

Jyrki Wallenius

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/11556251/jyrki-wallenius-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

117
papers

5,020
citations

32
h-index

70
g-index

118
ext. papers

5,587
ext. citations

3.4
avg, IF

5.35
L-index

#	Paper	IF	Citations
117	Growing pains and blessings: Manifestations and implications of equity crowdfunding industry maturation. <i>Decision Support Systems</i> , 2022 , 113768	5.6	2
116	How Can Decision Sciences and MCDM Help Solve Challenging World Problems?. <i>Multiple Criteria Decision Making</i> , 2022 , 59-71	1.4	
115	Robustness of efficiency scores in data envelopment analysis with interval scale data. <i>European Journal of Operational Research</i> , 2021 , 297, 1151-1151	5.6	0
114	On rational behavior in multi-attribute riskless choice. <i>European Journal of Operational Research</i> , 2021 , 288, 331-342	5.6	
113	An operational test for the existence of a consistent increasing quasi-concave value function. <i>European Journal of Operational Research</i> , 2021 , 289, 232-239	5.6	2
112	Choosing Among Known Alternatives. <i>Profiles in Operations Research</i> , 2020 , 75-89	1	
111	How Do Humans Make Choices?. <i>Profiles in Operations Research</i> , 2020 , 21-30	1	
110	Real-World Problems. <i>Profiles in Operations Research</i> , 2020 , 141-148	1	
109	Different Paradigms of Decision-Making. <i>Profiles in Operations Research</i> , 2020 , 1-4	1	
108	Making Operations More Efficient. <i>Profiles in Operations Research</i> , 2020 , 131-139	1	
107	Solving Design Problems. <i>Profiles in Operations Research</i> , 2020 , 101-110	1	
106	A stepwise benchmarking approach to DEA with interval scale data. <i>Journal of the Operational Research Society</i> , 2019 , 70, 954-961	2	9
105	Using convex preference cones in multiple criteria decision making and related fields. <i>Journal of Business Economics</i> , 2019 , 89, 699-717	2.3	2
104	Judgments of importance revisited: What do they mean?. <i>Journal of the Operational Research Society</i> , 2019 , 70, 1140-1148	2	2
103	An interactive approximation algorithm for multi-objective integer programs. <i>Computers and Operations Research</i> , 2018 , 96, 80-90	4.6	7
102	Context matters: The impact of product type, emotional attachment and information overload on choice quality. <i>European Journal of Operational Research</i> , 2018 , 264, 270-279	5.6	17
101	Accounting for political opinions, power, and influence: A Voting Advice Application. <i>European Journal of Operational Research</i> , 2018 , 266, 702-715	5.6	5

100	Investor Motivations and Decision Criteria in Equity Crowdfunding. <i>SSRN Electronic Journal</i> , 2017 ,	1	3
99	The use of quasi-concave value functions in MCDM: some theoretical results. <i>Mathematical Methods of Operations Research</i> , 2017 , 86, 367-375	1	4
98	Road to robust prediction of choices in deterministic MCDM. <i>European Journal of Operational Research</i> , 2017 , 259, 229-235	5.6	4
97	Solving Bilevel Multicriterion Optimization Problems With Lower Level Decision Uncertainty. <i>IEEE Transactions on Evolutionary Computation</i> , 2016 , 20, 199-217	15.6	36
96	An interactive algorithm to find the most preferred solution of multi-objective integer programs. <i>Annals of Operations Research</i> , 2016 , 245, 67-95	3.2	16
95	Finding better alternatives than those considered in a multiple criteria data sample. <i>Journal of Business Economics</i> , 2016 , 86, 35-54	2.3	
94	Emotional/motivational responses predicting choices: The role of asymmetrical frontal cortical activity. <i>Journal of Economic Psychology</i> , 2016 , 52, 56-70	2.5	12
93	Dual cone approach to convex-cone dominance in multiple criteria decision making. <i>European Journal of Operational Research</i> , 2016 , 249, 1139-1143	5.6	8
92	Success drivers of online equity crowdfunding campaigns. <i>Decision Support Systems</i> , 2016 , 87, 26-38	5.6	199
91	Multi-attribute online reverse auctions: Recent research trends. <i>European Journal of Operational Research</i> , 2015 , 242, 1-9	5.6	57
90	Impact of Number of Interactions, Different Interaction Patterns, and Human Inconsistencies on Some Hybrid Evolutionary Multiobjective Optimization Algorithms*. <i>Decision Sciences</i> , 2015 , 46, 981-1008	3.7	13
89	An interactive evolutionary multi-objective optimization algorithm with a limited number of decision maker calls. <i>European Journal of Operational Research</i> , 2014 , 233, 674-688	5.6	35
88	Constructing a strict total order for alternatives characterized by multiple criteria: An extension. <i>Naval Research Logistics</i> , 2014 , 61, 155-163	1.5	5
87	On value efficiency. <i>Optimization</i> , 2014 , 63, 617-631	1.2	4
86	Good debt or bad debt: Detecting semantic orientations in economic texts. <i>Journal of the Association for Information Science and Technology</i> , 2014 , 65, 782-796	2.7	34
85	A careful look at the importance of criteria and weights. <i>Annals of Operations Research</i> , 2013 , 211, 565-578	3.8	10
84	An Early History of Multiple Criteria Decision Making. <i>Journal of Multi-Criteria Decision Analysis</i> , 2013 , 20, 87-94	1.9	33
83	On ratio-based RTS determination: An extension. <i>European Journal of Operational Research</i> , 2013 , 231, 242-243	5.6	1

