

Ling Wang

List of Publications by Year in descending order

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318
papers

16,244
citations

10986

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322
all docs

322
docs citations

322
times ranked

7683
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-Stage Data-Driven Evolutionary Optimization for High-Dimensional Expensive Problems. IEEE Transactions on Cybernetics, 2023, 53, 2368-2379.	9.5	11
2	Deep Reinforcement Learning Based Optimization Algorithm for Permutation Flow-Shop Scheduling. IEEE Transactions on Emerging Topics in Computational Intelligence, 2023, 7, 983-994.	4.9	23
3	Hierarchy Ranking Method for Multimodal Multiobjective Optimization With Local Pareto Fronts. IEEE Transactions on Evolutionary Computation, 2023, 27, 98-110.	10.0	36
4	Evolutionary Optimization of COVID-19 Vaccine Distribution With Evolutionary Demands. IEEE Transactions on Evolutionary Computation, 2023, 27, 141-154.	10.0	9
5	A Constrained Many-Objective Optimization Evolutionary Algorithm With Enhanced Mating and Environmental Selections. IEEE Transactions on Cybernetics, 2023, 53, 4934-4946.	9.5	8
6	Utilizing the Relationship Between Unconstrained and Constrained Pareto Fronts for Constrained Multiobjective Optimization. IEEE Transactions on Cybernetics, 2023, 53, 3873-3886.	9.5	41
7	A reinforcement learning-driven brain storm optimisation algorithm for multi-objective energy-efficient distributed assembly no-wait flow shop scheduling problem. International Journal of Production Research, 2023, 61, 2854-2872.	7.5	20
8	A Generic Markov Decision Process Model and Reinforcement Learning Method for Scheduling Agile Earth Observation Satellites. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1463-1474.	9.3	40
9	A Self-Learning Discrete Jaya Algorithm for Multiobjective Energy-Efficient Distributed No-Idle Flow-Shop Scheduling Problem in Heterogeneous Factory System. IEEE Transactions on Cybernetics, 2022, 52, 12675-12686.	9.5	106
10	Deep Reinforcement Learning for Combinatorial Optimization: Covering Salesman Problems. IEEE Transactions on Cybernetics, 2022, 52, 13142-13155.	9.5	26
11	An Effective Cooperative Co-Evolutionary Algorithm for Distributed Flowshop Group Scheduling Problems. IEEE Transactions on Cybernetics, 2022, 52, 5999-6012.	9.5	71
12	A Cooperative Memetic Algorithm With Learning-Based Agent for Energy-Aware Distributed Hybrid Flow-Shop Scheduling. IEEE Transactions on Evolutionary Computation, 2022, 26, 461-475.	10.0	54
13	A Biobjective Perspective for Mixed-Integer Programming. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2374-2385.	9.3	12
14	Elite Archive-Assisted Adaptive Memetic Algorithm for a Realistic Hybrid Differentiation Flowshop Scheduling Problem. IEEE Transactions on Evolutionary Computation, 2022, 26, 100-114.	10.0	16
15	An effective matching algorithm with adaptive tie-breaking strategy for online food delivery problem. Complex & Intelligent Systems, 2022, 8, 107-128.	6.5	15
16	A memetic discrete differential evolution algorithm for the distributed permutation flow shop scheduling problem. Complex & Intelligent Systems, 2022, 8, 141-161.	6.5	15
17	LSFQPSO: quantum particle swarm optimization with optimal guided Lévy flight and straight flight for solving optimization problems. Engineering With Computers, 2022, 38, 4651-4682.	6.1	12
18	A Voting-Mechanism-Based Ensemble Framework for Constraint Handling Techniques. IEEE Transactions on Evolutionary Computation, 2022, 26, 646-660.	10.0	25

