

Denis Bouyssou

List of Publications by Citations

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

79
papers

1,544
citations

20
h-index

38
g-index

90
ext. papers

1,767
ext. citations

2.4
avg, IF

4.96
L-index

#	Paper	IF	Citations
79	Evaluation and Decision Models. <i>Profiles in Operations Research</i> , 2000 ,	1	167
78	Some remarks on the notion of compensation in MCDM. <i>European Journal of Operational Research</i> , 1986 , 26, 150-160	5.6	142
77	Should you believe in the Shanghai ranking?. <i>Scientometrics</i> , 2010 , 84, 237-263	3	116
76	An axiomatic approach to noncompensatory sorting methods in MCDM, I: The case of two categories. <i>European Journal of Operational Research</i> , 2007 , 178, 217-245	5.6	89
75	Building Criteria: A Prerequisite for MCDA 1990 , 58-80		89
74	An axiomatic approach to noncompensatory sorting methods in MCDM, II: More than two categories. <i>European Journal of Operational Research</i> , 2007 , 178, 246-276	5.6	77
73	Ranking methods based on valued preference relations: A characterization of the net flow method. <i>European Journal of Operational Research</i> , 1992 , 60, 61-67	5.6	77
72	Noncompensatory and generalized noncompensatory preference structures. <i>Theory and Decision</i> , 1986 , 21, 251-266	0.8	64
71	Ranking scientists and departments in a consistent manner. <i>Journal of the Association for Information Science and Technology</i> , 2011 , 62, 1761-1769		61
70	Outranking Relations: Do They Have Special Properties?. <i>Journal of Multi-Criteria Decision Analysis</i> , 1996 , 5, 99-111	1.9	57
69	Nontransitive Decomposable Conjoint Measurement. <i>Journal of Mathematical Psychology</i> , 2002 , 46, 677-703	1.9	46
68	Bibliometric rankings of journals based on Impact Factors: An axiomatic approach. <i>Journal of Informetrics</i> , 2011 , 5, 75-86	3.1	41
67	A characterization of concordance relations. <i>European Journal of Operational Research</i> , 2005 , 167, 427-443	3.1	31
66	Preferences for multi-attributed alternatives: Traces, dominance, and numerical representations. <i>Journal of Mathematical Psychology</i> , 2004 , 48, 167-185	1.2	29
65	Consistent bibliometric rankings of authors and of journals. <i>Journal of Informetrics</i> , 2010 , 4, 365-378	3.1	27
64	Ranking authors using fractional counting of citations: An axiomatic approach. <i>Journal of Informetrics</i> , 2016 , 10, 183-199	3.1	26
63	Ranking Alternatives on the Basis of Preference Relations: A Progress Report with Special Emphasis on Outranking Relations. <i>Journal of Multi-Criteria Decision Analysis</i> , 1997 , 6, 77-85	1.9	26

62	On the relations between ELECTRE TRI-B and ELECTRE TRI-C and on a new variant of ELECTRE TRI-B. <i>European Journal of Operational Research</i> , 2015 , 242, 201-211	5.6	25
61	An axiomatic approach to bibliometric rankings and indices. <i>Journal of Informetrics</i> , 2014 , 8, 449-477	3.1	25
60	Modelling Inaccurate Determination, Uncertainty, Imprecision Using Multiple Criteria. <i>Lecture Notes in Economics and Mathematical Systems</i> , 1989 , 78-87	0.4	25
59	Additive difference models without additivity and subtractivity. <i>Journal of Mathematical Psychology</i> , 2004 , 48, 263-291	1.2	19
58	Further results on concordance relations. <i>European Journal of Operational Research</i> , 2007 , 181, 505-514	5.6	17
57	A note on the sum of differences choice function for fuzzy preference relations. <i>Fuzzy Sets and Systems</i> , 1992 , 47, 197-202	3.7	17
56	Acyclic fuzzy preferences and the Orlovsky choice function: A note. <i>Fuzzy Sets and Systems</i> , 1997 , 89, 107-111	3.7	16
55	An axiomatic analysis of concordance-discordance relations. <i>European Journal of Operational Research</i> , 2009 , 199, 468-477	5.6	15
54	Monotonicity of ranking by choosing: A progress report. <i>Social Choice and Welfare</i> , 2004 , 23, 249	0.7	13
53	Following the traces. <i>European Journal of Operational Research</i> , 2005 , 163, 287-337	5.6	13
52	Multiattribute preference models with reference points. <i>European Journal of Operational Research</i> , 2013 , 229, 470-481	5.6	12
51	Necessary and possible interaction between criteria in a 2-additive Choquet integral model. <i>European Journal of Operational Research</i> , 2020 , 283, 308-320	5.6	11
50	Conjoint Measurement without Additivity and Transitivity. <i>Mathematical Modelling: Theory and Applications</i> , 1999 , 13-29		10
49	On Some Properties of Outranking Relations Based on a Concordance-Discordance Principle 1992 , 93-106		10
48	A Characterization of Strict Concordance Relations. <i>Profiles in Operations Research</i> , 2002 , 121-145	1	10
47	Biorders with Frontier. <i>Order</i> , 2011 , 28, 53-87	0.5	9
46	Additive conjoint measurement with ordered categories. <i>European Journal of Operational Research</i> , 2010 , 203, 195-204	5.6	8
45	A Conjoint Measurement Approach to the Discrete Sugeno Integral. <i>Studies in Choice and Welfare</i> , 2009 , 85-109	1	7

