

Yu-Jun Zheng

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.

94
papers

1,941
citations

24
h-index

42
g-index

101
ext. papers

2,369
ext. citations

4.1
avg, IF

5.79
L-index

#	Paper	IF	Citations
94	Water Wave Optimization with Distributed-Learning Refraction. <i>Communications in Computer and Information Science</i> , 2022 , 187-200	0.3	
93	Optimization of False Target Jamming against UAV Detection. <i>Drones</i> , 2022 , 6, 114	5.4	0
92	UAV search-and-rescue planning using an adaptive memetic algorithm. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2021 , 22, 1477-1491	2.2	1
91	A Water Wave Optimization Algorithm for Order Selection and Delivery Path Optimization for Takeaway Deliverymen 2021 ,		2
90	Tridirectional Transfer Learning for Predicting Gastric Cancer Morbidity. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 561-574	10.3	5
89	Evolutionary Human-UAV Cooperation for Transmission Network Restoration. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 1648-1657	11.9	9
88	An Intelligent Algorithm for AGV Scheduling in Intelligent Warehouses. <i>Lecture Notes in Computer Science</i> , 2021 , 163-173	0.9	0
87	Multi-Objective Optimization of Integrated Civilian-Military Scheduling of Medical Supplies for Epidemic Prevention and Control. <i>Healthcare (Switzerland)</i> , 2021 , 9,	3.4	3
86	Co-evolutionary Fuzzy Deep Transfer Learning for Disaster Relief Demand Forecasting. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2021 , 1-1	4.1	1
85	Quarantine Vehicle Scheduling for Transferring High-Risk Individuals in Epidemic Areas. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	14
84	Water Wave Optimization with Self-adaptive Directed Propagation. <i>Communications in Computer and Information Science</i> , 2020 , 493-505	0.3	1
83	Real-time neural network scheduling of emergency medical mask production during COVID-19. <i>Applied Soft Computing Journal</i> , 2020 , 97, 106790	7.5	16
82	. <i>IEEE Computational Intelligence Magazine</i> , 2020 , 15, 62-73	5.6	7
81	Evolutionary Collaborative Human-UAV Search for Escaped Criminals. <i>IEEE Transactions on Evolutionary Computation</i> , 2020 , 24, 217-231	15.6	24
80	A Differential Evolution Algorithm With Adaptive Niching and K-Means Operation for Data Clustering. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	1
79	Shallow and deep neural network training by water wave optimization. <i>Swarm and Evolutionary Computation</i> , 2019 , 50, 100561	9.8	19
78	Effects of Food Contamination on Gastrointestinal Morbidity: Comparison of Different Machine-Learning Methods. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	10

77	. <i>IEEE Access</i> , 2019 , 7, 73480-73492	3.5	19
76	Water wave optimization for combinatorial optimization: Design strategies and applications. <i>Applied Soft Computing Journal</i> , 2019 , 83, 105611	7.5	26
75	Application of Biogeography-Based Optimization in Job Scheduling 2019 , 143-175		
74	Optimization Problems and Algorithms 2019 , 1-25		0
73	Application of Biogeography-Based Optimization in Transportation 2019 , 117-142		
72	Biogeography-Based Optimization 2019 , 27-49		1
71	Hybrid Biogeography-Based Optimization Algorithms 2019 , 89-115		0
70	Ecogeography-Based Optimization: Enhanced by Ecogeographic Barriers and Differentiations 2019 , 69-87		1
69	Localized Biogeography-Based Optimization: Enhanced By Local Topologies 2019 , 51-67		
68	Application of Biogeography-Based Optimization in Image Processing 2019 , 177-198		0
67	Biogeography-Based Optimization in Machine Learning 2019 , 199-217		4
66	Collaborative Human-UAV Search and Rescue for Missing Tourists in Nature Reserves. <i>Interfaces</i> , 2019 , 49, 371-383	0.7	7
65	Emergency Drug Procurement Planning Based on Big-Data Driven Morbidity Prediction. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 6379-6388	11.9	6
64	Disaster Rescue Task Scheduling: An Evolutionary Multiobjective Optimization Approach. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2018 , 6, 288-300	4.1	8
63	Generative adversarial network based telecom fraud detection at the receiving bank. <i>Neural Networks</i> , 2018 , 102, 78-86	9.1	44
62	Emergency Train Scheduling on Chinese High-Speed Railways. <i>Transportation Science</i> , 2018 , 52, 1077-1094	14	4
61	A Hybrid Evolutionary Algorithm for Combined Road-Rail Emergency Transportation Planning. <i>Lecture Notes in Computer Science</i> , 2018 , 465-476	0.9	1
60	PAR: A Practicable Formal Method and Its Supporting Platform. <i>Lecture Notes in Computer Science</i> , 2018 , 70-86	0.9	6

