Alfredo G G Hernndez-Daz

List of Publications by Citations

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	g-dominance: Reference point based dominance for multiobjective metaheuristics. *European Journal of Operational Research*, **2009**, 197, 685-692	5.6	174
32	Pareto-adaptive epsilon-dominance. *Evolutionary Computation*, **2007**, 15, 493-517	4.3	134
31	Solving a comprehensive model for multiobjective project portfolio selection. *Computers and Operations Research*, **2010**, 37, 630-639	4.6	120
30	Weighted Composition Operators on Hardy Spaces. *Journal of Mathematical Analysis and Applications*, **2001**, 263, 224-233	1.1	57
29	DEMORS: A hybrid multi-objective optimization algorithm using differential evolution and rough set theory for constrained problems. *Computers and Operations Research*, **2010**, 37, 470-480	4.6	52
28	Improving the vector generation strategy of Differential Evolution for large-scale optimization. *Information Sciences*, **2015**, 323, 106-129	7.7	32
27	A multi-start algorithm for a balanced real-world Open Vehicle Routing Problem. *European Journal of Operational Research*, **2014**, 238, 104-113	5.6	29
26	Weighted Composition Operators between Different Hardy Spaces. *Integral Equations and Operator Theory*, **2003**, 46, 165-188	0.5	29
25	Planning the transition to a hydrogen economy in Spain. *International Journal of Hydrogen Energy*, **2007**, 32, 1339-1346	6.7	28
24	Designing a gradual transition to a hydrogen economy in Spain. *Journal of Power Sources*, **2006**, 159, 1231-1240	8.9	26
23	A new proposal for multi-objective optimization using differential evolution and rough sets theory **2006**,		24
22	Measuring Online Teaching Service Quality in Higher Education in the COVID-19 Environment. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	23
21	Evaluation of automobiles with alternative fuels utilizing multicriteria techniques. *Journal of Power Sources*, **2007**, 169, 213-219	8.9	20
20	Seeding the initial population of a multi-objective evolutionary algorithm using gradient-based information **2008**,		19
19	A multiobjective GRASP/VND algorithm to solve the waste collection problem. *International Transactions in Operational Research*, **2018**, 25, 545-567	2.9	13
18	A Multi-start Algorithm with Intelligent Neighborhood Selection for solving multi-objective humanitarian vehicle routing problems. *Journal of Heuristics*, **2018**, 24, 111-133	1.9	13
17	A discrete-time single-server queueing system with an N-policy, an early setup and a generalization of the Bernoulli feedback. *Mathematical and Computer Modelling*, **2009**, 49, 977-990		10

LIST OF PUBLICATIONS

16	The challenge of optimizing expensive black boxes: a scatter search/rough set theory approach. *Journal of the Operational Research Society*, **2010**, 61, 53-67	2	9
15	Using box indices in supporting comparison in multiobjective optimization. *European Journal of Operational Research*, **2009**, 197, 17-24	5.6	9
14	Improving the efficiency of ?-dominance based grids. *Information Sciences*, **2011**, 181, 3101-3129	7.7	8
13	GRASP and VNS for solving the p-next center problem. *Computers and Operations Research*, **2019**, 104, 295-303	4.6	8
12	Alternative techniques to solve hard multi-objective optimization problems **2007**,		7
11	Cross entropy for multiobjective combinatorial optimization problems with linear relaxations. *European Journal of Operational Research*, **2015**, 243, 362-368	5.6	6
10	Hybridizing surrogate techniques, rough sets and evolutionary algorithms to efficiently solve multi-objective optimization problems **2008**,		4
9	Use of Radial Basis Functions and Rough Sets for Evolutionary Multi-Objective Optimization **2007**,		4
8	Surrogate-based Multi-Objective Particle Swarm Optimization **2008**,		3
7	Analysis and optimal control of a discrete-time queueing system under the (m,N)-policy **2006**,		3
6	Rough Sets Theory for Multi-Objective Optimization Problems. *Studies in Computational Intelligence* , **2008**, 81-98	0.8	3
5	On the Use of Projected Gradients for Constrained Multiobjective Optimization Problems. *Lecture Notes in Computer Science*, **2008**, 712-721	0.9	2
4	A matheuristic for the MinMax capacitated open vehicle routing problem. *International Transactions in Operational Research*, **2020**, 27, 394-417	2.9	2
3	Compromise utilitarian solutions in multi-criteria optimization problems as a guide for evolutionary algorithms. *Computers and Operations Research*, **2013**, 40, 1155-1164	4.6	1
2	A Hybrid Strategic Oscillation with Path Relinking Algorithm for the Multiobjective k-Balanced Center Location Problem. *Mathematics*, **2021**, 9, 853	2.3	1
1	Using a Gradient Based Method to Seed an EMO Algorithm. *Lecture Notes in Economics and Mathematical Systems*, **2010**, 327-337	0.4	