

Magdalene Marinaki

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.

58
papers

1,495
citations

19
h-index

38
g-index

59
ext. papers

1,709
ext. citations

2.9
avg, IF

5.14
L-index

#	Paper	IF	Citations
58	A cumulative unmanned aerial vehicle routing problem approach for humanitarian coverage path planning. <i>European Journal of Operational Research</i> , 2021 ,	5.6	3
57	Distance related: a procedure for applying directly Artificial Bee Colony algorithm in routing problems. <i>Soft Computing</i> , 2020 , 24, 9071-9089	3.5	1
56	A Hybrid Firefly - VNS Algorithm for the Permutation Flowshop Scheduling Problem. <i>Lecture Notes in Computer Science</i> , 2019 , 274-286	0.9	1
55	An Adaptive Parameter Free Particle Swarm Optimization Algorithm for the Permutation Flowshop Scheduling Problem. <i>Lecture Notes in Computer Science</i> , 2019 , 168-179	0.9	
54	A multi-adaptive particle swarm optimization for the vehicle routing problem with time windows. <i>Information Sciences</i> , 2019 , 481, 311-329	7.7	66
53	Variants and Formulations of the Vehicle Routing Problem. <i>Springer Optimization and Its Applications</i> , 2018 , 91-127	0.4	1
52	Particle Swarm Optimization for the Vehicle Routing Problem: A Survey and a Comparative Analysis 2018 , 1163-1196		1
51	Non-dominated sorting differential evolution algorithm for the minimization of route based fuel consumption multiobjective vehicle routing problems. <i>Energy Systems</i> , 2017 , 8, 785-814	1.7	19
50	An Adaptive Bumble Bees Mating Optimization algorithm. <i>Applied Soft Computing Journal</i> , 2017 , 55, 13-30	7.5	7
49	An Island Memetic Algorithm for Real World Vehicle Routing Problems. <i>Springer Proceedings in Business and Economics</i> , 2017 , 205-223	0.2	2
48	Particle Swarm Optimization for the Vehicle Routing Problem: A Survey and a Comparative Analysis 2017 , 1-34		2
47	Parallel Multi-Start Non-dominated Sorting Particle Swarm Optimization Algorithms for the Minimization of the Route-Based Fuel Consumption of Multiobjective Vehicle Routing Problems. <i>Springer Optimization and Its Applications</i> , 2017 , 425-456	0.4	4
46	A bumble bees mating optimization algorithm for the feature selection problem. <i>International Journal of Machine Learning and Cybernetics</i> , 2016 , 7, 519-538	3.8	17
45	Detection of defective pile geometries using a coupled FEM/SBFEM approach and an ant colony classification algorithm. <i>Acta Mechanica</i> , 2016 , 227, 1279-1291	2.1	5
44	A hybrid clonal selection algorithm for the location routing problem with stochastic demands. <i>Annals of Mathematics and Artificial Intelligence</i> , 2016 , 76, 121-142	0.8	12
43	A Glowworm Swarm Optimization algorithm for the Vehicle Routing Problem with Stochastic Demands. <i>Expert Systems With Applications</i> , 2016 , 46, 145-163	7.8	74
42	Data mining parameters selection procedure applied to a multi-start local search algorithm for the permutation flow shop scheduling problem 2016 ,		1

41	A hybridization of clonal selection algorithm with iterated local search and variable neighborhood search for the feature selection problem. <i>Memetic Computing</i> , 2015 , 7, 181-201	3.4	13
40	Adaptive Tuning of All Parameters in a Multi-Swarm Particle Swarm Optimization Algorithm: An Application to the Probabilistic Traveling Salesman Problem. <i>Springer Proceedings in Mathematics and Statistics</i> , 2015 , 187-207	0.2	3
39	Combinatorial neighborhood topology bumble bees mating optimization for the vehicle routing problem with stochastic demands. <i>Soft Computing</i> , 2015 , 19, 353-373	3.5	11
38	Fuzzy control optimized by a Multi-Objective Differential Evolution algorithm for vibration suppression of smart structures. <i>Computers and Structures</i> , 2015 , 147, 126-137	4.5	28
37	A Memetic Differential Evolution Algorithm for the Vehicle Routing Problem with Stochastic Demands. <i>Adaptation, Learning, and Optimization</i> , 2015 , 185-204	0.7	5
36	A Bumble Bees Mating Optimization algorithm for the Open Vehicle Routing Problem. <i>Swarm and Evolutionary Computation</i> , 2014 , 15, 80-94	9.8	43
35	A Hybrid Clonal Selection Algorithm for the Vehicle Routing Problem with Stochastic Demands. <i>Lecture Notes in Computer Science</i> , 2014 , 258-273	0.9	3
34	An Island Memetic Differential Evolution Algorithm for the Feature Selection Problem. <i>Studies in Computational Intelligence</i> , 2014 , 29-42	0.8	8
33	Particle Swarm Optimization for the Vehicle Routing Problem with Stochastic Demands. <i>Applied Soft Computing Journal</i> , 2013 , 13, 1693-1704	7.5	122
32	Particle swarm optimization with expanding neighborhood topology for the permutation flowshop scheduling problem. <i>Soft Computing</i> , 2013 , 17, 1159-1173	3.5	46
31	Combinatorial expanding neighborhood topology particle swarm optimization for the vehicle routing problem with stochastic demands 2013 ,		7
30	A Bilevel Particle Swarm Optimization Algorithm for Supply Chain Management Problems. <i>Studies in Computational Intelligence</i> , 2013 , 69-93	0.8	2
29	Combinatorial Neighborhood Topology Particle Swarm Optimization Algorithm for the Vehicle Routing Problem. <i>Lecture Notes in Computer Science</i> , 2013 , 133-144	0.9	7
28	A Hybridized Particle Swarm Optimization with Expanding Neighborhood Topology for the Feature Selection Problem. <i>Lecture Notes in Computer Science</i> , 2013 , 37-51	0.9	6
27	Bumble Bees Mating Optimization Algorithm for the Vehicle Routing Problem. <i>Adaptation, Learning, and Optimization</i> , 2011 , 347-369	0.7	7
26	Discrete Artificial Bee Colony Optimization Algorithm for Financial Classification Problems. <i>International Journal of Applied Metaheuristic Computing</i> , 2011 , 2, 1-17	0.8	10
25	A hybrid ACO-GRASP algorithm for clustering analysis. <i>Annals of Operations Research</i> , 2011 , 188, 343-358.	3.2	8
24	Fuzzy control optimized by a Multi-Objective Particle Swarm Optimization algorithm for vibration suppression of smart structures. <i>Structural and Multidisciplinary Optimization</i> , 2011 , 43, 29-42	3.6	40

