

Yu-Yan Han

List of Publications by Year in descending order

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54
papers

2,226
citations

279701

23
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all docs

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docs citations

55
times ranked

1395
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on swarm intelligence and evolutionary algorithms for solving flexible job shop scheduling problems. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2019, 6, 904-916.	8.5	322
2	Efficient multi-objective optimization algorithm for hybrid flow shop scheduling problems with setup energy consumptions. <i>Journal of Cleaner Production</i> , 2018, 181, 584-598.	4.6	224
3	A novel hybrid multi-objective artificial bee colony algorithm for blocking lot-streaming flow shop scheduling problems. <i>Knowledge-Based Systems</i> , 2018, 148, 115-130.	4.0	139
4	Evolutionary Multiobjective Blocking Lot-Streaming Flow Shop Scheduling With Machine Breakdowns. <i>IEEE Transactions on Cybernetics</i> , 2019, 49, 184-197.	6.2	133
5	Hybrid Artificial Bee Colony Algorithm for a Parallel Batching Distributed Flow-Shop Problem With Deteriorating Jobs. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 2425-2439.	6.2	121
6	Effective invasive weed optimization algorithms for distributed assembly permutation flowshop problem with total flowtime criterion. <i>Swarm and Evolutionary Computation</i> , 2019, 44, 64-73.	4.5	106
7	A discrete artificial bee colony algorithm incorporating differential evolution for the flow-shop scheduling problem with blocking. <i>Engineering Optimization</i> , 2015, 47, 927-946.	1.5	87
8	Discrete evolutionary multi-objective optimization for energy-efficient blocking flow shop scheduling with setup time. <i>Applied Soft Computing Journal</i> , 2020, 93, 106343.	4.1	87
9	Distributed Flow Shop Scheduling with Sequence-Dependent Setup Times Using an Improved Iterated Greedy Algorithm. <i>Complex System Modeling and Simulation</i> , 2021, 1, 198-217.	3.2	86
10	Evolutionary multi-objective blocking lot-streaming flow shop scheduling with interval processing time. <i>Applied Soft Computing Journal</i> , 2016, 42, 229-245.	4.1	68
11	An improved NSGA-II algorithm for multi-objective lot-streaming flow shop scheduling problem. <i>International Journal of Production Research</i> , 2014, 52, 2211-2231.	4.9	67
12	An improved artificial bee colony algorithm for addressing distributed flow shop with distance coefficient in a prefabricated system. <i>International Journal of Production Research</i> , 2019, 57, 6922-6942.	4.9	65
13	An improved Jaya algorithm for solving the flexible job shop scheduling problem with transportation and setup times. <i>Knowledge-Based Systems</i> , 2020, 200, 106032.	4.0	60
14	Solving the blocking flow shop scheduling problem with makespan using a modified fruit fly optimisation algorithm. <i>International Journal of Production Research</i> , 2016, 54, 6782-6797.	4.9	55
15	Meta-heuristic algorithm for solving vehicle routing problems with time windows and synchronized visit constraints in prefabricated systems. <i>Journal of Cleaner Production</i> , 2020, 250, 119464.	4.6	55
16	A Hybrid Pareto-Based Tabu Search for the Distributed Flexible Job Shop Scheduling Problem With E/T Criteria. <i>IEEE Access</i> , 2018, 6, 58883-58897.	2.6	52
17	Metaheuristics for solving the vehicle routing problem with the time windows and energy consumption in cold chain logistics. <i>Applied Soft Computing Journal</i> , 2020, 95, 106561.	4.1	52
18	An improved iterated greedy algorithm for the energy-efficient blocking hybrid flow shop scheduling problem. <i>Swarm and Evolutionary Computation</i> , 2022, 69, 100992.	4.5	51

