

# Ling Wang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

295  
papers

10,655  
citations

57  
h-index

94  
g-index

322  
ext. papers

13,096  
ext. citations

5.7  
avg, IF

7.24  
L-index

#	Paper	IF	Citations
295	A Two-Stage Evolutionary Algorithm With Balanced Convergence and Diversity for Many-Objective Optimization. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2022</b> , 1-13	7.3	1
294	A matrix cube-based estimation of distribution algorithm for the energy-efficient distributed assembly permutation flow-shop scheduling problem. <i>Expert Systems With Applications</i> , <b>2022</b> , 194, 116484	7.8	1
293	Efficient multiobjective optimization for an AGV energy-efficient scheduling problem with release time. <i>Knowledge-Based Systems</i> , <b>2022</b> , 242, 108334	7.3	2
292	A two-stage evolutionary algorithm based on three indicators for constrained multi-objective optimization. <i>Expert Systems With Applications</i> , <b>2022</b> , 195, 116499	7.8	0
291	Distributed Co-Evolutionary Memetic Algorithm for Distributed Hybrid Differentiation Flowshop Scheduling Problem. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2022</b> , 1-1	15.6	4
290	Multimodal optimization via dynamically hybrid niching differential evolution. <i>Knowledge-Based Systems</i> , <b>2022</b> , 238, 107972	7.3	0
289	Integrating Variable Reduction Strategy With Evolutionary Algorithms for Solving Nonlinear Equations Systems. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2022</b> , 9, 75-89	7	2
288	Hierarchy Ranking Method for Multimodal Multi-objective Optimization with Local Pareto Fronts. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2022</b> , 1-1	15.6	3
287	Hybrid Niching-Based Differential Evolution With Two Archives for Nonlinear Equation System. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2022</b> , 1-13	7.3	0
286	A multipopulation cooperative coevolutionary whale optimization algorithm with a two-stage orthogonal learning mechanism. <i>Knowledge-Based Systems</i> , <b>2022</b> , 108664	7.3	0
285	Constrained multi-objective evolutionary algorithm with an improved two-archive strategy. <i>Knowledge-Based Systems</i> , <b>2022</b> , 108732	7.3	0
284	A tri-population based co-evolutionary framework for constrained multi-objective optimization problems. <i>Swarm and Evolutionary Computation</i> , <b>2022</b> , 70, 101055	9.8	5
283	A surrogate-assisted Jaya algorithm based on optimal directional guidance and historical learning mechanism. <i>Engineering Applications of Artificial Intelligence</i> , <b>2022</b> , 111, 104775	7.2	1
282	An effective water wave optimization algorithm with problem-specific knowledge for the distributed assembly blocking flow-shop scheduling problem. <i>Knowledge-Based Systems</i> , <b>2022</b> , 243, 108471	7.3	2
281	A cooperative memetic algorithm with feedback for the energy-aware distributed flow-shops with flexible assembly scheduling. <i>Computers and Industrial Engineering</i> , <b>2022</b> , 168, 108126	6.4	3
280	A discrete learning fruit fly algorithm based on knowledge for the distributed no-wait flow shop scheduling with due windows. <i>Expert Systems With Applications</i> , <b>2022</b> , 198, 116921	7.8	3
279	Offline data-driven evolutionary optimization based on model selection. <i>Swarm and Evolutionary Computation</i> , <b>2022</b> , 71, 101080	9.8	0