#	ARTICLE	IF	CITATIONS
19	S-CoEA: Subproblems Co-Solving Evolutionary Algorithm for Uncertain Optimization. IEEE Transactions on Cybernetics, 2022, 52, 10123-10136.	9.5	5
20	A Knowledge-Based Two-Population Optimization Algorithm for Distributed Energy-Efficient Parallel Machines Scheduling. IEEE Transactions on Cybernetics, 2022, 52, 5051-5063.	9.5	52
21	Integrating Variable Reduction Strategy With Evolutionary Algorithms for Solving Nonlinear Equations Systems. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 75-89.	13.1	9
22	A Bi-Population Evolutionary Algorithm With Feedback for Energy-Efficient Fuzzy Flexible Job Shop Scheduling. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5295-5307.	9.3	32
23	A reinforcement learning brain storm optimization algorithm (BSO) with learning mechanism. Knowledge-Based Systems, 2022, 235, 107645.	7.1	30
24	Hybrid Multi-Objective Optimization Approach With Pareto Local Search for Collaborative Truck-Drone Routing Problems Considering Flexible Time Windows. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 13011-13025.	8.0	17
25	Multi-objective optimal power flow with stochastic wind and solar power. Applied Soft Computing Journal, 2022, 114, 108045.	7.2	51
26	Multimodal optimization via dynamically hybrid niching differential evolution. Knowledge-Based Systems, 2022, 238, 107972.	7.1	7
27	An Effective Iterated Greedy Algorithm for a Robust Distributed Permutation Flowshop Problem With Carryover Sequence-Dependent Setup Time. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5783-5794.	9.3	16
28	A Two-Stage Evolutionary Algorithm With Balanced Convergence and Diversity for Many-Objective Optimization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6222-6234.	9.3	23
29	A matrix cube-based estimation of distribution algorithm for the energy-efficient distributed assembly permutation flow-shop scheduling problem. Expert Systems With Applications, 2022, 194, 116484.	7.6	20
30	A hybrid cooperative differential evolution assisted by CMA-ES with local search mechanism. Neural Computing and Applications, 2022, 34, 7173-7197.	5.6	5
31	Efficient multiobjective optimization for an AGV energy-efficient scheduling problem with release time. Knowledge-Based Systems, 2022, 242, 108334.	7.1	23
32	A two-stage evolutionary algorithm based on three indicators for constrained multi-objective optimization. Expert Systems With Applications, 2022, 195, 116499.	7.6	26
33	Distributed Co-Evolutionary Memetic Algorithm for Distributed Hybrid Differentiation Flowshop Scheduling Problem. IEEE Transactions on Evolutionary Computation, 2022, 26, 1043-1057.	10.0	18
34	Hybrid Niching-Based Differential Evolution With Two Archives for Nonlinear Equation System. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 7469-7481.	9.3	6
35	Tourism route optimization based on improved knowledge ant colony algorithm. Complex & Intelligent Systems, 2022, 8, 3973-3988.	6.5	8
36	A multipopulation cooperative coevolutionary whale optimization algorithm with a two-stage orthogonal learning mechanism. Knowledge-Based Systems, 2022, 246, 108664.	7.1	16