59	The impact of a public bicycle-sharing system on urban public transport networks. <i>Transportation Research, Part A: Policy and Practice</i> , 2018 , 107, 246-256	3.7	29
58	A Biogeography-Based Memetic Algorithm for Job-Shop Scheduling. <i>Communications in Computer and Information Science</i> , 2018 , 273-284	0.3	1
57	Enhanced Biogeography-Based Optimization for Flow-Shop Scheduling. <i>Communications in Computer and Information Science</i> , 2018 , 295-306	0.3	2
56	Water Wave Optimization for Artificial Neural Network Parameter and Structure Optimization. <i>Communications in Computer and Information Science</i> , 2018 , 343-354	0.3	1
55	Fireworks Algorithm with Enhanced Fireworks Interaction. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2017 , 14, 42-55	3	34
54	Integrated civilian-military pre-positioning of emergency supplies: A multiobjective optimization approach. <i>Applied Soft Computing Journal</i> , 2017 , 58, 732-741	7.5	15
53	An evolutionary deep neural network for predicting morbidity of gastrointestinal infections by food contamination. <i>Neurocomputing</i> , 2017 , 226, 16-22	5.4	45
52	Predicting gastrointestinal infection morbidity based on environmental pollutants: Deep learning versus traditional models. <i>Ecological Indicators</i> , 2017 , 82, 76-81	5.8	18
51	A Pythagorean-Type Fuzzy Deep Denoising Autoencoder for Industrial Accident Early Warning. <i>IEEE Transactions on Fuzzy Systems</i> , 2017 , 25, 1561-1575	8.3	42
50	Evolutionary Optimization of Airport Security Inspection Allocation. <i>Lecture Notes in Computer Science</i> , 2017 , 716-726	0.9	2
49	Airline Passenger Profiling Based on Fuzzy Deep Machine Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 2911-2923	10.3	49
48	A Hyper-Heuristic Method for UAV Search Planning. <i>Lecture Notes in Computer Science</i> , 2017 , 454-464	0.9	12
47	Biogeographic harmony search for emergency air transportation. <i>Soft Computing</i> , 2016 , 20, 967-977	3.5	17
46	Adaptive Multisubpopulation Competition and Multiniche Crowding-Based Memetic Algorithm for Automatic Data Clustering. <i>IEEE Transactions on Evolutionary Computation</i> , 2016 , 1-1	15.6	2
45	Rescue Wings: Mobile Computing and Active Services Support for Disaster Rescue. <i>IEEE Transactions on Services Computing</i> , 2016 , 9, 594-607	4.8	13
44	A Hybrid Neuro-Fuzzy Network Based on Differential Biogeography-Based Optimization for Online Population Classification in Earthquakes. <i>IEEE Transactions on Fuzzy Systems</i> , 2015 , 23, 1070-1083	8.3	57
43	A Water Wave Optimization Algorithm with Variable Population Size and Comprehensive Learning. <i>Lecture Notes in Computer Science</i> , 2015 , 124-136	0.9	10
42	Tuning maturity model of ecogeography-based optimization on CEC 2015 single-objective optimization test problems 2015 ,		6

41	A simplified water wave optimization algorithm 2015 ,		23
40	Water wave optimization: A new nature-inspired metaheuristic. <i>Computers and Operations Research</i> , 2015 , 55, 1-11	4.6	324
39	A hybrid fireworks optimization method with differential evolution operators. <i>Neurocomputing</i> , 2015 , 148, 75-82	5.4	103
38	Evolutionary optimization for disaster relief operations: A survey. <i>Applied Soft Computing Journal</i> , 2015 , 27, 553-566	7.5	90
37	Emergency scheduling of engineering rescue tasks in disaster relief operations and its application in China. <i>International Transactions in Operational Research</i> , 2015 , 22, 503-518	2.9	12
36	Emergency Railway Transportation Planning Using a Hyper-Heuristic Approach. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2015 , 16, 321-329	6.1	23
35	Ecogeography-based optimization: Enhancing biogeography-based optimization with ecogeographic barriers and differentiations. <i>Computers and Operations Research</i> , 2014 , 50, 115-127	4.6	79
34	Emergency railway wagon scheduling by hybrid biogeography-based optimization. <i>Computers and Operations Research</i> , 2014 , 43, 1-8	4.6	50
33	. <i>IEEE Transactions on Evolutionary Computation</i> , 2014 , 18, 70-81	15.6	93
32	A hybrid biogeography-based optimization and fireworks algorithm 2014 ,		31
31	Bio-Inspired Meta-Heuristics for Emergency Transportation Problems. <i>Algorithms</i> , 2014 , 7, 15-31	1.8	14
30	An Algebraic Approach to Population-Based Evolutionary Algorithm Generation. <i>Electronic Notes in Theoretical Computer Science</i> , 2014 , 309, 95-107	0.7	
29	Hyper-heuristics with penalty parameter adaptation for constrained optimization 2014 ,		1
28	Improving Enhanced Fireworks Algorithm with New Gaussian Explosion and Population Selection Strategies. <i>Lecture Notes in Computer Science</i> , 2014 , 53-63	0.9	19
27	Localized biogeography-based optimization. <i>Soft Computing</i> , 2014 , 18, 2323-2334	3.5	44
26	Evaluating a Hybrid DE and BBO with Self Adaptation on ICSI 2014 Benchmark Problems. <i>Lecture Notes in Computer Science</i> , 2014 , 422-433	0.9	5
25	Multiobjective fireworks optimization for variable-rate fertilization in oil crop production. <i>Applied Soft Computing Journal</i> , 2013 , 13, 4253-4263	7.5	90
24	Cooperative particle swarm optimization for multiobjective transportation planning. <i>Applied Intelligence</i> , 2013 , 39, 202-216	4.9	49

