# Denis Bouyssou

## List of Publications by Year in Descending Order

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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.

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|---|---|---|---|
| 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 | 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 | |
| 78 | Necessary and Possible Interaction in a 2-Maxitive Sugeno Integral Model. *Lecture Notes in Computer Science*, **2021**, 323-337 | 0.9 | |
| 77 | The size of the maximum antichains in products of linear orders. *Top*, **2021**, 29, 648-659 | 1.3 | 2 |
| 76 | Unit representation of semiorders I: Countable sets. *Journal of Mathematical Psychology*, **2021**, 103, 102566 | 1.2 | |
| 75 | Unit representation of semiorders II: The general case. *Journal of Mathematical Psychology*, **2021**, 103, 102568 | 1.2 | 1 |
| 74 | Necessary and Possible Interaction Between Criteria in a General Choquet Integral Model. *Communications in Computer and Information Science*, **2020**, 457-466 | 0.3 | 2 |
| 73 | Chain Representations of Nested Families of Biorders. *Studies in Systems, Decision and Control*, **2020**, 143-169 | 0.8 | |
| 72 | A Note on Candeal and Induráin Semiorder Separability Condition. *Studies in Systems, Decision and Control*, **2020**, 129-141 | 0.8 | |
| 71 | Necessary and possible interaction between criteria in a 2-additive Choquet integral model. *European Journal of Operational Research*, **2020**, 283, 308-320 | 5.6 | 11 |
| 70 | 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 | 3.2 | 2 |
| 69 | The □ranking and the □measure for directed networks: Axiomatic characterizations. *Social Networks*, **2018**, 52, 145-153 | 3.9 | 6 |
| 68 | Ranking authors using fractional counting of citations: An axiomatic approach. *Journal of Informetrics*, **2016**, 10, 183-199 | 3.1 | 26 |
| 67 | Conjoint Measurement Tools for MCDM. *Profiles in Operations Research*, **2016**, 97-151 | 1 | 5 |
| 66 | Building Recommendations **2015**, 89-113 | | 2 |
| 65 | Aiding to Decide: Concepts and Issues **2015**, 17-34 | | 1 |
| 64 | Bi-semiorders with frontiers on finite sets. *Journal of Mathematical Psychology*, **2015**, 66, 6-15 | 1.2 | |
| 63 | A consolidated approach to the axiomatization of outranking relations: a survey and new results. *Annals of Operations Research*, **2015**, 229, 159-212 | 3.2 | 5 |

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| 62 | 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 | 5.6 | 25 |
| 61 | A note on the asymmetric part of an outranking relation. *International Transactions in Operational Research*, **2015**, 22, 883-912 | 2.9 | 4 |
| 60 | Modelling Preferences **2015**, 35-87 | | 1 |
| 59 | An MCDA Approach for Evaluating Hydrogen Storage Systems for Future Vehicles **2015**, 501-532 | | 1 |
| 58 | An axiomatic approach to bibliometric rankings and indices. *Journal of Informetrics*, **2014**, 8, 449-477 | 3.1 | 25 |
| 57 | Multiattribute preference models with reference points. *European Journal of Operational Research*, **2013**, 229, 470-481 | 5.6 | 12 |
| 56 | Subjective expected utility without preferences. *Journal of Mathematical Psychology*, **2011**, 55, 457-468 | 1.2 | 2 |
| 55 | Biorders with Frontier. *Order*, **2011**, 28, 53-87 | 0.5 | 9 |
| 54 | Ranking scientists and departments in a consistent manner. *Journal of the Association for Information Science and Technology*, **2011**, 62, 1761-1769 | | 61 |
| 53 | Bibliometric rankings of journals based on Impact Factors: An axiomatic approach. *Journal of Informetrics*, **2011**, 5, 75-86 | 3.1 | 41 |
| 52 | Bernard Roy. *Profiles in Operations Research*, **2011**, 753-773 | 1 | |
| 51 | Eleven surveys in operations research: II. *Annals of Operations Research*, **2010**, 175, 3-8 | 3.2 | 3 |
| 50 | Should you believe in the Shanghai ranking?. *Scientometrics*, **2010**, 84, 237-263 | 3 | 116 |
| 49 | Consistent bibliometric rankings of authors and of journals. *Journal of Informetrics*, **2010**, 4, 365-378 | 3.1 | 27 |
| 48 | Additive conjoint measurement with ordered categories. *European Journal of Operational Research*, **2010**, 203, 195-204 | 5.6 | 8 |
| 47 | Faut-il croire le classement de Shangaï?. *Revue De La Régulation*, **2010**, | 0.6 | 2 |
| 46 | An axiomatic analysis of concordance–discordance relations. *European Journal of Operational Research*, **2009**, 199, 468-477 | 5.6 | 15 |
| 45 | A Conjoint Measurement Approach to the Discrete Sugeno Integral. *Studies in Choice and Welfare*, **2009**, 85-109 | 1 | 7 |

