

Alfredo G G Hernandez-Daz

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.

33
papers

874
citations

14
h-index

29
g-index

36
ext. papers

1,034
ext. citations

3.9
avg, IF

4.05
L-index

#	Paper	IF	Citations
33	Measuring Online Teaching Service Quality in Higher Education in the COVID-19 Environment. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	23
32	A Hybrid Strategic Oscillation with Path Relinking Algorithm for the Multiobjective k-Balanced Center Location Problem. <i>Mathematics</i> , 2021 , 9, 853	2.3	1
31	A matheuristic for the MinMax capacitated open vehicle routing problem. <i>International Transactions in Operational Research</i> , 2020 , 27, 394-417	2.9	2
30	GRASP and VNS for solving the p-next center problem. <i>Computers and Operations Research</i> , 2019 , 104, 295-303	4.6	8
29	A multiobjective GRASP/ND algorithm to solve the waste collection problem. <i>International Transactions in Operational Research</i> , 2018 , 25, 545-567	2.9	13
28	A Multi-start Algorithm with Intelligent Neighborhood Selection for solving multi-objective humanitarian vehicle routing problems. <i>Journal of Heuristics</i> , 2018 , 24, 111-133	1.9	13
27	Improving the vector generation strategy of Differential Evolution for large-scale optimization. <i>Information Sciences</i> , 2015 , 323, 106-129	7.7	32
26	Cross entropy for multiobjective combinatorial optimization problems with linear relaxations. <i>European Journal of Operational Research</i> , 2015 , 243, 362-368	5.6	6
25	A multi-start algorithm for a balanced real-world Open Vehicle Routing Problem. <i>European Journal of Operational Research</i> , 2014 , 238, 104-113	5.6	29
24	Compromise utilitarian solutions in multi-criteria optimization problems as a guide for evolutionary algorithms. <i>Computers and Operations Research</i> , 2013 , 40, 1155-1164	4.6	1
23	Improving the efficiency of ϵ -dominance based grids. <i>Information Sciences</i> , 2011 , 181, 3101-3129	7.7	8
22	The challenge of optimizing expensive black boxes: a scatter search/rough set theory approach. <i>Journal of the Operational Research Society</i> , 2010 , 61, 53-67	2	9
21	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	4.6	52
20	Solving a comprehensive model for multiobjective project portfolio selection. <i>Computers and Operations Research</i> , 2010 , 37, 630-639	4.6	120
19	Using a Gradient Based Method to Seed an EMO Algorithm. <i>Lecture Notes in Economics and Mathematical Systems</i> , 2010 , 327-337	0.4	
18	g -dominance: Reference point based dominance for multiobjective metaheuristics. <i>European Journal of Operational Research</i> , 2009 , 197, 685-692	5.6	174
17	Using box indices in supporting comparison in multiobjective optimization. <i>European Journal of Operational Research</i> , 2009 , 197, 17-24	5.6	9

16	A discrete-time single-server queueing system with an N-policy, an early setup and a generalization of the Bernoulli feedback. <i>Mathematical and Computer Modelling</i> , 2009 , 49, 977-990		10
15	Seeding the initial population of a multi-objective evolutionary algorithm using gradient-based information 2008 ,		19
14	Surrogate-based Multi-Objective Particle Swarm Optimization 2008 ,		3
13	On the Use of Projected Gradients for Constrained Multiobjective Optimization Problems. <i>Lecture Notes in Computer Science</i> , 2008 , 712-721	0.9	2
12	Hybridizing surrogate techniques, rough sets and evolutionary algorithms to efficiently solve multi-objective optimization problems 2008 ,		4
11	Rough Sets Theory for Multi-Objective Optimization Problems. <i>Studies in Computational Intelligence</i> , 2008 , 81-98	0.8	3
10	Use of Radial Basis Functions and Rough Sets for Evolutionary Multi-Objective Optimization 2007 ,		4
9	Planning the transition to a hydrogen economy in Spain. <i>International Journal of Hydrogen Energy</i> , 2007 , 32, 1339-1346	6.7	28
8	Evaluation of automobiles with alternative fuels utilizing multicriteria techniques. <i>Journal of Power Sources</i> , 2007 , 169, 213-219	8.9	20
7	Alternative techniques to solve hard multi-objective optimization problems 2007 ,		7
6	Pareto-adaptive epsilon-dominance. <i>Evolutionary Computation</i> , 2007 , 15, 493-517	4.3	134
5	Designing a gradual transition to a hydrogen economy in Spain. <i>Journal of Power Sources</i> , 2006 , 159, 1231-1240	8.9	26
4	Analysis and optimal control of a discrete-time queueing system under the (m,N)-policy 2006 ,		3
3	A new proposal for multi-objective optimization using differential evolution and rough sets theory 2006 ,		24
2	Weighted Composition Operators between Different Hardy Spaces. <i>Integral Equations and Operator Theory</i> , 2003 , 46, 165-188	0.5	29
1	Weighted Composition Operators on Hardy Spaces. <i>Journal of Mathematical Analysis and Applications</i> , 2001 , 263, 224-233	1.1	57