Yi-Nan Guo

List of Publications by Year
in descending order

87 papers	1,523 citations	361296 20 h-index	330025 37 g-index
95 all docs	95 docs citations	95 times ranked	1077 citing authors

#	Article	IF	Citations
1	Dynamic Ensemble Selection for Imbalanced Data Streams With Concept Drift. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1278-1291.	7.2	18
2	Q-Learning-Based Hyperheuristic Evolutionary Algorithm for Dynamic Task Allocation of Crowdsensing. IEEE Transactions on Cybernetics, 2023, 53, 2211-2224.	6.2	24
3	Multisurrogate-Assisted Multitasking Particle Swarm Optimization for Expensive Multimodal Problems. IEEE Transactions on Cybernetics, 2023, 53, 2516-2530.	6.2	23
4	Angle-Based Multi-Objective Evolutionary Algorithm Based On Pruning-Power Indicator for Game Map Generation. IEEE Transactions on Emerging Topics in Computational Intelligence, 2022, 6, 341-354.	3.4	3
5	Evolutionary Dual-Ensemble Class Imbalance Learning for Human Activity Recognition. IEEE Transactions on Emerging Topics in Computational Intelligence, 2022, 6, 728-739.	3.4	22
6	Decoupling-based adaptive sliding-mode synchro-position control for a dual-cylinder driven hydraulic support with different pipelines. ISA Transactions, 2022, 123, 357-371.	3.1	14
7	Improved Nonlinear Extended State Observer-Based Sliding-Mode Rotary Control for the Rotation System of a Hydraulic Roofbolter. Entropy, 2022, 24, 41.	1.1	5
8	A transfer weighted extreme learning machine for imbalanced classification. International Journal of Intelligent Systems, 2022, 37, 7685-7705.	3.3	5
9	A dual evolutionary bagging for class imbalance learning. Expert Systems With Applications, 2022, 206, 117843.	4.4	5
10	Adaptive CCR-ELM with variable-length brain storm optimization algorithm for class-imbalance learning. Natural Computing, 2021, 20, 11-22.	1.8	25
11	Optimal active-disturbance-rejection control for propulsion of anchor-hole drillers. Science China Information Sciences, 2021, 64, 1.	2.7	6
12	Multiobjective Path Optimization for Arc Welding Robot Based on DMOEA/D-ET Algorithm and Proxy Model. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	2.4	6
13	A fast robot path planning algorithm based on bidirectional associative learning. Computers and Industrial Engineering, 2021, 155, 107173.	3.4	5
14	Evolutionary multi-task allocation for mobile crowdsensing with limited resource. Swarm and Evolutionary Computation, 2021, 63, 100872.	4.5	13
15	PD-Based Optimal ADRC with Improved Linear Extended State Observer. Entropy, 2021, 23, 888.	1.1	9
16	Feature selection with kernelized multi-class support vector machine. Pattern Recognition, 2021, 117, 107988.	5.1	68
17	Manifold cluster-based evolutionary ensemble imbalance learning. Computers and Industrial Engineering, 2021, 159, 107523.	3.4	10
18	Pneumoconiosis computer aided diagnosis system based on X-rays and deep learning. BMC Medical Imaging, 2021, 21, 189.	1.4	15

