Vincent Mousseau

List of Publications by Year
in descending order

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74 papers	3,730 citations	218677 26 h-index	138484 58 g-index
75 all docs	75 docs citations	75 times ranked	1636 citing authors

#	Article	IF	Citations
1	Ordinal regression revisited: Multiple criteria ranking using a set of additive value functions. European Journal of Operational Research, 2008, 191, 416-436.	5.7	384
2	Inferring an ELECTRE TRI Model from Assignment Examples. Journal of Global Optimization, 1998, 12, 157-174.	1.8	331
3	A user-oriented implementation of the ELECTRE-TRI method integrating preference elicitation support. Computers and Operations Research, 2000, 27, 757-777.	4.0	240
4	Electre Methods. , 2005, , 133-153.		217
5	Using assignment examples to infer weights for ELECTRE TRI method: Some experimental results. European Journal of Operational Research, 2001, 130, 263-275.	5.7	200
6	An aggregation/disaggregation approach to obtain robust conclusions with ELECTRE TRI. European Journal of Operational Research, 2002, 138, 332-348.	5.7	200
7	Resolving inconsistencies among constraints on the parameters of an MCDA model. European Journal of Operational Research, 2003, 147, 72-93.	5.7	154
8	Multiple criteria sorting with a set of additive value functions. European Journal of Operational Research, 2010, 207, 1455-1470.	5.7	150
9	A Theoretical Framework for Analysing the Notion of Relative Importance of Criteria. Journal of Multi-Criteria Decision Analysis, 1996, 5, 145-159.	1.9	126
10	Valued outranking relations in ELECTRE providing manageable disaggregation procedures. European Journal of Operational Research, 2004, 156, 467-482.	5.7	109
11	Robust ordinal regression for multiple criteria group decision: UTAGMS-GROUP and UTADISGMS-GROUP. Decision Support Systems, 2012, 52, 549-561.	5.9	101
12	Inferring Electreâ€™s veto-related parameters from outranking examples. European Journal of Operational Research, 2006, 170, 172-191.	5.7	99
13	ELECTREGKMS: Robust ordinal regression for outranking methods. European Journal of Operational Research, 2011, 214, 118-135.	5.7	95
14	Supporting groups in sorting decisions: Methodology and use of a multi-criteria aggregation/disaggregation DSS. Decision Support Systems, 2007, 43, 1464-1475.	5.9	94
15	Robust ordinal regression for value functions handling interacting criteria. European Journal of Operational Research, 2014, 239, 711-730.	5.7	87
16	ELECTRE Methods. Profiles in Operations Research, 2016, , 155-185.	0.4	80
17	GISâ€based multicriteria spatial modeling generic framework. International Journal of Geographical Information Science, 2008, 22, 1159-1196.	4.8	79
18	Using assignment examples to infer category limits for the ELECTRE TRI method. Journal of Multi-Criteria Decision Analysis, 2002, 11, 29-43.	1.9	73

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19	IRIS: a DSS for multiple criteria sorting problems. Journal of Multi-Criteria Decision Analysis, 2003, 12, 285-298.	1.9	69
20	Multiple criteria districting problems. Annals of Operations Research, 2007, 154, 69-92.	4.1	69
21	Dealing with inconsistent judgments in multiple criteria sorting models. 4or, 2006, 4, 145-158.	1.6	58
22	Robust Ordinal Regression. Profiles in Operations Research, 2010, , 241-283.	0.4	47
23	Learning the Parameters of a Multiple Criteria Sorting Method. Lecture Notes in Computer Science, 2011, , 219-233.	1.3	46
24	Eliciting Electre Tri category limits for a group of decision makers. European Journal of Operational Research, 2012, 223, 133-140.	5.7	45
25	Eliciting Information Concerning the Relative Importance of Criteria. Nonconvex Optimization and Its Applications, 1995, , 17-43.	0.1	41
26	Learning criteria weights of an optimistic Electre Tri sorting rule. Computers and Operations Research, 2014, 49, 28-40.	4.0	35
27	A new outrankingâ€based approach for assigning alternatives to ordered classes. Naval Research Logistics, 2009, 56, 74-85.	2.2	33
28	Learning monotone preferences using a majority rule sorting model. International Transactions in Operational Research, 2019, 26, 1786-1809.	2.7	30
29	An algebra for multicriteria spatial modeling. Computers, Environment and Urban Systems, 2007, 31, 572-596.	7.1	25
30	Interactive Multiobjective Optimization Using a Set of Additive Value Functions. Lecture Notes in Computer Science, 2008, , 97-119.	1.3	24
31	Database design and querying within the fuzzy semantic model. Information Sciences, 2007, 177, 4598-4620.	6.9	23
32	Learning a Majority Rule Model from Large Sets of Assignment Examples. Lecture Notes in Computer Science, 2013, , 336-350.	1.3	23
33	A new decision support model for preanesthetic evaluation. Computer Methods and Programs in Biomedicine, 2016, 133, 183-193.	4.7	21
34	UTA-poly and UTA-splines: Additive value functions with polynomial marginals. European Journal of Operational Research, 2018, 264, 405-418.	5.7	21
35	When conflict induces the expression of incomplete preferences. European Journal of Operational Research, 2012, 221, 593-602.	5.7	20
36	A compact optimization model for the tail assignment problem. European Journal of Operational Research, 2018, 264, 548-557.	5.7	20