278	Multi-node load forecasting based on multi-task learning with modal feature extraction. <i>Engineering Applications of Artificial Intelligence</i> , <b>2022</b> , 112, 104856	7.2	1
277	Differential Human Learning Optimization Algorithm.. <i>Computational Intelligence and Neuroscience</i> , <b>2022</b> , 2022, 5699472	3	
276	A two-stage cooperative scatter search algorithm with multi-population hierarchical learning mechanism. <i>Expert Systems With Applications</i> , <b>2022</b> , 203, 117444	7.8	1
275	A matrix-cube-based estimation of distribution algorithm for blocking flow-shop scheduling problem with sequence-dependent setup times. <i>Expert Systems With Applications</i> , <b>2022</b> , 117602	7.8	0
274	An Effective Iterated Greedy Algorithm for a Robust Distributed Permutation Flowshop Problem With Carryover Sequence-Dependent Setup Time. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-12	7.3	2
273	A Review of Reinforcement Learning Based Intelligent Optimization for Manufacturing Scheduling. <i>Complex System Modeling and Simulation</i> , <b>2021</b> , 1, 257-270		16
272	A Two-Stage Cooperative Evolutionary Algorithm With Problem-Specific Knowledge for Energy-Efficient Scheduling of No-Wait Flow-Shop Problem. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 5291-5303	10.2	39
271	Deep Reinforcement Learning Based Optimization Algorithm for Permutation Flow-Shop Scheduling. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , <b>2021</b> , 1-12	4.1	5
270	A reinforcement learning brain storm optimization algorithm (BSO) with learning mechanism. <i>Knowledge-Based Systems</i> , <b>2021</b> , 107645	7.3	2
269	Hybrid Multi-Objective Optimization Approach With Pareto Local Search for Collaborative Truck-Drone Routing Problems Considering Flexible Time Windows. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 1-15	6.1	6
268	Multi-objective optimal power flow with stochastic wind and solar power. <i>Applied Soft Computing Journal</i> , <b>2021</b> , 108045	7.5	5
267	Two-Stage Data-Driven Evolutionary Optimization for High-Dimensional Expensive Problems. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	1
266	Decomposition based multiobjective evolutionary algorithm with adaptive resource allocation for energy-aware welding shop scheduling problem. <i>Computers and Industrial Engineering</i> , <b>2021</b> , 162, 107778	6.4	0
265	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-13	7.3	3
264	An Automated Cell Tracking Approach With Multi-Bernoulli Filtering and Ant Colony Labor Division. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , <b>2021</b> , 18, 1850-1863	3	5
263	Nonlinear Equations Solving with Intelligent Optimization Algorithms: A Survey. <i>Complex System Modeling and Simulation</i> , <b>2021</b> , 1, 15-32		25
262	An evolutionary fuzzy scheduler for multi-objective resource allocation in fog computing. <i>Future Generation Computer Systems</i> , <b>2021</b> , 117, 498-509	7.5	6
261	An effective multi-objective evolutionary algorithm for solving the AGV scheduling problem with pickup and delivery. <i>Knowledge-Based Systems</i> , <b>2021</b> , 218, 106881	7.3	7

260	An effective memetic algorithm for UAV routing and orientation under uncertain navigation environments. <i>Memetic Computing</i> , <b>2021</b> , 13, 169-183	3.4	3
259	A hierarchical knowledge guided backtracking search algorithm with self-learning strategy. <i>Engineering Applications of Artificial Intelligence</i> , <b>2021</b> , 102, 104268	7.2	4
258	A cooperative coevolution algorithm for complex hybrid seru-system scheduling optimization. <i>Complex &amp; Intelligent Systems</i> , <b>2021</b> , 7, 2559	7.1	3
257	Fair-efficient energy trading for microgrid cluster in an active distribution network. <i>Sustainable Energy, Grids and Networks</i> , <b>2021</b> , 26, 100453	3.6	1
256	An estimation of distribution algorithm with branch-and-bound based knowledge for robotic assembly line balancing. <i>Complex &amp; Intelligent Systems</i> , <b>2021</b> , 7, 1125-1138	7.1	5
255	Multiobjective Differential Evolution Algorithm for Solving Robotic Cell Scheduling Problem With Batch-Processing Machines. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2021</b> , 18, 757-775	4.9	11
254	Hybrid Evolutionary Scheduling for Energy-Efficient Fog-Enhanced Internet of Things. <i>IEEE Transactions on Cloud Computing</i> , <b>2021</b> , 9, 641-653	3.3	9
253	A matrix-cube-based estimation of distribution algorithm for the distributed assembly permutation flow-shop scheduling problem. <i>Swarm and Evolutionary Computation</i> , <b>2021</b> , 60, 100785	9.8	14
252	Preference-inspired coevolutionary algorithm with active diversity strategy for multi-objective multi-modal optimization. <i>Information Sciences</i> , <b>2021</b> , 546, 1148-1165	7.7	12
251	A clustering-based differential evolution with different crowding factors for nonlinear equations system. <i>Applied Soft Computing Journal</i> , <b>2021</b> , 98, 106733	7.5	8
250	PCA-assisted reproduction for continuous multi-objective optimization with complicated Pareto optimal set. <i>Swarm and Evolutionary Computation</i> , <b>2021</b> , 60, 100795	9.8	1
249	An XGBoost-enhanced fast constructive algorithm for food delivery route planning problem. <i>Computers and Industrial Engineering</i> , <b>2021</b> , 152, 107029	6.4	10
248	A Self-Adaptive Differential Evolution Algorithm for Scheduling a Single Batch-Processing Machine With Arbitrary Job Sizes and Release Times. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 1430-1442	10.2	45
247	A Self-Learning Discrete Jaya Algorithm for Multiobjective Energy-Efficient Distributed No-Idle Flow-Shop Scheduling Problem in Heterogeneous Factory System. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	26
246	Deep Reinforcement Learning for Combinatorial Optimization: Covering Salesman Problems. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	5
245	Hybrid Grey Wolf Optimizer for Vehicle Routing Problem with Multiple Time Windows. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 684-693	0.9	
244	An Effective Cooperative Co-Evolutionary Algorithm for Distributed Flowshop Group Scheduling Problems. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	10
243	A Cooperative Memetic Algorithm with Learning-Based Agent for Energy-Aware Distributed Hybrid Flow-Shop Scheduling. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2021</b> , 1-1	15.6	8