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19	Complex Scene Tracking Algorithm Based on Multi-feature Fusion. , 2021, , .		0
20	A Similarity-Based Cooperative Co-Evolutionary Algorithm for Dynamic Interval Multiobjective Optimization Problems. IEEE Transactions on Evolutionary Computation, 2020, 24, 142-156.	7.5	117
21	Grid-based dynamic robust multi-objective brain storm optimization algorithm. Soft Computing, 2020, 24, 7395-7415.	2.1	24
22	Novel Interactive Preference-Based Multiobjective Evolutionary Optimization for Bolt Supporting Networks. IEEE Transactions on Evolutionary Computation, 2020, 24, 750-764.	7.5	96
23	MOEA/D-based participant selection method for crowdsensing with social awareness. Applied Soft Computing Journal, 2020, 87, 105981.	4.1	26
24	Cooperative coevolution with an improved resource allocation for large-scale multi-objective software project scheduling. Applied Soft Computing Journal, 2020, 88, 106059.	4.1	25
25	Small-signal Analysis of DC Microgrid and Multi-objective Optimization Segmented Droop Control Suitable for Economic Dispatch. Journal of Modern Power Systems and Clean Energy, 2020, 8, 564-572.	3.3	10
26	Variable-Size Cooperative Coevolutionary Particle Swarm Optimization for Feature Selection on High-Dimensional Data. IEEE Transactions on Evolutionary Computation, 2020, 24, 882-895.	7.5	207
27	Ground Crack Recognition Based on Fully Convolutional Network With Multi-Scale Input. IEEE Access, 2020, 8, 53034-53048.	2.6	8
28	Multi-objective Combinatorial Generative Adversarial Optimization and Its Application in Crowdsensing. Lecture Notes in Computer Science, 2020, , 423-434.	1.0	3
29	Dynamic Multiobjective Software Project Scheduling Optimization Method Based on Firework Algorithm. Mathematical Problems in Engineering, 2019, 2019, 1-13.	0.6	4
30	Dynamic Multimodal Optimization: A Preliminary Study. , 2019, , .		5
31	A Preference-based Method of Updating the Surrogate Model by Broad Learning and Its Application. , 2019, , .		1
32	A decomposition-based coevolutionary multiobjective local search for combinatorial multiobjective optimization. Swarm and Evolutionary Computation, 2019, 49, 178-193.	4.5	28
33	Adaptively robust rotary speed control of an anchor-hole driller under varied surrounding rock environments. Control Engineering Practice, 2019, 86, 24-36.	3.2	26
34	Ensemble prediction-based dynamic robust multi-objective optimization methods. Swarm and Evolutionary Computation, 2019, 48, 156-171.	4.5	99
35	Firework-based software project scheduling method considering the learning and forgetting effect. Soft Computing, 2019, 23, 5019-5034.	2.1	20
36	Interval multi-objective quantum-inspired cultural algorithms. Neural Computing and Applications, 2018, 30, 709-722.	3.2	32

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37	Environment Sensitivity-Based Cooperative Co-Evolutionary Algorithms for Dynamic Multi-Objective Optimization. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 1877-1890.	1.9	67
38	Robust Dynamic Multi-Objective Vehicle Routing Optimization Method. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 1891-1903.	1.9	108
39	A Q-learning-based memetic algorithm for multi-objective dynamic software project scheduling. Information Sciences, 2018, 428, 1-29.	4.0	67
40	An Improved GMM-Based Moving Object Detection Method Under Sudden Illumination Change. Communications in Computer and Information Science, 2018, , 178-187.	0.4	1
41	VPSO-Based CCR-ELM for Imbalanced Classification. Lecture Notes in Computer Science, 2018, , 361-369.	1.0	0
42	Application of SVDD Single Categorical Data Description in Motor Fault Identification Based on Health Redundant Data. Lecture Notes in Computer Science, 2018, , 399-410.	1.0	1
43	Cultural particle swarm optimization algorithms for uncertain multi-objective problems with interval parameters. Natural Computing, 2017, 16, 527-548.	1.8	8
44	A PSO-based multi-objective multi-label feature selection method in classification. Scientific Reports, 2017, 7, 376.	1.6	72
45	A novel knowledge-guided evolutionary scheduling strategy for energy-efficient connected coverage optimization in WSNs. Peer-to-Peer Networking and Applications, 2017, 10, 547-558.	2.6	6
46	An Improved Weighted ELM with Krill Herd Algorithm for Imbalanced Learning. Lecture Notes in Computer Science, 2017, , 371-378.	1.0	2
47	An Energy Minimized Solution for Solving Redundancy of Underwater Vehicle-Manipulator System Based on Genetic Algorithm. Lecture Notes in Computer Science, 2017, , 394-401.	1.0	1
48	Fuzzy cost-based feature selection using interval multi-objective particle swarm optimization algorithm. Journal of Intelligent and Fuzzy Systems, 2016, 31, 2807-2812.	0.8	8
49	An Improved PSO Algorithm for Interval Multi-Objective Optimization Systems. IEICE Transactions on Information and Systems, 2016, E99.D, 2381-2384.	0.4	3
50	Controller design for T-S fuzzy singularly perturbed switched systems. , 2016, , .		2
51	Interval Cost Feature Selection UsingÂMulti-objective PSO and Linear Interval Programming. Lecture Notes in Computer Science, 2016, , 579-586.	1.0	0
52	Robust Dynamic Vehicle Routing Optimization with Time Windows. Lecture Notes in Computer Science, 2016, , 28-36.	1.0	1
53	Knowledge-inducing MOEA/D for interval multi-objective optimization problems. , 2016, , .		3
54	Simple calculation method for the thermodynamic properties of byproduct coal-gas fired by CCGT — A case study. , 2015, , .		1

