Zhi-Hui Zhan

List of Publications by Year
in descending order

172 papers	10,953 citations	47006 47 h-index	33894 99 g-index
176 all docs	176 docs citations	176 times ranked	6125 citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Particle Swarm Optimization. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 1362-1381.	5.0	1,549
2	Orthogonal Learning Particle Swarm Optimization. IEEE Transactions on Evolutionary Computation, 2011, 15, 832-847.	10.0	620
3	Particle Swarm Optimization With an Aging Leader and Challengers. IEEE Transactions on Evolutionary Computation, 2013, 17, 241-258.	10.0	598
4	Multiple Populations for Multiple Objectives: A Coevolutionary Technique for Solving Multiobjective Optimization Problems. IEEE Transactions on Cybernetics, 2013, 43, 445-463.	9.5	464
5	Cloud Computing Resource Scheduling and a Survey of Its Evolutionary Approaches. ACM Computing Surveys, 2015, 47, 1-33.	23.0	366
6	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
7	An Energy Efficient Ant Colony System for Virtual Machine Placement in Cloud Computing. IEEE Transactions on Evolutionary Computation, 2018, 22, 113-128.	10.0	306
8	Differential Evolution With Two-Level Parameter Adaptation. IEEE Transactions on Cybernetics, 2014, 44, 1080-1099.	9.5	286
9	Evolutionary Computation Meets Machine Learning: A Survey. IEEE Computational Intelligence Magazine, 2011, 6, 68-75.	3.2	204
10	Multiobjective Cloud Workflow Scheduling: A Multiple Populations Ant Colony System Approach. IEEE Transactions on Cybernetics, 2019, 49, 2912-2926.	9.5	202
11	Coevolutionary Particle Swarm Optimization With Bottleneck Objective Learning Strategy for Many-Objective Optimization. IEEE Transactions on Evolutionary Computation, 2019, 23, 587-602.	10.0	194
12	Dynamic Group Learning Distributed Particle Swarm Optimization for Large-Scale Optimization and Its Application in Cloud Workflow Scheduling. IEEE Transactions on Cybernetics, 2020, 50, 2715-2729.	9.5	159
13	Automatic Niching Differential Evolution With Contour Prediction Approach for Multimodal Optimization Problems. IEEE Transactions on Evolutionary Computation, 2020, 24, 114-128.	10.0	156
14	Particle swarm optimization based on dimensional learning strategy. Swarm and Evolutionary Computation, 2019, 45, 33-51.	8.1	155
15	Competitive and cooperative particle swarm optimization with information sharing mechanism for global optimization problems. Information Sciences, 2015, 293, 370-382.	6.9	154
16	Adaptive Distributed Differential Evolution. IEEE Transactions on Cybernetics, 2020, 50, 4633-4647.	9.5	149
17	A survey on evolutionary computation for complex continuous optimization. Artificial Intelligence Review, 2022, 55, 59-110.	15.7	143
18	Cloudde: A Heterogeneous Differential Evolution Algorithm and Its Distributed Cloud Version. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 704-716.	5.6	139

