

Wenqiang Zou

List of Publications by Year in descending order

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81
papers

3,100
citations

172207

29
h-index

264894

42
g-index

81
all docs

81
docs citations

81
times ranked

1570
citing authors

#	ARTICLE	IF	CITATIONS
1	A discrete artificial bee colony algorithm for the lot-streaming flow shop scheduling problem. <i>Information Sciences</i> , 2011, 181, 2455-2468.	4.0	493
2	Pareto-based discrete artificial bee colony algorithm for multi-objective flexible job shop scheduling problems. <i>International Journal of Advanced Manufacturing Technology</i> , 2011, 55, 1159-1169.	1.5	250
3	Effective heuristics and metaheuristics to minimize total flowtime for the distributed permutation flowshop problem. <i>Expert Systems With Applications</i> , 2019, 124, 309-324.	4.4	196
4	An effective co-evolutionary artificial bee colony algorithm for steelmaking-continuous casting scheduling. <i>European Journal of Operational Research</i> , 2016, 250, 702-714.	3.5	167
5	A hybrid tabu search algorithm with an efficient neighborhood structure for the flexible job shop scheduling problem. <i>International Journal of Advanced Manufacturing Technology</i> , 2011, 52, 683-697.	1.5	137
6	Effective metaheuristics for scheduling a hybrid flowshop with sequence-dependent setup times. <i>Applied Mathematics and Computation</i> , 2017, 303, 89-112.	1.4	103
7	A Three-Stage Multiobjective Approach Based on Decomposition for an Energy-Efficient Hybrid Flow Shop Scheduling Problem. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 4984-4999.	5.9	100
8	An effective modified migrating birds optimization for hybrid flowshop scheduling problem with lot streaming. <i>Applied Soft Computing Journal</i> , 2017, 52, 14-27.	4.1	92
9	A local-best harmony search algorithm with dynamic subpopulations. <i>Engineering Optimization</i> , 2010, 42, 101-117.	1.5	75
10	A distributed heterogeneous permutation flowshop scheduling problem with lot-streaming and carryover sequence-dependent setup time. <i>Swarm and Evolutionary Computation</i> , 2021, 60, 100804.	4.5	74
11	An effective shuffled frog-leaping algorithm for lot-streaming flow shop scheduling problem. <i>International Journal of Advanced Manufacturing Technology</i> , 2011, 52, 699-713.	1.5	71
12	An effective multi-start iterated greedy algorithm to minimize makespan for the distributed permutation flowshop scheduling problem with preventive maintenance. <i>Expert Systems With Applications</i> , 2021, 169, 114495.	4.4	71
13	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
14	No-idle permutation flow shop scheduling based on a hybrid discrete particle swarm optimization algorithm. <i>International Journal of Advanced Manufacturing Technology</i> , 2008, 39, 796-807.	1.5	65
15	A High Performing Memetic Algorithm for the Flowshop Scheduling Problem With Blocking. <i>IEEE Transactions on Automation Science and Engineering</i> , 2013, 10, 741-756.	3.4	63
16	A hybrid artificial bee colony algorithm for a flexible job shop scheduling problem with overlapping in operations. <i>International Journal of Production Research</i> , 2018, 56, 5278-5292.	4.9	60
17	A discrete artificial bee colony algorithm for distributed hybrid flowshop scheduling problem with sequence-dependent setup times. <i>International Journal of Production Research</i> , 2021, 59, 3880-3899.	4.9	60
18	A Hybrid Iterated Greedy Algorithm for a Crane Transportation Flexible Job Shop Problem. <i>IEEE Transactions on Automation Science and Engineering</i> , 2022, 19, 2153-2170.	3.4	58