242	Multidimensional Estimation of Distribution Algorithm for Distributed No-Wait Flow-Shop Scheduling Problem with Sequence-Independent Setup Times and Release Dates. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 663-672	0.9	
241	An Improved Lagrangian Relaxation Algorithm for Solving the Lower Bound of Production Logistics. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 652-662	0.9	
240	Solving Online Food Delivery Problem via an Effective Hybrid Algorithm with Intelligent Batching Strategy. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 340-354	0.9	
239	A Biobjective Perspective for Mixed-Integer Programming. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-12	7.3	0
238	Elite Archive-Assisted Adaptive Memetic Algorithm for a Realistic Hybrid Differentiation Flowshop Scheduling Problem. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2021</b> , 1-1	15.6	2
237	Solving two-stage stochastic route-planning problem in milliseconds via end-to-end deep learning. <i>Complex &amp; Intelligent Systems</i> , <b>2021</b> , 7, 1207-1222	7.1	6
236	Controller for the Pulverizing System Based on Intelligent Virtual Reference Feedback Tuning. <i>Recent Advances in Electrical and Electronic Engineering</i> , <b>2021</b> , 14, 210-221	0.3	2
235	A path relinking enhanced estimation of distribution algorithm for direct acyclic graph task scheduling problem. <i>Knowledge-Based Systems</i> , <b>2021</b> , 228, 107255	7.3	1
234	A simple two-stage evolutionary algorithm for constrained multi-objective optimization. <i>Knowledge-Based Systems</i> , <b>2021</b> , 228, 107263	7.3	4
233	A Monocular Vision Obstacle Avoidance Method Applied to Indoor Tracking Robot. <i>Drones</i> , <b>2021</b> , 5, 105	5.4	3
232	Knowledge-based memetic algorithm for joint task planning of multi-platform earth observation system. <i>Computers and Industrial Engineering</i> , <b>2021</b> , 160, 107559	6.4	2
231	Decomposition-based multi-objective optimization for energy-aware distributed hybrid flow shop scheduling with multiprocessor tasks. <i>Tsinghua Science and Technology</i> , <b>2021</b> , 26, 646-663	3.4	14
230	Distributed scheduling problems in intelligent manufacturing systems. <i>Tsinghua Science and Technology</i> , <b>2021</b> , 26, 625-645	3.4	27
229	An optimal block knowledge driven backtracking search algorithm for distributed assembly No-wait flow shop scheduling problem. <i>Applied Soft Computing Journal</i> , <b>2021</b> , 112, 107750	7.5	7
228	Adaptive constraint differential evolution for optimal power flow. <i>Energy</i> , <b>2021</b> , 235, 121362	7.9	10
227	A hierarchical guidance strategy assisted fruit fly optimization algorithm with cooperative learning mechanism. <i>Expert Systems With Applications</i> , <b>2021</b> , 183, 115342	7.8	4
226	Data-Driven Heuristic Assisted Memetic Algorithm for Efficient Inter-Satellite Link Scheduling in the BeiDou Navigation Satellite System. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2021</b> , 8, 1800-1816	7	9
225	An effective iterated greedy algorithm for PCBs grouping problem to minimize setup times. <i>Applied Soft Computing Journal</i> , <b>2021</b> , 112, 107830	7.5	1

