

Yves De Smet

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

574
citations

759233

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642732

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32
all docs

32
docs citations

32
times ranked

486
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | PROMETHEE Methods. Profiles in Operations Research, 2016, , 187-219. | 0.4 | 152 |
| 2 | Towards multicriteria clustering: An extension of the k-means algorithm. European Journal of Operational Research, 2004, 158, 390-398. | 5.7 | 76 |
| 3 | An exact algorithm for the multicriteria ordered clustering problem. Omega, 2012, 40, 861-869. | 5.9 | 42 |
| 4 | Some results about rank reversal instances in the PROMETHEE methods. International Journal of Multicriteria Decision Making, 2013, 3, 325. | 0.2 | 37 |
| 5 | D-Sight. International Journal of Decision Support System Technology, 2012, 4, 1-23. | 0.7 | 35 |
| 6 | Building a binary outranking relation in uncertain, imprecise and multi-experts contexts: The application of evidence theory. International Journal of Approximate Reasoning, 2009, 50, 1259-1278. | 3.3 | 26 |
| 7 | A ranking model in uncertain, imprecise and multi-experts contexts: The application of evidence theory. International Journal of Approximate Reasoning, 2011, 52, 1171-1194. | 3.3 | 24 |
| 8 | Finding compromise solutions in project portfolio selection with multiple experts by inverse optimization. Computers and Operations Research, 2016, 66, 12-19. | 4.0 | 19 |
| 9 | Approximating Promethee II's net flow scores by piecewise linear value functions. European Journal of Operational Research, 2014, 233, 651-659. | 5.7 | 15 |
| 10 | On the use of valued action profiles for relational multi-criteria clustering. International Journal of Multicriteria Decision Making, 2014, 4, 201. | 0.2 | 13 |
| 11 | Inverse multi-objective combinatorial optimization. Discrete Applied Mathematics, 2013, 161, 2764-2771. | 0.9 | 12 |
| 12 | Determining new possible weight values in PROMETHEE: a procedure based on data envelopment analysis. Journal of the Operational Research Society, 2017, 68, 484-495. | 3.4 | 12 |
| 13 | An extension of PROMETHEE II to temporal evaluations. International Journal of Multicriteria Decision Making, 2018, 7, 298. | 0.2 | 12 |
| 14 | Collaborative decision-making in sustainable mobility: identifying possible consensuses in the multi-actor multi-criteria analysis based on inverse mixed-integer linear optimization. International Journal of Sustainable Development and World Ecology, 2021, 28, 64-74. | 5.9 | 12 |
| 15 | Multicriteria Relational Clustering: The Case of Binary Outranking Matrices. Lecture Notes in Computer Science, 2009, , 380-392. | 1.3 | 10 |
| 16 | Assessing partially ordered clustering in a multicriteria comparative context. Pattern Recognition, 2021, 114, 107850. | 8.1 | 9 |
| 17 | A choice model with imprecise ordinal evaluations. International Journal of Approximate Reasoning, 2014, 55, 689-710. | 3.3 | 8 |
| 18 | A multicriteria ordered clustering algorithm to determine precise or disjunctive partitions. International Journal of Multicriteria Decision Making, 2016, 6, 157. | 0.2 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | An extension of PROMETHEE to hierarchical multicriteria clustering. International Journal of Multicriteria Decision Making, 2019, 8, 133. | 0.2 | 8 |
| 20 | An Introduction to Multicriteria Decision Aid: The PROMETHEE and GAIA Methods. Lecture Notes in Business Information Processing, 2013, , 150-176. | 1.0 | 7 |
| 21 | Beyond Multicriteria Ranking Problems: The Case of PROMETHEE. Multiple Criteria Decision Making, 2019, , 95-114. | 0.8 | 7 |
| 22 | An adaptive questioning procedure for eliciting PROMETHEE II's weight parameters. International Journal of Multicriteria Decision Making, 2014, 4, 1. | 0.2 | 5 |
| 23 | Design safer and greener road projects by using a multi-objective evolutionary approach. International Journal of Multicriteria Decision Making, 2016, 6, 14. | 0.2 | 5 |
| 24 | An axiomatic characterization of <scp>Promethee II</scp>'s net flow scores based on a combination of direct comparisons and comparisons with third alternatives. Journal of Multi-Criteria Decision Analysis, 2022, 29, 364-380. | 1.9 | 4 |
| 25 | A model for spatial multicriteria hierarchical clustering. International Journal of Multicriteria Decision Making, 2016, 6, 1. | 0.2 | 3 |
| 26 | The First Belief Dominance: A New Approach in Evidence Theory for Comparing Basic Belief Assignments. Lecture Notes in Computer Science, 2009, , 272-283. | 1.3 | 3 |
| 27 | Studying the Impact of Information Structure in the PROMETHEE II Preference Elicitation Process: A Simulation Based Approach. Communications in Computer and Information Science, 2012, , 383-392. | 0.5 | 3 |
| 28 | On the Influence of Altering the Action Set on PROMETHEE II's Relative Ranks. Lecture Notes in Computer Science, 2017, , 206-220. | 1.3 | 1 |
| 29 | Solving a Multicriteria Road Design Problem: A Practical Example. Multiple Criteria Decision Making, 2017, , 113-136. | 0.8 | 1 |
| 30 | Lexicographic Constrained Multicriteria Ordered Clustering. Lecture Notes in Computer Science, 2021, , 453-464. | 1.3 | 0 |