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37	Constrained multi-objective evolutionary algorithm with an improved two-archive strategy. Knowledge-Based Systems, 2022, 246, 108732.	7.1	5
38	A tri-population based co-evolutionary framework for constrained multi-objective optimization problems. Swarm and Evolutionary Computation, 2022, 70, 101055.	8.1	26
39	A surrogate-assisted Jaya algorithm based on optimal directional guidance and historical learning mechanism. Engineering Applications of Artificial Intelligence, 2022, 111, 104775.	8.1	8
40	An effective water wave optimization algorithm with problem-specific knowledge for the distributed assembly blocking flow-shop scheduling problem. Knowledge-Based Systems, 2022, 243, 108471.	7.1	28
41	A cooperative memetic algorithm with feedback for the energy-aware distributed flow-shops with flexible assembly scheduling. Computers and Industrial Engineering, 2022, 168, 108126.	6.3	38
42	A discrete learning fruit fly algorithm based on knowledge for the distributed no-wait flow shop scheduling with due windows. Expert Systems With Applications, 2022, 198, 116921.	7.6	15
43	Offline data-driven evolutionary optimization based on model selection. Swarm and Evolutionary Computation, 2022, 71, 101080.	8.1	10
44	Multi-node load forecasting based on multi-task learning with modal feature extraction. Engineering Applications of Artificial Intelligence, 2022, 112, 104856.	8.1	16
45	Differential Human Learning Optimization Algorithm. Computational Intelligence and Neuroscience, 2022, 2022, 1-19.	1.7	1
46	Modeling stochastic service time for complex on-demand food delivery. Complex & Intelligent Systems, 2022, 8, 4939-4953.	6.5	3
47	A two-stage cooperative scatter search algorithm with multi-population hierarchical learning mechanism. Expert Systems With Applications, 2022, 203, 117444.	7.6	5
48	A matrix-cube-based estimation of distribution algorithm for blocking flow-shop scheduling problem with sequence-dependent setup times. Expert Systems With Applications, 2022, 205, 117602.	7.6	6
49	A data-driven parallel adaptive large neighborhood search algorithm for a large-scale inter-satellite link scheduling problem. Swarm and Evolutionary Computation, 2022, 74, 101124.	8.1	4
50	An Automated Cell Tracking Approach With Multi-Bernoulli Filtering and Ant Colony Labor Division. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 1850-1863.	3.0	8
51	A Bi-Population Cooperative Memetic Algorithm for Distributed Hybrid Flow-Shop Scheduling. IEEE Transactions on Emerging Topics in Computational Intelligence, 2021, 5, 947-961.	4.9	50
52	A Two-Phase Coordinated Planning Approach for Heterogeneous Earth-Observation Resources to Monitor Area Targets. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6388-6403.	9.3	18
53	An estimation of distribution algorithm with branch-and-bound based knowledge for robotic assembly line balancing. Complex & Intelligent Systems, 2021, 7, 1125-1138.	6.5	7
54	Multiobjective Differential Evolution Algorithm for Solving Robotic Cell Scheduling Problem With Batch-Processing Machines. IEEE Transactions on Automation Science and Engineering, 2021, 18, 757-775.	5.2	28