224	A Voting-Mechanism based Ensemble Framework for Constraint Handling Techniques. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2021</b> , 1-1	15.6	4
223	S-CoEA: Subproblems Co-Solving Evolutionary Algorithm for Uncertain Optimization. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	1
222	Learning Whale Optimization Algorithm for Open Vehicle Routing Problem with Loading Constraints. <i>Discrete Dynamics in Nature and Society</i> , <b>2021</b> , 2021, 1-14	1.1	0
221	Effective algorithms for single-machine learning-effect scheduling to minimize completion-time-based criteria with release dates. <i>Expert Systems With Applications</i> , <b>2020</b> , 156, 113445	7.8	6
220	An Estimation of Distribution Algorithm to Optimize the Utility of Task Scheduling Under Fog Computing Systems <b>2020</b> , 371-384		1
219	Bound-guided hybrid estimation of distribution algorithm for energy-efficient robotic assembly line balancing. <i>Computers and Industrial Engineering</i> , <b>2020</b> , 146, 106604	6.4	6
218	Multi-objective based scheduling algorithm for sudden drinking water contamination incident. <i>Swarm and Evolutionary Computation</i> , <b>2020</b> , 55, 100674	9.8	17
217	An Improved Ant Colony Optimization algorithm to the Periodic Vehicle Routing Problem with Time Window and Service Choice. <i>Swarm and Evolutionary Computation</i> , <b>2020</b> , 55, 100675	9.8	25
216	Optimal power flow by means of improved adaptive differential evolution. <i>Energy</i> , <b>2020</b> , 198, 117314	7.9	45
215	Multi-objective optimization based on decomposition for flexible job shop scheduling under time-of-use electricity prices. <i>Knowledge-Based Systems</i> , <b>2020</b> , 204, 106177	7.3	14
214	An ensemble discrete differential evolution for the distributed blocking flowshop scheduling with minimizing makespan criterion. <i>Expert Systems With Applications</i> , <b>2020</b> , 160, 113678	7.8	71
213	A Lightweight Appearance Quality Assessment System Based on Parallel Deep Learning for Painted Car Body. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2020</b> , 69, 5298-5307	5.2	5
212	A cooperative coevolution algorithm for multi-objective fuzzy distributed hybrid flow shop. <i>Knowledge-Based Systems</i> , <b>2020</b> , 194, 105536	7.3	39
211	A Two-Phase Coordinated Planning Approach for Heterogeneous Earth-Observation Resources to Monitor Area Targets. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-16	7.3	8
210	A Knowledge-Based Two-Population Optimization Algorithm for Distributed Energy-Efficient Parallel Machines Scheduling. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	12
209	A hybrid swarm intelligence with improved ring topology for nonlinear equations. <i>Scientia Sinica Informationis</i> , <b>2020</b> , 50, 396-407	2.3	2
208	Multi-objective optimal design of hybrid renewable energy system under multiple scenarios. <i>Renewable Energy</i> , <b>2020</b> , 151, 226-237	8.1	30
207	Clonal selection based intelligent parameter inversion algorithm for prestack seismic data. <i>Information Sciences</i> , <b>2020</b> , 517, 86-99	7.7	12

