordinal regression. <i>Computers and Operations Research</i> , 2019, 108, 134-154.	4.0	17
36	Advancing Hazard Assessment of Energy Accidents in the Natural Gas Sector with Rough Set Theory and Decision Rules. <i>Energies</i> , 2019, 12, 4178.	3.1	5

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37	Editorial: Special issue: Multiple Criteria Decision Making in Air Transport Management. Journal of Air Transport Management, 2018, 68, 1-3.	4.5	2
38	Co-constructive development of a green chemistry-based model for the assessment of nanoparticles synthesis. European Journal of Operational Research, 2018, 264, 472-490.	5.7	44
39	Optimization of multiple satisfaction levels in portfolio decision analysis. Omega, 2018, 78, 192-204.	5.9	36
40	Predictive analytics and disused railways requalification: Insights from a Post Factum Analysis perspective. Decision Support Systems, 2018, 105, 34-51.	5.9	22
41	Sustainability evaluation of retrofitting solutions for rural buildings through life cycle approach and multi-criteria analysis. Energy and Buildings, 2018, 173, 281-290.	6.7	49
42	Multiple Criteria Assessment of Insulating Materials with a Group Decision Framework Incorporating Outranking Preference Model and Characteristic Class Profiles. Group Decision and Negotiation, 2018, 27, 33-59.	3.3	24
43	Interactive Cone Contraction for Evolutionary Multiple Objective Optimization. Studies in Computational Intelligence, 2018, , 293-309.	0.9	1
44	Integrated framework for robustness analysis using ratio-based efficiency model with application to evaluation of Polish airports. Omega, 2017, 67, 1-18.	5.9	31
45	Heuristics for selecting pair-wise elicitation questions in multiple criteria choice problems. European Journal of Operational Research, 2017, 262, 693-707.	5.7	31
46	Expressiveness and robustness measures for the evaluation of an additive value function in multiple criteria preference disaggregation methods: An experimental analysis. Computers and Operations Research, 2017, 87, 146-164.	4.0	36
47	Application of a novel PROMETHEE-based method for construction of a group compromise ranking to prioritization of green suppliers in food supply chain. Omega, 2017, 71, 129-145.	5.9	159
48	Evaluation of multi-objective optimization approaches for solving green supply chain design problems. Omega, 2017, 68, 168-184.	5.9	54
49	Interactive Evolutionary Multiple Objective Optimization for Group Decision Incorporating Value-based Preference Disaggregation Methods. Group Decision and Negotiation, 2017, 26, 693-728.	3.3	18
50	Heuristics for prioritizing pair-wise elicitation questions with additive multi-attribute value models. Omega, 2017, 71, 27-45.	5.9	31
51	Inducing probability distributions on the set of value functions by Subjective Stochastic Ordinal Regression. Knowledge-Based Systems, 2016, 112, 26-36.	7.1	14
52	Scoring procedures for multiple criteria decision aiding with robust and stochastic ordinal regression. Computers and Operations Research, 2016, 71, 54-70.	4.0	40
53	Post factum analysis for robust multiple criteria ranking and sorting. Journal of Global Optimization, 2016, 65, 531-562.	1.8	25
54	Integrated framework for preference modeling and robustness analysis for outranking-based multiple criteria sorting with ELECTRE and PROMETHEE. Information Sciences, 2016, 352-353, 167-187.	6.9	46

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55	Robustness analysis for decision under uncertainty with rule-based preference model. Information Sciences, 2016, 328, 321-339.	6.9	24
56	Dominance-Based Rough Set Approach to Multiple Criteria Ranking with Sorting-Specific Preference Information. Studies in Computational Intelligence, 2016, , 155-171.	0.9	2
57	Parametric evaluation of research units with respect to reference profiles. Decision Support Systems, 2015, 72, 33-43.	5.9	22
58	A multi-criteria inference approach for anti-desertification management. Journal of Environmental Management, 2015, 162, 9-19.	7.8	13
59	Multiple criteria ranking and choice with all compatible minimal cover sets of decision rules. Knowledge-Based Systems, 2015, 89, 569-583.	7.1	26
60	Modeling assignment-based pairwise comparisons within integrated framework for value-driven multiple criteria sorting. European Journal of Operational Research, 2015, 241, 830-841.	5.7	50
61	Robust multi-criteria sorting with the outranking preference model and characteristic profiles. Omega, 2015, 55, 126-140.	5.9	53
62	Learning the Preferences of Physicians for the Organization of Result Lists of Medical Evidence Articles. Methods of Information in Medicine, 2014, 53, 344-356.	1.2	8
63	Robust Ordinal Regression for Dominance-Based Rough Set Approach under Uncertainty. Lecture Notes in Computer Science, 2014, , 77-87.	1.3	4
64	Preferential reducts and constructs in robust multiple criteria ranking and sorting. OR Spectrum, 2014, 36, 1021-1053.	3.4	28
65	Robust Ordinal Regression for Dominance-based Rough Set Approach to multiple criteria sorting. Information Sciences, 2014, 283, 211-228.	6.9	54
66	DIS-CARD: a new method of multiple criteria sorting to classes with desired cardinality. Journal of Global Optimization, 2013, 56, 1143-1166.	1.8	34
67	Robust ordinal regression in preference learning and ranking. Machine Learning, 2013, 93, 381-422.	5.4	161
68	Robust multi-criteria ranking with additive value models and holistic pair-wise preference statements. European Journal of Operational Research, 2013, 228, 169-180.	5.7	97
69	Stochastic ordinal regression for multiple criteria sorting problems. Decision Support Systems, 2013, 55, 55-66.	5.9	84
70	RUTA: A framework for assessing and selecting additive value functions on the basis of rank related requirements. Omega, 2013, 41, 735-751.	5.9	45
71	Selection of a Representative Value Function for Robust Ordinal Regression in Group Decision Making. Group Decision and Negotiation, 2013, 22, 429-462.	3.3	40
72	INTERACTIVE ROBUST CONE CONTRACTION METHOD FOR MULTIPLE OBJECTIVE OPTIMIZATION PROBLEMS. International Journal of Information Technology and Decision Making, 2012, 11, 327-357.	3.9	17

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73	Selection of a representative set of parameters for robust ordinal regression outranking methods. Computers and Operations Research, 2012, 39, 2500-2519.	4.0	22
74	Robust ordinal regression for multiple criteria group decision: UTAGMS-GROUP and UTADISGMS-GROUP. Decision Support Systems, 2012, 52, 549-561.	5.9	101
75	Selection of a representative value function in robust multiple criteria ranking and choice. European Journal of Operational Research, 2012, 217, 541-553.	5.7	82
76	Extreme ranking analysis in robust ordinal regression. Omega, 2012, 40, 488-501.	5.9	95
77	Selection of a representative value function in robust multiple criteria sorting. Computers and Operations Research, 2011, 38, 1620-1637.	4.0	83
78	ELECTREGKMS: Robust ordinal regression for outranking methods. European Journal of Operational Research, 2011, 214, 118-135.	5.7	95
79	Data-Driven Preference Learning Methods for Value-Driven Multiple Criteria Sorting with Interacting Criteria. INFORMS Journal on Computing, 0, , .	1.7	9