#	Article	IF	Citations
19	Triple Archives Particle Swarm Optimization. IEEE Transactions on Cybernetics, 2020, 50, 4862-4875.	9.5	139
20	Differential Evolution with an Evolution Path: A DEEP Evolutionary Algorithm. IEEE Transactions on Cybernetics, 2015, 45, 1798-1810.	9.5	134
21	A modified brain storm optimization. , 2012, , .		130
22	An Efficient Ant Colony System Based on Receding Horizon Control for the Aircraft Arrival Sequencing and Scheduling Problem. IEEE Transactions on Intelligent Transportation Systems, 2010, 11, 399-412.	8.0	129
23	Adaptive Granularity Learning Distributed Particle Swarm Optimization for Large-Scale Optimization. IEEE Transactions on Cybernetics, 2021, 51, 1175-1188.	9.5	122
24	Dual-Strategy Differential Evolution With Affinity Propagation Clustering for Multimodal Optimization Problems. IEEE Transactions on Evolutionary Computation, 2018, 22, 894-908.	10.0	120
25	An Efficient Resource Allocation Scheme Using Particle Swarm Optimization. IEEE Transactions on Evolutionary Computation, 2012, 16, 801-816.	10.0	117
26	An expanded particle swarm optimization based on multi-exemplar and forgetting ability. Information Sciences, 2020, 508, 105-120.	6.9	115
27	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
28	A multi-swarm particle swarm optimization algorithm based on dynamical topology and purposeful detecting. Applied Soft Computing Journal, 2018, 67, 126-140.	7.2	112
29	Boosting Data-Driven Evolutionary Algorithm With Localized Data Generation. IEEE Transactions on Evolutionary Computation, 2020, 24, 923-937.	10.0	111
30	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
31	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
32	Local Binary Pattern-Based Adaptive Differential Evolution for Multimodal Optimization Problems. IEEE Transactions on Cybernetics, 2020, 50, 3343-3357.	9.5	97
33	Distributed Individuals for Multiple Peaks: A Novel Differential Evolution for Multimodal Optimization Problems. IEEE Transactions on Evolutionary Computation, 2020, 24, 708-719.	10.0	95
34	SAFE: Scale-Adaptive Fitness Evaluation Method for Expensive Optimization Problems. IEEE Transactions on Evolutionary Computation, 2021, 25, 478-491.	10.0	86
35	Kuhnâ€"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
36	Secure data uploading scheme for a smart home system. Information Sciences, 2018, 453, 186-197.	6.9	78

#	Article	IF	Citations
37	Cooperative Coevolutionary Bare-Bones Particle Swarm Optimization With Function Independent Decomposition for Large-Scale Supply Chain Network Design With Uncertainties. IEEE Transactions on Cybernetics, 2020, 50, 4454-4468.	9.5	78
38	Evolutionary deep learning: A survey. Neurocomputing, 2022, 483, 42-58.	5.9	77
39	Topology selection for particle swarm optimization. Information Sciences, 2016, 363, 154-173.	6.9	74
40	Deadline constrained cloud computing resources scheduling for cost optimization based on dynamic objective genetic algorithm. , 2015, , .		71
41	Distributed Differential Evolution Based on Adaptive Mergence and Split for Large-Scale Optimization. IEEE Transactions on Cybernetics, 2018, 48, 2166-2180.	9.5	68
42	Neural Network-Based Information Transfer for Dynamic Optimization. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1557-1570.	11.3	68
43	Historical and Heuristic-Based Adaptive Differential Evolution. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2623-2635.	9.3	66
44	Data-Driven Evolutionary Algorithm With Perturbation-Based Ensemble Surrogates. IEEE Transactions on Cybernetics, 2021, 51, 3925-3937.	9.5	65
45	Energy aware virtual machine placement scheduling in cloud computing based on ant colony optimization approach. , 2014, , .		64
46	Walrasian Equilibrium-Based Multiobjective Optimization for Task Allocation in Mobile Crowdsourcing. IEEE Transactions on Computational Social Systems, 2020, 7, 1033-1046.	4.4	62
47	Region Encoding Helps Evolutionary Computation Evolve Faster: A New Solution Encoding Scheme in Particle Swarm for Large-Scale Optimization. IEEE Transactions on Evolutionary Computation, 2021, 25, 779-793.	10.0	62
48	A Multi-Objective Ant Colony System Algorithm for Airline Crew Rostering Problem With Fairness and Satisfaction. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 6784-6798.	8.0	57
49	Industry 4.0 with cyber-physical integration: A design and manufacture perspective. , 2015, , .		55
50	Large-scale evolutionary optimization: a survey and experimental comparative study. International Journal of Machine Learning and Cybernetics, 2020, 11, 729-745.	3.6	54
51	An Evolutionary Algorithm with Double-Level Archives for Multiobjective Optimization. IEEE Transactions on Cybernetics, 2015, 45, 1851-1863.	9.5	52
52	Matrix-Based Evolutionary Computation. IEEE Transactions on Emerging Topics in Computational Intelligence, 2022, 6, 315-328.	4.9	52
53	A Meta-Knowledge Transfer-Based Differential Evolution for Multitask Optimization. IEEE Transactions on Evolutionary Computation, 2022, 26, 719-734.	10.0	49
54	Efficient Hyperparameter Optimization for Convolution Neural Networks in Deep Learning: A Distributed Particle Swarm Optimization Approach. Cybernetics and Systems, 2021, 52, 36-57.	2.5	48

