

Tommi Tervonen

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

2,050
citations

304743

22
h-index

265206

42
g-index

45
all docs

45
docs citations

45
times ranked

1650
citing authors

#	ARTICLE	IF	CITATIONS
1	Implementing stochastic multicriteria acceptability analysis. <i>European Journal of Operational Research</i> , 2007, 178, 500-513.	5.7	246
2	Risk-based classification system of nanomaterials. <i>Journal of Nanoparticle Research</i> , 2009, 11, 757-766.	1.9	178
3	A survey on stochastic multicriteria acceptability analysis methods. <i>Journal of Multi-Criteria Decision Analysis</i> , 2008, 15, 1-14.	1.9	174
4	ADDIS: A decision support system for evidence-based medicine. <i>Decision Support Systems</i> , 2013, 55, 459-475.	5.9	170
5	A stochastic method for robustness analysis in sorting problems. <i>European Journal of Operational Research</i> , 2009, 192, 236-242.	5.7	144
6	Hit-And-Run enables efficient weight generation for simulation-based multiple criteria decision analysis. <i>European Journal of Operational Research</i> , 2013, 224, 552-559.	5.7	122
7	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
8	A stochastic multicriteria model for evidence-based decision making in drug benefit-risk analysis. <i>Statistics in Medicine</i> , 2011, 30, 1419-1428.	1.6	88
9	Stochastic ordinal regression for multiple criteria sorting problems. <i>Decision Support Systems</i> , 2013, 55, 55-66.	5.9	84
10	The Use of MCDA in HTA: Great Potential, but More Effort Needed. <i>Value in Health</i> , 2018, 21, 394-397.	0.3	67
11	JSMAA: open source software for SMAA computations. <i>International Journal of Systems Science</i> , 2014, 45, 69-81.	5.5	66
12	Multicriteria benefit-risk assessment using network meta-analysis. <i>Journal of Clinical Epidemiology</i> , 2012, 65, 394-403.	5.0	63
13	Assessing Rationality in Discrete Choice Experiments in Health: An Investigation into the Use of Dominance Tests. <i>Value in Health</i> , 2018, 21, 1192-1197.	0.3	56
14	Robust multi-criteria sorting with the outranking preference model and characteristic profiles. <i>Omega</i> , 2015, 55, 126-140.	5.9	53
15	Applying Multiple Criteria Decision Analysis to Comparative Benefit-Risk Assessment. <i>Medical Decision Making</i> , 2015, 35, 859-871.	2.4	44
16	MCDA swing weighting and discrete choice experiments for elicitation of patient benefit-risk preferences: a critical assessment. <i>Pharmacoepidemiology and Drug Safety</i> , 2017, 26, 1483-1491.	1.9	44
17	Entropy-optimal weight constraint elicitation with additive multi-attribute utility models. <i>Omega</i> , 2016, 64, 1-12.	5.9	39
18	Notes on Hit-And-Run enables efficient weight generation for simulation-based multiple criteria decision analysis™. <i>European Journal of Operational Research</i> , 2014, 239, 865-867.	5.7	31