23	Efficient multi-objective tabu search for emergency equipment maintenance scheduling in disaster rescue. <i>Optimization Letters</i> , 2013 , 7, 89-100	1.1	12
22	Emergency transportation planning in disaster relief supply chain management: a cooperative fuzzy optimization approach. <i>Soft Computing</i> , 2013 , 17, 1301-1314	3.5	86
21	Bio-Inspired Optimization of Sustainable Energy Systems: A Review. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-12	1.1	28
20	A Simplified Biogeography-Based Optimization Using a Ring Topology. <i>Lecture Notes in Computer Science</i> , 2013 , 330-337	0.9	4
19	A new particle swarm optimization algorithm for fuzzy optimization of armored vehicle scheme design. <i>Applied Intelligence</i> , 2012 , 37, 520-526	4.9	24
18	Distributed agent based cooperative differential evolution: A master-slave model 2012 ,		5
17	Adaptive Parameters for a Modified Comprehensive Learning Particle Swarm Optimizer. <i>Mathematical Problems in Engineering</i> , 2012 , 2012, 1-11	1.1	8
16	Artificial Intelligence in Civil Engineering. <i>Mathematical Problems in Engineering</i> , 2012 , 2012, 1-22	1.1	57
15	Modeling of biological intelligence for SCM system optimization. <i>Computational and Mathematical Methods in Medicine</i> , 2012 , 2012, 769702	2.8	32
14	A Knowledge-Driven Approach to Web-Based Learning for Formal Algorithm Development. <i>Lecture Notes in Computer Science</i> , 2011 , 237-245	0.9	
13	An algebraic approach to mechanical tabu search algorithm generation 2010 ,		1
12	A problem reduction based approach to discrete optimization algorithm design. <i>Computing (Vienna/New York)</i> , 2010 , 88, 31-54	2.2	8
11	A-TEAM BASED SUPPLY CHAIN MANAGEMENT AGENT ARCHITECTURE. <i>International Journal on Artificial Intelligence Tools</i> , 2009 , 18, 801-823	0.9	5
10	A simple greedy algorithm for a class of shuttle transportation problems. <i>Optimization Letters</i> , 2009 , 3, 491-497	1.1	11
9	Toward an Automatic Approach to Greedy Algorithms. <i>Lecture Notes in Computer Science</i> , 2009 , 302-313	0.9	3
8	Formal Programming for the Shortest Path and Its Critical Edge Problems 2007 ,		1
7	From Mathematics to Software Engineering: Introducing Category Theory into the Computer Science Curriculum. <i>Lecture Notes in Computer Science</i> , 2007 , 469-476	0.9	
6	Agent Based Framework for Emergency Rescue and Assistance Planning 2007 , 70-81		1

5	2006,			1
4	Object-Oriented Specification Composition and Refinement Via Category Theoretic Computations. <i>Lecture Notes in Computer Science</i> , 2006 , 601-610	0.9		1
3	An A-Team Based Architecture for Constraint Programming. <i>Lecture Notes in Computer Science</i> , 2006 , 552-557	0.9		3
2	Hybrid evolutionary optimization for takeaway order selection and delivery path planning utilizing habit data. <i>Complex & Intelligent Systems</i> ,1	7.1		0
1	Adapted water wave optimization for integrated bank customer service representative scheduling. <i>International Journal of Production Research</i> ,1-16	7.8		0