206	Integrated agile observation satellite scheduling problem considering different memory environments: a case study. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , <b>2020</b> , 42, 1	2	1
205	A cubic spline method combing improved particle swarm optimization for robot path planning in dynamic uncertain environment. <i>International Journal of Advanced Robotic Systems</i> , <b>2020</b> , 17, 172988141989166	14	5
204	Paradoxes in Numerical Comparison of Optimization Algorithms. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2020</b> , 24, 777-791	15.6	4
203	A decomposition-based differential evolution with reinitialization for nonlinear equations systems. <i>Knowledge-Based Systems</i> , <b>2020</b> , 191, 105312	7.3	11
202	A Bi-Population Cooperative Memetic Algorithm for Distributed Hybrid Flow-Shop Scheduling. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , <b>2020</b> , 1-15	4.1	11
201	A hybrid adaptive teaching-learning-based optimization and differential evolution for parameter identification of photovoltaic models. <i>Energy Conversion and Management</i> , <b>2020</b> , 225, 113474	10.6	34
200	A collaborative LSHADE algorithm with comprehensive learning mechanism. <i>Applied Soft Computing Journal</i> , <b>2020</b> , 96, 106609	7.5	10
199	A comparative study on evolutionary algorithms for the agent routing problem in multi-point dynamic task. <i>International Journal of Automation and Control</i> , <b>2020</b> , 14, 571	1.8	
198	Solving energy-efficient distributed job shop scheduling via multi-objective evolutionary algorithm with decomposition. <i>Swarm and Evolutionary Computation</i> , <b>2020</b> , 58, 100745	9.8	27
197	Memetic niching-based evolutionary algorithms for solving nonlinear equation system. <i>Expert Systems With Applications</i> , <b>2020</b> , 149, 113261	7.8	7
196	A Generic Markov Decision Process Model and Reinforcement Learning Method for Scheduling Agile Earth Observation Satellites. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-12	7.3	7
195	A Hybrid Differential Evolution Algorithm for the Online Meal Delivery Problem <b>2020</b> ,		5
194	An Effective Iterated Greedy Algorithm for Online Route Planning Problem <b>2020</b> ,		7
193	A Two-stage Algorithm for Fuzzy Online Order Dispatching Problem <b>2020</b> ,		6
192	A Knowledge-Based Cooperative Algorithm for Energy-Efficient Scheduling of Distributed Flow-Shop. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 1805-1819	7.3	60
191	Behavior of crossover operators in NSGA-III for large-scale optimization problems. <i>Information Sciences</i> , <b>2020</b> , 509, 470-487	7.7	93
190	Hyperplane Assisted Evolutionary Algorithm for Many-Objective Optimization Problems. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 3367-3380	10.2	36
189	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 1590-1601	7.3	31

188	Finding Multiple Roots of Nonlinear Equation Systems via a Repulsion-Based Adaptive Differential Evolution. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 1499-1513	7.3	48
187	Modified NSGA-III for sensor placement in water distribution system. <i>Information Sciences</i> , <b>2020</b> , 509, 488-500	7.7	27
186	A review of energy-efficient scheduling in intelligent production systems. <i>Complex &amp; Intelligent Systems</i> , <b>2020</b> , 6, 237-249	7.1	63
185	Hybrid Artificial Bee Colony Algorithm for a Parallel Batching Distributed Flow-Shop Problem With Deteriorating Jobs. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 2425-2439	10.2	62
184	A Multimodel Prediction Method for Dynamic Multiobjective Evolutionary Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2020</b> , 24, 290-304	15.6	30
183	A Data-Driven Parallel Scheduling Approach for Multiple Agile Earth Observation Satellites. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2020</b> , 24, 679-693	15.6	21
182	A Deadline-Aware Estimation of Distribution Algorithm for Resource Scheduling in Fog Computing Systems <b>2019</b> ,		8
181	Parameter estimation of photovoltaic models with memetic adaptive differential evolution. <i>Solar Energy</i> , <b>2019</b> , 190, 465-474	6.8	76
180	Navigation Algorithm Based on the Boundary Line of Tillage Soil Combined with Guided Filtering and Improved Anti-Noise Morphology. <i>Sensors</i> , <b>2019</b> , 19,	3.8	4
179	Effective heuristics and metaheuristics to minimize total flowtime for the distributed permutation flowshop problem. <i>Expert Systems With Applications</i> , <b>2019</b> , 124, 309-324	7.8	123
178	Comprehensive learning pigeon-inspired optimization with tabu list. <i>Science China Information Sciences</i> , <b>2019</b> , 62, 1	3.4	14
177	Fuzzy neighborhood-based differential evolution with orientation for nonlinear equation systems. <i>Knowledge-Based Systems</i> , <b>2019</b> , 182, 104796	7.3	20
176	Sensing: Reversible/Irreversible Photobleaching of Fluorescent Surface Defects of SiC Quantum Dots: Mechanism and Sensing of Solar UV Irradiation (Adv. Mater. Interfaces 11/2019). <i>Advanced Materials Interfaces</i> , <b>2019</b> , 6, 1970070	4.6	
175	Reversible/Irreversible Photobleaching of Fluorescent Surface Defects of SiC Quantum Dots: Mechanism and Sensing of Solar UV Irradiation. <i>Advanced Materials Interfaces</i> , <b>2019</b> , 6, 1900272	4.6	0
174	Parameter extraction of photovoltaic models using an improved teaching-learning-based optimization. <i>Energy Conversion and Management</i> , <b>2019</b> , 186, 293-305	10.6	133
173	A memetic algorithm with competition for the capacitated green vehicle routing problem. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2019</b> , 6, 516-526	7	49
172	A decomposition-based matheuristic for supply chain network design with assembly line balancing. <i>Computers and Industrial Engineering</i> , <b>2019</b> , 131, 408-417	6.4	6
171	A multi-objective hot-rolling scheduling problem in the compact strip production. <i>Applied Mathematical Modelling</i> , <b>2019</b> , 73, 327-348	4.5	28



