

Fuqing Zhao

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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.

60
papers

946
citations

20
h-index

29
g-index

75
ext. papers

1,355
ext. citations

5.4
avg, IF

5.13
L-index

#	Paper	IF	Citations
60	An ensemble discrete differential evolution for the distributed blocking flowshop scheduling with minimizing makespan criterion. <i>Expert Systems With Applications</i> , 2020 , 160, 113678	7.8	71
59	A discrete Water Wave Optimization algorithm for no-wait flow shop scheduling problem. <i>Expert Systems With Applications</i> , 2018 , 91, 347-363	7.8	69
58	A hybrid biogeography-based optimization with variable neighborhood search mechanism for no-wait flow shop scheduling problem. <i>Expert Systems With Applications</i> , 2019 , 126, 321-339	7.8	50
57	A hybrid harmony search algorithm with efficient job sequence scheme and variable neighborhood search for the permutation flow shop scheduling problems. <i>Engineering Applications of Artificial Intelligence</i> , 2017 , 65, 178-199	7.2	49
56	A self-adaptive harmony PSO search algorithm and its performance analysis. <i>Expert Systems With Applications</i> , 2015 , 42, 7436-7455	7.8	47
55	A two-stage differential biogeography-based optimization algorithm and its performance analysis. <i>Expert Systems With Applications</i> , 2019 , 115, 329-345	7.8	46
54	A hybrid particle swarm optimisation algorithm and fuzzy logic for process planning and production scheduling integration in holonic manufacturing systems. <i>International Journal of Computer Integrated Manufacturing</i> , 2010 , 23, 20-39	4.3	45
53	An improved shuffled complex evolution algorithm with sequence mapping mechanism for job shop scheduling problems. <i>Expert Systems With Applications</i> , 2015 , 42, 3953-3966	7.8	44
52	A hybrid algorithm based on self-adaptive gravitational search algorithm and differential evolution. <i>Expert Systems With Applications</i> , 2018 , 113, 515-530	7.8	44
51	A hybrid discrete water wave optimization algorithm for the no-idle flowshop scheduling problem with total tardiness criterion. <i>Expert Systems With Applications</i> , 2020 , 146, 113166	7.8	44
50	An improved particle swarm optimization with decline disturbance index (DDPSO) for multi-objective job-shop scheduling problem. <i>Computers and Operations Research</i> , 2014 , 45, 38-50	4.6	40
49	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> , 2021 , 51, 5291-5303	10.2	39
48	A hybrid differential evolution and estimation of distribution algorithm based on neighbourhood search for job shop scheduling problems. <i>International Journal of Production Research</i> , 2016 , 54, 1039-1060	7.8	32
47	A cooperative water wave optimization algorithm with reinforcement learning for the distributed assembly no-idle flowshop scheduling problem. <i>Computers and Industrial Engineering</i> , 2021 , 153, 107082	6.4	27
46	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> , 2021 , PP,	10.2	26
45	An improved MOEA/D for multi-objective job shop scheduling problem. <i>International Journal of Computer Integrated Manufacturing</i> , 2017 , 30, 616-640	4.3	24
44	An improved water wave optimization algorithm with the single wave mechanism for the no-wait flow-shop scheduling problem. <i>Engineering Optimization</i> , 2019 , 51, 1727-1742	2	22

43	A Novel Cooperative Multi-Stage Hyper-Heuristic for Combination Optimization Problems. <i>Complex System Modeling and Simulation</i> , 2021 , 1, 91-108		21
42	A factorial based particle swarm optimization with a population adaptation mechanism for the no-wait flow shop scheduling problem with the makespan objective. <i>Expert Systems With Applications</i> , 2019 , 126, 41-53	7.8	21
41	An improved particle swarm optimisation with a linearly decreasing disturbance term for flow shop scheduling with limited buffers. <i>International Journal of Computer Integrated Manufacturing</i> , 2014 , 27, 488-499	4.3	20
40	A chaotic local search based bacterial foraging algorithm and its application to a permutation flow-shop scheduling problem. <i>International Journal of Computer Integrated Manufacturing</i> , 2016 , 29, 962-981	4.3	16
39	A hybrid algorithm based on particle swarm optimization and simulated annealing to holon task allocation for holonic manufacturing system. <i>International Journal of Advanced Manufacturing Technology</i> , 2007 , 32, 1021-1032	3.2	16
38	An Improved SPEA2 Algorithm with Adaptive Selection of Evolutionary Operators Scheme for Multiobjective Optimization Problems. <i>Mathematical Problems in Engineering</i> , 2016 , 2016, 1-20	1.1	13
37	A Differential-Based Harmony Search Algorithm With Variable Neighborhood Search for Job Shop Scheduling Problem and Its Runtime Analysis. <i>IEEE Access</i> , 2018 , 6, 76313-76330	3.5	13
36	A collaborative LSHADE algorithm with comprehensive learning mechanism. <i>Applied Soft Computing Journal</i> , 2020 , 96, 106609	7.5	10
35	A discrete gravitational search algorithm for the blocking flow shop problem with total flow time minimization. <i>Applied Intelligence</i> , 2019 , 49, 3362-3382	4.9	9
34	A shuffled complex evolution algorithm with opposition-based learning for a permutation flow shop scheduling problem. <i>International Journal of Computer Integrated Manufacturing</i> , 2014 , 1-16	4.3	8
33	A hybrid optimization algorithm based on chaotic differential evolution and estimation of distribution. <i>Computational and Applied Mathematics</i> , 2017 , 36, 433-458		7
32	Integration of Process Planning and Production Scheduling Based on A Hybrid PSO and SA Algorithm 2006 ,		7
31	An optimal block knowledge driven backtracking search algorithm for distributed assembly No-wait flow shop scheduling problem. <i>Applied Soft Computing Journal</i> , 2021 , 112, 107750	7.5	7
30	An improved water wave optimisation algorithm enhanced by CMA-ES and opposition-based learning. <i>Connection Science</i> , 2020 , 32, 132-161	2.8	6
29	A jigsaw puzzle inspired algorithm for solving large-scale no-wait flow shop scheduling problems. <i>Applied Intelligence</i> , 2020 , 50, 87-100	4.9	5
28	A hierarchical knowledge guided backtracking search algorithm with self-learning strategy. <i>Engineering Applications of Artificial Intelligence</i> , 2021 , 102, 104268	7.2	4
27	A hierarchical guidance strategy assisted fruit fly optimization algorithm with cooperative learning mechanism. <i>Expert Systems With Applications</i> , 2021 , 183, 115342	7.8	4
26	A chemotaxis-enhanced bacterial foraging algorithm and its application in job shop scheduling problem. <i>International Journal of Computer Integrated Manufacturing</i> , 2014 , 1-16	4.3	3