44	The \square ranking and the \square measure for directed networks: Axiomatic characterizations. <i>Social Networks</i> , 2018 , 52, 145-153	3.9	6
43	Conjoint Measurement Tools for MCDM 2005 , 73-112		6
42	A consolidated approach to the axiomatization of outranking relations: a survey and new results. <i>Annals of Operations Research</i> , 2015 , 229, 159-212	3.2	5
41	Social Choice Theory and Multicriteria Decision Aiding 779-810		5
40	Eleven surveys in Operations Research. <i>Annals of Operations Research</i> , 2007 , 153, 3-7	3.2	5
39	A case of plagiarism: D \square u \square Marcu. <i>4or</i> , 2006 , 4, 11-13	1.4	5
38	4OR for what purpose?. <i>4or</i> , 2003 , 1, 1	1.4	5
37	Conjoint Measurement Tools for MCDM. <i>Profiles in Operations Research</i> , 2016 , 97-151	1	5
36	Choosing and Ranking on the Basis of Fuzzy Preference Relations with the \square Min in Favor \square Lecture Notes in Economics and Mathematical Systems, 1997 , 115-127	0.4	5
35	A note on the asymmetric part of an outranking relation. <i>International Transactions in Operational Research</i> , 2015 , 22, 883-912	2.9	4
34	4OR: Year 4. <i>4or</i> , 2006 , 4, 1-9	1.4	4
33	Democracy and efficiency: A note on \square Arrow's theorem is not a surprising result \square <i>European Journal of Operational Research</i> , 1992 , 58, 427-430	5.6	4
32	Conjoint Measurement Models for Preference Relations 617-672		3
31	Eleven surveys in operations research: II. <i>Annals of Operations Research</i> , 2010 , 175, 3-8	3.2	3
30	On some ordinal models for decision making under uncertainty. <i>Annals of Operations Research</i> , 2008 , 163, 19-48	3.2	3
29	A note on Wakker's Cardinal Coordinate Independence. <i>Mathematical Social Sciences</i> , 2004 , 48, 11-22	0.7	3
28	A Note on the \square Min in Favor \square Choice Procedure for Fuzzy Preference Relations. <i>Nonconvex Optimization and Its Applications</i> , 1995 , 9-16		3
27	Multicriteria decision-aid, Vincke, Ph., Chichester: Wiley, 1992. <i>Journal of Multi-Criteria Decision Analysis</i> , 1994 , 3, 131-131	1.9	3

26	Building Recommendations 2015 , 89-113		2
25	Subjective expected utility without preferences. <i>Journal of Mathematical Psychology</i> , 2011 , 55, 457-468	1.2	2
24	Necessary and Possible Interaction Between Criteria in a General Choquet Integral Model. <i>Communications in Computer and Information Science</i> , 2020 , 457-466	0.3	2
23	Faut-il croire le classement de Shanga. <i>Revue De La Régulation</i> , 2010 ,	0.6	2
22	A characterization of two disproportionality and malapportionment indices: the Duncan and Duncan index and the Lijphart index. <i>Annals of Operations Research</i> , 2020 , 284, 147-163	3.2	2
21	The size of the maximum antichains in products of linear orders. <i>Top</i> , 2021 , 29, 648-659	1.3	2
20	Aiding to Decide: Concepts and Issues 2015 , 17-34		1
19	Binary Relations and Preference Modeling	49-84	1
18	Une Introduction à la Modélisation Des Préférences Cet article est une version révisée et augmentée de Bouyssou et Vincke (1998). Nous tenons à remercier les arbitres anonymes de cette revue pour leurs commentaires constructifs. Nous restons toutefois seuls responsables des erreurs ou omissions qui pourraient subsister.. <i>Infor</i> , 2002 , 40, 307-317	0.5	1
17	Modelling Preferences 2015 , 35-87		1
16	An MCDA Approach for Evaluating Hydrogen Storage Systems for Future Vehicles 2015 , 501-532		1
15	A note on ELECTRE TRI-nB with few limiting profiles. <i>4or</i> ,1	1.4	1
14	Unit representation of semiorders II: The general case. <i>Journal of Mathematical Psychology</i> , 2021 , 103, 102568	1.2	1
13	A theoretical look at Electre Tri-nB and related sorting models. <i>4or</i> ,1	1.4	1
12	Human Decision: Recognition plus Reasoning	157-197	0
11	Bi-semiorders with frontiers on finite sets. <i>Journal of Mathematical Psychology</i> , 2015 , 66, 6-15	1.2	
10	From Decision Theory to Decision-aiding Methodology	1-47	
9	Introduction to topics on preference modelling. <i>Annals of Operations Research</i> , 1998 , 80, 0-0	3.2	

- 8 A Proustian experience with an uncut gem. *Journal of Multi-Criteria Decision Analysis*, **2006**, 14, 195-200 1.9
- 7 Axiomatic characterization of the χ^2 dissimilarity measure. *Aequationes Mathematicae*, **2011**, 75, 1-10 0.7
- 6 Necessary and Possible Interaction in a 2-Maxitive Sugeno Integral Model. *Lecture Notes in Computer Science*, **2021**, 323-337 0.9
- 5 Chain Representations of Nested Families of Biorders. *Studies in Systems, Decision and Control*, **2020**, 143-169 0.8
- 4 A Note on Candeal and Indurkhya's Semiorder Separability Condition. *Studies in Systems, Decision and Control*, **2020**, 129-141 0.8
- 3 Bernard Roy. *Profiles in Operations Research*, **2011**, 753-773 1
- 2 Unit representation of semiorders I: Countable sets. *Journal of Mathematical Psychology*, **2021**, 103, 1025-1066 1.66
- 1 Study of the Instability of the Sign of the Nonadditivity Index in a Choquet Integral Model. *Communications in Computer and Information Science*, **2022**, 197-209 0.3