82	Can a linear value function explain choices? An experimental study. <i>European Journal of Operational Research</i> , 2012 , 219, 360-367	5.6	23
81	SCHOLARLY COMMUNITIES OF RESEARCH IN MULTIPLE CRITERIA DECISION MAKING: A BIBLIOMETRIC RESEARCH PROFILING STUDY. <i>International Journal of Information Technology and Decision Making</i> , 2012 , 11, 401-426	2.8	18
80	Resource allocation for performance improvement. <i>Annals of Operations Research</i> , 2012 , 196, 459-468	3.2	17
79	Multiple Criteria Decision Making: Foundations and Some Approaches 2012 , 171-183		1
78	Bidding strategies for real-life small loan auctions. <i>Decision Support Systems</i> , 2011 , 51, 31-41	5.6	23
77	Convex cone-based partial order for multiple criteria alternatives. <i>Decision Support Systems</i> , 2011 , 51, 256-261	5.6	10
76	Ratio-based RTS determination in weight-restricted DEA models. <i>European Journal of Operational Research</i> , 2011 , 215, 431-438	5.6	19
75	An interactive weight space reduction procedure for nonlinear multiple objective mathematical programming. <i>Mathematical Programming</i> , 2011 , 127, 425-444	2.1	5
74	Concept-based document classification using Wikipedia and value function. <i>Journal of the Association for Information Science and Technology</i> , 2011 , 62, 2496-2511		7
73	Quantitative Comparison of Approximate Solution Sets for Multicriteria Optimization Problems with Weighted Tchebycheff Preference Function. <i>Operations Research</i> , 2010 , 58, 650-659	2.3	17
72	Progressively interactive evolutionary multi-objective optimization method using generalized polynomial value functions 2010 ,		21
71	Interactive Multiple Objective Programming Methods. <i>Applied Optimization</i> , 2010 , 263-286		3
70	Semantic Content Filtering with Wikipedia and Ontologies 2010 ,		5
69	An Interactive Evolutionary Multiobjective Optimization Method Based on Progressively Approximated Value Functions. <i>IEEE Transactions on Evolutionary Computation</i> , 2010 , 14, 723-739	15.6	180
68	Borrower Decision Aid for people-to-people lending. <i>Decision Support Systems</i> , 2010 , 49, 52-60	5.6	81
67	A flexible approach to ranking with an application to MBA Programs. <i>European Journal of Operational Research</i> , 2010 , 201, 470-476	5.6	21
66	Interactive evolutionary multi-objective optimization for quasi-concave preference functions. <i>European Journal of Operational Research</i> , 2010 , 206, 417-425	5.6	49
65	Efficiency analysis to incorporate interval-scale data. <i>European Journal of Operational Research</i> , 2010 , 207, 1116-1121	5.6	10

