

Yue-Jiao Gong

List of Publications by Year in descending order

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69
papers

3,896
citations

218662

26
h-index

149686

56
g-index

69
all docs

69
docs citations

69
times ranked

3843
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic Learning Particle Swarm Optimization. IEEE Transactions on Cybernetics, 2016, 46, 2277-2290.	9.5	426
2	Cloud Computing Resource Scheduling and a Survey of Its Evolutionary Approaches. ACM Computing Surveys, 2015, 47, 1-33.	23.0	366
3	Distributed evolutionary algorithms and their models: A survey of the state-of-the-art. Applied Soft Computing Journal, 2015, 34, 286-300.	7.2	361
4	Differential Evolution With Two-Level Parameter Adaptation. IEEE Transactions on Cybernetics, 2014, 44, 1080-1099.	9.5	286
5	Evolutionary Computation Meets Machine Learning: A Survey. IEEE Computational Intelligence Magazine, 2011, 6, 68-75.	3.2	204
6	Multiobjective Cloud Workflow Scheduling: A Multiple Populations Ant Colony System Approach. IEEE Transactions on Cybernetics, 2019, 49, 2912-2926.	9.5	202
7	Optimizing the Vehicle Routing Problem With Time Windows: A Discrete Particle Swarm Optimization Approach. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2012, 42, 254-267.	2.9	150
8	Differential Evolution with an Evolution Path: A DEEP Evolutionary Algorithm. IEEE Transactions on Cybernetics, 2015, 45, 1798-1810.	9.5	134
9	Coordinated Charging Scheduling of Electric Vehicles: A Mixed-Variable Differential Evolution Approach. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 5094-5109.	8.0	132
10	Path Planning for Autonomous Underwater Vehicles: An Ant Colony Algorithm Incorporating Alarm Pheromone. IEEE Transactions on Vehicular Technology, 2019, 68, 141-154.	6.3	119
11	An Efficient Resource Allocation Scheme Using Particle Swarm Optimization. IEEE Transactions on Evolutionary Computation, 2012, 16, 801-816.	10.0	117
12	Optimizing RFID Network Planning by Using a Particle Swarm Optimization Algorithm With Redundant Reader Elimination. IEEE Transactions on Industrial Informatics, 2012, 8, 900-912.	11.3	114
13	Bi-Velocity Discrete Particle Swarm Optimization and Its Application to Multicast Routing Problem in Communication Networks. IEEE Transactions on Industrial Electronics, 2014, 61, 7141-7151.	7.9	106
14	An Optimization and Auction-Based Incentive Mechanism to Maximize Social Welfare for Mobile Crowdsourcing. IEEE Transactions on Computational Social Systems, 2019, 6, 414-429.	4.4	103
15	Kuhn-Munkres Parallel Genetic Algorithm for the Set Cover Problem and Its Application to Large-Scale Wireless Sensor Networks. IEEE Transactions on Evolutionary Computation, 2016, 20, 695-710.	10.0	84
16	AntMapper: An Ant Colony-Based Map Matching Approach for Trajectory-Based Applications. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 390-401.	8.0	70
17	Distributed Differential Evolution Based on Adaptive Mergence and Split for Large-Scale Optimization. IEEE Transactions on Cybernetics, 2018, 48, 2166-2180.	9.5	68
18	Historical and Heuristic-Based Adaptive Differential Evolution. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2623-2635.	9.3	66

#	ARTICLE	IF	CITATIONS
19	Localization for Drifting Restricted Floating Ocean Sensor Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 9968-9981.	6.3	50
20	T-DesP: Destination Prediction Based on Big Trajectory Data. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 2344-2354.	8.0	50
21	Content-Adaptive Superpixel Segmentation. IEEE Transactions on Image Processing, 2018, 27, 2883-2896.	9.8	47
22	SpatialRecruiter: Maximizing Sensing Coverage in Selecting Workers for Spatial Crowdsourcing. IEEE Transactions on Vehicular Technology, 2017, 66, 5229-5240.	6.3	40
23	Differential Evolutionary Superpixel Segmentation. IEEE Transactions on Image Processing, 2018, 27, 1390-1404.	9.8	40
24	Parameter-Free Voronoi Neighborhood for Evolutionary Multimodal Optimization. IEEE Transactions on Evolutionary Computation, 2020, 24, 335-349.	10.0	40
25	Dynamic Cooperative Coevolution for Large Scale Optimization. IEEE Transactions on Evolutionary Computation, 2019, 23, 935-948.	10.0	38
26	DECAL: Decomposition-Based Coevolutionary Algorithm for Many-Objective Optimization. IEEE Transactions on Cybernetics, 2019, 49, 27-41.	9.5	30
27	A Discrete Multiobjective Particle Swarm Optimizer for Automated Assembly of Parallel Cognitive Diagnosis Tests. IEEE Transactions on Cybernetics, 2019, 49, 2792-2805.	9.5	28
28	Maximizing Lifetime of Range-Adjustable Wireless Sensor Networks: A Neighborhood-Based Estimation of Distribution Algorithm. IEEE Transactions on Cybernetics, 2021, 51, 5433-5444.	9.5	25
29	Bipartite Cooperative Coevolution for Energy-Aware Coverage Path Planning of UAVs. IEEE Transactions on Artificial Intelligence, 2022, 3, 29-42.	4.7	25
30	A Dual-Colony Ant Algorithm for the Receiving and Shipping Door Assignments in Cross-Docks. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 2523-2539.	8.0	24
31	Fast Micro-Differential Evolution for Topological Active Net Optimization. IEEE Transactions on Cybernetics, 2016, 46, 1411-1423.	9.5	23
32	Flexible genetic algorithm: A simple and generic approach to node placement problems. Applied Soft Computing Journal, 2017, 52, 457-470.	7.2	23
33	RGB-D Saliency Detection With Pseudo Depth. IEEE Transactions on Image Processing, 2019, 28, 2126-2139.	9.8	23
34	Automatic Planning of Multiple Itineraries: A Niching Genetic Evolution Approach. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 4225-4240.	8.0	22
35	Prior Knowledge Regularized Multiview Self-Representation and its Applications. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1325-1338.	11.3	20
36	Low-Rank Preserving t-Linear Projection for Robust Image Feature Extraction. IEEE Transactions on Image Processing, 2021, 30, 108-120.	9.8	18

