

Vincent Mousseau

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

3,730
citations

249298

26
h-index

156644

58
g-index

75
all docs

75
docs citations

75
times ranked

1843
citing authors

#	ARTICLE	IF	CITATIONS
1	Preference elicitation for a ranking method based on multiple reference profiles. <i>4or</i> , 2022, 20, 63-84.	1.0	4
2	Learning non-compensatory sorting models using efficient SAT/MaxSAT formulations. <i>European Journal of Operational Research</i> , 2022, 298, 979-1006.	3.5	6
3	Portfolio decision analysis with a generalized balance approach. <i>Computers and Operations Research</i> , 2022, 142, 105705.	2.4	1
4	An interactive approach for inverse multiple criteria sorting problem. <i>Journal of Multi-Criteria Decision Analysis</i> , 2021, 28, 160-169.	1.0	5
5	An interactive algorithm for resource allocation with balance concerns. <i>OR Spectrum</i> , 2021, 43, 983.	2.1	3
6	Identification of Protective Actions to Reduce the Vulnerability of Safety-Critical Systems to Malevolent Intentional Acts: An Optimization-Based Decision-Making Approach. <i>Risk Analysis</i> , 2020, 40, 565-587.	1.5	8
7	Learning monotone preferences using a majority rule sorting model. <i>International Transactions in Operational Research</i> , 2019, 26, 1786-1809.	1.8	30
8	A multi-criteria repair/recovery framework for the tail assignment problem in airlines. <i>Journal of Air Transport Management</i> , 2018, 68, 137-151.	2.4	12
9	Inverse multiple criteria sorting problem. <i>Annals of Operations Research</i> , 2018, 267, 379-412.	2.6	16
10	UTA-poly and UTA-splines: Additive value functions with polynomial marginals. <i>European Journal of Operational Research</i> , 2018, 264, 405-418.	3.5	21
11	A compact optimization model for the tail assignment problem. <i>European Journal of Operational Research</i> , 2018, 264, 548-557.	3.5	20
12	An interactive algorithm for multiple criteria constrained sorting problem. <i>Annals of Operations Research</i> , 2018, 267, 447-466.	2.6	17
13	Reference-based ranking procedure for environmental decision making: Insights from an ex-post analysis. <i>Environmental Modelling and Software</i> , 2018, 99, 11-24.	1.9	2
14	Eliciting Multi-Criteria Preferences: ELECTRE Models. <i>Profiles in Operations Research</i> , 2018, , 349-375.	0.3	10
15	An efficient SAT formulation for learning multiple criteria non-compensatory sorting rules from examples. <i>Computers and Operations Research</i> , 2018, 97, 58-71.	2.4	13
16	Multi-Criteria Sorting with Category Size Restrictions. <i>International Journal of Information Technology and Decision Making</i> , 2017, 16, 5-23.	2.3	16
17	Enumerating and categorizing positive Boolean functions separable by a k -additive capacity. <i>Discrete Applied Mathematics</i> , 2017, 229, 17-30.	0.5	4
18	An empirical classification-based framework for the safety criticality assessment of energy production systems, in presence of inconsistent data. <i>Reliability Engineering and System Safety</i> , 2017, 157, 139-151.	5.1	6

#	ARTICLE	IF	CITATIONS
19	Explaining robust additive utility models by sequences of preference swaps. Theory and Decision, 2017, 82, 151-183.	0.5	7
20	A Population-Based Algorithm for Learning a Majority Rule Sorting Model with Coalitional Veto. Lecture Notes in Computer Science, 2017, , 575-589.	1.0	9
21	A new decision support model for preanesthetic evaluation. Computer Methods and Programs in Biomedicine, 2016, 133, 183-193.	2.6	21
22	ELECTRE Methods. Profiles in Operations Research, 2016, , 155-185.	0.3	80
23	Preference elicitation and learning. EURO Journal on Decision Processes, 2015, 3, 1-3.	1.8	11
24	The effect of bi-criteria conflict on matching-elicited preferences. European Journal of Operational Research, 2015, 242, 951-959.	3.5	3
25	Learning the Parameters of a Non Compensatory Sorting Model. Lecture Notes in Computer Science, 2015, , 153-170.	1.0	12
26	Assessing the Performance of a Classification-Based Vulnerability Analysis Model. Risk Analysis, 2015, 35, 1674-1689.	1.5	5
27	Coupling GIS and Multi-Criteria Modeling to Support Post-Accident Nuclear Risk Evaluation. , 2015, , 401-428.		3
28	Multicriteria Evaluation-Based Framework for Composite Web Service Selection. , 2015, , 167-200.		3
29	An MCDA Approach for Evaluating Hydrogen Storage Systems for Future Vehicles. , 2015, , 501-532.		1
30	Learning criteria weights of an optimistic Electre Tri sorting rule. Computers and Operations Research, 2014, 49, 28-40.	2.4	35
31	Robust ordinal regression for value functions handling interacting criteria. European Journal of Operational Research, 2014, 239, 711-730.	3.5	87
32	Operational tools to build a multicriteria territorial risk scale with multiple stakeholders. Reliability Engineering and System Safety, 2013, 120, 88-97.	5.1	10
33	Learning a Majority Rule Model from Large Sets of Assignment Examples. Lecture Notes in Computer Science, 2013, , 336-350.	1.0	23
34	A note on the ratio of the extreme to the root of the sum of squares in sequences of absolute values of Gaussian variables. , 2013, , 1167-1174.		4
35	Eliciting Electre Tri category limits for a group of decision makers. European Journal of Operational Research, 2012, 223, 133-140.	3.5	45
36	GIS-Based Multicriteria Evaluation Approach for Corridor Siting. Environment and Planning B: Planning and Design, 2012, 39, 287-307.	1.7	19

