

Julian Molina

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,632
citations

687363

13
h-index

839539

18
g-index

23
all docs

23
docs citations

23
times ranked

1625
citing authors

#	ARTICLE	IF	CITATIONS
1	A Preference-Based Evolutionary Algorithm for Multi-Objective Optimization. <i>Evolutionary Computation</i> , 2009, 17, 411-436.	3.0	385
2	g-dominance: Reference point based dominance for multiobjective metaheuristics. <i>European Journal of Operational Research</i> , 2009, 197, 685-692.	5.7	234
3	Pareto-adaptive $\hat{\mu}$ -dominance. <i>Evolutionary Computation</i> , 2007, 15, 493-517.	3.0	192
4	Solving a comprehensive model for multiobjective project portfolio selection. <i>Computers and Operations Research</i> , 2010, 37, 630-639.	4.0	144
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.	5.7	133
6	Solving a bi-objective Transportation Location Routing Problem by metaheuristic algorithms. <i>European Journal of Operational Research</i> , 2014, 234, 25-36.	5.7	96
7	Interactive design of personalised tourism routes. <i>Tourism Management</i> , 2012, 33, 926-940.	9.8	89
8	SSPMO: A Scatter Tabu Search Procedure for Non-Linear Multiobjective Optimization. <i>INFORMS Journal on Computing</i> , 2007, 19, 91-100.	1.7	74
9	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.	4.0	60
10	Bi-Objective Bus Routing: An Application to School Buses in Rural Areas. <i>Transportation Science</i> , 2013, 47, 397-411.	4.4	56
11	Multiobjective scatter search for a commercial territory design problem. <i>Annals of Operations Research</i> , 2012, 199, 343-360.	4.1	35
12	A new proposal for multi-objective optimization using differential evolution and rough sets theory. , 2006, , .		31
13	Seeding the initial population of a multi-objective evolutionary algorithm using gradient-based information. , 2008, , .		26
14	Multicriteria optimization approach to deploy humanitarian logistic operations integrally during floods. <i>International Transactions in Operational Research</i> , 2018, 25, 1053-1079.	2.7	22
15	Equivalent Information for Multiobjective Interactive Procedures. <i>Management Science</i> , 2007, 53, 125-134.	4.1	21
16	Using box indices in supporting comparison in multiobjective optimization. <i>European Journal of Operational Research</i> , 2009, 197, 17-24.	5.7	12
17	Improving the efficiency of $\hat{\mu}$ -dominance based grids. <i>Information Sciences</i> , 2011, 181, 3101-3129.	6.9	8
18	Use of Radial Basis Functions and Rough Sets for Evolutionary Multi-Objective Optimization. , 2007, , .		5

#	ARTICLE	IF	CITATIONS
19	On the Use of Projected Gradients for Constrained Multiobjective Optimization Problems. Lecture Notes in Computer Science, 2008, , 712-721.	1.3	4
20	Evidence of the Relationship between Social Vulnerability and the Spread of COVID-19 in Urban Spaces. International Journal of Environmental Research and Public Health, 2022, 19, 5336.	2.6	4
21	Optimizing a bi-objective vehicle routing problem that appears in industrial enterprises. Expert Systems, 2021, 38, .	4.5	1
22	Using a Gradient Based Method to Seed an EMO Algorithm. Lecture Notes in Economics and Mathematical Systems, 2010, , 327-337.	0.3	0
23	Optimizing a Bi-objective Vehicle Routing Problem Appearing in Industrial Enterprises. Advances in Intelligent Systems and Computing, 2020, , 452-462.	0.6	0