23	A honey bees mating optimization algorithm for the open vehicle routing problem 2011 ,		6
22	A hybrid particle swarm optimization algorithm for the vehicle routing problem. <i>Engineering Applications of Artificial Intelligence</i> , 2010 , 23, 463-472	7.2	127
21	Honey Bees Mating Optimization algorithm for large scale vehicle routing problems. <i>Natural Computing</i> , 2010 , 9, 5-27	1.3	35
20	Honey Bees Mating Optimization algorithm for financial classification problems. <i>Applied Soft Computing Journal</i> , 2010 , 10, 806-812	7.5	52
19	Fuzzy control optimized by PSO for vibration suppression of beams. <i>Control Engineering Practice</i> , 2010 , 18, 618-629	3.9	67
18	A Hybrid Multi-Swarm Particle Swarm Optimization algorithm for the Probabilistic Traveling Salesman Problem. <i>Computers and Operations Research</i> , 2010 , 37, 432-442	4.6	115
17	A hybrid genetic Particle Swarm Optimization Algorithm for the vehicle routing problem. <i>Expert Systems With Applications</i> , 2010 , 37, 1446-1455	7.8	152
16	A Bumble Bees Mating Optimization Algorithm for Global Unconstrained Optimization Problems. <i>Studies in Computational Intelligence</i> , 2010 , 305-318	0.8	10
15	A hybrid Honey Bees Mating Optimization algorithm for the Probabilistic Traveling Salesman Problem 2009 ,		21
14	Evolution of the population of a genetic algorithm using particle swarm optimization: application to clustering analysis. <i>Operational Research</i> , 2009 , 9, 105-120	1.6	2
13	Intelligent and nature inspired optimization methods in medicine: the Pap smear cell classification problem. <i>Expert Systems</i> , 2009 , 26, 433-457	2.1	7
12	Ant colony and particle swarm optimization for financial classification problems. <i>Expert Systems With Applications</i> , 2009 , 36, 10604-10611	7.8	74
11	A hybrid discrete Artificial Bee Colony - GRASP algorithm for clustering 2009 ,		32
10	A Bilevel Genetic Algorithm for a real life location routing problem. <i>International Journal of Logistics Research and Applications</i> , 2008 , 11, 49-65	3.8	56
9	Honey Bees Mating Optimization for the location routing problem 2008 ,		15
8	APPLICATION OF ANT COLONY OPTIMIZATION TO CREDIT RISK ASSESSMENT. <i>New Mathematics and Natural Computation</i> , 2008 , 04, 107-122	0.6	5
7	Optimization of nearest neighbor classifiers via metaheuristic algorithms for credit risk assessment. <i>Journal of Global Optimization</i> , 2008 , 42, 279-293	1.5	31
6	A Particle Swarm Optimization Algorithm with Path Relinking for the Location Routing Problem. <i>Mathematical Modelling and Algorithms</i> , 2008 , 7, 59-78		71

5	A comparison of several nearest neighbor classifier metrics using Tabu Search algorithm for the feature selection problem. <i>Optimization Letters</i> , 2008 , 2, 299-308	1.1	7
4	A hybrid stochastic genetic CRASP algorithm for clustering analysis. <i>Operational Research</i> , 2008 , 8, 33-46	1.6	18
3	Linear-quadratic regulators applied to sewer network flow control 2003 ,		6
2	Discrete Artificial Bee Colony Optimization Algorithm for Financial Classification Problems	44-58	
1	A teaching Learning-based optimization algorithm for the environmental prize-collecting vehicle routing problem. <i>Energy Systems</i> ,	1	1.7