#	ARTICLE	IF	CITATIONS
19	An effective discrete artificial bee colony algorithm for multi-AGVs dispatching problem in a matrix manufacturing workshop. <i>Expert Systems With Applications</i> , 2020, 161, 113675.	4.4	55
20	An effective discrete invasive weed optimization algorithm for lot-streaming flowshop scheduling problems. <i>Journal of Intelligent Manufacturing</i> , 2018, 29, 1337-1349.	4.4	54
21	A differential evolution algorithm for the no-idle flowshop scheduling problem with total tardiness criterion. <i>International Journal of Production Research</i> , 2011, 49, 5033-5050.	4.9	50
22	Solving the blocking flow shop scheduling problem by a dynamic multi-swarm particle swarm optimizer. <i>International Journal of Advanced Manufacturing Technology</i> , 2011, 55, 755-762.	1.5	48
23	An improved artificial bee colony algorithm for the blocking flowshop scheduling problem. <i>International Journal of Advanced Manufacturing Technology</i> , 2012, 60, 1149-1159.	1.5	43
24	Knowledge-Based Reinforcement Learning and Estimation of Distribution Algorithm for Flexible Job Shop Scheduling Problem. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2023, 7, 1036-1050.	3.4	42
25	Effective hybrid discrete artificial bee colony algorithms for the total flowtime minimization in the blocking flowshop problem. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 67, 397-414.	1.5	40
26	A multi-objective hot-rolling scheduling problem in the compact strip production. <i>Applied Mathematical Modelling</i> , 2019, 73, 327-348.	2.2	39
27	A hybrid Pareto-based local search algorithm for multi-objective flexible job shop scheduling problems. <i>International Journal of Production Research</i> , 2012, 50, 1063-1078.	4.9	36
28	A Discrete Differential Evolution Algorithm for the No-Wait Flowshop Scheduling Problem with Total Flowtime Criterion. , 2007, , .		35
29	An ensemble of differential evolution algorithms for constrained function optimization. , 2010, , .		35
30	A Greedy Cooperative Co-Evolutionary Algorithm With Problem-Specific Knowledge for Multiobjective Flowshop Group Scheduling Problems. <i>IEEE Transactions on Evolutionary Computation</i> , 2023, 27, 430-444.	7.5	33
31	An effective multi-objective evolutionary algorithm for solving the AGV scheduling problem with pickup and delivery. <i>Knowledge-Based Systems</i> , 2021, 218, 106881.	4.0	32
32	A hash map-based memetic algorithm for the distributed permutation flowshop scheduling problem with preventive maintenance to minimize total flowtime. <i>Knowledge-Based Systems</i> , 2022, 242, 108413.	4.0	29
33	Self-adaptive fruit fly optimizer for global optimization. <i>Natural Computing</i> , 2019, 18, 785-813.	1.8	23
34	Efficient multiobjective optimization for an AGV energy-efficient scheduling problem with release time. <i>Knowledge-Based Systems</i> , 2022, 242, 108334.	4.0	23
35	A Discrete Differential Evolution Algorithm for the Total Earliness and Tardiness Penalties with a Common Due Date on a Single-Machine. , 2007, , .		22
36	A Variable Block Insertion Heuristic for Solving Permutation Flow Shop Scheduling Problem with Makespan Criterion. <i>Algorithms</i> , 2019, 12, 100.	1.2	21

#	ARTICLE	IF	CITATIONS
37	An Effective Discrete Artificial Bee Colony Algorithm for Scheduling an Automatic-Guided-Vehicle in a Linear Manufacturing Workshop. <i>IEEE Access</i> , 2020, 8, 35063-35076.	2.6	20
38	An efficient self-adaptive artificial bee colony algorithm for the distributed resource-constrained hybrid flowshop problem. <i>Computers and Industrial Engineering</i> , 2022, 169, 108200.	3.4	18
39	Solving manpower scheduling problem in manufacturing using mixed-integer programming with a two-stage heuristic algorithm. <i>International Journal of Advanced Manufacturing Technology</i> , 2010, 46, 1229-1237.	1.5	16
40	A discrete artificial bee colony algorithm for the permutation flow shop scheduling problem with total flowtime criterion. , 2010, , .		16
41	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> , 2022, 52, 5783-5794.	5.9	16
42	A genetic algorithm for the generalized traveling salesman problem. , 2007, , .		14
43	An effective memetic algorithm for the distributed flowshop scheduling problem with an assemble machine. <i>International Journal of Production Research</i> , 2023, 61, 1755-1770.	4.9	14
44	A Discrete Artificial Bee Colony for Distributed Permutation Flowshop Scheduling Problem with Total Flow Time Minimization. , 2018, , .		13
45	A light-robust-optimization model and an effective memetic algorithm for an open vehicle routing problem under uncertain travel times. <i>Memetic Computing</i> , 2021, 13, 149-167.	2.7	11
46	Cross-dimensional formation control of second-order heterogeneous multi-agent systems. <i>ISA Transactions</i> , 2022, 127, 188-196.	3.1	11
47	A Novel General Variable Neighborhood Search through Q-Learning for No-Idle Flowshop Scheduling. , 2020, , .		10
48	A Discrete Particle Swarm Optimization Algorithm for Single Machine Total Earliness and Tardiness Problem with a Common Due Date. , 0, , .		8
49	An improved imperialist competitive algorithm for hybrid flowshop rescheduling in steelmaking-refining-continuous casting process. <i>Measurement and Control</i> , 2020, 53, 1920-1928.	0.9	8
50	Metaheuristics for Energy-Efficient No-Wait Flowshops: A Trade-off Between Makespan and Total Energy Consumption. , 2020, , .		7
51	A differential evolution algorithm with variable parameter search for real-parameter continuous function optimization. , 2009, , .		6
52	An Effective Encoding Method Based on Local Information for 3D Point Cloud Classification. <i>IEEE Access</i> , 2019, 7, 39369-39377.	2.6	5
53	Research on Peer Selection in Peer-to-Peer Networks using Ant Colony Optimization. , 2008, , .		4
54	A novel online test-sheet composition approach for web-based testing. , 2009, , .		4