64	Bibliometric Analysis of Multiple Criteria Decision Making/Multiattribute Utility Theory. <i>Lecture Notes in Economics and Mathematical Systems</i> , 2010 , 259-268	0.4	22
63	An Interactive Evolutionary Multi-objective Optimization Method Based on Polyhedral Cones. <i>Lecture Notes in Computer Science</i> , 2010 , 318-332	0.9	18
62	Improving efficiency in multiple-unit combinatorial auctions: Bundling bids from multiple bidders. <i>Decision Support Systems</i> , 2009 , 48, 103-111	5.6	7
61	Multiple Criteria Decision Making, Multiattribute Utility Theory: Recent Accomplishments and What Lies Ahead. <i>Management Science</i> , 2008 , 54, 1336-1349	3.9	497
60	An Interactive Search Method Based on User Preferences. <i>Decision Analysis</i> , 2008 , 5, 203-229	1.2	7
59	Inherent biases in decision support systems: the influence of optimistic and pessimistic DSS on choice, affect, and attitudes. <i>Journal of Behavioral Decision Making</i> , 2008 , 21, 45-58	2.4	8
58	Decision support for multi-unit combinatorial bundle auctions. <i>Decision Support Systems</i> , 2007 , 43, 420-434	3.6	29
57	On the influence of a biased decision support model on subjects' behavior. <i>Journal of Business Economics</i> , 2007 , 77, 251-270	2.3	
56	A multi-attribute e-auction mechanism for procurement: Theoretical foundations. <i>European Journal of Operational Research</i> , 2006 , 175, 90-100	5.6	69
55	The Bread/Flour/Grain Trading Game: Bidding in and Designing Auction Events. <i>INFORMS Transactions on Education</i> , 2005 , 5, 42-54	0.3	3
54	A simulation and test of OptiMark's electronic matching algorithm and its simple variations for institutional block trading. <i>Decision Support Systems</i> , 2004 , 36, 235-245	5.6	2
53	Emerging multiple issue e-auctions. <i>European Journal of Operational Research</i> , 2004 , 159, 1-16	5.6	81
52	An Experimental Comparison of a Traditional English Clock Auction and a Web-Based Auction in a Multiple Unit Environment. <i>Electronic Markets</i> , 2003 , 13, 233-241	4.8	1
51	Designing Electronic Auctions: An Internet-Based Hybrid Procedure Combining Aspects of Negotiations and Auctions. <i>Electronic Commerce Research</i> , 2001 , 1, 301-314	2.1	32
50	On Using the AHP in Multiple Objective Linear Programming. <i>Managing Forest Ecosystems</i> , 2001 , 37-50	0.7	
49	Value efficiency analysis of academic research. <i>European Journal of Operational Research</i> , 2001 , 130, 121-132	5.6	128
48	A study of high-level managerial decision processes, with implications for MCDM research. <i>European Journal of Operational Research</i> , 2000 , 120, 496-510	5.6	31
47	Conducting Dyadic Multiple Issue Negotiation Experiments: Methodological Recommendations. <i>Group Decision and Negotiation</i> , 2000 , 9, 347-354	2.5	9

46	Multiple-issue auction and market algorithms for the world wide web. <i>Decision Support Systems</i> , 1999 , 26, 49-66	5.6	65
45	A Value Efficiency Approach to Incorporating Preference Information in Data Envelopment Analysis. <i>Management Science</i> , 1999 , 45, 103-115	3.9	200
44	A Multiple Unit Auction Algorithm: Some Theory and a Web Implementation. <i>Electronic Markets</i> , 1999 , 9, 199-205	4.8	9
43	Letter: Are Pareto Improvements Always Preferred by Negotiators?. <i>Journal of Multi-Criteria Decision Analysis</i> , 1998 , 7, 1-2	1.9	7
42	The Secretary Problem Revisited - The Group Decision-Making Perspective. <i>Group Decision and Negotiation</i> , 1998 , 7, 3-21	2.5	2
41	Structural Comparison of Data Envelopment Analysis and Multiple Objective Linear Programming. <i>Management Science</i> , 1998 , 44, 962-970	3.9	174
40	Choice Behaviour in a Computer-Aided Multiattribute Decision Task. <i>Journal of Multi-Criteria Decision Analysis</i> , 1997 , 6, 233-246	1.9	16
39	Behavioral Issues in MCDM: Neglected Research Questions 1997 , 412-422		10
38	A Decision Model for the Multiple Criteria Group Secretary Problem: Theoretical Considerations. <i>Journal of the Operational Research Society</i> , 1996 , 47, 1046	2	
37	A Decision Model for the Multiple Criteria Group Secretary Problem: Theoretical Considerations. <i>Journal of the Operational Research Society</i> , 1996 , 47, 1046-1053	2	8
36	Behavioural Issues in MCDM: Neglected Research Questions. <i>Journal of Multi-Criteria Decision Analysis</i> , 1996 , 5, 178-182	1.9	29
35	Identifying Pareto-optimal settlements for two-party resource allocation negotiations. <i>European Journal of Operational Research</i> , 1996 , 93, 536-549	5.6	31
34	A reference direction approach to multiple objective integer linear programming. <i>European Journal of Operational Research</i> , 1995 , 81, 176-187	5.6	17
33	Operations research and its practice in Finland [An update. <i>European Journal of Operational Research</i> , 1995 , 87, 435-439	5.6	4
32	The process of multiattribute decision making: A case study of selecting applicants for a Ph.D. program. <i>European Journal of Operational Research</i> , 1994 , 72, 469-484	5.6	21
31	Further Developments and Tests of a Progressive Algorithm for Multiple Criteria Decision Making. <i>Operations Research</i> , 1993 , 41, 1033-1045	2.3	16
30	Testing Prospect Theory in a Deterministic Multiple Criteria Decision-Making Environment*. <i>Decision Sciences</i> , 1993 , 24, 279-294	3.7	28
29	Multiple Criteria Decision Making, Multiattribute Utility Theory: The Next Ten Years. <i>Management Science</i> , 1992 , 38, 645-654	3.9	400

