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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	Robust ordinal regression in preference learning and ranking. <i>Machine Learning</i> , 2013, 93, 381-422.	5.4	161
2	Application of a novel PROMETHEE-based method for construction of a group compromise ranking to prioritization of green suppliers in food supply chain. <i>Omega</i> , 2017, 71, 129-145.	5.9	159
3	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
4	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
5	Robust ordinal regression for multiple criteria group decision: UTAGMS-GROUP and UTADISGMS-GROUP. <i>Decision Support Systems</i> , 2012, 52, 549-561.	5.9	101
6	Robust multi-criteria ranking with additive value models and holistic pair-wise preference statements. <i>European Journal of Operational Research</i> , 2013, 228, 169-180.	5.7	97
7	ELECTREGKMS: Robust ordinal regression for outranking methods. <i>European Journal of Operational Research</i> , 2011, 214, 118-135.	5.7	95
8	Extreme ranking analysis in robust ordinal regression. <i>Omega</i> , 2012, 40, 488-501.	5.9	95
9	Stochastic ordinal regression for multiple criteria sorting problems. <i>Decision Support Systems</i> , 2013, 55, 55-66.	5.9	84
10	Selection of a representative value function in robust multiple criteria sorting. <i>Computers and Operations Research</i> , 2011, 38, 1620-1637.	4.0	83
11	Selection of a representative value function in robust multiple criteria ranking and choice. <i>European Journal of Operational Research</i> , 2012, 217, 541-553.	5.7	82
12	Robust Ordinal Regression for Dominance-based Rough Set Approach to multiple criteria sorting. <i>Information Sciences</i> , 2014, 283, 211-228.	6.9	54
13	Evaluation of multi-objective optimization approaches for solving green supply chain design problems. <i>Omega</i> , 2017, 68, 168-184.	5.9	54
14	Robust multi-criteria sorting with the outranking preference model and characteristic profiles. <i>Omega</i> , 2015, 55, 126-140.	5.9	53
15	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
16	Modeling assignment-based pairwise comparisons within integrated framework for value-driven multiple criteria sorting. <i>European Journal of Operational Research</i> , 2015, 241, 830-841.	5.7	50
17	Sustainability evaluation of retrofitting solutions for rural buildings through life cycle approach and multi-criteria analysis. <i>Energy and Buildings</i> , 2018, 173, 281-290.	6.7	49
18	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

#	ARTICLE	IF	CITATIONS
19	Integrated framework for preference modeling and robustness analysis for outranking-based multiple criteria sorting with ELECTRE and PROMETHEE. <i>Information Sciences</i> , 2016, 352-353, 167-187.	6.9	46
20	RUTA: A framework for assessing and selecting additive value functions on the basis of rank related requirements. <i>Omega</i> , 2013, 41, 735-751.	5.9	45
21	Co-constructive development of a green chemistry-based model for the assessment of nanoparticles synthesis. <i>European Journal of Operational Research</i> , 2018, 264, 472-490.	5.7	44
22	Selection of a Representative Value Function for Robust Ordinal Regression in Group Decision Making. <i>Group Decision and Negotiation</i> , 2013, 22, 429-462.	3.3	40
23	Scoring procedures for multiple criteria decision aiding with robust and stochastic ordinal regression. <i>Computers and Operations Research</i> , 2016, 71, 54-70.	4.0	40
24	Comprehensive resilience assessment of electricity supply security for 140 countries. <i>Ecological Indicators</i> , 2020, 110, 105731.	6.3	40
25	Expressiveness and robustness measures for the evaluation of an additive value function in multiple criteria preference disaggregation methods: An experimental analysis. <i>Computers and Operations Research</i> , 2017, 87, 146-164.	4.0	36
26	Optimization of multiple satisfaction levels in portfolio decision analysis. <i>Omega</i> , 2018, 78, 192-204.	5.9	36
27	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
28	DIS-CARD: a new method of multiple criteria sorting to classes with desired cardinality. <i>Journal of Global Optimization</i> , 2013, 56, 1143-1166.	1.8	34
29	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
30	Integrated framework for robustness analysis using ratio-based efficiency model with application to evaluation of Polish airports. <i>Omega</i> , 2017, 67, 1-18.	5.9	31
31	Heuristics for selecting pair-wise elicitation questions in multiple criteria choice problems. <i>European Journal of Operational Research</i> , 2017, 262, 693-707.	5.7	31
32	Heuristics for prioritizing pair-wise elicitation questions with additive multi-attribute value models. <i>Omega</i> , 2017, 71, 27-45.	5.9	31
33	Decomposition-Based Interactive Evolutionary Algorithm for Multiple Objective Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , 2020, 24, 320-334.	10.0	31
34	Contingent preference disaggregation model for multiple criteria sorting problem. <i>European Journal of Operational Research</i> , 2020, 281, 369-387.	5.7	30
35	Preferential reducts and constructs in robust multiple criteria ranking and sorting. <i>OR Spectrum</i> , 2014, 36, 1021-1053.	3.4	28
36	Multiple criteria ranking and choice with all compatible minimal cover sets of decision rules. <i>Knowledge-Based Systems</i> , 2015, 89, 569-583.	7.1	26