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55	The Evolutionary Algorithm to Find Robust Pareto-Optimal Solutions over Time. Mathematical Problems in Engineering, 2015, 2015, 1-18.	0.6	7
56	The interval sensor node's model in wireless sensor network under uncertain environments. , 2015, , .		0
57	Multi-objective Quantum-Inspired Cultural Algorithm. , 2015, , .		1
58	Cultural Particle Swarm Optimization Algorithms for Interval Multi-Objective Problems. Lecture Notes in Computer Science, 2015, , 505-512.	1.0	2
59	A Hierarchical Scheduling Scheme in WSNs Based on Node-Failure Pretreatment. International Journal of Distributed Sensor Networks, 2015, 11, 397615.	1.3	2
60	Find robust solutions over time by two-layer multi-objective optimization method. , 2014, , .		15
61	Harmonious color optimization design based on adaptive interactive cultural algorithm. , 2013, , .		0
62	Community-based multi-agent cooperative interactive evolutionary computation model. International Journal of Information and Communication Technology, 2013, 5, 243.	0.1	1
63	Multi-objective Quantum Cultural Algorithm and Its Application in the Wireless Sensor Networksâ€™ Energy-Efficient Coverage Optimization. Lecture Notes in Computer Science, 2013, , 161-167.	1.0	2
64	Kernel Based Manifold Learning for Complex Industry Fault Detection. Lecture Notes in Computer Science, 2013, , 392-400.	1.0	0
65	Design and Analysis of Fast Image Encryption Algorithm based on Multiple Chaotic Systems in Real-time Security Car. International Journal of Security and Its Applications, 2013, 7, 229-240.	0.5	2
66	Supervised Isomap Based on Pairwise Constraints. Lecture Notes in Computer Science, 2012, , 447-454.	1.0	2
67	Overview of Wi-Fi Technology. , 2012, , .		4
68	ISKC Classification Method for Multi-Spectral Remote Sensing Images. Journal of Nanoelectronics and Optoelectronics, 2012, 7, 177-180.	0.1	0
69	A novel multi-population cultural algorithm adopting knowledge migration. Soft Computing, 2011, 15, 897-905.	2.1	43
70	Patterns classification of nonlinear multi-dimensional time series based on manifold learning. , 2011, , .		1
71	Multi-population cooperative particle swarm cultural algorithms. , 2011, , .		3
72	Multi-spectral Remote Sensing Images Classification Method Based on Adaptive Immune Clonal Selection Culture Algorithm. Lecture Notes in Computer Science, 2011, , 319-326.	1.0	1

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73	Knowledge-inducing Global Path Planning for Robots in Environment with Hybrid Terrain. International Journal of Advanced Robotic Systems, 2010, 7, 17.	1.3	1
74	Interactive genetic algorithms based on frequentpattern mining. , 2010, , .		4
75	Knowledge Migration Based Multi-population Cultural Algorithm. , 2009, , .		5
76	Cooperative interactive cultural algorithms adopting knowledge migration. , 2009, , .		5
77	Path planning method for robots in complex ground environment based on cultural algorithm. , 2009, , .		2
78	Gas Concentration Forecasting Based on Support Vector Regression in Correlation Space via KPCA. Lecture Notes in Computer Science, 2009, , 937-945.	1.0	1
79	Optimal Design of Passive Power Filters Based on Knowledge-Based Chaotic Evolutionary Algorithm. , 2008, , .		2
80	Optimal Design of Passive Power Filters Based on Multi-objective Cultural Algorithms. Lecture Notes in Computer Science, 2008, , 235-242.	1.0	2
81	Improved Cultural Algorithm based on Genetic Algorithm. , 2007, , .		16
82	Knowledge-Inducing Interactive Genetic Algorithms Based on Multi-agent. Lecture Notes in Computer Science, 2006, , 759-768.	1.0	4
83	Hybrid Optimization Method Based on Genetic Algorithm and Cultural Algorithm. , 2006, , .		2
84	Coking Optimization Control Model Based on Hierarchical Multi-objective Evolutionary Algorithm. , 2006, , .		0
85	A Distributed Support Vector Machines Architecture for Chaotic Time Series Prediction. Lecture Notes in Computer Science, 2006, , 892-899.	1.0	6
86	Interactive Genetic Algorithms Based on Implicit Knowledge Model. Lecture Notes in Computer Science, 2006, , 369-376.	1.0	7
87	A Novel Multi-agent Based Complex Process Control System and Its Application. , 0, , 319-330.		0