170	An improved multi-objective evolutionary algorithm based on decomposition for energy-efficient permutation flow shop scheduling problem with sequence-dependent setup time. <i>International Journal of Production Research</i> , <b>2019</b> , 57, 1756-1771	7.8	49
169	Elastic parameter inversion problem based on brain storm optimization algorithm. <i>Memetic Computing</i> , <b>2019</b> , 11, 143-153	3.4	10
168	A distributed permutation flowshop scheduling problem with the customer order constraint. <i>Knowledge-Based Systems</i> , <b>2019</b> , 184, 104894	7.3	37
167	A Multi Ant System based hybrid heuristic algorithm for Vehicle Routing Problem with Service Time Customization. <i>Swarm and Evolutionary Computation</i> , <b>2019</b> , 50, 100563	9.8	5
166	Whale Optimization Algorithm with Local Search for Open Shop Scheduling Problem to Minimize Makespan. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 678-687	0.9	
165	Hybrid Cross-entropy Algorithm for Mixed Model U-shaped Assembly Line Balancing Problem. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 676-685	0.9	1
164	A collaborative optimization algorithm for energy-efficient multi-objective distributed no-idle flow-shop scheduling. <i>Swarm and Evolutionary Computation</i> , <b>2019</b> , 50, 100557	9.8	47
163	Comparative study on parameter extraction of photovoltaic models via differential evolution. <i>Energy Conversion and Management</i> , <b>2019</b> , 201, 112113	10.6	31
162	An improved Q-learning based rescheduling method for flexible job-shops with machine failures <b>2019</b> ,		9
161	Hybrid Evolutionary Algorithm for Integrated Supply Chain Network Design With Assembly Line Balancing <b>2019</b> ,		1
160	Deep reinforcement learning based valve scheduling for pollution isolation in water distribution network. <i>Mathematical Biosciences and Engineering</i> , <b>2019</b> , 17, 105-121	2.1	6
159	Single-Machine Green Scheduling Problem of Multi-speed Machine. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 669-677	0.9	
158	Decoding methods for the flow shop scheduling with peak power consumption constraints. <i>International Journal of Production Research</i> , <b>2019</b> , 57, 3200-3218	7.8	17
157	An Iterated Greedy Algorithm for Distributed Hybrid Flowshop Scheduling Problem with Total Tardiness Minimization <b>2019</b> ,		4
156	Large-scale medical examination scheduling technology based on intelligent optimization. <i>Journal of Combinatorial Optimization</i> , <b>2019</b> , 37, 385-404	0.9	18
155	A Two-Phase Meta-Heuristic for Multiobjective Flexible Job Shop Scheduling Problem With Total Energy Consumption Threshold. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 1097-1109	10.2	81
154	A multi-model estimation of distribution algorithm for energy efficient scheduling under cloud computing system. <i>Journal of Parallel and Distributed Computing</i> , <b>2018</b> , 117, 63-72	4.4	22
153	Opposition-based learning monarch butterfly optimization with Gaussian perturbation for large-scale 0-1 knapsack problem. <i>Computers and Electrical Engineering</i> , <b>2018</b> , 67, 454-468	4.3	45