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55	Hybrid Evolutionary Scheduling for Energy-Efficient Fog-Enhanced Internet of Things. IEEE Transactions on Cloud Computing, 2021, 9, 641-653.	4.4	26
56	A matrix-cube-based estimation of distribution algorithm for the distributed assembly permutation flow-shop scheduling problem. Swarm and Evolutionary Computation, 2021, 60, 100785.	8.1	46
57	Preference-inspired coevolutionary algorithm with active diversity strategy for multi-objective multi-modal optimization. Information Sciences, 2021, 546, 1148-1165.	6.9	29
58	A clustering-based differential evolution with different crowding factors for nonlinear equations system. Applied Soft Computing Journal, 2021, 98, 106733.	7.2	19
59	PCA-assisted reproduction for continuous multi-objective optimization with complicated Pareto optimal set. Swarm and Evolutionary Computation, 2021, 60, 100795.	8.1	5
60	An XGBoost-enhanced fast constructive algorithm for food delivery route planning problem. Computers and Industrial Engineering, 2021, 152, 107029.	6.3	24
61	A Self-Adaptive Differential Evolution Algorithm for Scheduling a Single Batch-Processing Machine With Arbitrary Job Sizes and Release Times. IEEE Transactions on Cybernetics, 2021, 51, 1430-1442.	9.5	146
62	Hybrid Grey Wolf Optimizer for Vehicle Routing Problem with Multiple Time Windows. Lecture Notes in Computer Science, 2021, , 684-693.	1.3	0
63	Multidimensional Estimation of Distribution Algorithm for Distributed No-Wait Flow-Shop Scheduling Problem with Sequence-Independent Setup Times and Release Dates. Lecture Notes in Computer Science, 2021, , 663-672.	1.3	0
64	An Improved Lagrangian Relaxation Algorithm for Solving the Lower Bound of Production Logistics. Lecture Notes in Computer Science, 2021, , 652-662.	1.3	0
65	Solving Online Food Delivery Problem via an Effective Hybrid Algorithm with Intelligent Batching Strategy. Lecture Notes in Computer Science, 2021, , 340-354.	1.3	1
66	Solving two-stage stochastic route-planning problem in milliseconds via end-to-end deep learning. Complex & Intelligent Systems, 2021, 7, 1207-1222.	6.5	10
67	Controller for the Pulverizing System Based on Intelligent Virtual Reference Feedback Tuning. Recent Advances in Electrical and Electronic Engineering, 2021, 14, 210-221.	0.3	2
68	Nonlinear Equations Solving with Intelligent Optimization Algorithms: A Survey. Complex System Modeling and Simulation, 2021, 1, 15-32.	5.3	62
69	An evolutionary fuzzy scheduler for multi-objective resource allocation in fog computing. Future Generation Computer Systems, 2021, 117, 498-509.	7.5	34
70	An effective multi-objective evolutionary algorithm for solving the AGV scheduling problem with pickup and delivery. Knowledge-Based Systems, 2021, 218, 106881.	7.1	32
71	Guest Editorial on "Knowledge fusion intelligent optimization for complex systems". Complex & Intelligent Systems, 2021, 7, 1123.	6.5	1
72	An effective memetic algorithm for UAV routing and orientation under uncertain navigation environments. Memetic Computing, 2021, 13, 169-183.	4.0	10

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73	Guest Editorial: Special issue on memetic algorithms with learning strategy. Memetic Computing, 2021, 13, 147-148.	4.0	2
74	A hierarchical knowledge guided backtracking search algorithm with self-learning strategy. Engineering Applications of Artificial Intelligence, 2021, 102, 104268.	8.1	9
75	A Novel Evolutionary Algorithm with Adaptation Mechanism for Fuzzy Permutation Flow-Shop Scheduling. , 2021, , .		2
76	A cooperative coevolution algorithm for complex hybrid seru-system scheduling optimization. Complex & Intelligent Systems, 2021, 7, 2559-2576.	6.5	8
77	Fair-efficient energy trading for microgrid cluster in an active distribution network. Sustainable Energy, Grids and Networks, 2021, 26, 100453.	3.9	10
78	A path relinking enhanced estimation of distribution algorithm for direct acyclic graph task scheduling problem. Knowledge-Based Systems, 2021, 228, 107255.	7.1	13
79	A simple two-stage evolutionary algorithm for constrained multi-objective optimization. Knowledge-Based Systems, 2021, 228, 107263.	7.1	29
80	A Monocular Vision Obstacle Avoidance Method Applied to Indoor Tracking Robot. Drones, 2021, 5, 105.	4.9	5
81	Knowledge-based memetic algorithm for joint task planning of multi-platform earth observation system. Computers and Industrial Engineering, 2021, 160, 107559.	6.3	5
82	Decomposition-based multi-objective optimization for energy-aware distributed hybrid flow shop scheduling with multiprocessor tasks. Tsinghua Science and Technology, 2021, 26, 646-663.	6.1	62
83	Distributed scheduling problems in intelligent manufacturing systems. Tsinghua Science and Technology, 2021, 26, 625-645.	6.1	94
84	An optimal block knowledge driven backtracking search algorithm for distributed assembly No-wait flow shop scheduling problem. Applied Soft Computing Journal, 2021, 112, 107750.	7.2	30
85	Adaptive constraint differential evolution for optimal power flow. Energy, 2021, 235, 121362.	8.8	40
86	A hierarchical guidance strategy assisted fruit fly optimization algorithm with cooperative learning mechanism. Expert Systems With Applications, 2021, 183, 115342.	7.6	12
87	Data-Driven Heuristic Assisted Memetic Algorithm for Efficient Inter-Satellite Link Scheduling in the BeiDou Navigation Satellite System. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1800-1816.	13.1	27
88	An effective iterated greedy algorithm for PCBs grouping problem to minimize setup times. Applied Soft Computing Journal, 2021, 112, 107830.	7.2	1
89	A Two-Stage Cooperative Evolutionary Algorithm With Problem-Specific Knowledge for Energy-Efficient Scheduling of No-Wait Flow-Shop Problem. IEEE Transactions on Cybernetics, 2021, 51, 5291-5303.	9.5	128
90	Human Learning Optimization with Self-tuning Random Learning Strategy. , 2021, , .		1

