

# Caitong Yue

## List of Publications by Year in descending order

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38  
papers

1,357  
citations

471477

17  
h-index

434170

31  
g-index

38  
all docs

38  
docs citations

38  
times ranked

623  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Multiobjective Particle Swarm Optimizer Using Ring Topology for Solving Multimodal Multiobjective Problems. <i>IEEE Transactions on Evolutionary Computation</i> , 2018, 22, 805-817.	10.0	318
2	Multimodal multiobjective optimization with differential evolution. <i>Swarm and Evolutionary Computation</i> , 2019, 44, 1028-1059.	8.1	127
3	A novel scalable test problem suite for multimodal multiobjective optimization. <i>Swarm and Evolutionary Computation</i> , 2019, 48, 62-71.	8.1	103
4	Differential evolution using improved crowding distance for multimodal multiobjective optimization. <i>Swarm and Evolutionary Computation</i> , 2021, 62, 100849.	8.1	86
5	A clustering-based differential evolution algorithm for solving multimodal multi-objective optimization problems. <i>Swarm and Evolutionary Computation</i> , 2021, 60, 100788.	8.1	74
6	Dynamic Selection Preference-Assisted Constrained Multiobjective Differential Evolution. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 2954-2965.	9.3	74
7	Differential evolution based on reinforcement learning with fitness ranking for solving multimodal multiobjective problems. <i>Swarm and Evolutionary Computation</i> , 2019, 49, 234-244.	8.1	70
8	A Survey on Evolutionary Constrained Multiobjective Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , 2023, 27, 201-221.	10.0	62
9	An Evolutionary Multitasking Optimization Framework for Constrained Multiobjective Optimization Problems. <i>IEEE Transactions on Evolutionary Computation</i> , 2022, 26, 263-277.	10.0	60
10	Purpose-directed two-phase multiobjective differential evolution for constrained multiobjective optimization. <i>Swarm and Evolutionary Computation</i> , 2021, 60, 100799.	8.1	50
11	A self-organizing multimodal multi-objective pigeon-inspired optimization algorithm. <i>Science China Information Sciences</i> , 2019, 62, 1.	4.3	49
12	A Self-organizing Multi-objective Particle Swarm Optimization Algorithm for Multimodal Multi-objective Problems. <i>Lecture Notes in Computer Science</i> , 2018, , 550-560.	1.3	42
13	Utilizing the Relationship Between Unconstrained and Constrained Pareto Fronts for Constrained Multiobjective Optimization. <i>IEEE Transactions on Cybernetics</i> , 2023, 53, 3873-3886.	9.5	41
14	Dynamic Auxiliary Task-Based Evolutionary Multitasking for Constrained Multiobjective Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , 2023, 27, 642-656.	10.0	28
15	Multi-objective flow shop scheduling with limited buffers using hybrid self-adaptive differential evolution. <i>Memetic Computing</i> , 2019, 11, 407-422.	4.0	24
16	A grid-guided particle swarm optimizer for multimodal multi-objective problems. <i>Applied Soft Computing Journal</i> , 2022, 117, 108381.	7.2	22
17	A novel multiobjective optimization algorithm for sparse signal reconstruction. <i>Signal Processing</i> , 2020, 167, 107292.	3.7	21
18	A two-archive model based evolutionary algorithm for multimodal multi-objective optimization problems. <i>Applied Soft Computing Journal</i> , 2022, 119, 108606.	7.2	19

#	ARTICLE	IF	CITATIONS
19	Feature Extraction for Recommendation of Constrained Multiobjective Evolutionary Algorithms. IEEE Transactions on Evolutionary Computation, 2023, 27, 949-963.	10.0	12
20	Application of Sliding Nest Window Control Chart in Data Stream Anomaly Detection. Symmetry, 2018, 10, 113.	2.2	9
21	MOPSO-Based CNN for Keyword Selection on Google Ads. IEEE Access, 2019, 7, 125387-125400.	4.2	9
22	Differential Evolution with Level-Based Learning Mechanism. Complex System Modeling and Simulation, 2022, 2, 35-58.	5.3	9
23	The Application of a Double CUSUM Algorithm in Industrial Data Stream Anomaly Detection. Symmetry, 2018, 10, 264.	2.2	7
24	Ensemble learning based on fitness Euclidean-distance ratio differential evolution for classification. Natural Computing, 2021, 20, 77-87.	3.0	6
25	Adaptive parameters optimization model with 3D information extraction for infrared small target detection based on particle swarm optimization algorithm. Infrared Physics and Technology, 2021, 117, 103838.	2.9	6
26	Cooperative co-evolutionary comprehensive learning particle swarm optimizer for formulation design of explosive simulat. Memetic Computing, 2020, 12, 331-341.	4.0	5
27	Locating multiple roots of nonlinear equation systems via multi-strategy optimization algorithm with sequence quadratic program. Science China Information Sciences, 2022, 65, 1.	4.3	5
28	Adaptive Background Suppression Method Based on Intelligent Optimization for IR Small Target Detection Under Complex Cloud Backgrounds. IEEE Access, 2020, 8, 36930-36947.	4.2	4
29	Two-Stage Decomposition Method Based on Cooperation Coevolution for Feature Selection on High-Dimensional Classification. IEEE Access, 2019, 7, 163191-163201.	4.2	3
30	Niche-based cooperative co-evolutionary ensemble neural network for classification. Applied Soft Computing Journal, 2021, 113, 107951.	7.2	3
31	Ensemble Learning Based on Multimodal Multiobjective Optimization. Communications in Computer and Information Science, 2020, , 299-313.	0.5	2
32	Parameter extraction of the photovoltaic model via an improved composite differential evolution. , 2020, , .		2
33	A Differential Evolution Based Self-Adaptive Multi-Task Evolutionary Algorithm. , 2021, , .		2
34	An Improved Composite Differential Evolutionary Algorithm with Self-adaptive Mutation Strategy for Identifying Photovoltaic Model Parameters. , 2021, , .		2
35	Research on the Fastest Detection Method for Weak Trends under Noise Interference. Entropy, 2021, 23, 1093.	2.2	1
36	Routing algorithm based on SPSO. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
37	Ensemble Learning via Multimodal Multiobjective Differential Evolution and Feature Selection. Communications in Computer and Information Science, 2020, , 439-453.	0.5	0
38	A Self-adaptive Multi-task Differential Evolution Algorithm. , 2021, , .		0