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37	Learning Multimodal Parameters: A Bare-Bones Niching Differential Evolution Approach. IEEE Transactions on Neural Networks and Learning Systems, 2017, 29, 1-16.	11.3	17
38	A Divide-and-conquer Evolutionary Algorithm for Large-scale Virtual Network Embedding. IEEE Transactions on Evolutionary Computation, 2019, , 1-1.	10.0	15
39	An adaptive ant colony optimization algorithm for constructing cognitive diagnosis tests. Applied Soft Computing Journal, 2017, 52, 1-13.	7.2	14
40	On Reliable Multi-View Affinity Learning for Subspace Clustering. IEEE Transactions on Multimedia, 2021, 23, 4555-4566.	7.2	14
41	A splicing-driven memetic algorithm for reconstructing cross-cut shredded text documents. Applied Soft Computing Journal, 2016, 45, 163-172.	7.2	13
42	2D Quaternion Sparse Discriminant Analysis. IEEE Transactions on Image Processing, 2020, 29, 2271-2286.	9.8	13
43	Link mapping-oriented ant colony system for virtual network embedding. , 2017, , .		12
44	Elastic Differential Evolution for Automatic Data Clustering. IEEE Transactions on Cybernetics, 2021, 51, 4134-4147.	9.5	12
45	A tree-structured random walking swarm optimizer for multimodal optimization. Applied Soft Computing Journal, 2019, 78, 94-108.	7.2	11
46	A Probabilistic Niching Evolutionary Computation Framework Based on Binary Space Partitioning. IEEE Transactions on Cybernetics, 2022, 52, 51-64.	9.5	11
47	Towards Fast Niching Evolutionary Algorithms: A Locality Sensitive Hashing-Based Approach. IEEE Transactions on Evolutionary Computation, 2016, , 1-1.	10.0	10
48	A Multi-Label Learning Method Using Affinity Propagation and Support Vector Machine. IEEE Access, 2017, 5, 2955-2966.	4.2	10
49	Real-Time Taxi“Passenger Matching Using a Differential Evolutionary Fuzzy Controller. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2712-2725.	9.3	9
50	Seeking Multiple Solutions of Combinatorial optimization Problems: A Proof of Principle Study. , 2018, , .		8
51	Concurrent optimization of multiple base learners in neural network ensembles: An adaptive niching differential evolution approach. Neurocomputing, 2020, 396, 24-38.	5.9	8
52	A parallel genetic algorithm with region division strategy to solve taxi-passenger matching problem. , 2017, , .		5
53	Ensemble mating selection in evolutionary many-objective search. Applied Soft Computing Journal, 2019, 76, 294-312.	7.2	5
54	An agile vehicle“based dynamic user equilibrium scheme for urban traffic signal control. IET Intelligent Transport Systems, 2021, 15, 619-634.	3.0	5

#	ARTICLE	IF	CITATIONS
55	Contrastive Learning: An Alternative Surrogate for Offline Data-Driven Evolutionary Computation. IEEE Transactions on Evolutionary Computation, 2023, 27, 370-384.	10.0	5
56	A parallel Ant Colony System based on region decomposition for Taxi-Passenger Matching. , 2017, , .		3
57	Adaptive superpixel segmentation aggregating local contour and texture features. , 2017, , .		3
58	Multi-Population Ant Colony System for Multiple Path Planning of Food Delivery Applications. , 2018, , .		3
59	EvoTSC: An evolutionary computation-based traffic signal controller for large-scale urban transportation networks. Applied Soft Computing Journal, 2020, 97, 106640.	7.2	3
60	Multiclass Classification on High Dimension and Low Sample Size Data using Genetic Programming. IEEE Transactions on Emerging Topics in Computing, 2020, , 1-1.	4.6	3
61	A Distributed Coevolution Algorithm for Black Box Optimization of Demand Response. IEEE Access, 2019, 7, 51994-52006.	4.2	2
62	A Histogram Estimation of Distribution Algorithm for Reversible Lanes Optimization Problems. , 2019, , .		2
63	Niching Evolutionary Computation With a Priori Estimate for Solving Multi-Solution Traveling Salesman Problem. , 2020, , .		2
64	Heterogeneous Multiobjective Differential Evolution for Electric Vehicle Charging Scheduling. , 2021, , .		2
65	Adaptively Transferring Deep Neural Networks with a Hybrid Evolution Strategy. , 2020, , .		1
66	Automated Team Assembly in Mobile Games: A Data-Driven Evolutionary Approach Using a Deep Learning Surrogate. IEEE Transactions on Games, 2023, 15, 67-80.	1.4	1
67	Multi-strategy Evolutionary Computation for Automated Jigsaw Puzzles. Lecture Notes in Computer Science, 2020, , 50-62.	1.3	0
68	Geo-Attention Network for Traffic Condition Prediction and Travel Time Estimation. , 2021, , .		0
69	Enhancing the Performance of Evolutionary Clustering by Genetic Sequence Resorting. , 2020, , .		0