25	A Hybrid Particle Swarm Optimization(PSO) Algorithm Schemes for Integrated Process Planning and Production Scheduling 2006 ,		3
24	A Hybrid Approach Based on Artificial Neural Network and Genetic Algorithm for Job-shop Scheduling Problem		3
23	A hybrid self-adaptive invasive weed algorithm with differential evolution. <i>Connection Science</i> , 2021 , 33, 929-953	2.8	3
22	A hybrid iterated local search algorithm with adaptive perturbation mechanism by success-history based parameter adaptation for differential evolution (SHADE). <i>Engineering Optimization</i> , 2020 , 52, 367-383	2.3	3
21	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> , 2022 , 198, 116921	7.8	3
20	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
19	Hybrid biogeography-based optimization with enhanced mutation and CMA-ES for global optimization problem. <i>Service Oriented Computing and Applications</i> , 2020 , 14, 65-73	1.6	2
18	Application of PSO with Different Typical Neighbor Structure to Complex Job Shop Scheduling Problem. <i>Applied Mathematics and Information Sciences</i> , 2013 , 7, 499-503	2.4	2
17	A reinforcement learning brain storm optimization algorithm (BSO) with learning mechanism. <i>Knowledge-Based Systems</i> , 2021 , 107645	7.3	2
16	A memetic discrete differential evolution algorithm for the distributed permutation flow shop scheduling problem. <i>Complex & Intelligent Systems</i> ,1	7.1	2
15	An effective water wave optimization algorithm with problem-specific knowledge for the distributed assembly blocking flow-shop scheduling problem. <i>Knowledge-Based Systems</i> , 2022 , 243, 108471	7.3	2
14	A Fitness Landscape Analysis for the No-Wait Flow Shop Scheduling Problem With Factorial Representation. <i>IEEE Access</i> , 2019 , 7, 21032-21047	3.5	1
13	A novel hybrid combination optimization algorithm based on search area segmentation and fast Fourier transform. <i>Engineering Optimization</i> , 2019 , 51, 846-861	2	1
12	A multi-agent model for the order driven agile manufacturing systems and order form selection algorithm 2009 ,		1
11	Application of An Improved Particle Swarm Optimization Algorithm for Neural Network Training*		1
10	A sequential seed scheduling heuristic based on determinate and latent margin for influence maximization problem with limited budget. <i>International Journal of Modern Physics C</i> , 2021 , 32, 2150079 ^{1.1}	1.1	1
9	A Novel Multi-Objective Optimization Algorithm Based on Differential Evolution and NSGA-II 2018 ,		1
8	A surrogate-assisted Jaya algorithm based on optimal directional guidance and historical learning mechanism. <i>Engineering Applications of Artificial Intelligence</i> , 2022 , 111, 104775	7.2	1

7	A two-stage cooperative scatter search algorithm with multi-population hierarchical learning mechanism. <i>Expert Systems With Applications</i> , 2022 , 203, 117444	7.8	1
6	A hybrid cooperative differential evolution assisted by CMA-ES with local search mechanism. <i>Neural Computing and Applications</i> ,1	4.8	0
5	A constrained multi-objective optimization algorithm with two cooperative populations. <i>Memetic Computing</i> , 2022 , 14, 95	3.4	0
4	A knowledge-based differential covariance matrix adaptation cooperative algorithm. <i>Expert Systems With Applications</i> , 2021 , 184, 115495	7.8	0
3	A two-stage evolutionary strategy based MOEA/D to multi-objective problems. <i>Expert Systems With Applications</i> , 2021 , 185, 115654	7.8	0
2	A multipopulation cooperative coevolutionary whale optimization algorithm with a two-stage orthogonal learning mechanism. <i>Knowledge-Based Systems</i> , 2022 , 108664	7.3	0
1	An ensemble discrete water wave optimization algorithm for the blocking flow-shop scheduling problem with makespan criterion. <i>Applied Intelligence</i> ,1	4.9	