

Yannis Marinakis

List of Publications by Year in descending order

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71
papers

2,737
citations

230014

27
h-index

214428

50
g-index

72
all docs

72
docs citations

72
times ranked

2598
citing authors

#	ARTICLE	IF	CITATIONS
1	A cumulative unmanned aerial vehicle routing problem approach for humanitarian coverage path planning. <i>European Journal of Operational Research</i> , 2022, 300, 992-1004.	3.5	25
2	Guest editorial: Revised selected papers from the LION 13 conference. <i>Annals of Mathematics and Artificial Intelligence</i> , 2021, 89, 737-739.	0.9	0
3	Distance related: a procedure for applying directly Artificial Bee Colony algorithm in routing problems. <i>Soft Computing</i> , 2020, 24, 9071-9089.	2.1	2
4	A multi-adaptive particle swarm optimization for the vehicle routing problem with time windows. <i>Information Sciences</i> , 2019, 481, 311-329.	4.0	110
5	Variants and Formulations of the Vehicle Routing Problem. <i>Springer Optimization and Its Applications</i> , 2018, , 91-127.	0.6	2
6	Particle Swarm Optimization for the Vehicle Routing Problem: A Survey and a Comparative Analysis. , 2018, , 1163-1196.		6
7	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.	1.8	24
8	An Adaptive Bumble Bees Mating Optimization algorithm. <i>Applied Soft Computing Journal</i> , 2017, 55, 13-30.	4.1	9
9	A hybrid Particle Swarm Optimization " Variable Neighborhood Search algorithm for Constrained Shortest Path problems. <i>European Journal of Operational Research</i> , 2017, 261, 819-834.	3.5	111
10	An Island Memetic Algorithm for Real World Vehicle Routing Problems. <i>Springer Proceedings in Business and Economics</i> , 2017, , 205-223.	0.3	2
11	Particle Swarm Optimization for the Vehicle Routing Problem: A Survey and a Comparative Analysis. , 2017, , 1-34.		2
12	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.	0.6	5
13	A bumble bees mating optimization algorithm for the feature selection problem. <i>International Journal of Machine Learning and Cybernetics</i> , 2016, 7, 519-538.	2.3	18
14	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.	1.1	8
15	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.	0.9	14
16	A Glowworm Swarm Optimization algorithm for the Vehicle Routing Problem with Stochastic Demands. <i>Expert Systems With Applications</i> , 2016, 46, 145-163.	4.4	97
17	Hybrid evolutionary algorithms for the Multiobjective Traveling Salesman Problem. <i>Expert Systems With Applications</i> , 2015, 42, 8956-8970.	4.4	32
18	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.	2.7	16

