

# Denis Bouyssou

## List of Publications by Year in descending order

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Version: 2024-02-01

81  
papers

1,975  
citations

361388

20  
h-index

276858

41  
g-index

90  
all docs

90  
docs citations

90  
times ranked

1050  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the interpretation of the interaction index between criteria in a Choquet integral model. Fuzzy Sets and Systems, 2022, , .	2.7	0
2	The size of the maximum antichains in products of linear orders. Top, 2021, 29, 648-659.	1.6	2
3	Unit representation of semiorders I: Countable sets. Journal of Mathematical Psychology, 2021, 103, 102566.	1.8	0
4	Unit representation of semiorders II: The general case. Journal of Mathematical Psychology, 2021, 103, 102568.	1.8	1
5	Necessary and Possible Interaction in a 2-Maxitive Sugeno Integral Model. Lecture Notes in Computer Science, 2021, , 323-337.	1.3	0
6	A characterization of two disproportionality and malapportionment indices: the Duncan and Duncan index and the Lijphart index. Annals of Operations Research, 2020, 284, 147-163.	4.1	3
7	Necessary and possible interaction between criteria in a 2-additive Choquet integral model. European Journal of Operational Research, 2020, 283, 308-320.	5.7	25
8	Chain Representations of Nested Families of Biorders. Studies in Systems, Decision and Control, 2020, , 143-169.	1.0	0
9	A Note on Candeal and Indurã™s Semiorde Separability Condition. Studies in Systems, Decision and Control, 2020, , 129-141.	1.0	0
10	Necessary and Possible Interaction Between Criteria in a General Choquet Integral Model. Communications in Computer and Information Science, 2020, , 457-466.	0.5	2
11	The $\hat{\rho}^2$ -ranking and the $\hat{\rho}^2$ -measure for directed networks: Axiomatic characterizations. Social Networks, 2018, 52, 145-153.	2.1	7
12	Ranking authors using fractional counting of citations: An axiomatic approach. Journal of Informetrics, 2016, 10, 183-199.	2.9	33
13	Conjoint Measurement Tools for MCDM. Profiles in Operations Research, 2016, , 97-151.	0.4	11
14	A note on the asymmetric part of an outranking relation. International Transactions in Operational Research, 2015, 22, 883-912.	2.7	4
15	Building Recommendations. , 2015, , 89-113.		2
16	Aiding to Decide: Concepts and Issues. , 2015, , 17-34.		1
17	Bi-semiorders with frontiers on finite sets. Journal of Mathematical Psychology, 2015, 66, 6-15.	1.8	0
18	A consolidated approach to the axiomatization of outranking relations: a survey and new results. Annals of Operations Research, 2015, 229, 159-212.	4.1	6

#	ARTICLE	IF	CITATIONS
19	On the relations between ELECTRE TRI-B and ELECTRE TRI-C and on a new variant of ELECTRE TRI-B. European Journal of Operational Research, 2015, 242, 201-211.	5.7	38
20	Modelling Preferences. , 2015, , 35-87.		1
21	An MCDA Approach for Evaluating Hydrogen Storage Systems for Future Vehicles. , 2015, , 501-532.		1
22	An axiomatic approach to bibliometric rankings and indices. Journal of Informetrics, 2014, 8, 449-477.	2.9	29
23	Multiattribute preference models with reference points. European Journal of Operational Research, 2013, 229, 470-481.	5.7	16
24	Subjective expected utility without preferences. Journal of Mathematical Psychology, 2011, 55, 457-468.	1.8	3
25	Biorders with Frontier. Order, 2011, 28, 53-87.	0.5	9
26	Ranking scientists and departments in a consistent manner. Journal of the Association for Information Science and Technology, 2011, 62, 1761-1769.	2.6	82
27	Bibliometric rankings of journals based on Impact Factors: An axiomatic approach. Journal of Informetrics, 2011, 5, 75-86.	2.9	53
28	Bernard Roy. Profiles in Operations Research, 2011, , 753-773.	0.4	0
29	Eleven surveys in operations research: II. Annals of Operations Research, 2010, 175, 3-8.	4.1	7
30	Should you believe in the Shanghai ranking?. Scientometrics, 2010, 84, 237-263.	3.0	147
31	Consistent bibliometric rankings of authors and of journals. Journal of Informetrics, 2010, 4, 365-378.	2.9	32
32	Additive conjoint measurement with ordered categories. European Journal of Operational Research, 2010, 203, 195-204.	5.7	9
33	Faut-il croire le classement de ShangaÃ? Revue De La RÃ©gulation, 2010, , .	0.2	4
34	No 7-year itch at 4OR. 4or, 2009, 7, 1-15.	1.6	5
35	Plagiarism again: Sreenivas and Srinivas, with an update on Marcu. 4or, 2009, 7, 17-20.	1.6	10
36	An axiomatic analysis of concordanceâdiscordance relations. European Journal of Operational Research, 2009, 199, 468-477.	5.7	16