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91	A Human Learning Optimization Algorithm with Link Prediction Strategy. , 2021, , .		1
92	Water Level Control of Steam Generator in Nuclear Power Plant Based on Intelligent MFAC-PID. , 2021, , .		1
93	è€fè™'è;è¼¼“æ—¶é—çš„â^fâ,fâ¼ç»¿è%²æÿ” æ€\$â½œä,šè½ é—è°fâ°!ââ€ç¼æ™ºèf½ä¼~â€— . Zhongguo Kexue Jishu Kexue/S		
94	Decomposition based multiobjective evolutionary algorithm with adaptive resource allocation for energy-aware welding shop scheduling problem. Computers and Industrial Engineering, 2021, 162, 107778.	6.3	9
95	A Review of Reinforcement Learning Based Intelligent Optimization for Manufacturing Scheduling. Complex System Modeling and Simulation, 2021, 1, 257-270.	5.3	90
96	Learning Whale Optimization Algorithm for Open Vehicle Routing Problem with Loading Constraints. Discrete Dynamics in Nature and Society, 2021, 2021, 1-14.	0.9	2
97	Multipartite-Graph Representation for Transportation Planning in Express Delivery Network. , 2021, , .		0
98	A Knowledge-Based Cooperative Algorithm for Energy-Efficient Scheduling of Distributed Flow-Shop. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1805-1819.	9.3	137
99	Behavior of crossover operators in NSGA-III for large-scale optimization problems. Information Sciences, 2020, 509, 470-487.	6.9	151
100	Hyperplane Assisted Evolutionary Algorithm for Many-Objective Optimization Problems. IEEE Transactions on Cybernetics, 2020, 50, 3367-3380.	9.5	103
101	Solving Nonlinear Equations System With Dynamic Repulsion-Based Evolutionary Algorithms. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1590-1601.	9.3	44
102	Finding Multiple Roots of Nonlinear Equation Systems via a Repulsion-Based Adaptive Differential Evolution. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1499-1513.	9.3	74
103	Modified NSGA-III for sensor placement in water distribution system. Information Sciences, 2020, 509, 488-500.	6.9	43
104	A review of energy-efficient scheduling in intelligent production systems. Complex & Intelligent Systems, 2020, 6, 237-249.	6.5	139
105	Hybrid Artificial Bee Colony Algorithm for a Parallel Batching Distributed Flow-Shop Problem With Deteriorating Jobs. IEEE Transactions on Cybernetics, 2020, 50, 2425-2439.	9.5	121
106	A Multimodel Prediction Method for Dynamic Multiobjective Evolutionary Optimization. IEEE Transactions on Evolutionary Computation, 2020, 24, 290-304.	10.0	76
107	A Data-Driven Parallel Scheduling Approach for Multiple Agile Earth Observation Satellites. IEEE Transactions on Evolutionary Computation, 2020, 24, 679-693.	10.0	40
108	Multi-objective optimal design of hybrid renewable energy system under multiple scenarios. Renewable Energy, 2020, 151, 226-237.	8.9	59