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| 44 | On some ordinal models for decision making under uncertainty. *Annals of Operations Research*, **2008**, 163, 19-48 | 3.2 | 3 |
| 43 | An axiomatic approach to noncompensatory sorting methods in MCDM, II: More than two categories. *European Journal of Operational Research*, **2007**, 178, 246-276 | 5.6 | 77 |
| 42 | Further results on concordance relations. *European Journal of Operational Research*, **2007**, 181, 505-514 | 5.6 | 17 |
| 41 | Eleven surveys in Operations Research. *Annals of Operations Research*, **2007**, 153, 3-7 | 3.2 | 5 |
| 40 | An axiomatic approach to noncompensatory sorting methods in MCDM, I: The case of two categories. *European Journal of Operational Research*, **2007**, 178, 217-245 | 5.6 | 89 |
| 39 | A Proustian experience with an uncut gem. *Journal of Multi-Criteria Decision Analysis*, **2006**, 14, 195-200 | 1.9 | |
| 38 | A case of plagiarism: D□u□Marcu. *4or*, **2006**, 4, 11-13 | 1.4 | 5 |
| 37 | 4OR: Year 4. *4or*, **2006**, 4, 1-9 | 1.4 | 4 |
| 36 | Conjoint Measurement Tools for MCDM **2005**, 73-112 | | 6 |
| 35 | Following the traces:. *European Journal of Operational Research*, **2005**, 163, 287-337 | 5.6 | 13 |
| 34 | A characterization of concordance relations. *European Journal of Operational Research*, **2005**, 167, 427-443 | 5.6 | 31 |
| 33 | Monotonicity of □anking by choosing□A progress report. *Social Choice and Welfare*, **2004**, 23, 249 | 0.7 | 13 |
| 32 | Preferences for multi-attributed alternatives: Traces, dominance, and numerical representations. *Journal of Mathematical Psychology*, **2004**, 48, 167-185 | 1.2 | 29 |
| 31 | □Additive difference□models without additivity and subtractivity. *Journal of Mathematical Psychology*, **2004**, 48, 263-291 | 1.2 | 19 |
| 30 | A note on Wakker's Cardinal Coordinate Independence. *Mathematical Social Sciences*, **2004**, 48, 11-22 | 0.7 | 3 |
| 29 | 4OR for what purpose?. *4or*, **2003**, 1, 1 | 1.4 | 5 |
| 28 | Nontransitive Decomposable Conjoint Measurement. *Journal of Mathematical Psychology*, **2002**, 46, 677-703 | 1.0 | 46 |
| 27 | Une Introduction □La Mod□isation Des Pr□□ences11 Cet article est une version r□vis□ et augment□ de Bouyssou et Vincke (1998). Nous tenons □remercier les arbitres anonymes de cette revue pour leurs commentaires constructifs. Nous restons toutefois seuls responsables des erreurs ou omissions qui pourraient subsister.. *Infor*, **2002**, 40, 307-317 | 0.5 | 1 |

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| 26 | A Characterization of Strict Concordance Relations. *Profiles in Operations Research*, **2002**, 121-145 | 1 | 10 |
| 25 | Evaluation and Decision Models. *Profiles in Operations Research*, **2000**, | 1 | 167 |
| 24 | Conjoint Measurement without Additivity and Transitivity. *Mathematical Modelling: Theory and Applications*, **1999**, 13-29 | | 10 |
| 23 | Introduction to topics on preference modelling. *Annals of Operations Research*, **1998**, 80, 0-0 | 3.2 | |
| 22 | Acyclic fuzzy preferences and the Orlovsky choice function: A note. *Fuzzy Sets and Systems*, **1997**, 89, 107-111 | 3.7 | 16 |
| 21 | 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 | 26 |
| 20 | 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 | 0.4 | 5 |
| 19 | Outranking Relations: Do They Have Special Properties?. *Journal of Multi-Criteria Decision Analysis*, **1996**, 5, 99-111 | 1.9 | 57 |
| 18 | A Note on the Min in Favor Choice Procedure for Fuzzy Preference Relations. *Nonconvex Optimization and Its Applications*, **1995**, 9-16 | | 3 |
| 17 | Multicriteria decision-aid, Vincke, Ph., Chichester: Wiley, 1992. *Journal of Multi-Criteria Decision Analysis*, **1994**, 3, 131-131 | 1.9 | 3 |
| 16 | Democracy and efficiency: A note on Arrow's theorem is not a surprising result. *European Journal of Operational Research*, **1992**, 58, 427-430 | 5.6 | 4 |
| 15 | A note on the sum of differences choice function for fuzzy preference relations. *Fuzzy Sets and Systems*, **1992**, 47, 197-202 | 3.7 | 17 |
| 14 | Ranking methods based on valued preference relations: A characterization of the net flow method. *European Journal of Operational Research*, **1992**, 60, 61-67 | 5.6 | 77 |
| 13 | On Some Properties of Outranking Relations Based on a Concordance-Discordance Principle **1992**, 93-106 | | 10 |
| 12 | Building Criteria: A Prerequisite for MCDA **1990**, 58-80 | | 89 |
| 11 | Modelling Inaccurate Determination, Uncertainty, Imprecision Using Multiple Criteria. *Lecture Notes in Economics and Mathematical Systems*, **1989**, 78-87 | 0.4 | 25 |
| 10 | Noncompensatory and generalized noncompensatory preference structures. *Theory and Decision*, **1986**, 21, 251-266 | 0.8 | 64 |
| 9 | Some remarks on the notion of compensation in MCDM. *European Journal of Operational Research*, **1986**, 26, 150-160 | 5.6 | 142 |

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| 8 | From Decision Theory to Decision-aiding Methodology1-47 | | |
| 7 | Binary Relations and Preference Modeling49-84 | | 1 |
| 6 | Human Decision: Recognition plus Reasoning157-197 | | 0 |
| 5 | Conjoint Measurement Models for Preference Relations617-672 | | 3 |
| 4 | Social Choice Theory and Multicriteria Decision Aiding779-810 | | 5 |
| 3 | Axiomatic characterization of the $$chi ^{2}$$ dissimilarity measure. *Aequationes Mathematicae*,1 | 0.7 | |
| 2 | A note on ELECTRE TRI-nB with few limiting profiles. *4or*,1 | 1.4 | 1 |
| 1 | A theoretical look at Electre Tri-nB and related sorting models. *4or*,1 | 1.4 | 1 |