#	ARTICLE	IF	CITATIONS
19	Efficient multi-objective algorithm for the lot-streaming hybrid flowshop with variable sub-lots. Swarm and Evolutionary Computation, 2020, 52, 100600.	4.5	49
20	An improved artificial bee colony algorithm for the blocking flowshop scheduling problem. International Journal of Advanced Manufacturing Technology, 2012, 60, 1149-1159.	1.5	43
21	Multi-Objective Migrating Birds Optimization Algorithm for Stochastic Lot-Streaming Flow Shop Scheduling With Blocking. IEEE Access, 2019, 7, 5946-5962.	2.6	41
22	Effective hybrid discrete artificial bee colony algorithms for the total flowtime minimization in the blocking flowshop problem. International Journal of Advanced Manufacturing Technology, 2013, 67, 397-414.	1.5	40
23	A collaborative iterative greedy algorithm for the scheduling of distributed heterogeneous hybrid flow shop with blocking constraints. Expert Systems With Applications, 2022, 201, 117256.	4.4	36
24	Solving Type-2 Fuzzy Distributed Hybrid Flowshop Scheduling Using an Improved Brain Storm Optimization Algorithm. International Journal of Fuzzy Systems, 2021, 23, 1194-1212.	2.3	20
25	A set-based genetic algorithm for solving the many-objective optimization problem. Soft Computing, 2015, 19, 1477-1495.	2.1	17
26	An effective multi-AGVs dispatching method applied to matrix manufacturing workshop. Computers and Industrial Engineering, 2022, 163, 107791.	3.4	17
27	On the Normalization in Evolutionary Multi-Modal Multi-Objective Optimization. , 2020, , .		14
28	Improved Migrating Birds Optimization Algorithm to Solve Hybrid Flowshop Scheduling Problem With Lot-Streaming. IEEE Access, 2020, 8, 89782-89792.	2.6	13
29	An improved iterated greedy algorithm for distributed robotic flowshop scheduling with order constraints. Computers and Industrial Engineering, 2022, 164, 107907.	3.4	13
30	Solving robotic distributed flowshop problem using an improved iterated greedy algorithm. International Journal of Advanced Robotic Systems, 2019, 16, 172988141987981.	1.3	11
31	Searching for Local Pareto Optimal Solutions: A Case Study on Polygon-Based Problems. , 2019, , .		10
32	An Improved Brain Storm Optimization for a Hybrid Renewable Energy System. IEEE Access, 2019, 7, 49513-49526.	2.6	9
33	Improved artificial immune algorithm for the flexible job shop problem with transportation time. Measurement and Control, 2020, 53, 2111-2128.	0.9	8
34	A hybrid algorithm for electric vehicle routing problem with nonlinear charging. Journal of Intelligent and Fuzzy Systems, 2021, 40, 5383-5402.	0.8	8
35	Optimal Chiller Loading for Energy Conservation Using an Improved Fruit Fly Optimization Algorithm. Energies, 2020, 13, 3760.	1.6	7
36	Apply the discrete artificial bee colony algorithm to the blocking flow shop problem with makespan criterion. , 2011, , .		6

#	ARTICLE	IF	CITATIONS
37	A Developed Firefly Algorithm for Multi-Objective Path Planning Optimization Problem. , 2018, , .		5
38	Rescheduling of Distributed Manufacturing System with Machine Breakdowns. Electronics (Switzerland), 2022, 11, 249.	1.8	5
39	A quick and effective iterated greedy algorithm for energy-efficient hybrid flow shop scheduling problem with blocking constraint. , 2021, , .		3
40	Minimizing the Total Flowtime Flowshop with Blocking Using a Discrete Artificial Bee Colony. Lecture Notes in Computer Science, 2012, , 91-97.	1.0	2
41	A Hybrid Artificial Bee Colony Algorithm to Solve Multi-objective Hybrid Flowshop in Cloud Computing Systems. Lecture Notes in Computer Science, 2017, , 201-213.	1.0	2
42	Solving multi-objective path planning for service robot by a pareto-based optimization algorithm. , 2018, , .		2
43	Solving the vehicle routing problem with time window by using an improved brain strom optimization. , 2019, , .		2
44	Migrating Birds Optimization for Lot-streaming flow shop scheduling problem. , 2019, , .		2
45	Discrete imperialist competitive algorithm for the resource-constrained hybrid flowshop problem. Journal of Industrial and Production Engineering, 2020, 37, 345-359.	2.1	2
46	Research on Multi-AGVs Scheduling Based on Genetic Particle Swarm Optimization Algorithm. , 2021, , .		2
47	An Improved Discrete Migrating Birds Optimization for Lot-Streaming Flow Shop Scheduling Problem with Blocking. Lecture Notes in Computer Science, 2018, , 780-791.	1.0	2
48	Multi-Modal Multi-Objective Traveling Salesman Problem and its Evolutionary Optimizer. , 2021, , .		2
49	A Hybrid Discrete Harmony Search Algorithm for blocking flow shop Scheduling. , 2010, , .		1
50	Load Forecasting Based On Elman Neural Network Optimized By Beetle Antennae Search Optimization. , 2019, , .		1
51	An improved iterated greedy algorithm for the distributed flow shop scheduling problem with sequence-dependent setup times. , 2021, , .		0
52	A hybrid imperialist competitive algorithm for the outpatient scheduling problem with switching and preparation times. , 2021, , .		0
53	Adapting a reinforcement learning method for the distributed blocking hybrid flow shop scheduling problem. , 2021, , .		0
54	An Algorithm Based on Local Search for Solving Energy-efficient Distributed Blocking Flowshop Problems with Sequence-dependent Setup Times. , 2021, , .		0