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55	A Dynamic Multi-swarm Particle Swarm Optimizer for blocking flow shop scheduling. , 2010, , .		4
56	Scheduling the blocking flow shop problem using a harmony search algorithm. , 2010, , .		3
57	Tabu search algorithm for solving No-idle permutation Flow Shop Scheduling Problem. , 2010, , .		3
58	An Enhanced Fruit Fly Optimization for the Flexible Job Shop Scheduling Problem with Lot Streaming. , 2018, , .		3
59	Improved Differential Evolution Algorithm for Location Management in Mobile Computing. , 2009, , .		2
60	A novel discrete harmony search algorithm for scheduling lot-streaming flow shops. , 2010, , .		2
61	Solving lot-streaming flow shop scheduling problems using a discrete harmony search algorithm. , 2010, , .		2
62	Harmony search algorithm with dynamic subpopulations for scheduling identical parallel machines. , 2010, , .		2
63	Simple greedy methods for scheduling hybrid flowshops with due date windows. , 2015, , .		2
64	An enhanced migrating birds optimization for a lot-streaming flow shop scheduling problem. , 2017, , .		2
65	An improved migrating birds optimization for solving the multidimensional knapsack problem. , 2017, , .		2
66	Effective constructive and composite heuristics for grouping printed circuit boards in the electronic assembly industry. Engineering Optimization, 2022, 54, 1758-1772.	1.5	2
67	Upper bounds on Taillard's benchmark suite for the no-wait flowshop scheduling problem with makespan criterion. , 2008, , .		1
68	Memetic algorithm based on improved inver-over operator for TSP. , 2010, , .		1
69	An Effective Trust-Based Search Approach in Peer-to-Peer Network. , 2010, , .		1
70	Scheduling the lot-streaming flow shop problem using a shuffled frog-leaping algorithm. , 2010, , .		1
71	A Hybrid Discrete Harmony Search Algorithm for blocking flow shop Scheduling. , 2010, , .		1
72	A differential evolution algorithm for the median cycle problem. , 2011, , .		1

#	ARTICLE	IF	CITATIONS
73	A Novel Constructive Heuristic for Flowshop Group Scheduling Problems to Minimize Total Flow Time. , 2021, , .		1
74	A New Heuristic for PCBs Grouping Problem with Setup Times. , 2020, , .		1
75	Conceptual Design Knowledge Management System Based on Case and Constraint. , 2009, , .		0
76	A hybrid Pareto-based algorithm for multi-objective resource allocation problem. , 2014, , .		0
77	Scheduling the hybrid flowshop problem using a global fruit fly optimizer. , 2017, , .		0
78	An effective fruit fly optimization algorithm for the hybrid flowshop scheduling problem. , 2017, , .		0
79	An Effective Fruit Fly Optimization for the Distributed Assembly Flowshop Scheduling Problem. , 2018, , .		0
80	Iterated Local Search for Steelmaking-refining-Continuous Casting Scheduling Problem. , 2019, , .		0
81	An improved iterated greedy algorithm for the distributed flow shop scheduling problem with sequence-dependent setup times. , 2021, , .		0