152	Solving randomized time-varying knapsack problems by a novel global firefly algorithm. <i>Engineering With Computers</i> , <b>2018</b> , 34, 621-635	4.5	23
151	Multi-clustering via evolutionary multi-objective optimization. <i>Information Sciences</i> , <b>2018</b> , 450, 128-140	7.7	46
150	A Collaborative Multiobjective Fruit Fly Optimization Algorithm for the Resource Constrained Unrelated Parallel Machine Green Scheduling Problem. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2018</b> , 48, 790-800	7.3	72
149	A knowledge-guided multi-objective fruit fly optimization algorithm for the multi-skill resource constrained project scheduling problem. <i>Swarm and Evolutionary Computation</i> , <b>2018</b> , 38, 54-63	9.8	77
148	An improved adaptive human learning algorithm for engineering optimization. <i>Applied Soft Computing Journal</i> , <b>2018</b> , 71, 894-904	7.5	15
147	Siting and sizing of fast charging stations in highway network with budget constraint. <i>Applied Energy</i> , <b>2018</b> , 228, 1255-1271	10.7	38
146	Short-Term Load Forecasting Based on RBM and NARX Neural Network. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 193-203	0.9	1
145	Two Possible Paradoxes in Numerical Comparisons of Optimization Algorithms. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 681-692	0.9	1
144	Extremized PICEA-g for Nadir Point Estimation in Many-Objective Optimization. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 807-814	0.9	
143	Improved Sub-gradient Algorithm for Solving the Lower Bound of No-Wait Flow-Shop Scheduling with Sequence-Dependent Setup Times and Release Dates. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 93-101	0.9	
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141	Discrete harmony search algorithm for scheduling and rescheduling the reprocessing problems in remanufacturing: a case study. <i>Engineering Optimization</i> , <b>2018</b> , 50, 965-981	2	12
140	A Multi-Model Estimation of Distribution Algorithm for Agent Routing Problem in Multi-Point Dynamic Task		1
139	<b>2018</b> ,		2
138	An Improved NSGA-II based Algorithm for Economical Hot Rolling Batch Scheduling under Time-sensitive Electricity Prices		1
137	Continuous Human Learning Optimizer based PID Controller Design of an Automatic Voltage Regulator System		2
136	Fast and accurate parameter extraction for different types of fuel cells with decomposition and nature-inspired optimization method. <i>Energy Conversion and Management</i> , <b>2018</b> , 174, 913-921	10.6	24
135	Teaching Learning-based optimization algorithm for multi-skill resource constrained project scheduling problem. <i>Soft Computing</i> , <b>2017</b> , 21, 1537-1548	3.5	44

