

Stefka Fidanova

List of Publications by Year in descending order

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61
papers

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1058476

14
g-index

74
all docs

74
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74
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Ant Algorithm for Grid Scheduling Problem. Lecture Notes in Computer Science, 2006, , 405-412.	1.3	49
2	Hybrid GA-ACO Algorithm for a Model Parameters Identification Problem. , 0, , .		22
3	InterCriteria Analysis of ACO Start Strategies. , 0, , .		20
4	InterCriteria Analysis of a Model Parameters Identification using Genetic Algorithm. , 0, , .		17
5	ACO Algorithm with Additional Reinforcement. Lecture Notes in Computer Science, 2002, , 292-293.	1.3	15
6	ACO Algorithm for MKP Using Various Heuristic Information. Lecture Notes in Computer Science, 2003, , 438-444.	1.3	11
7	Multi-objective ACO algorithm for WSN layout: performance according to number of ants. International Journal of Metaheuristics, 2014, 3, 149.	0.1	11
8	Ant Colony Optimization for Multiple Knapsack Problem and Model Bias. Lecture Notes in Computer Science, 2005, , 280-287.	1.3	10
9	Ant Colony Optimization Algorithm for Workforce Planning. , 0, , .		10
10	Hybrid ACO Algorithm for the GPS Surveying Problem. Lecture Notes in Computer Science, 2010, , 318-325.	1.3	10
11	Structural Instability of Gold and Bimetallic Nanowires Using Monte Carlo Simulation. Studies in Computational Intelligence, 2020, , 133-145.	0.9	9
12	InterCriteria Analysis of ACO Performance for Workforce Planning Problem. Studies in Computational Intelligence, 2019, , 47-67.	0.9	9
13	Start Strategies of ACO Applied on Subset Problems. Lecture Notes in Computer Science, 2011, , 248-255.	1.3	9
14	Ant Colony Optimization with environment changes: an application to GPS surveying. , 0, , .		7
15	Ant Colony Optimization. Studies in Computational Intelligence, 2021, , 3-8.	0.9	7
16	Introducing the Environment in Ant Colony Optimization. Studies in Computational Intelligence, 2016, , 147-158.	0.9	7
17	Intuitionistic Fuzzy Estimation of the Ant Colony Optimization Starting Points. Lecture Notes in Computer Science, 2012, , 222-229.	1.3	7
18	Parameter identification of an E. coli cultivation process model using hybrid metaheuristics. International Journal of Metaheuristics, 2014, 3, 133.	0.1	6

#	ARTICLE	IF	CITATIONS
19	Monte Carlo Approach for Modeling and Optimization of One-Dimensional Bimetallic Nanostructures. Lecture Notes in Computer Science, 2019, , 133-141.	1.3	6
20	Simulated Annealing Method for Metal Nanoparticle Structures Optimization. Studies in Computational Intelligence, 2019, , 277-289.	0.9	6
21	Ant Colony Optimization Application to GPS Surveying Problems: InterCriteria Analysis. Advances in Intelligent Systems and Computing, 2018, , 251-264.	0.6	6
22	Generalized Nets: A New Approach to Model a Hashtag Linguistic Network on Twitter. Studies in Computational Intelligence, 2019, , 211-221.	0.9	6
23	Hybrid Ant Colony Optimization Algorithm for Workforce Planning. , 0, , .		6
24	Wireless sensor positioning algorithm. , 2012, , .		5
25	InterCriteria Analysis of Different Hybrid Ant Colony Optimization Algorithms for Workforce Planning. Studies in Computational Intelligence, 2020, , 61-81.	0.9	5
26	Hybrid Ant Colony Optimization Algorithm for Multiple Knapsack Problem. , 2020, , .		5
27	Experimenting with facilitating collaborative travel recommendations. , 2019, , .		4
28	Inter-Criteria Analysis Based on Belief Functions for GPS Surveying Problems. , 2019, , .		4
29	Ant Colony Optimization Algorithm for Workforce Planning: Influence of the Evaporation Parameter. , 2019, , .		4
30	ACO with Intuitionistic Fuzzy Pheromone Updating Applied on Multiple-Constraint Knapsack Problem. Mathematics, 2021, 9, 1456.	2.2	4
31	Heuristic Algorithm for 2D Cutting Stock Problem. Lecture Notes in Computer Science, 2018, , 350-357.	1.3	4
32	A Two-Stage Monte Carlo Approach for Optimization of Bimetallic Nanostructures. , 0, , .		4
33	InterCriteria Analysis of Different Variants of ACO Algorithm for Wireless Sensor Network Positioning. Lecture Notes in Computer Science, 2019, , 88-96.	1.3	3
34	Ant Colony Optimization Algorithm for Fuzzy Transport Modelling. , 0, , .		3
35	InterCriteria Analysis Applied on Air Pollution Influence on Morbidity. Mathematics, 2022, 10, 1195.	2.2	3
36	Optimal Placement of Internet of Things Infrastructure in a Smart Building. Lecture Notes in Networks and Systems, 2021, , 661-669.	0.7	2