#	Article	IF	Citations
55	Evolutionary Computation for Expensive Optimization: A Survey. , 2022, 19, 3-23.		48
56	An Efficient Ant Colony System Approach for New Energy Vehicle Dispatch Problem. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 4784-4797.	8.0	47
57	Generation-Level Parallelism for Evolutionary Computation: A Pipeline-Based Parallel Particle Swarm Optimization. IEEE Transactions on Cybernetics, 2021, 51, 4848-4859.	9.5	40
58	Distributed Memetic Algorithm for Outsourced Database Fragmentation. IEEE Transactions on Cybernetics, 2021, 51, 4808-4821.	9.5	39
59	Distributed Differential Evolution With Adaptive Resource Allocation. IEEE Transactions on Cybernetics, 2023, 53, 2791-2804.	9.5	37
60	Multiple populations co-evolutionary particle swarm optimization for multi-objective cardinality constrained portfolio optimization problem. Neurocomputing, 2021, 430, 58-70.	5.9	35
61	Deadline Constrained Cloud Computing Resources Scheduling through an Ant Colony System Approach. , 2015, , .		34
62	Multipopulation Ant Colony System With Knowledge-Based Local Searches for Multiobjective Supply Chain Configuration. IEEE Transactions on Evolutionary Computation, 2022, 26, 512-526.	10.0	34
63	Evolutionary Computation for Intelligent Transportation in Smart Cities: A Survey [Review Article]. IEEE Computational Intelligence Magazine, 2022, 17, 83-102.	3.2	34
64	A Primary Theoretical Study on Decomposition-Based Multiobjective Evolutionary Algorithms. IEEE Transactions on Evolutionary Computation, 2016, 20, 563-576.	10.0	33
65	Parameter investigation in brain storm optimization. , 2013, , .		31
66	An Energy Aware Unified Ant Colony System for Dynamic Virtual Machine Placement in Cloud Computing. Energies, 2017, 10, 609.	3.1	31
67	Solving the Energy Efficient Coverage Problem in Wireless Sensor Networks: A Distributed Genetic Algorithm Approach with Hierarchical Fitness Evaluation. Energies, 2018, 11, 3526.	3.1	31
68	A Hybrid Evolutionary Immune Algorithm for Multiobjective Optimization Problems. IEEE Transactions on Evolutionary Computation, 2015, , 1-1.	10.0	28
69	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
70	Artificial bee colony algorithm with an adaptive greedy position update strategy. Soft Computing, 2018, 22, 437-451.	3.6	26
71	Deep Residual Convolutional Neural Network for Protein-Protein Interaction Extraction. IEEE Access, 2019, 7, 89354-89365.	4.2	26
72	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