#	ARTICLE	IF	CITATIONS
19	Adaptive Tuning of All Parameters in a Multi-Swarm Particle Swarm Optimization Algorithm: An Application to the Probabilistic Traveling Salesman Problem. Springer Proceedings in Mathematics and Statistics, 2015, , 187-207.	0.1	5
20	An improved particle swarm optimization algorithm for the capacitated location routing problem and for the location routing problem with stochastic demands. Applied Soft Computing Journal, 2015, 37, 680-701.	4.1	51
21	Combinatorial neighborhood topology bumble bees mating optimization for the vehicle routing problem with stochastic demands. Soft Computing, 2015, 19, 353-373.	2.1	14
22	Fuzzy control optimized by a Multi-Objective Differential Evolution algorithm for vibration suppression of smart structures. Computers and Structures, 2015, 147, 126-137.	2.4	37
23	A Memetic Differential Evolution Algorithm for the Vehicle Routing Problem with Stochastic Demands. Adaptation, Learning, and Optimization, 2015, , 185-204.	0.5	7
24	A Hybrid Clonal Selection Algorithm for the Vehicle Routing Problem with Stochastic Demands. Lecture Notes in Computer Science, 2014, , 258-273.	1.0	4
25	A Bumble Bees Mating Optimization algorithm for the Open Vehicle Routing Problem. Swarm and Evolutionary Computation, 2014, 15, 80-94.	4.5	52
26	Particle Swarm Optimization for the Vehicle Routing Problem with Stochastic Demands. Applied Soft Computing Journal, 2013, 13, 1693-1704.	4.1	155
27	Particle swarm optimization with expanding neighborhood topology for the permutation flowshop scheduling problem. Soft Computing, 2013, 17, 1159-1173.	2.1	56
28	Combinatorial expanding neighborhood topology particle swarm optimization for the vehicle routing problem with stochastic demands. , 2013, , .		8
29	A Bilevel Particle Swarm Optimization Algorithm for Supply Chain Management Problems. Studies in Computational Intelligence, 2013, , 69-93.	0.7	4
30	Combinatorial Neighborhood Topology Particle Swarm Optimization Algorithm for the Vehicle Routing Problem. Lecture Notes in Computer Science, 2013, , 133-144.	1.0	7
31	A Hybridized Particle Swarm Optimization with Expanding Neighborhood Topology for the Feature Selection Problem. Lecture Notes in Computer Science, 2013, , 37-51.	1.0	8
32	Multiple Phase Neighborhood Search-GRASP for the Capacitated Vehicle Routing Problem. Expert Systems With Applications, 2012, 39, 6807-6815.	4.4	46
33	Bumble Bees Mating Optimization Algorithm for the Vehicle Routing Problem. Adaptation, Learning, and Optimization, 2011, , 347-369.	0.5	15
34	Discrete Artificial Bee Colony Optimization Algorithm for Financial Classification Problems. International Journal of Applied Metaheuristic Computing, 2011, 2, 1-17.	0.5	10
35	A hybrid ACO-GRASP algorithm for clustering analysis. Annals of Operations Research, 2011, 188, 343-358.	2.6	10
36	Fuzzy control optimized by a Multi-Objective Particle Swarm Optimization algorithm for vibration suppression of smart structures. Structural and Multidisciplinary Optimization, 2011, 43, 29-42.	1.7	52

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37	Honey bees mating optimization algorithm for the Euclidean traveling salesman problem. Information Sciences, 2011, 181, 4684-4698.	4.0	100
38	A honey bees mating optimization algorithm for the open vehicle routing problem. , 2011, , .		7
39	A hybrid particle swarm optimization algorithm for the vehicle routing problem. Engineering Applications of Artificial Intelligence, 2010, 23, 463-472.	4.3	157
40	Honey Bees Mating Optimization algorithm for large scale vehicle routing problems. Natural Computing, 2010, 9, 5-27.	1.8	40
41	Honey Bees Mating Optimization algorithm for financial classification problems. Applied Soft Computing Journal, 2010, 10, 806-812.	4.1	60
42	Fuzzy control optimized by PSO for vibration suppression of beams. Control Engineering Practice, 2010, 18, 618-629.	3.2	78
43	A Hybrid Multi-Swarm Particle Swarm Optimization algorithm for the Probabilistic Traveling Salesman Problem. Computers and Operations Research, 2010, 37, 432-442.	2.4	154
44	A hybrid genetic " Particle Swarm Optimization Algorithm for the vehicle routing problem. Expert Systems With Applications, 2010, 37, 1446-1455.	4.4	202
45	A Bumble Bees Mating Optimization Algorithm for Global Unconstrained Optimization Problems. Studies in Computational Intelligence, 2010, , 305-318.	0.7	15
46	A hybrid Honey Bees Mating Optimization algorithm for the Probabilistic Traveling Salesman Problem. , 2009, , .		26
47	Multiple phase neighborhood Search"GRASP based on Lagrangean relaxation, random backtracking Lin"Kernighan and path relinking for the TSP. Journal of Combinatorial Optimization, 2009, 17, 134-156.	0.8	19
48	Evolution of the population of a genetic algorithm using particle swarm optimization: application to clustering analysis. Operational Research, 2009, 9, 105-120.	1.3	4
49	Intelligent and nature inspired optimization methods in medicine: the Pap smear cell classification problem. Expert Systems, 2009, 26, 433-457.	2.9	11
50	Ant colony and particle swarm optimization for financial classification problems. Expert Systems With Applications, 2009, 36, 10604-10611.	4.4	89
51	Pap smear diagnosis using a hybrid intelligent scheme focusing on genetic algorithm based feature selection and nearest neighbor classification. Computers in Biology and Medicine, 2009, 39, 69-78.	3.9	118
52	A hybrid discrete Artificial Bee Colony - GRASP algorithm for clustering. , 2009, , .		47
53	Optimization of nearest neighbor classifiers via metaheuristic algorithms for credit risk assessment. Journal of Global Optimization, 2008, 42, 279-293.	1.1	36
54	A Particle Swarm Optimization Algorithm with Path Relinking for the Location Routing Problem. Mathematical Modelling and Algorithms, 2008, 7, 59-78.	0.5	78