#	ARTICLE	IF	CITATIONS
37	Different InterCriteria Analysis of Variants of ACO algorithm for Wireless Sensor Network Positioning. Studies in Computational Intelligence, 2020, , 83-103.	0.9	2
38	Ant Colony Optimization Algorithm for Workforce Planning: Influence of the Algorithm Parameters. Studies in Computational Intelligence, 2019, , 119-128.	0.9	2
39	Influence of the Temperature on Simulated Annealing Method for Metal Nanoparticle Structures Optimization. Studies in Computational Intelligence, 2021, , 278-290.	0.9	1
40	ACO for Wireless Sensor Network Positioning. Studies in Computational Intelligence, 2021, , 73-100.	0.9	1
41	Fast BF-ICrA Method for the Evaluation of MO-ACO Algorithm for WSN Layout. , 0, , .		1
42	Application of Game Theory and Evolutionary Algorithms in Solving Conflicts in Social Systems. International Journal Bioautomation, 2019, 23, 293-302.	0.3	1
43	Representation of Initial Temperature as a Function in Simulated Annealing Approach for Metal Nanoparticle Structures Modeling. Studies in Computational Intelligence, 2021, , 61-72.	0.9	1
44	Multiple Knapsack Problem. Studies in Computational Intelligence, 2021, , 9-18.	0.9	0
45	Generalized Net Model for Flying Ant Colony Optimization. Studies in Computational Intelligence, 2021, , 90-98.	0.9	0
46	Optimized Method based on Lattice Sequences for Multidimensional Integrals in Neural Networks. , 0, , .		0
47	An Optimized Stochastic Techniques related to Option Pricing. , 0, , .		0
48	An Optimized Technique for Wigner Kernel Estimation. , 0, , .		0
49	InterCriteria Analyzis of Hybrid Ant Colony Optimization Algorithm for Multiple Knapsack Problem. , 0, , .		0
50	Optimized stochastic approach for integral equations. , 0, , .		0
51	ACO for E. coli Cultivation Model. Studies in Computational Intelligence, 2021, , 45-72.	0.9	0
52	ACO for GPS Surveying Problem. Studies in Computational Intelligence, 2021, , 25-44.	0.9	0
53	Analyses and Boolean Operation of 2D Polygons. Studies in Computational Intelligence, 2019, , 107-118.	0.9	0
54	Application of Intuitionistic Fuzzy Sets for Conflict Resolution Modeling and Agent Based Simulation. International Journal Bioautomation, 2019, 23, 175-184.	0.3	0

#	ARTICLE	IF	CITATIONS
55	Teaching Supercomputers. Studies in Computational Intelligence, 2021, , 108-117.	0.9	0
56	Two Applications of Inter-Criteria Analysis with Belief Functions. Cybernetics and Information Technologies, 2020, 20, 38-59.	1.1	0
57	New Local Search Procedure for Workforce Planning Problem. Cybernetics and Information Technologies, 2020, 20, 40-48.	1.1	0
58	InterCriteria Analysis of the Evaporation Parameter Influence on Ant Colony Optimization Algorithm: A Workforce Planning Problem. Studies in Computational Intelligence, 2021, , 89-109.	0.9	0
59	A New Optimized Stochastic Approach for Multidimensional Integrals in Machine Learning. , 0, , .		0
60	A New Optimized Adaptive Approach for Estimation of the Wigner Kernel. , 0, , .		0
61	Cascaded Anomaly Detection with Coarse Sampling in Distributed Systems. Lecture Notes in Computer Science, 2022, , 181-200.	1.3	0