Adriana Lara

List of Publications by Citations

28	772	8	27
papers	citations	h-index	g-index
30	962	4.3	4.12
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
28	Using the Averaged Hausdorff Distance as a Performance Measure in Evolutionary Multiobjective Optimization. *IEEE Transactions on Evolutionary Computation*, **2012**, 16, 504-522	15.6	360
27	On the Influence of the Number of Objectives on the Hardness of a Multiobjective Optimization Problem. *IEEE Transactions on Evolutionary Computation*, **2011**, 15, 444-455	15.6	141
26	HCS: A New Local Search Strategy for Memetic Multiobjective Evolutionary Algorithms. *IEEE Transactions on Evolutionary Computation*, **2010**, 14, 112-132	15.6	136
25	The directed search method for multi-objective memetic algorithms. *Computational Optimization and Applications*, **2016**, 63, 305-332	1.4	38
24	RDS-NSGA-II: a memetic algorithm for reference point based multi-objective optimization. *Engineering Optimization*, **2017**, 49, 828-845	2	15
23	A benchmark for equality constrained multi-objective optimization. *Swarm and Evolutionary Computation*, **2020**, 52, 100619	9.8	13
22	A New Hybrid Evolutionary Algorithm for the Treatment of Equality Constrained MOPs. *Mathematics*, **2020**, 8, 7	2.3	10
21	The Gradient Free Directed Search Method as Local Search within Multi-Objective Evolutionary Algorithms. *Advances in Intelligent Systems and Computing*, **2013**, 153-168	0.4	10
20	On the efficient computation and use of multi-objective descent directions within constrained MOEAs. *Swarm and Evolutionary Computation*, **2020**, 52, 100617	9.8	6
19	Using gradient-based information to deal with scalability in multi-objective evolutionary algorithms **2009**,		5
18	Evolutionary continuation methods for optimization problems **2009**,		5
17	Sequential motion planning algorithms in real projective spaces: An approach to their immersion dimension. *Forum Mathematicum*, **2018**, 30, 397-417	0.6	4
16	Some comments on GD and IGD and relations to the Hausdorff distance **2010**,		4
15	On Gradient-Based Local Search to Hybridize Multi-objective Evolutionary Algorithms. *Studies in Computational Intelligence*, **2013**, 305-332	0.8	4
14	On the choice of neighborhood sampling to build effective search operators for constrained MOPs. *Memetic Computing*, **2019**, 11, 155-173	3.4	4
13	Using gradient information for multi-objective problems in the evolutionary context **2010**,		3
12	Motion planning in real flag manifolds. *Homology, Homotopy and Applications*, **2016**, 18, 359-375	0.3	3

List of Publications

11	A Set Based Newton Method for the Averaged Hausdorff Distance for Multi-Objective Reference Set Problems. *Mathematics*, **2020**, 8, 1822	2.3	2
10	The Gradient Subspace Approximation and Its Application to Bi-objective Optimization Problems. *Studies in Systems, Decision and Control*, **2020**, 355-390	0.8	2
9	A new gradient free local search mechanism for constrained multi-objective optimization problems. *Swarm and Evolutionary Computation*, **2021**, 67, 100938	9.8	2
8	A New Hybrid Metaheuristic for Equality Constrained Bi-objective Optimization Problems. *Lecture Notes in Computer Science*, **2019**, 53-65	0.9	1
7	The Directed Search Method for Unconstrained Parameter Dependent Multi-objective Optimization Problems. *Studies in Computational Intelligence*, **2017**, 281-330	0.8	1
6	New challenges for memetic algorithms on continuous multi-objective problems **2010**,		1
5	**2016**,		1
4	An effective mutation operator to deal with multi-objective constrained problems: SPM **2016**,		1
3	A Randomized Greedy Algorithm for Piecewise Linear Motion Planning. *Mathematics*, **2021**, 9, 2358	2.3	0
2	Toward a New Family of Hybrid Evolutionary Algorithms. *Lecture Notes in Computer Science*, **2019**, 78-90	0.9	
1	Hybridizing MOEAs with Mathematical-Programming Techniques **2016**, 185-232		