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109	Clonal selection based intelligent parameter inversion algorithm for prestack seismic data. Information Sciences, 2020, 517, 86-99.	6.9	21
110	Integrated agile observation satellite scheduling problem considering different memory environments: a case study. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2020, 42, 1.	1.6	4
111	A cubic spline method combing improved particle swarm optimization for robot path planning in dynamic uncertain environment. International Journal of Advanced Robotic Systems, 2020, 17, 172988141989166.	2.1	13
112	Paradoxes in Numerical Comparison of Optimization Algorithms. IEEE Transactions on Evolutionary Computation, 2020, 24, 777-791.	10.0	10
113	A decomposition-based differential evolution with reinitialization for nonlinear equations systems. Knowledge-Based Systems, 2020, 191, 105312.	7.1	19
114	A hybrid adaptive teachingâ€“learning-based optimization and differential evolution for parameter identification of photovoltaic models. Energy Conversion and Management, 2020, 225, 113474.	9.2	66
115	A collaborative LSHADE algorithm with comprehensive learning mechanism. Applied Soft Computing Journal, 2020, 96, 106609.	7.2	20
116	A comparative study on evolutionary algorithms for the agent routing problem in multi-point dynamic task. International Journal of Automation and Control, 2020, 14, 571.	0.5	1
117	Solving energy-efficient distributed job shop scheduling via multi-objective evolutionary algorithm with decomposition. Swarm and Evolutionary Computation, 2020, 58, 100745.	8.1	58
118	Memetic niching-based evolutionary algorithms for solving nonlinear equation system. Expert Systems With Applications, 2020, 149, 113261.	7.6	16
119	A Hybrid Differential Evolution Algorithm for the Online Meal Delivery Problem. , 2020, , .		10
120	An Effective Iterated Greedy Algorithm for Online Route Planning Problem. , 2020, , .		14
121	A Two-stage Algorithm for Fuzzy Online Order Dispatching Problem. , 2020, , .		10
122	Effective algorithms for single-machine learning-effect scheduling to minimize completion-time-based criteria with release dates. Expert Systems With Applications, 2020, 156, 113445.	7.6	17
123	Bound-guided hybrid estimation of distribution algorithm for energy-efficient robotic assembly line balancing. Computers and Industrial Engineering, 2020, 146, 106604.	6.3	12
124	Multi-objective based scheduling algorithm for sudden drinking water contamination incident. Swarm and Evolutionary Computation, 2020, 55, 100674.	8.1	21
125	An Improved Ant Colony Optimization algorithm to the Periodic Vehicle Routing Problem with Time Window and Service Choice. Swarm and Evolutionary Computation, 2020, 55, 100675.	8.1	63
126	Optimal power flow by means of improved adaptive differential evolution. Energy, 2020, 198, 117314.	8.8	102

