

Yue-Jiao Gong

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.

63

papers

2,525

citations

23

h-index

50

g-index

69

ext. papers

3,264

ext. citations

7.4

avg, IF

5.43

L-index

#	Paper	IF	Citations
63	Automated Team Assembly in Mobile Games: A Data-Driven Evolutionary Approach using a Deep Learning Surrogate. <i>IEEE Transactions on Games</i> , 2022 , 1-1	1.2	1
62	Contrastive Learning: An Alternative Surrogate for Offline Data-Driven Evolutionary Computation. <i>IEEE Transactions on Evolutionary Computation</i> , 2022 , 1-1	15.6	0
61	Maximizing Lifetime of Range-Adjustable Wireless Sensor Networks: A Neighborhood-Based Estimation of Distribution Algorithm. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 5433-5444	10.2	13
60	Elastic Differential Evolution for Automatic Data Clustering. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 4134-4147	10.2	1
59	An agile vehicle-based dynamic user equilibrium scheme for urban traffic signal control. <i>IET Intelligent Transport Systems</i> , 2021 , 15, 619-634	2.4	1
58	Prior Knowledge Regularized Multiview Self-Representation and its Applications. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 1325-1338	10.3	6
57	Real-Time TaxiPassenger Matching Using a Differential Evolutionary Fuzzy Controller. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 2712-2725	7.3	4
56	Low-Rank Preserving t-Linear Projection for Robust Image Feature Extraction. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 108-120	8.7	4
55	Bipartite Cooperative Coevolution for Energy-Aware Coverage Path Planning of UAVs. <i>IEEE Transactions on Artificial Intelligence</i> , 2021 , 1-1	4.7	3
54	A Probabilistic Niching Evolutionary Computation Framework Based on Binary Space Partitioning. <i>IEEE Transactions on Cybernetics</i> , 2020 ,	10.2	1
53	Concurrent optimization of multiple base learners in neural network ensembles: An adaptive niching differential evolution approach. <i>Neurocomputing</i> , 2020 , 396, 24-38	5.4	5
52	. <i>IEEE Transactions on Multimedia</i> , 2020 , 1-1	6.6	4
51	Multiclass Classification on High Dimension and Low Sample Size Data using Genetic Programming. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2020 , 1-1	4.1	0
50	Multi-strategy Evolutionary Computation for Automated Jigsaw Puzzles. <i>Lecture Notes in Computer Science</i> , 2020 , 50-62	0.9	
49	Coordinated Charging Scheduling of Electric Vehicles: A Mixed-Variable Differential Evolution Approach. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 21, 5094-5109	6.1	55
48	Automatic Planning of Multiple Itineraries: A Niching Genetic Evolution Approach. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 21, 4225-4240	6.1	7
47	EvoTSC: An evolutionary computation-based traffic signal controller for large-scale urban transportation networks. <i>Applied Soft Computing Journal</i> , 2020 , 97, 106640	7.5	1

46	Parameter-Free Voronoi Neighborhood for Evolutionary Multimodal Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , 2020 , 24, 335-349	15.6	19
45	A Histogram Estimation of Distribution Algorithm for Reversible Lanes Optimization Problems 2019 ,		1
44	A Divide-and-Conquer Evolutionary Algorithm for Large-Scale Virtual Network Embedding. <i>IEEE Transactions on Evolutionary Computation</i> , 2019 , 1-1	15.6	9
43	Dynamic Cooperative Coevolution for Large Scale Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , 2019 , 23, 935-948	15.6	21
42	Multiobjective Cloud Workflow Scheduling: A Multiple Populations Ant Colony System Approach. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 2912-2926	10.2	106
41	A Discrete Multiobjective Particle Swarm Optimizer for Automated Assembly of Parallel Cognitive Diagnosis Tests. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 2792-2805	10.2	17
40	Historical and Heuristic-Based Adaptive Differential Evolution. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 2623-2635	7.3	40
39	An Optimization and Auction-Based Incentive Mechanism to Maximize Social Welfare for Mobile Crowdsourcing. <i>IEEE Transactions on Computational Social Systems</i> , 2019 , 6, 414-429	4.5	59
38	A Distributed Coevolution Algorithm for Black Box Optimization of Demand Response. <i>IEEE Access</i> , 2019 , 7, 51994-52006	3.5	2
37	Two-Dimensional Quaternion Sparse Discriminant Analysis. <i>IEEE Transactions on Image Processing</i> , 2019 ,	8.7	8
36	A tree-structured random walking swarm optimizer for multimodal optimization. <i>Applied Soft Computing Journal</i> , 2019 , 78, 94-108	7.5	6
35	A Dual-Colony Ant Algorithm for the Receiving and Shipping Door Assignments in Cross-Docks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2019 , 20, 2523-2539	6.1	17
34	Ensemble mating selection in evolutionary many-objective search. <i>Applied Soft Computing Journal</i> , 2019 , 76, 294-312	7.5	4
33	RGB-D Visual Salience Detection With Pseudo Depth. <i>IEEE Transactions on Image Processing</i> , 2019 , 28, 2126-2139	8.9	12
32	Path Planning for Autonomous Underwater Vehicles: An Ant Colony Algorithm Incorporating Alarm Pheromone. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 141-154	6.8	71
31	DECAL: Decomposition-Based Coevolutionary Algorithm for Many-Objective Optimization. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 27-41	10.2	19
30	Content-Adaptive Superpixel Segmentation. <i>IEEE Transactions on Image Processing</i> , 2018 , 27, 2883-2896	8.7	26
29	Differential Evolutionary Superpixel Segmentation. <i>IEEE Transactions on Image Processing</i> , 2018 , 27, 1398-1404	8.9	29

