

## List of Publications by Year in descending order

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42  
papers

2,237  
citations

257101

24  
h-index

315357

38  
g-index

42  
all docs

42  
docs citations

42  
times ranked

2233  
citing authors

#	ARTICLE	IF	CITATIONS
1	g-dominance: Reference point based dominance for multiobjective metaheuristics. <i>European Journal of Operational Research</i> , 2009, 197, 685-692.	3.5	234
2	Sustainable tourism indicators as planning tools in cultural destinations. <i>Ecological Indicators</i> , 2012, 18, 659-675.	2.6	183
3	Solving a comprehensive model for multiobjective project portfolio selection. <i>Computers and Operations Research</i> , 2010, 37, 630-639.	2.4	144
4	Assessing the sustainability of small wastewater treatment systems: A composite indicator approach. <i>Science of the Total Environment</i> , 2014, 497-498, 607-617.	3.9	139
5	Solving a multiobjective location routing problem with a metaheuristic based on tabu search. Application to a real case in Andalusia. <i>European Journal of Operational Research</i> , 2007, 177, 1751-1763.	3.5	133
6	Composite indicator for the assessment of sustainability: The case of Cuban nature-based tourism destinations. <i>Ecological Indicators</i> , 2013, 29, 316-324.	2.6	101
7	Assessment of wastewater treatment alternatives for small communities: An analytic network process approach. <i>Science of the Total Environment</i> , 2015, 532, 676-687.	3.9	101
8	Solving a bi-objective Transportation Location Routing Problem by metaheuristic algorithms. <i>European Journal of Operational Research</i> , 2014, 234, 25-36.	3.5	96
9	Goal programming synthetic indicators: An application for sustainable tourism in Andalusian coastal counties. <i>Ecological Economics</i> , 2010, 69, 2158-2172.	2.9	95
10	Interactive design of personalised tourism routes. <i>Tourism Management</i> , 2012, 33, 926-940.	5.8	89
11	SSPMO: A Scatter Tabu Search Procedure for Non-Linear Multiobjective Optimization. <i>INFORMS Journal on Computing</i> , 2007, 19, 91-100.	1.0	74
12	Project portfolio selection and planning with fuzzy constraints. <i>Technological Forecasting and Social Change</i> , 2018, 131, 117-129.	6.2	63
13	Meta-goal programming. <i>European Journal of Operational Research</i> , 2002, 136, 422-429.	3.5	60
14	DEMORS: A hybrid multi-objective optimization algorithm using differential evolution and rough set theory for constrained problems. <i>Computers and Operations Research</i> , 2010, 37, 470-480.	2.4	60
15	Bi-Objective Bus Routing: An Application to School Buses in Rural Areas. <i>Transportation Science</i> , 2013, 47, 397-411.	2.6	56
16	Eco-efficiency assessment of wastewater treatment plants using a weighted Russell directional distance model. <i>Journal of Cleaner Production</i> , 2016, 137, 1066-1075.	4.6	51
17	Assessing the sustainability of water companies: A synthetic indicator approach. <i>Ecological Indicators</i> , 2016, 61, 577-587.	2.6	51
18	Assessing the efficiency of wastewater treatment plants: A double-bootstrap approach. <i>Journal of Cleaner Production</i> , 2017, 164, 315-324.	4.6	48

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19	Assessing changes in eco-productivity of wastewater treatment plants: The role of costs, pollutant removal efficiency, and greenhouse gas emissions. <i>Environmental Impact Assessment Review</i> , 2018, 69, 24-31.	4.4	46
20	Measuring the eco-efficiency of wastewater treatment plants under data uncertainty. <i>Journal of Environmental Management</i> , 2018, 226, 484-492.	3.8	43
21	A dynamic sustainable tourism evaluation using multiple benchmarks. <i>Journal of Cleaner Production</i> , 2018, 174, 1190-1203.	4.6	42
22	Measuring the sustainability of Cuban tourism destinations considering stakeholders' perceptions. <i>International Journal of Tourism Research</i> , 2017, 19, 318-328.	2.1	33
23	A new proposal for multi-objective optimization using differential evolution and rough sets theory. , 2006, , .		31
24	Sustainable tourism tags to reward destination management. <i>Journal of Environmental Management</i> , 2019, 250, 109458.	3.8	30
25	Interactive meta-goal programming. <i>European Journal of Operational Research</i> , 2006, 175, 135-154.	3.5	27
26	Seeding the initial population of a multi-objective evolutionary algorithm using gradient-based information. , 2008, , .		26
27	Eco-efficiency assessment of municipal solid waste services: Influence of exogenous variables. <i>Waste Management</i> , 2021, 130, 136-146.	3.7	23
28	Equivalent Information for Multiobjective Interactive Procedures. <i>Management Science</i> , 2007, 53, 125-134.	2.4	21
29	Restoration of efficiency in a goal programming problem with linear fractional criteria. <i>European Journal of Operational Research</i> , 2006, 172, 31-39.	3.5	20
30	Lexicographic improvement of the target values in convex goal programming. <i>European Journal of Operational Research</i> , 1998, 107, 644-655.	3.5	15
31	Assessing the quality of service to customers provided by water utilities: A synthetic index approach. <i>Ecological Indicators</i> , 2017, 78, 214-220.	2.6	15
32	Sustainability Ranking for Cuban Tourist Destinations Based on Composite Indexes. <i>Social Indicators Research</i> , 2016, 129, 425-444.	1.4	13
33	Measuring the wastewater treatment plants productivity change: Comparison of the Luenberger and Luenberger-Hicks-Moorsteen Productivity Indicators. <i>Journal of Cleaner Production</i> , 2019, 229, 75-83.	4.6	13
34	Using box indices in supporting comparison in multiobjective optimization. <i>European Journal of Operational Research</i> , 2009, 197, 17-24.	3.5	12
35	A bi-objective solution approach to a real-world waste collection problem. <i>Journal of the Operational Research Society</i> , 2020, 71, 183-194.	2.1	12
36	Dynamic goal programming synthetic indicator: an application for water companies sustainability assessment. <i>Urban Water Journal</i> , 2018, 15, 592-600.	1.0	9

#	ARTICLE	IF	CITATIONS
37	Evaluating the Eco-Efficiency of Wastewater Treatment Plants: Comparison of Optimistic and Pessimistic Approaches. Sustainability, 2020, 12, 10580.	1.6	9
38	Improving the efficiency of $\Gamma$ -dominance based grids. Information Sciences, 2011, 181, 3101-3129.	4.0	8
39	Sawing planning using a multicriteria approach. Journal of Industrial and Management Optimization, 2009, 5, 303-317.	0.8	7
40	On the Use of Projected Gradients for Constrained Multiobjective Optimization Problems. Lecture Notes in Computer Science, 2008, , 712-721.	1.0	4
41	Portfolio Selection Via Goal Programming. Contributions To Management Science, 2000, , 79-92.	0.4	0
42	Using a Gradient Based Method to Seed an EMO Algorithm. Lecture Notes in Economics and Mathematical Systems, 2010, , 327-337.	0.3	0