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37	Post factum analysis for robust multiple criteria ranking and sorting. Journal of Global Optimization, 2016, 65, 531-562.	1.8	25
38	Robustness analysis for decision under uncertainty with rule-based preference model. Information Sciences, 2016, 328, 321-339.	6.9	24
39	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
40	Selection of a representative set of parameters for robust ordinal regression outranking methods. Computers and Operations Research, 2012, 39, 2500-2519.	4.0	22
41	Parametric evaluation of research units with respect to reference profiles. Decision Support Systems, 2015, 72, 33-43.	5.9	22
42	Predictive analytics and disused railways requalification: Insights from a Post Factum Analysis perspective. Decision Support Systems, 2018, 105, 34-51.	5.9	22
43	Preference-based cone contraction algorithms for interactive evolutionary multiple objective optimization. Swarm and Evolutionary Computation, 2020, 52, 100602.	8.1	22
44	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
45	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
46	EMOSOR: Evolutionary multiple objective optimization guided by interactive stochastic ordinal regression. Computers and Operations Research, 2019, 108, 134-154.	4.0	17
47	Deep preference learning for multiple criteria decision analysis. European Journal of Operational Research, 2023, 305, 781-805.	5.7	17
48	Decomposition-based co-evolutionary algorithm for interactive multiple objective optimization. Information Sciences, 2021, 549, 178-199.	6.9	15
49	Inducing probability distributions on the set of value functions by Subjective Stochastic Ordinal Regression. Knowledge-Based Systems, 2016, 112, 26-36.	7.1	14
50	Embedding carbon impact assessment in multi-criteria supplier segmentation using ELECTRE TRI-rC. Annals of Operations Research, 2022, 312, 1445-1467.	4.1	14
51	Supporting contaminated sites management with Multiple Criteria Decision Analysis: Demonstration of a regulation-consistent approach. Journal of Cleaner Production, 2021, 316, 128347.	9.3	14
52	A multi-criteria inference approach for anti-desertification management. Journal of Environmental Management, 2015, 162, 9-19.	7.8	13
53	Polyrun: A Java library for sampling from the bounded convex polytopes. SoftwareX, 2021, 13, 100659.	2.6	13
54	Understanding the drivers of Urban Development Agreements with the rough set approach and robust decision rules. Land Use Policy, 2020, 96, 104678.	5.6	12

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55	Preference disaggregation method for value-based multi-decision sorting problems with a real-world application in nanotechnology. Knowledge-Based Systems, 2021, 218, 106879.	7.1	12
56	Active learning strategies for interactive elicitation of assignment examples for threshold-based multiple criteria sorting. European Journal of Operational Research, 2021, 293, 658-680.	5.7	12
57	Experimental comparison of results provided by ranking methods in Data Envelopment Analysis. Expert Systems With Applications, 2021, 173, 114739.	7.6	11
58	Enriched preference modeling and robustness analysis for the ELECTRE Tri-B method. Annals of Operations Research, 2021, 306, 173-207.	4.1	10
59	Heuristic algorithms for aggregation of incomplete rankings in multiple criteria group decision making. Information Sciences, 2021, 560, 107-136.	6.9	10
60	Data-Driven Preference Learning Methods for Value-Driven Multiple Criteria Sorting with Interacting Criteria. INFORMS Journal on Computing, 0, , .	1.7	9
61	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
62	Incorporating uncovered structural patterns in value functions construction. Omega, 2021, 99, 102203.	5.9	8
63	Quantifying Electricity Supply Resilience of Countries with Robust Efficiency Analysis. Energies, 2020, 13, 1535.	3.1	7
64	Learning the parameters of an outranking-based sorting model with characteristic class profiles from large sets of assignment examples. Applied Soft Computing Journal, 2022, 116, 108312.	7.2	6
65	Robust indicator-based algorithm for interactive evolutionary multiple objective optimization. , 2019, , .		5
66	Advancing Hazard Assessment of Energy Accidents in the Natural Gas Sector with Rough Set Theory and Decision Rules. Energies, 2019, 12, 4178.	3.1	5
67	Bayesian ordinal regression for multiple criteria choice and ranking. European Journal of Operational Research, 2022, 299, 600-620.	5.7	5
68	Performance evaluation of emergency department physicians using robust value-based additive efficiency model. International Transactions in Operational Research, 2023, 30, 503-544.	2.7	5
69	Robust Ordinal Regression for Dominance-Based Rough Set Approach under Uncertainty. Lecture Notes in Computer Science, 2014, , 77-87.	1.3	4
70	On the elicitation of indirect preferences in interactive evolutionary multiple objective optimization. , 2020, , .		4
71	Stepwise benchmarking for multiple criteria sorting. Omega, 2021, , 102579.	5.9	4
72	Using a segmenting description approach in multiple criteria decision aiding. Expert Systems With Applications, 2020, 147, 113186.	7.6	3

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73	Review and experimental comparison of ranking and choice procedures for constructing a univocal recommendation in a preference disaggregation setting. Omega, 2022, 113, 102715.	5.9	3
74	Editorial: Special issue: Multiple Criteria Decision Making in Air Transport Management. Journal of Air Transport Management, 2018, 68, 1-3.	4.5	2
75	Dominance-Based Rough Set Approach to Multiple Criteria Ranking with Sorting-Specific Preference Information. Studies in Computational Intelligence, 2016, , 155-171.	0.9	2
76	Interactive Cone Contraction for Evolutionary Multiple Objective Optimization. Studies in Computational Intelligence, 2018, , 293-309.	0.9	1
77	Robust Ordinal Regression for Multiple Criteria Decision Aiding. Multiple Criteria Decision Making, 2022, , 185-205.	0.8	1
78	Interactive evolutionary multiple objective optimization algorithm using a fast calculation of holistic acceptabilities. , 2021, , .		0
79	Aggregation of Stochastic Rankings in Group Decision Making. Studies in Systems, Decision and Control, 2022, , 83-101.	1.0	0