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37	GIS-Based Multicriteria Evaluation Approach for Corridor Siting. Environment and Planning B: Planning and Design, 2012, 39, 287-307.	1.7	19
38	An interactive algorithm for multiple criteria constrained sorting problem. Annals of Operations Research, 2018, 267, 447-466.	4.1	17
39	Multicriteria Decision Making, Spatial. , 2008, , 747-753.		17
40	Multi-Criteria Sorting with Category Size Restrictions. International Journal of Information Technology and Decision Making, 2017, 16, 5-23.	3.9	16
41	Inverse multiple criteria sorting problem. Annals of Operations Research, 2018, 267, 379-412.	4.1	16
42	An efficient SAT formulation for learning multiple criteria non-compensatory sorting rules from examples. Computers and Operations Research, 2018, 97, 58-71.	4.0	13
43	Learning the Parameters of a Non Compensatory Sorting Model. Lecture Notes in Computer Science, 2015, , 153-170.	1.3	12
44	A multi-criteria repair/recovery framework for the tail assignment problem in airlines. Journal of Air Transport Management, 2018, 68, 137-151.	4.5	12
45	Preference elicitation and learning. EURO Journal on Decision Processes, 2015, 3, 1-3.	2.7	11
46	Operational tools to build a multicriteria territorial risk scale with multiple stakeholders. Reliability Engineering and System Safety, 2013, 120, 88-97.	8.9	10
47	Eliciting Multi-Criteria Preferences: ELECTRE Models. Profiles in Operations Research, 2018, , 349-375.	0.4	10
48	A Population-Based Algorithm for Learning a Majority Rule Sorting Model with Coalitional Veto. Lecture Notes in Computer Science, 2017, , 575-589.	1.3	9
49	Identification of Protective Actions to Reduce the Vulnerability of Safetyâ€Critical Systems to Malevolent Intentional Acts: An Optimizationâ€Based Decisionâ€Making Approach. Risk Analysis, 2020, 40, 565-587.	2.7	8
50	Explaining robust additive utility models by sequences of preference swaps. Theory and Decision, 2017, 82, 151-183.	1.0	7
51	Elaboration d'un outil d'aide Ã la dÃ©cision en vue de lâ€™Ã©volution de la tarification des transports publics en Ile-de-France. Journal of Decision Systems, 2000, 9, 289-315.	3.2	6
52	An Application of Constrained Multicriteria Sorting to Student Selection. Profiles in Operations Research, 2011, , 213-240.	0.4	6
53	An empirical classification-based framework for the safety criticality assessment of energy production systems, in presence of inconsistent data. Reliability Engineering and System Safety, 2017, 157, 139-151.	8.9	6
54	Learning non-compensatory sorting models using efficient SAT/MaxSAT formulations. European Journal of Operational Research, 2022, 298, 979-1006.	5.7	6

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55	Assessing the Performance of a Classification-Based Vulnerability Analysis Model. Risk Analysis, 2015, 35, 1674-1689.	2.7	5
56	An interactive approach for inverse multiple criteria sorting problem. Journal of Multi-Criteria Decision Analysis, 2021, 28, 160-169.	1.9	5
57	The Possible and the Necessary for Multiple Criteria Group Decision. Lecture Notes in Computer Science, 2009, , 203-214.	1.3	5
58	Constrained Multicriteria Sorting Method Applied to Portfolio Selection. Lecture Notes in Computer Science, 2011, , 331-343.	1.3	5
59	Enumerating and categorizing positive Boolean functions separable by a k-additive capacity. Discrete Applied Mathematics, 2017, 229, 17-30.	0.9	4
60	Preference elicitation for a ranking method based on multiple reference profiles. 4or, 2022, 20, 63-84.	1.6	4
61	Multicriteria Spatial Decision Support Systems. , 2008, , 753-758.		4
62	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
63	DU Mode Dâ€™implication Dâ€™acteurs Multiples Dans Le Cadre De Lâ€™utilisation Dâ€™un MOdÃ¨le Dâ€™affectation MulticritÃ¨re : Analyse Au Regard Dâ€™une Application Ã La Tarification Des Transports Publics. Infor, 2002, 40, 199-222.	0.6	3
64	The effect of bi-criteria conflict on matching-elicited preferences. European Journal of Operational Research, 2015, 242, 951-959.	5.7	3
65	An interactive algorithm for resource allocation with balance concerns. OR Spectrum, 2021, 43, 983.	3.4	3
66	Generation of Spatial Decision Alternatives Based on a Planar Subdivision of the Study Area. Lecture Notes in Computer Science, 2009, , 137-148.	1.3	3
67	Coupling GIS and Multi-Criteria Modeling to Support Post-Accident Nuclear Risk Evaluation. , 2015, , 401-428.		3
68	Multicriteria Evaluation-Based Framework for Composite Web Service Selection. , 2015, , 167-200.		3
69	Reference-based ranking procedure for environmental decision making: Insights from an ex-post analysis. Environmental Modelling and Software, 2018, 99, 11-24.	4.5	2
70	Parametrize a territorial risk evaluation scale using multiple experts knowledge through. , 2011, , 2331-2339.		1
71	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
72	An MCDA Approach for Evaluating Hydrogen Storage Systems for Future Vehicles. , 2015, , 501-532.		1

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73	Portfolio decision analysis with a generalized balance approach. Computers and Operations Research, 2022, 142, 105705.	4.0	1
74	A decomposition based minimax regret approach for inverse multiple criteria sorting problem. 4or, 0, , 1.	1.6	0