Boyang Qu

List of Publications by Year
in descending order

29 papers	1,274 citations	471509 17 h-index	501196 28 g-index
29 all docs	29 docs citations	29 times ranked	676 citing authors

#	Article	IF	Citations
1	Utilizing the Relationship Between Unconstrained and Constrained Pareto Fronts for Constrained Multiobjective Optimization. IEEE Transactions on Cybernetics, 2023, 53, 3873-3886.	9.5	41
2	Feature Extraction for Recommendation of Constrained Multiobjective Evolutionary Algorithms. IEEE Transactions on Evolutionary Computation, 2023, 27, 949-963.	10.0	12
3	Dynamic Selection Preference-Assisted Constrained Multiobjective Differential Evolution. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2954-2965.	9.3	74
4	An Evolutionary Multitasking Optimization Framework for Constrained Multiobjective Optimization Problems. IEEE Transactions on Evolutionary Computation, 2022, 26, 263-277.	10.0	60
5	A grid-guided particle swarm optimizer for multimodal multi-objective problems. Applied Soft Computing Journal, 2022, 117, 108381.	7.2	22
6	Differential Evolution with Level-Based Learning Mechanism. Complex System Modeling and Simulation, 2022, 2, 35-58.	5.3	9
7	Constrained multiobjective differential evolution algorithm with infeasible-proportion control mechanism. Knowledge-Based Systems, 2022, 250, 109105.	7.1	5
8	Normalized Subband Spline Adaptive Filter: Algorithm Derivation and Analysis. Circuits, Systems, and Signal Processing, 2021, 40, 2400-2418.	2.0	11
9	Purpose-directed two-phase multiobjective differential evolution for constrained multiobjective optimization. Swarm and Evolutionary Computation, 2021, 60, 100799.	8.1	50
10	A clustering-based differential evolution algorithm for solving multimodal multi-objective optimization problems. Swarm and Evolutionary Computation, 2021, 60, 100788.	8.1	74
11	Short-term load forecasting using multimodal evolutionary algorithm and random vector functional link network based ensemble learning. Applied Energy, 2021, 285, 116415.	10.1	28
12	Differential evolution using improved crowding distance for multimodal multiobjective optimization. Swarm and Evolutionary Computation, 2021, 62, 100849.	8.1	86
13	A full mean-square analysis of CNSAF algorithm for noncircular inputs. Journal of the Franklin Institute, 2021, 358, 7883-7899.	3.4	7
14	Computing Resource Optimization of Big Data in Optical Cloud Radio Access Networked Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2021, 17, 7734-7742.	11.3	13
15	A novel multiobjective optimization algorithm for sparse signal reconstruction. Signal Processing, 2020, 167, 107292.	3.7	21
16	A self-organized speciation based multi-objective particle swarm optimizer for multimodal multi-objective problems. Applied Soft Computing Journal, 2020, 86, 105886.	7.2	79
17	Cooperative co-evolutionary comprehensive learning particle swarm optimizer for formulation design of explosive simulant. Memetic Computing, 2020, 12, 331-341.	4.0	5
18	Evolutionary multi-task optimization for parameters extraction of photovoltaic models. Energy Conversion and Management, 2020, 207, 112509.	9.2	75

#	ARTICLE	IF	CITATIONS
19	Ensemble Learning Based on Multimodal Multiobjective Optimization. Communications in Computer and Information Science, 2020, , 299-313.	0.5	2
20	A Knee Point Based NSGA-II Multi-objective Evolutionary Algorithm. Communications in Computer and Information Science, 2020, , 454-467.	0.5	0
21	Multi-objective flow shop scheduling with limited buffers using hybrid self-adaptive differential evolution. Memetic Computing, 2019, 11, 407-422.	4.0	24
22	Differential evolution based on reinforcement learning with fitness ranking for solving multimodal multiobjective problems. Swarm and Evolutionary Computation, 2019, 49, 234-244.	8.1	70
23	Multiobjective dynamic economic emission dispatch using evolutionary algorithm based on decomposition. IEEJ Transactions on Electrical and Electronic Engineering, 2019, 14, 1323-1333.	1.4	22
24	Two-Stage Decomposition Method Based on Cooperation Coevolution for Feature Selection on High-Dimensional Classification. IEEE Access, 2019, 7, 163191-163201.	4.2	3
25	MOPSO-Based CNN for Keyword Selection on Google Ads. IEEE Access, 2019, 7, 125387-125400.	4.2	9
26	A novel scalable test problem suite for multimodal multiobjective optimization. Swarm and Evolutionary Computation, 2019, 48, 62-71.	8.1	103
27	Dynamic Multi-Objective Dispatch Considering Wind Power and Electric Vehicles With Probabilistic Characteristics. IEEE Access, 2019, 7, 185634-185653.	4.2	9
28	A Multiobjective Particle Swarm Optimizer Using Ring Topology for Solving Multimodal Multiobjective Problems. IEEE Transactions on Evolutionary Computation, 2018, 22, 805-817.	10.0	318
29	A Self-organizing Multi-objective Particle Swarm Optimization Algorithm for Multimodal Multi-objective Problems. Lecture Notes in Computer Science, 2018, , 550-560.	1.3	42