

Ana Carolina Olivera

List of Publications by Year in descending order

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492
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#	ARTICLE	IF	CITATIONS
1	Optimising Multilayer Perceptron weights and biases through a Cellular Genetic Algorithm for medical data classification. <i>Array</i> , 2022, 14, 100173.	2.5	14
2	A Memetic Cellular Genetic Algorithm for Cancer Data Microarray Feature Selection. <i>IEEE Latin America Transactions</i> , 2020, 18, 1874-1883.	1.2	7
3	Management of urban traffic flow based on traffic lights scheduling optimization. <i>IEEE Latin America Transactions</i> , 2019, 17, 102-110.	1.2	5
4	A novel hybrid multi-objective metamodel-based evolutionary optimization algorithm. <i>Operations Research Perspectives</i> , 2019, 6, 100098.	1.2	11
5	Traffic lights synchronization for Bus Rapid Transit using a parallel evolutionary algorithm. <i>International Journal of Transportation Science and Technology</i> , 2019, 8, 53-67.	2.0	26
6	A Multi-Objective Optimization via Simulation Framework for Restructuring Traffic Networks Subject to Increases in Population. <i>Operations Research/ Computer Science Interfaces Series</i> , 2018, , 199-218.	0.3	1
7	Ensamblado de fragmentos de ADN utilizando un novedoso algoritmo de luci�rnaga en GPU. <i>DYNA (Colombia)</i> , 2018, 85, 108-116.	0.2	3
8	Multiobjective evolutionary optimization of traffic flow and pollution in Montevideo, Uruguay. <i>Applied Soft Computing Journal</i> , 2018, 70, 472-485.	4.1	28
9	Solving the DNA fragment assembly problem with a parallel discrete firefly algorithm implemented on GPU. <i>Computer Science and Information Systems</i> , 2018, 15, 273-293.	0.7	6
10	Optimization of Traffic Network Design Using Nature-Inspired Algorithm. <i>Advances in Computational Intelligence and Robotics Book Series</i> , 2016, , 266-287.	0.4	1
11	Reducing vehicle emissions and fuel consumption in the city by using particle swarm optimization. <i>Applied Intelligence</i> , 2015, 42, 389-405.	3.3	50
12	A hybrid genetic algorithm for ROADEF'05-like complex production problems. <i>DYNA (Colombia)</i> , 2015, 82, 82-88.	0.2	2
13	A Parallel Discrete Firefly Algorithm on GPU for Permutation Combinatorial Optimization Problems. <i>Communications in Computer and Information Science</i> , 2014, , 191-205.	0.4	4
14	Optimal Cycle Program of Traffic Lights With Particle Swarm Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , 2013, 17, 823-839.	7.5	135
15	An Improved Hybrid Algorithm for Stochastic Bus-Network Design. , 2013, , 417-438.		0
16	Swarm intelligence for traffic light scheduling: Application to real urban areas. <i>Engineering Applications of Artificial Intelligence</i> , 2012, 25, 274-283.	4.3	125
17	Enhancing the urban road traffic with Swarm Intelligence: A case study of C�rdoba city downtown. , 2011, , .		4
18	A memetic algorithm based on a NSGAII scheme for the flexible job-shop scheduling problem. <i>Annals of Operations Research</i> , 2010, 181, 745-765.	2.6	69

#	ARTICLE	IF	CITATIONS
19	Bus Network Scheduling Problem: GRASP + EAs with PISA * Simulation. Lecture Notes in Computer Science, 2009, , 1272-1279.	1.0	1
20	Bus Network Optimization Through Time-Dependent Hybrid Algorithm. , 2007, , .		0
21	Bus Network Optimization Through Time-Dependent Hybrid Algorithm. , 2007, , .		0