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55	A comparison of several nearest neighbor classifier metrics using Tabu Search algorithm for the feature selection problem. Optimization Letters, 2008, 2, 299-308.	0.9	7
56	Expanding neighborhood searchâ€“GRASP for the probabilistic traveling salesman problem. Optimization Letters, 2008, 2, 351-361.	0.9	23
57	A hybrid stochastic geneticâ€“GRASP algorithm for clustering analysis. Operational Research, 2008, 8, 33-46.	1.3	24
58	A Bilevel Genetic Algorithm for a real life location routing problem. International Journal of Logistics Research and Applications, 2008, 11, 49-65.	5.6	75
59	Honey Bees Mating Optimization Algorithm for the Vehicle Routing Problem. Studies in Computational Intelligence, 2008, , 139-148.	0.7	30
60	Honey Bees Mating Optimization for the location routing problem. , 2008, , .		16
61	A Hybrid Clustering Algorithm Based on Honey Bees Mating Optimization and Greedy Randomized Adaptive Search Procedure. Lecture Notes in Computer Science, 2008, , 138-152.	1.0	15
62	A stochastic nature inspired metaheuristic for clustering analysis. International Journal of Business Intelligence and Data Mining, 2008, 3, 30.	0.2	18
63	APPLICATION OF ANT COLONY OPTIMIZATION TO CREDIT RISK ASSESSMENT. New Mathematics and Natural Computation, 2008, 04, 107-122.	0.4	10
64	A Hybrid Particle Swarm Optimization Algorithm for Clustering Analysis. Lecture Notes in Computer Science, 2007, , 241-250.	1.0	5
65	Annotated bibliography in vehicle routing. Operational Research, 2007, 7, 27-46.	1.3	25
66	A new bilevel formulation for the vehicle routing problem and a solution method using a genetic algorithm. Journal of Global Optimization, 2007, 38, 555-580.	1.1	71
67	A Hybrid Geneticâ€“GRASP Algorithm Using Lagrangean Relaxation for the Traveling Salesman Problem. Journal of Combinatorial Optimization, 2005, 10, 311-326.	0.8	48
68	Expanding Neighborhood GRASP for the Traveling Salesman Problem. Computational Optimization and Applications, 2005, 32, 231-257.	0.9	75
69	Heuristic Solutions of Vehicle Routing Problems in Supply Chain Management. Network Optimization Problems: Algorithms, Applications and Complexity, 2002, , 205-236.	0.1	18
70	A teachingâ€“learning-based optimization algorithm for the environmental prize-collecting vehicle routing problem. Energy Systems, 0, , 1.	1.8	1
71	Discrete Artificial Bee Colony Optimization Algorithm for Financial Classification Problems. , 0, , 44-58.		0