

Michalis Mavrovouniotis

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.

41
papers

1,257
citations

15
h-index

35
g-index

44
ext. papers

1,566
ext. citations

3.8
avg, IF

5.42
L-index

#	Paper	IF	Citations
41	Scheduling a Fleet of Drones for Monitoring Missions With Spatial, Temporal, and Energy Constraints. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-13	6.1	1
40	Adaptive Multipopulation Evolutionary Algorithm for Contamination Source Identification in Water Distribution Systems. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2021 , 147, 04021014	2.8	1
39	. <i>IEEE Computational Intelligence Magazine</i> , 2020 , 15, 52-63	5.6	14
38	Self-tuning fuzzy PID-nonsingular fast terminal sliding mode control for robust fault tolerant control of robot manipulators. <i>ISA Transactions</i> , 2020 , 96, 60-68	5.5	46
37	Effective ACO-Based Memetic Algorithms for Symmetric and Asymmetric Dynamic Changes 2019 ,		2
36	Parallel Ant Colony Optimization for the Electric Vehicle Routing Problem 2019 ,		5
35	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1448-1458	7.3	160
34	Ant Colony optimization for the Electric Vehicle Routing Problem 2018 ,		9
33	Route Optimization of Electric Vehicles Based on Dynamic Wireless Charging. <i>IEEE Access</i> , 2018 , 6, 42551-42565	5.2	52
32	Ant Colony Optimization With Local Search for Dynamic Traveling Salesman Problems. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 1743-1756	10.2	108
31	A survey of swarm intelligence for dynamic optimization: Algorithms and applications. <i>Swarm and Evolutionary Computation</i> , 2017 , 33, 1-17	9.8	300
30	Pheromone modification strategy for the dynamic travelling salesman problem with weight changes 2017 ,		1
29	Pre-scheduled Colony Size Variation in Dynamic Environments. <i>Lecture Notes in Computer Science</i> , 2017 , 128-139	0.9	
28	Ant colony optimization with immigrants schemes for the dynamic railway junction rescheduling problem with multiple delays. <i>Soft Computing</i> , 2016 , 20, 2951-2966	3.5	13
27	. <i>IEEE Transactions on Evolutionary Computation</i> , 2016 , 20, 590-605	15.6	52
26	Direct Memory Schemes for Population-Based Incremental Learning in Cyclically Changing Environments. <i>Lecture Notes in Computer Science</i> , 2016 , 233-247	0.9	2
25	2016 ,		3

24	An Ant Colony Optimization Based Memetic Algorithm for the Dynamic Travelling Salesman Problem 2015 ,		12
23	Ant algorithms with immigrants schemes for the dynamic vehicle routing problem. <i>Information Sciences</i> , 2015 , 294, 456-477	7.7	64
22	Training neural networks with ant colony optimization algorithms for pattern classification. <i>Soft Computing</i> , 2015 , 19, 1511-1522	3.5	54
21	An adaptive local search algorithm for real-valued dynamic optimization 2015 ,		10
20	Population-Based Incremental Learning with Immigrants Schemes in Changing Environments 2015 ,		4
19	Applying Ant Colony Optimization to Dynamic Binary-Encoded Problems. <i>Lecture Notes in Computer Science</i> , 2015 , 845-856	0.9	2
18	Multi-colony ant algorithms for the dynamic travelling salesman problem 2014 ,		16
17	Ant colony optimization with self-adaptive evaporation rate in dynamic environments 2014 ,		11
16	Elitism-based immigrants for ant colony optimization in dynamic environments: Adapting the replacement rate 2014 ,		1
15	Interactive and non-interactive hybrid immigrants schemes for ant algorithms in dynamic environments 2014 ,		7
14	Ant colony optimization with immigrants schemes for the dynamic travelling salesman problem with traffic factors. <i>Applied Soft Computing Journal</i> , 2013 , 13, 4023-4037	7.5	99
13	Evolving neural networks using ant colony optimization with pheromone trail limits 2013 ,		10
12	Genetic algorithms with adaptive immigrants for dynamic environments 2013 ,		8
11	Adapting the Pheromone Evaporation Rate in Dynamic Routing Problems. <i>Lecture Notes in Computer Science</i> , 2013 , 606-615	0.9	15
10	Ant Colony Optimization Algorithms with Immigrants Schemes for the Dynamic Travelling Salesman Problem. <i>Studies in Computational Intelligence</i> , 2013 , 317-341	0.8	6
9	Dynamic Vehicle Routing: A Memetic Ant Colony Optimization Approach. <i>Studies in Computational Intelligence</i> , 2013 , 283-301	0.8	3
8	Ant colony optimization with memory-based immigrants for the dynamic vehicle routing problem 2012 ,		18
7	An Immigrants Scheme Based on Environmental Information for Ant Colony Optimization for the Dynamic Travelling Salesman Problem. <i>Lecture Notes in Computer Science</i> , 2012 , 1-12	0.9	6

6	Ant Colony Optimization with Immigrants Schemes for the Dynamic Vehicle Routing Problem. <i>Lecture Notes in Computer Science</i> , 2012 , 519-528	0.9	9
5	A Benchmark Generator for Dynamic Permutation-Encoded Problems. <i>Lecture Notes in Computer Science</i> , 2012 , 508-517	0.9	16
4	A memetic ant colony optimization algorithm for the dynamic travelling salesman problem. <i>Soft Computing</i> , 2011 , 15, 1405-1425	3.5	67
3	Memory-Based Immigrants for Ant Colony Optimization in Changing Environments. <i>Lecture Notes in Computer Science</i> , 2011 , 324-333	0.9	21
2	Ant colony optimization with direct communication for the traveling salesman problem 2010 ,		3
1	Ant Colony Optimization with Immigrants Schemes in Dynamic Environments 2010 , 371-380		24