134	A competitive memetic algorithm for multi-objective distributed permutation flow shop scheduling problem. <i>Swarm and Evolutionary Computation</i> , <b>2017</b> , 32, 121-131	9.8	114
133	A diverse human learning optimization algorithm. <i>Journal of Global Optimization</i> , <b>2017</b> , 67, 283-323	1.5	14
132	Effects of polymer network on electrically induced reflection band broadening of cholesteric liquid crystals. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2017</b> , 55, 835-846	2.6	18
131	A New Test Point Selection Method for Analog Continuous Parameter Fault. <i>Journal of Electronic Testing: Theory and Applications (JETTA)</i> , <b>2017</b> , 33, 339-352	0.7	5
130	Optical intensity-driven reversible photonic bandgaps in self-organized helical superstructures with handedness inversion. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 3678-3683	7.1	33
129	Satellite observation scheduling with a novel adaptive simulated annealing algorithm and a dynamic task clustering strategy. <i>Computers and Industrial Engineering</i> , <b>2017</b> , 113, 576-588	6.4	32
128	Asymmetric Tunable Photonic Bandgaps in Self-Organized 3D Nanostructure of Polymer-Stabilized Blue Phase I Modulated by Voltage Polarity. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1702261	15.6	92
127	Dynamic Power Dispatch Considering Electric Vehicles and Wind Power Using Decomposition Based Multi-Objective Evolutionary Algorithm. <i>Energies</i> , <b>2017</b> , 10, 1991	3.1	6
126	An efficient multi-objective model and algorithm for sizing a stand-alone hybrid renewable energy system. <i>Energy</i> , <b>2017</b> , 141, 2288-2299	7.9	52
125	Fabrication of micro-convex domes using long pulse laser. <i>Applied Physics A: Materials Science and Processing</i> , <b>2017</b> , 123, 1	2.6	7
124	A t-level driven search for estimation of distribution algorithm in solving task graph allocation to multiprocessors <b>2017</b> ,		1
123	Modified multiobjective evolutionary algorithm based on decomposition for low-carbon scheduling of distributed permutation flow-shop <b>2017</b> ,		3
122	A discrete teaching-learning-based optimisation algorithm for hybrid flowshop scheduling problem with peak power consumption constraints <b>2017</b> ,		2
121	A competitive memetic algorithm for the distributed two-stage assembly flow-shop scheduling problem. <i>International Journal of Production Research</i> , <b>2016</b> , 54, 3561-3577	7.8	54
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117	A continuous-time formulation for refinery production scheduling problems involving operational transitions in mode switching. <i>Chinese Journal of Chemical Engineering</i> , <b>2016</b> , 24, 1020-1031	3.2	1

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114	A hybrid estimation of distribution algorithm for unrelated parallel machine scheduling with sequence-dependent setup times. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2016</b> , 3, 235-246	7	43
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109	An effective teaching-learning-based optimisation algorithm for RCPSP with ordinal interval numbers. <i>International Journal of Production Research</i> , <b>2015</b> , 53, 1777-1790	7.8	17
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53	Chaotic particle swarm optimization for synchronization of finite dimensional Hindon dynamical system <b>2010</b> ,		1
52	An effective differential evolution with level comparison for constrained engineering design. <i>Structural and Multidisciplinary Optimization</i> , <b>2010</b> , 41, 947-963	3.6	128
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14	Hybrid genetic algorithm based on quantum computing for numerical optimization and parameter estimation. <i>Applied Mathematics and Computation</i> , <b>2005</b> , 171, 1141-1156	2.7	75
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10	Directing orbits of chaotic systems using a hybrid optimization strategy. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2004</b> , 324, 22-25	2.3	20
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8	An effective hybrid optimization strategy for job-shop scheduling problems. <i>Computers and Operations Research</i> , <b>2001</b> , 28, 585-596	4.6	185
7	A hybrid cooperative differential evolution assisted by CMA-ES with local search mechanism. <i>Neural Computing and Applications</i> ,1	4.8	0
6	An effective matching algorithm with adaptive tie-breaking strategy for online food delivery problem. <i>Complex &amp; Intelligent Systems</i> ,1	7.1	8
5	A memetic discrete differential evolution algorithm for the distributed permutation flow shop scheduling problem. <i>Complex &amp; Intelligent Systems</i> ,1	7.1	2
4	LSFQPSO: quantum particle swarm optimization with optimal guided Lévy flight and straight flight for solving optimization problems. <i>Engineering With Computers</i> ,1	4.5	3
3	Tourism route optimization based on improved knowledge ant colony algorithm. <i>Complex &amp; Intelligent Systems</i> ,1	7.1	1
2	Modeling stochastic service time for complex on-demand food delivery. <i>Complex &amp; Intelligent Systems</i> ,1	7.1	0
1	A reinforcement learning-driven brain storm optimisation algorithm for multi-objective energy-efficient distributed assembly no-wait flow shop scheduling problem. <i>International Journal of Production Research</i> ,1-19	7.8	3