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127	Multi-objective optimization based on decomposition for flexible job shop scheduling under time-of-use electricity prices. Knowledge-Based Systems, 2020, 204, 106177.	7.1	43
128	An ensemble discrete differential evolution for the distributed blocking flowshop scheduling with minimizing makespan criterion. Expert Systems With Applications, 2020, 160, 113678.	7.6	145
129	A Lightweight Appearance Quality Assessment System Based on Parallel Deep Learning for Painted Car Body. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 5298-5307.	4.7	14
130	A cooperative coevolution algorithm for multi-objective fuzzy distributed hybrid flow shop. Knowledge-Based Systems, 2020, 194, 105536.	7.1	80
131	Deep reinforcement learning based valve scheduling for pollution isolation in water distribution network. Mathematical Biosciences and Engineering, 2020, 17, 105-121.	1.9	9
132	A hybrid swarm intelligence with improved ring topology for nonlinear equations. Scientia Sinica Informationis, 2020, 50, 396-407.	0.4	5
133	A multi-objective optimization method for intelligent swarm robotic control model with changeable parameters. Zhongguo Kexue Jishu Kexue/Scientia Sinica Technologica, 2020, 50, 526-537.	0.5	4
134	Tractor steering teleoperation control with fuzzy PID algorithm based on delay time measurement with timestamp. , 2020, , .		0
135	An improved multi-objective evolutionary algorithm based on decomposition for energy-efficient permutation flow shop scheduling problem with sequence-dependent setup time. International Journal of Production Research, 2019, 57, 1756-1771.	7.5	82
136	Elastic parameter inversion problem based on brain storm optimization algorithm. Memetic Computing, 2019, 11, 143-153.	4.0	10
137	A distributed permutation flowshop scheduling problem with the customer order constraint. Knowledge-Based Systems, 2019, 184, 104894.	7.1	66
138	A Multi Ant System based hybrid heuristic algorithm for Vehicle Routing Problem with Service Time Customization. Swarm and Evolutionary Computation, 2019, 50, 100563.	8.1	17
139	Whale Optimization Algorithm with Local Search for Open Shop Scheduling Problem to Minimize Makespan. Lecture Notes in Computer Science, 2019, , 678-687.	1.3	0
140	Hybrid Cross-entropy Algorithm for Mixed Model U-shaped Assembly Line Balancing Problem. Lecture Notes in Computer Science, 2019, , 676-685.	1.3	1
141	A collaborative optimization algorithm for energy-efficient multi-objective distributed no-idle flow-shop scheduling. Swarm and Evolutionary Computation, 2019, 50, 100557.	8.1	75
142	Comparative study on parameter extraction of photovoltaic models via differential evolution. Energy Conversion and Management, 2019, 201, 112113.	9.2	47
143	Iterated Local Search for Steelmaking-refining-Continuous Casting Scheduling Problem. , 2019, , .		0
144	Thematic issue on "advanced intelligent scheduling algorithms for smart manufacturing systems" Memetic Computing, 2019, 11, 333-334.	4.0	3

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145	An improved Q-learning based rescheduling method for flexible job-shops with machine failures. , 2019, , .		18
146	Hybrid Evolutionary Algorithm for Integrated Supply Chain Network Design With Assembly Line Balancing. , 2019, , .		2
147	Green Job Shop Scheduling Problem with Machine at Different Speeds using a multi-objective grey wolf optimization algorithm. , 2019, , .		3
148	A Deadline-Aware Estimation of Distribution Algorithm for Resource Scheduling in Fog Computing Systems. , 2019, , .		15
149	Parameter estimation of photovoltaic models with memetic adaptive differential evolution. Solar Energy, 2019, 190, 465-474.	6.1	128
150	Navigation Algorithm Based on the Boundary Line of Tillage Soil Combined with Guided Filtering and Improved Anti-Noise Morphology. Sensors, 2019, 19, 3918.	3.8	6
151	Effective heuristics and metaheuristics to minimize total flowtime for the distributed permutation flowshop problem. Expert Systems With Applications, 2019, 124, 309-324.	7.6	196
152	Comprehensive learning pigeon-inspired optimization with tabu list. Science China Information Sciences, 2019, 62, 1.	4.3	19
153	Fuzzy neighborhood-based differential evolution with orientation for nonlinear equation systems. Knowledge-Based Systems, 2019, 182, 104796.	7.1	36
154	Sensing: Reversible/Irreversible Photobleaching of Fluorescent Surface Defects of SiC Quantum Dots: Mechanism and Sensing of Solar UV Irradiation (Adv. Mater. Interfaces 11/2019). Advanced Materials Interfaces, 2019, 6, 1970070.	3.7	0
155	Reversible/Irreversible Photobleaching of Fluorescent Surface Defects of SiC Quantum Dots: Mechanism and Sensing of Solar UV Irradiation. Advanced Materials Interfaces, 2019, 6, 1900272.	3.7	3
156	Parameter extraction of photovoltaic models using an improved teaching-learning-based optimization. Energy Conversion and Management, 2019, 186, 293-305.	9.2	211
157	A memetic algorithm with competition for the capacitated green vehicle routing problem. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 516-526.	13.1	79
158	A decomposition-based matheuristic for supply chain network design with assembly line balancing. Computers and Industrial Engineering, 2019, 131, 408-417.	6.3	12
159	A multi-objective hot-rolling scheduling problem in the compact strip production. Applied Mathematical Modelling, 2019, 73, 327-348.	4.2	39
160	Decoding methods for the flow shop scheduling with peak power consumption constraints. International Journal of Production Research, 2019, 57, 3200-3218.	7.5	24
161	An Iterated Greedy Algorithm for Distributed Hybrid Flowshop Scheduling Problem with Total Tardiness Minimization. , 2019, , .		8
162	Large-scale medical examination scheduling technology based on intelligent optimization. Journal of Combinatorial Optimization, 2019, 37, 385-404.	1.3	28