28	Learning Multimodal Parameters: A Bare-Bones Niching Differential Evolution Approach. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 2944-2959	10.3	10
27	AntMapper: An Ant Colony-Based Map Matching Approach for Trajectory-Based Applications. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2018 , 19, 390-401	6.1	54
26	Distributed Differential Evolution Based on Adaptive Mergence and Split for Large-Scale Optimization. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 2166-2180	10.2	41
25	Seeking Multiple Solutions of Combinatorial optimization Problems: A Proof of Principle Study 2018 ,		2
24	A Multi-Label Learning Method Using Affinity Propagation and Support Vector Machine. <i>IEEE Access</i> , 2017 , 5, 2955-2966	3.5	10
23	An adaptive ant colony optimization algorithm for constructing cognitive diagnosis tests. <i>Applied Soft Computing Journal</i> , 2017 , 52, 1-13	7.5	11
22	A parallel Ant Colony System based on region decomposition for Taxi-Passenger Matching 2017 ,		1
21	Link mapping-oriented ant colony system for virtual network embedding 2017 ,		7
20	Adaptive superpixel segmentation aggregating local contour and texture features 2017 ,		3
19	SpatialRecruiter: Maximizing Sensing Coverage in Selecting Workers for Spatial Crowdsourcing. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 5229-5240	6.8	29
18	Flexible genetic algorithm: A simple and generic approach to node placement problems. <i>Applied Soft Computing Journal</i> , 2017 , 52, 457-470	7.5	12
17	A parallel genetic algorithm with region division strategy to solve taxi-passenger matching problem 2017 ,		4
16	Genetic Learning Particle Swarm Optimization. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 2277-2290	10.2	268
15	Toward Fast Niching Evolutionary Algorithms: A Locality Sensitive Hashing-Based Approach. <i>IEEE Transactions on Evolutionary Computation</i> , 2016 , 1-1	15.6	6
14	A splicing-driven memetic algorithm for reconstructing cross-cut shredded text documents. <i>Applied Soft Computing Journal</i> , 2016 , 45, 163-172	7.5	10
13	KuhnMunkres Parallel Genetic Algorithm for the Set Cover Problem and Its Application to Large-Scale Wireless Sensor Networks. <i>IEEE Transactions on Evolutionary Computation</i> , 2016 , 20, 695-710	15.6	64
12	Fast Micro-Differential Evolution for Topological Active Net Optimization. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 1411-23	10.2	20
11	Localization for Drifting Restricted Floating Ocean Sensor Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 9968-9981	6.8	41

10	T-DesP: Destination Prediction Based on Big Trajectory Data. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2016 , 17, 2344-2354	6.1	45
9	Cloud Computing Resource Scheduling and a Survey of Its Evolutionary Approaches. <i>ACM Computing Surveys</i> , 2015 , 47, 1-33	13.4	264
8	Differential Evolution with an Evolution Path: A DEEP Evolutionary Algorithm. <i>IEEE Transactions on Cybernetics</i> , 2015 , 45, 1798-810	10.2	104
7	Distributed evolutionary algorithms and their models: A survey of the state-of-the-art. <i>Applied Soft Computing Journal</i> , 2015 , 34, 286-300	7.5	235
6	Differential evolution with two-level parameter adaptation. <i>IEEE Transactions on Cybernetics</i> , 2014 , 44, 1080-99	10.2	188
5	Bi-Velocity Discrete Particle Swarm Optimization and Its Application to Multicast Routing Problem in Communication Networks. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 7141-7151	8.9	88
4	An Efficient Resource Allocation Scheme Using Particle Swarm Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , 2012 , 16, 801-816	15.6	87
3	Optimizing RFID Network Planning by Using a Particle Swarm Optimization Algorithm With Redundant Reader Elimination. <i>IEEE Transactions on Industrial Informatics</i> , 2012 , 8, 900-912	11.9	89
2	. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , 2012 , 42, 254-267		108
1	Evolutionary Computation Meets Machine Learning: A Survey. <i>IEEE Computational Intelligence Magazine</i> , 2011 , 6, 68-75	5.6	150