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37	Robust ordinal regression for multiple criteria group decision: UTAGMS-GROUP and UTADISGMS-GROUP. Decision Support Systems, 2012, 52, 549-561.	3.5	101
38	When conflict induces the expression of incomplete preferences. European Journal of Operational Research, 2012, 221, 593-602.	3.5	20
39	Learning the Parameters of a Multiple Criteria Sorting Method. Lecture Notes in Computer Science, 2011, , 219-233.	1.0	46
40	ELECTREGKMS: Robust ordinal regression for outranking methods. European Journal of Operational Research, 2011, 214, 118-135.	3.5	95
41	An Application of Constrained Multicriteria Sorting to Student Selection. Profiles in Operations Research, 2011, , 213-240.	0.3	6
42	Constrained Multicriteria Sorting Method Applied to Portfolio Selection. Lecture Notes in Computer Science, 2011, , 331-343.	1.0	5
43	Parametrize a territorial risk evaluation scale using multiple experts knowledge through. , 2011, , 2331-2339.		1
44	Multiple criteria sorting with a set of additive value functions. European Journal of Operational Research, 2010, 207, 1455-1470.	3.5	150
45	Robust Ordinal Regression. Profiles in Operations Research, 2010, , 241-283.	0.3	47
46	A new outranking-based approach for assigning alternatives to ordered classes. Naval Research Logistics, 2009, 56, 74-85.	1.4	33
47	Generation of Spatial Decision Alternatives Based on a Planar Subdivision of the Study Area. Lecture Notes in Computer Science, 2009, , 137-148.	1.0	3
48	The Possible and the Necessary for Multiple Criteria Group Decision. Lecture Notes in Computer Science, 2009, , 203-214.	1.0	5
49	Ordinal regression revisited: Multiple criteria ranking using a set of additive value functions. European Journal of Operational Research, 2008, 191, 416-436.	3.5	384
50	Interactive Multiobjective Optimization Using a Set of Additive Value Functions. Lecture Notes in Computer Science, 2008, , 97-119.	1.0	24
51	GIS-based multicriteria spatial modeling generic framework. International Journal of Geographical Information Science, 2008, 22, 1159-1196.	2.2	79
52	Multicriteria Decision Making, Spatial. , 2008, , 747-753.		17
53	Multicriteria Spatial Decision Support Systems. , 2008, , 753-758.		4
54	Towards a shared method to classify contaminated territories in the case of an accidental nuclear event: the PRIME project. WIT Transactions on Information and Communication Technologies, 2008, , .	0.0	1

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55	An algebra for multicriteria spatial modeling. Computers, Environment and Urban Systems, 2007, 31, 572-596.	3.3	25
56	Database design and querying within the fuzzy semantic model. Information Sciences, 2007, 177, 4598-4620.	4.0	23
57	Supporting groups in sorting decisions: Methodology and use of a multi-criteria aggregation/disaggregation DSS. Decision Support Systems, 2007, 43, 1464-1475.	3.5	94
58	Multiple criteria districting problems. Annals of Operations Research, 2007, 154, 69-92.	2.6	69
59	Inferring Electre's veto-related parameters from outranking examples. European Journal of Operational Research, 2006, 170, 172-191.	3.5	99
60	Dealing with inconsistent judgments in multiple criteria sorting models. 4or, 2006, 4, 145-158.	1.0	58
61	Electre Methods. , 2005, , 133-153.		217
62	Valued outranking relations in ELECTRE providing manageable disaggregation procedures. European Journal of Operational Research, 2004, 156, 467-482.	3.5	109
63	IRIS: a DSS for multiple criteria sorting problems. Journal of Multi-Criteria Decision Analysis, 2003, 12, 285-298.	1.0	69
64	Resolving inconsistencies among constraints on the parameters of an MCDA model. European Journal of Operational Research, 2003, 147, 72-93.	3.5	154
65	DU Mode D'implication D'acteurs Multiples Dans Le Cadre De L'utilisation D'un Modèle D'affectation Multicritère : Analyse Au Regard d'une Application À La Tarification Des Transports Publics. Infor, 2002, 40, 199-222.	0.5	3
66	Using assignment examples to infer category limits for the ELECTRE TRI method. Journal of Multi-Criteria Decision Analysis, 2002, 11, 29-43.	1.0	73
67	An aggregation/disaggregation approach to obtain robust conclusions with ELECTRE TRI. European Journal of Operational Research, 2002, 138, 332-348.	3.5	200
68	Using assignment examples to infer weights for ELECTRE TRI method: Some experimental results. European Journal of Operational Research, 2001, 130, 263-275.	3.5	200
69	A user-oriented implementation of the ELECTRE-TRI method integrating preference elicitation support. Computers and Operations Research, 2000, 27, 757-777.	2.4	240
70	Elaboration d'un outil d'aide à la décision en vue de l'évolution de la tarification des transports publics en Ile-de-France. Journal of Decision Systems, 2000, 9, 289-315.	2.2	6
71	Inferring an ELECTRE TRI Model from Assignment Examples. Journal of Global Optimization, 1998, 12, 157-174.	1.1	331
72	A Theoretical Framework for Analysing the Notion of Relative Importance of Criteria. Journal of Multi-Criteria Decision Analysis, 1996, 5, 145-159.	1.0	126

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73	Eliciting Information Concerning the Relative Importance of Criteria. Nonconvex Optimization and Its Applications, 1995, , 17-43.	0.1	41
74	A decomposition based minimax regret approach for inverse multiple criteria sorting problem. 4or, 0, , 1.	1.0	0