#	ARTICLE	IF	CITATIONS
19	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
20	Heuristics for prioritizing pair-wise elicitation questions with additive multi-attribute value models. <i>Omega</i> , 2017, 71, 27-45.	5.9	31
21	Modeling project preferences in multiattribute portfolio decision analysis. <i>European Journal of Operational Research</i> , 2017, 263, 225-239.	5.7	26
22	Quantitative release planning in extreme programming. <i>Information and Software Technology</i> , 2011, 53, 1227-1235.	4.4	24
23	Quantifying Preferences in Drug Benefit-Risk Decisions. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 106, 955-959.	4.7	19
24	A multi-criteria decision analysis perspective on the health economic evaluation of medical interventions. <i>European Journal of Health Economics</i> , 2014, 15, 709-716.	2.8	18
25	Maintenance inhaler therapy preferences of patients with asthma or chronic obstructive pulmonary disease: a discrete choice experiment. <i>Thorax</i> , 2020, 75, 735-743.	5.6	18
26	Preference inference with general additive value models and holistic pair-wise statements. <i>European Journal of Operational Research</i> , 2014, 232, 607-612.	5.7	14
27	Patient Preferences for GLP-1 Receptor Agonist Treatment of Type 2 Diabetes Mellitus in Japan: A Discrete Choice Experiment. <i>Diabetes Therapy</i> , 2019, 10, 735-749.	2.5	14
28	Reporting Quality of Marginal Rates of Substitution in Discrete Choice Experiments That Elicit Patient Preferences. <i>Value in Health</i> , 2020, 23, 979-984.	0.3	14
29	A multi-criteria inference approach for anti-desertification management. <i>Journal of Environmental Management</i> , 2015, 162, 9-19.	7.8	13
30	Willingness to Wait for a Vaccine Against COVID-19: Results of a Preference Survey. <i>Patient</i> , 2021, 14, 373-377.	2.7	8
31	Comparing Patient Preferences for Antithrombotic Treatment During the Acute and Chronic Phases of Myocardial Infarction: A Discrete-Choice Experiment. <i>Patient</i> , 2022, 15, 255-266.	2.7	8
32	Comparison of Oral Anticoagulants for Stroke Prevention in Nonvalvular Atrial Fibrillation: A Multicriteria Decision Analysis. <i>Value in Health</i> , 2017, 20, 1394-1402.	0.3	7
33	From Individual to Population Preferences: Comparison of Discrete Choice and Dirichlet Models for Treatment Benefit-Risk Tradeoffs. <i>Medical Decision Making</i> , 2019, 39, 879-885.	2.4	7
34	Personalized benefit-risk assessments combining clinical trial and real-world data provide further insights into which patients may benefit most from therapy: Demonstration for a new oral antiplatelet therapy. <i>Pharmacoepidemiology and Drug Safety</i> , 2019, 28, 443-451.	1.9	6
35	A data model for algorithmic multiple criteria decision analysis. <i>Annals of Operations Research</i> , 2014, 217, 77-94.	4.1	5
36	A Systematic and Critical Review of Discrete Choice Experiments in Asthma and Chronic Obstructive Pulmonary Disease. <i>Patient</i> , 2021, , 1.	2.7	5

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37	Dual-combination maintenance inhaler preferences in asthma and chronic obstructive pulmonary disease: A patient-centered benefit-risk assessment. <i>Respiratory Medicine</i> , 2021, 176, 106278.	2.9	4
38	Multimethod quantitative benefit-risk assessment of treatments for moderate-to-severe osteoarthritis. <i>British Journal of Clinical Pharmacology</i> , 2022, , .	2.4	4
39	The Need for Novel Approaches in Assessing the Value of COVID-19 Vaccines. <i>American Journal of Public Health</i> , 2021, 111, 205-208.	2.7	2
40	Patient Preferences of Low-Dose Aspirin for Cardiovascular Disease and Colorectal Cancer Prevention in Italy: A Latent Class Analysis. <i>Patient</i> , 2021, 14, 661-672.	2.7	2
41	Net clinical benefit of antiplatelet therapy was affected by patient preferences: A personalized benefit-risk assessment. <i>Journal of Clinical Epidemiology</i> , 2022, 144, 84-92.	5.0	2
42	Patient Preferences for Maintenance Treatment of Acute Myeloid Leukemia: Results of a Discrete Choice Experiment. <i>Blood</i> , 2020, 136, 38-39.	1.4	2
43	DUAL-COMBINATION MAINTENANCE INHALER PREFERENCES IN ASTHMA AND COPD: A PATIENT-CENTERED BENEFIT-RISK ASSESSMENT. <i>Chest</i> , 2019, 156, A9-A10.	0.8	0
44	Response to "Letter to the Editor Regarding: Patient Preferences for Glucagon-like Peptide-1 (GLP-1) Receptor Agonist Treatment of Type 2 Diabetes Mellitus in Japan: A Discrete Choice Experiment" • <i>Diabetes Therapy</i> , 2020, 11, 2443-2446.	2.5	0