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163	A Two-Phase Meta-Heuristic for Multiobjective Flexible Job Shop Scheduling Problem With Total Energy Consumption Threshold. IEEE Transactions on Cybernetics, 2019, 49, 1097-1109.	9.5	138
164	A multi-model estimation of distribution algorithm for energy efficient scheduling under cloud computing system. Journal of Parallel and Distributed Computing, 2018, 117, 63-72.	4.1	32
165	Opposition-based learning monarch butterfly optimization with Gaussian perturbation for large-scale 0-1 knapsack problem. Computers and Electrical Engineering, 2018, 67, 454-468.	4.8	58
166	Solving randomized time-varying knapsack problems by a novel global firefly algorithm. Engineering With Computers, 2018, 34, 621-635.	6.1	27
167	Multi-clustering via evolutionary multi-objective optimization. Information Sciences, 2018, 450, 128-140.	6.9	60
168	A Collaborative Multiobjective Fruit Fly Optimization Algorithm for the Resource Constrained Unrelated Parallel Machine Green Scheduling Problem. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 790-800.	9.3	116
169	A knowledge-guided multi-objective fruit fly optimization algorithm for the multi-skill resource constrained project scheduling problem. Swarm and Evolutionary Computation, 2018, 38, 54-63.	8.1	105
170	Discrete harmony search algorithm for scheduling and rescheduling the reprocessing problems in remanufacturing: a case study. Engineering Optimization, 2018, 50, 965-981.	2.6	20
171	A Modified MOEA/D for Energy-efficient Flexible Job Shop Scheduling Problem. , 2018, , .		1
172	A Multi-Model Estimation of Distribution Algorithm for Agent Routing Problem in Multi-Point Dynamic Task. , 2018, , .		6
173	ICB-MOEA/D: An Interactive Classification-Based Multi-Objective Optimization Algorithm. , 2018, , .		4
174	An Improved NSGA-II based Algorithm for Economical Hot Rolling Batch Scheduling under Time-sensitive Electricity Prices. , 2018, , .		3
175	Continuous Human Learning Optimizer based PID Controller Design of an Automatic Voltage Regulator System. , 2018, , .		4
176	Fast and accurate parameter extraction for different types of fuel cells with decomposition and nature-inspired optimization method. Energy Conversion and Management, 2018, 174, 913-921.	9.2	34
177	An improved adaptive human learning algorithm for engineering optimization. Applied Soft Computing Journal, 2018, 71, 894-904.	7.2	22
178	Siting and sizing of fast charging stations in highway network with budget constraint. Applied Energy, 2018, 228, 1255-1271.	10.1	69
179	Carbon-Efficient Scheduling of Blocking Flow Shop by Hybrid Quantum-Inspired Evolution Algorithm. Lecture Notes in Computer Science, 2018, , 606-617.	1.3	1
180	Short-Term Load Forecasting Based on RBM and NARX Neural Network. Lecture Notes in Computer Science, 2018, , 193-203.	1.3	2

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