#	Article	IF	Citations
73	Bipartite Cooperative Coevolution for Energy-Aware Coverage Path Planning of UAVs. IEEE Transactions on Artificial Intelligence, 2022, 3, 29-42.	4.7	25
74	Towards Efficient Verifiable Conjunctive Keyword Search for Large Encrypted Database. Lecture Notes in Computer Science, 2018, , 83-100.	1.3	25
75	Power Electronic Circuits Design: A Particle Swarm Optimization Approach. Lecture Notes in Computer Science, 2008, , 605-614.	1.3	25
76	Self-adaptive differential evolution based on PSO learning strategy. , 2010, , .		24
77	A survey on algorithm adaptation in evolutionary computation. Frontiers of Electrical and Electronic Engineering, 2012, 7, 16-31.	0.5	24
78	Many-Objective Job-Shop Scheduling: A Multiple Populations for Multiple Objectives-Based Genetic Algorithm Approach. IEEE Transactions on Cybernetics, 2023, 53, 1460-1474.	9.5	24
79	Adaptive control of acceleration coefficients for particle swarm optimization based on clustering analysis. , 2007, , .		23
80	Adaptive Particle Swarm Optimization. Lecture Notes in Computer Science, 2008, , 227-234.	1.3	23
81	Load Balance Aware Genetic Algorithm for Task Scheduling in Cloud Computing. Lecture Notes in Computer Science, 2014, , 644-655.	1.3	23
82	Fast Micro-Differential Evolution for Topological Active Net Optimization. IEEE Transactions on Cybernetics, 2016, 46, 1411-1423.	9.5	23
83	A Multipopulation Multiobjective Ant Colony System Considering Travel and Prevention Costs for Vehicle Routing in COVID-19-Like Epidemics. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 25062-25076.	8.0	23
84	Renumber strategy enhanced particle swarm optimization for cloud computing resource scheduling. , 2015, , .		22
85	Automatic Planning of Multiple Itineraries: A Niching Genetic Evolution Approach. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 4225-4240.	8.0	22
86	Surrogate-Assisted Hybrid-Model Estimation of Distribution Algorithm for Mixed-Variable Hyperparameters Optimization in Convolutional Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 2338-2352.	11.3	22
87	Memory-Based Ant Colony System Approach for Multi-Source Data Associated Dynamic Electric Vehicle Dispatch Optimization. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 17491-17505.	8.0	22
88	Neural Network for Change Direction Prediction in Dynamic Optimization. IEEE Access, 2018, 6, 72649-72662.	4.2	21
89	Verifiable privacy-preserving single-layer perceptron training scheme in cloud computing. Soft Computing, 2018, 22, 7719-7732.	3.6	21
90	A Multiobjective Framework for Many-Objective Optimization. IEEE Transactions on Cybernetics, 2022, 52, 13654-13668.	9.5	21

#	Article	IF	Citations
91	Resource-Aware Distributed Differential Evolution for Training Expensive Neural-Network-Based Controller in Power Electronic Circuit. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 6286-6296.	11.3	20
92	Scheduling Workflows With Composite Tasks: A Nested Particle Swarm Optimization Approach. IEEE Transactions on Services Computing, 2022, 15, 1074-1088.	4.6	19
93	Scale adaptive fitness evaluationâ€•based particle swarm optimisation for hyperparameter and architecture optimisation in neural networks and deep learning. CAAI Transactions on Intelligence Technology, 2023, 8, 849-862.	8.1	19
94	Orthogonal learning particle swarm optimization with variable relocation for dynamic optimization. , 2016, , .		18
95	Compressed-Encoding Particle Swarm Optimization with Fuzzy Learning for Large-Scale Feature Selection. Symmetry, 2022, 14, 1142.	2.2	18
96	Orthogonal Transfer for Multitask Optimization. IEEE Transactions on Evolutionary Computation, 2023, 27, 185-200.	10.0	17
97	Evolutionary Neural Network Based Energy Consumption Forecast for Cloud Computing. , 2015, , .		16
98	Intelligent Path Planning for AUVs in Dynamic Environments: An EDA-Based Learning Fixed Height Histogram Approach. IEEE Access, 2019, 7, 185433-185446.	4.2	16
99	Orthogonal learning particle swarm optimization. , 2009, , .		15
100	Renumber Coevolutionary Multiswarm Particle Swarm Optimization for Multi-objective Workflow Scheduling on Cloud Computing Environment. , 2015, , .		15
101	A Distributed Multiple Populations Framework for Evolutionary Algorithm in Solving Dynamic Optimization Problems. IEEE Access, 2019, 7, 44372-44390.	4.2	15
102	Dual Differential Grouping: A More General Decomposition Method for Large-Scale Optimization. IEEE Transactions on Cybernetics, 2023, 53, 3624-3638.	9.5	15
103	Gene Targeting Differential Evolution: A Simple and Efficient Method for Large-Scale Optimization. IEEE Transactions on Evolutionary Computation, 2023, 27, 964-979.	10.0	14
104	Enhance differential evolution with random walk. , 2012, , .		13
105	A Buffer-Based Ant Colony System Approach for Dynamic Cold Chain Logistics Scheduling. IEEE Transactions on Emerging Topics in Computational Intelligence, 2022, 6, 1438-1452.	4.9	13
106	Co-evolutionary differential evolution with dynamic population size and adaptive migration strategy. , 2011, , .		12
107	Link mapping-oriented ant colony system for virtual network embedding. , 2017, , .		12
108	A benefit-driven genetic algorithm for balancing privacy and utility in database fragmentation. , 2019, , .		12