28	A computer graphics-based Decision Support System for multiple objective linear programming. <i>European Journal of Operational Research</i> , 1992 , 60, 280-286	5.6	13
27	Multiple criteria decision support - A review. <i>European Journal of Operational Research</i> , 1992 , 63, 361-375	5.6	158
26	Nonlinear multiple objective optimization: An algorithm and some theory. <i>Mathematical Programming</i> , 1992 , 55, 235-249	2.1	14
25	Nonlinear and unconstrained multiple-objective optimization: Algorithm, computation, and application. <i>Naval Research Logistics</i> , 1991 , 38, 623-635	1.5	11
24	Multiple Objective Analysis of Input-Output Models for Emergency Management. <i>Operations Research</i> , 1990 , 38, 193-201	2.3	35
23	Preference-Order Recursion for Finding Relevant Pure, Admissible and Optimal Statistical Decision Functions*. <i>Decision Sciences</i> , 1990 , 21, 521-532	3.7	3
22	Choice behavior in interactive multiple-criteria decision making. <i>Annals of Operations Research</i> , 1990 , 23, 161-179	3.2	46
21	A multiple objective linear programming decision support system. <i>Decision Support Systems</i> , 1990 , 6, 243-251	5.6	36
20	Using qualitative data in multiple objective linear programming. <i>European Journal of Operational Research</i> , 1990 , 48, 81-87	5.6	47
19	An evolutionary approach to decision-making, with an application to media selection. <i>Mathematical and Computer Modelling</i> , 1989 , 12, 1239-1244		12
18	Testing the Form of a Decision-maker's Multiattribute Value Function Based on Pairwise Preference Information. <i>Journal of the Operational Research Society</i> , 1989 , 40, 299-302	2	10
17	A Careful Look at Efficiency in Multiple Objective Linear Programming. <i>Lecture Notes in Economics and Mathematical Systems</i> , 1989 , 334-344	0.4	1
16	A pareto race. <i>Naval Research Logistics</i> , 1988 , 35, 615-623	1.5	197
15	Operations Research and Its Practice in Finland. <i>Interfaces</i> , 1986 , 16, 53-59	0.7	12
14	Some Theory and an Approach to Solving Sequential Multiple-Criteria Decision Problems. <i>Journal of the Operational Research Society</i> , 1986 , 37, 501-508	2	5
13	An interactive approach to multiple criteria optimization with multiple decision-makers. <i>Naval Research Logistics Quarterly</i> , 1986 , 33, 589-602		48
12	A Progressive Algorithm for Modeling and Solving Multiple-Criteria Decision Problems. <i>Operations Research</i> , 1986 , 34, 726-731	2.3	37
11	Solving the Discrete Multiple Criteria Problem using Convex Cones. <i>Management Science</i> , 1984 , 30, 1336-1345	3.9	174

10	Recent Developments in our Approach to Multiple-Criteria Decision Making. <i>Lecture Notes in Economics and Mathematical Systems</i> , 1984 , 54-62	0.4	1
9	An Interactive Multiple Objective Linear Programming Method for a Class of Underlying Nonlinear Utility Functions. <i>Management Science</i> , 1983 , 29, 519-529	3.9	327
8	Principles for Solving Sequential Multiple Criteria Decision Problems. <i>Lecture Notes in Economics and Mathematical Systems</i> , 1983 , 195-203	0.4	1
7	A Methodology for Solving the Multiple Criteria Macroeconomic Policy Problem. <i>Lecture Notes in Economics and Mathematical Systems</i> , 1983 , 310-333	0.4	1
6	Identifying Efficient Vectors: Some Theory and Computational Results. <i>Operations Research</i> , 1980 , 28, 785-793	2.3	63
5	A Bargaining Model for Solving the Multiple Criteria Problem. <i>Lecture Notes in Economics and Mathematical Systems</i> , 1980 , 178-188	0.4	8
4	Decision-Making with Multiple Objectives Some Analytic Approaches 1979 , 59-68		
3	An Approach to Solving Multiple Criteria Macroeconomic Policy Problems and an Application. <i>Management Science</i> , 1978 , 24, 1021-1030	3.9	38
2	An Interactive Programming Method for Solving the Multiple Criteria Problem. <i>Management Science</i> , 1976 , 22, 652-663	3.9	559
1	Comparative Evaluation of Some Interactive Approaches to Multicriterion Optimization. <i>Management Science</i> , 1975 , 21, 1387-1396	3.9	152