#	ARTICLE	IF	CITATIONS
37	A Conjoint Measurement Approach to the Discrete Sugeno Integral. <i>Studies in Choice and Welfare</i> , 2009, , 85-109.	0.2	9
38	On some ordinal models for decision making under uncertainty. <i>Annals of Operations Research</i> , 2008, 163, 19-48.	4.1	4
39	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.	5.7	98
40	Further results on concordance relations. <i>European Journal of Operational Research</i> , 2007, 181, 505-514.	5.7	18
41	Eleven surveys in Operations Research. <i>Annals of Operations Research</i> , 2007, 153, 3-7.	4.1	10
42	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.	5.7	119
43	A case of plagiarism: Dănuș Marcu. <i>4or</i> , 2006, 4, 11-13.	1.6	13
44	4OR: Year 4. <i>4or</i> , 2006, 4, 1-9.	1.6	8
45	A Proustian experience with an uncut gem. <i>Journal of Multi-Criteria Decision Analysis</i> , 2006, 14, 195-200.	1.9	0
46	Following the traces:. <i>European Journal of Operational Research</i> , 2005, 163, 287-337.	5.7	15
47	A characterization of concordance relations. <i>European Journal of Operational Research</i> , 2005, 167, 427-443.	5.7	33
48	Conjoint Measurement Tools for MCDM. , 2005, , 73-112.		9
49	Monotonicity of ?ranking by choosing?: A progress report. <i>Social Choice and Welfare</i> , 2004, 23, 249.	0.8	18
50	EURO Young Scientists: Preface to the Feature Cluster on the First ORP3 Conference. <i>European Journal of Operational Research</i> , 2004, 153, 531-533.	5.7	0
51	Preferences for multi-attributed alternatives: Traces, dominance, and numerical representations. <i>Journal of Mathematical Psychology</i> , 2004, 48, 167-185.	1.8	32
52	â€Additive differenceâ€™ models without additivity and subtractivity. <i>Journal of Mathematical Psychology</i> , 2004, 48, 263-291.	1.8	20
53	A note on Wakker's Cardinal Coordinate Independence. <i>Mathematical Social Sciences</i> , 2004, 48, 11-22.	0.5	4
54	4OR for what purpose?. <i>4or</i> , 2003, 1, 1.	1.6	8

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55	Une Introduction À La Modélisation Des Préférences <sup>1</sup> . Infor, 2002, 40, 307-317.	0.6	1
56	Nontransitive Decomposable Conjoint Measurement. Journal of Mathematical Psychology, 2002, 46, 677-703.	1.8	49
57	A Characterization of Strict Concordance Relations. Profiles in Operations Research, 2002, , 121-145.	0.4	11
58	Outranking Methods. , 2001, , 1919-1925.		16
59	Evaluation and Decision Models. Profiles in Operations Research, 2000, , .	0.4	203
60	On Aggregation Models Leading to Valued Preference Relations. Electronic Notes in Discrete Mathematics, 1999, 2, 182.	0.4	0
61	Conjoint Measurement without Additivity and Transitivity. Mathematical Modelling: Theory and Applications, 1999, , 13-29.	0.2	12
62	Introduction to topics on preference modelling. Annals of Operations Research, 1998, 80, 0-0.	4.1	2
63	Acyclic fuzzy preferences and the Orlovsky choice function: A note. Fuzzy Sets and Systems, 1997, 89, 107-111.	2.7	19
64	Ranking Alternatives on the Basis of Preference Relations: A Progress Report with Special Emphasis on Outranking Relations. Journal of Multi-Criteria Decision Analysis, 1997, 6, 77-85.	1.9	32
65	Choosing and Ranking on the Basis of Fuzzy Preference Relations with the "Min in Favor" Lecture Notes in Economics and Mathematical Systems, 1997, , 115-127.	0.3	11
66	Outranking Relations: Do They Have Special Properties?. Journal of Multi-Criteria Decision Analysis, 1996, 5, 99-111.	1.9	67
67	A Note on the "Min in Favor"™ Choice Procedure for Fuzzy Preference Relations. Nonconvex Optimization and Its Applications, 1995, , 9-16.	0.1	4
68	Multicriteria decision aid, Vincke, Ph., Chichester: Wiley, 1992. Journal of Multi-Criteria Decision Analysis, 1994, 3, 131-131.	1.9	17
69	Democracy and efficiency: A note on Arrow's theorem is not a surprising result. European Journal of Operational Research, 1992, 58, 427-430.	5.7	4
70	A note on the sum of differences choice function for fuzzy preference relations. Fuzzy Sets and Systems, 1992, 47, 197-202.	2.7	19
71	Ranking methods based on valued preference relations: A characterization of the net flow method. European Journal of Operational Research, 1992, 60, 61-67.	5.7	96
72	On Some Properties of Outranking Relations Based on a Concordance-Discordance Principle. , 1992, , 93-106.		18

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73	Building Criteria: A Prerequisite for MCDA. , 1990, , 58-80.		119
74	Modelling Inaccurate Determination, Uncertainty, Imprecision Using Multiple Criteria. Lecture Notes in Economics and Mathematical Systems, 1989, , 78-87.	0.3	27
75	Noncompensatory and generalized noncompensatory preference structures. Theory and Decision, 1986, 21, 251-266.	1.0	72
76	Some remarks on the notion of compensation in MCDM. European Journal of Operational Research, 1986, 26, 150-160.	5.7	167
77	Conjoint Measurement Models for Preference Relations. , 0, , 617-672.		3
78	Social Choice Theory and Multicriteria Decision Aiding. , 0, , 779-810.		7
79	A note on ELECTRE TRI-nB with few limiting profiles. 4or, 0, , 1.	1.6	2
80	Axiomatic characterization of the $\chi^2$ dissimilarity measure. Aequationes Mathematicae, 0, , 1.	0.8	0
81	A theoretical look at Electre Tri-nB and related sorting models. 4or, 0, , 1.	1.6	3