#	Article	IF	Citations
109	Optimizing Niche Center for Multimodal Optimization Problems. IEEE Transactions on Cybernetics, 2023, 53, 2544-2557.	9.5	11
110	Multiobjective genetic algorithm for demand side management of smart grid. , 2013, , .		10
111	Parallel Particle Swarm Optimization Using Message Passing Interface. Proceedings in Adaptation, Learning and Optimization, 2015, , 55-64.	1.6	10
112	Competition-Based Distributed Differential Evolution. , 2018, , .		10
113	Distributed minimum spanning tree differential evolution for multimodal optimization problems. Soft Computing, 2019, 23, 13339-13349.	3.6	10
114	Adaptive Guidance-based Differential Evolution with Iterative Feedback Archive Strategy for Multimodal optimization Problems. , 2020, , .		10
115	An Adaptive Ant Colony System Based on Variable Range Receding Horizon Control for Berth Allocation Problem. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 21675-21686.	8.0	10
116	Parallel Differential Evolution Based on Distributed Cloud Computing Resources for Power Electronic Circuit Optimization. , 2016, , .		9
117	A New Evolutionary Computation Framework for Privacy-Preserving Optimization. , 2021, , .		9
118	Solving the Optimal Coverage Problem in Wireless Sensor Networks Using Evolutionary Computation Algorithms. Lecture Notes in Computer Science, 2010, , 166-176.	1.3	9
119	Experimental study on PSO diversity. , 2010, , .		8
120	Orthogonal learning particle swarm optimization for power electronic circuit optimization with free search range. , 2011, , .		8
121	Extended Binary Particle Swarm Optimization Approach for Disjoint Set Covers Problem in Wireless Sensor Networks. , 2012, , .		8
122	An Ant Colony Optimization Approach for Nurse Rostering Problem. , 2013, , .		8
123	Adaptive particle swarm optimization with variable relocation for dynamic optimization problems. , 2014, , .		8
124	An Improved Method for Comprehensive Learning Particle Swarm Optimization. , 2015, , .		8
125	Load balance aware distributed differential evolution for computationally expensive optimization problems. , 2017, , .		8
126	Normalization group brain storm optimization for power electronic circuit optimization. , 2014, , .		7

#	Article	IF	Citations
127	A Parallel Implementation of Multiobjective Particle Swarm Optimization Algorithm Based on Decomposition. , 2015, , .		7
128	Niching community based differential evolution for multimodal optimization problems. , 2017, , .		7
129	Competitive Swarm Optimizer with Dynamic Grouping for Large Scale Optimization. , 2018, , .		7
130	Parallel multi-strategy evolutionary algorithm using massage passing interface for many-objective optimization. , 2016, , .		6
131	Cloudde-based Distributed Differential Evolution for Solving Dynamic Optimization Problems. , 2019, , .		6
132	A Fast Efficient Local Search-Based Algorithm for Multi-Objective Supply Chain Configuration Problem. IEEE Access, 2020, 8, 62924-62931.	4.2	6
133	An Efficient Ant Colony System for Multi-Robot Task Allocation with Large-scale Cooperative Tasks and Precedence Constraints. , 2021, , .		6
134	A Set-Based Discrete Differential Evolution Algorithm. , 2013, , .		5
135	A generic archive technique for enhancing the niching performance of evolutionary computation. , 2014, , .		5
136	Bio-Inspired Computation for Solving the Optimal Coverage Problem in Wireless Sensor Networks. , 2015, , 263-285.		5
137	Differential evolution for power electronic circuit optimization. , 2015, , .		5
138	Comparisons study of APSO OLPSO and CLPSO on CEC2005 and CEC2014 test suits. , 2015, , .		5
139	Adaptive radius species based particle swarm optimization for multimodal optimization problems. , 2016, , .		5
140	An ant colony system based virtual network embedding algorithm. , 2017, , .		5
141	A Multi-Angle Hierarchical Differential Evolution Approach for Multimodal Optimization Problems. IEEE Access, 2020, 8, 178322-178335.	4.2	5
142	Parallel Particle Swarm Optimization with Adaptive Asynchronous Migration Strategy. Lecture Notes in Computer Science, 2009, , 490-501.	1.3	5
143	Particle Swarm Optimization with Hybrid Ring Topology for Multimodal Optimization Problems. , 2020, , .		5
144	Solving the flight frequency programming problem with particle swarm optimization. , 2009, , .		4

#	Article	IF	Citations
145	A genetic algorithm for the optimization of admission scheduling strategy in hospitals. , 2010, , .		4
146	Dichotomy Guided Based Parameter Adaptation for Differential Evolution. , 2015, , .		4
147	Multi-criteria differential evolution. , 2021, , .		4
148	Solving multimodal optimization problems through a multiobjective optimization approach. , 2017, , .		3
149	Adaptive Population Differential Evolution with Dual Control Strategy for Large-Scale Global optimization Problems. , 2020, , .		3
150	A New and Efficient Genetic Algorithm with Promotion Selection Operator. , 2020, , .		3
151	Pseudo multi-population differential evolution for multimodal optimization. , 2014, , .		2
152	Automatic clustering approach based on particle swarm optimization for data with arbitrary shaped clusters. , 2016, , .		2
153	Multi-runway Aircraft Arrival Scheduling: A Receding Horizon Control Based Ant Colony System Approach. , 2019, , .		2
154	A New Learning Scheme of Emotion Recognition From Speech by Using Mean Fourier Parameters. , 2019, , .		2
155	Knowledge Embedding-Assisted Multi-Exemplar Learning Particle Swarm Optimization for Traffic Signal Timing Optimization. , 2021, , .		2
156	Historical Information-based Differential Evolution for Dynamic Optimization Problem. , 2021, , .		2
157	Optimizing Power Electronic Circuit Design with Uniform Search Range. International Journal of Swarm Intelligence Research, 2014, 5, 41-59.	0.7	2
158	Experimental Study of Distributed Differential Evolution Based on Different Platforms. Communications in Computer and Information Science, 2017, , 476-486.	0.5	2
159	An Adaptive Ant Colony System for Public Bicycle Scheduling Problem. Lecture Notes in Computer Science, 2018, , 417-429.	1.3	2
160	Indicator-based multi-objective genetic programming for workflow scheduling problem. , 2017, , .		1
161	Distributed co-evolutionary particle swarm optimization using adaptive migration strategy. , 2017, , .		1
162	Two-Dimensional-Reduction Random Forest. , 2018, , .		1

#	Article	IF	Citations
163	Bridge Connecting Multiobjetive and Multimodal: A New Approach for Multiobjetive Optimization via Multimodal Optimization. , 2020, , .		1
164	Efficient High-utility Itemset Mining Based on a Novel Data Structure. , 2021, , .		1
165	An Improved Selection Operator for Multi-objective Optimization. Lecture Notes in Computer Science, 2019, , 379-388.	1.3	1
166	Multiobjective direction driven local search for constrained supply chain configuration problem. , 2020, , .		1
167	Multi-Exemplar Learning Particle Swarm Optimization for Regional Traffic Signal Timing Optimization with Multi-Intersections. , 2021, , .		1
168	Real Traffic Distance-Aware Logistics Scheduling. , 2021, , .		1
169	Social learning particle swarm optimization with two-surrogate collaboration for offline data-driven multiobjective optimization. , 2022, , .		1
170	Differential evolution enhanced with evolution path vector. , 2013, , .		0
171	Soft Subspace Clustering Ensemble Framework Based on the Latent Model. , 2017, , .		0
172	Investigation and Improvement of Distributed Differential Evolution Algorithm Cloudde. , 2021, , .		0