Quan-Ke Pan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4800228/publications.pdf

Version: 2024-02-01

257 papers	15,543 citations	10389 72 h-index	19749 117 g-index
257 all docs	257 docs citations	257 times ranked	5696 citing authors

#	Article	IF	Citations
1	Differential evolution algorithm with ensemble of parameters and mutation strategies. Applied Soft Computing Journal, 2011, 11, 1679-1696.	7.2	1,156
2	A discrete artificial bee colony algorithm for the lot-streaming flow shop scheduling problem. Information Sciences, 2011, 181, 2455-2468.	6.9	493
3	A discrete particle swarm optimization algorithm for the no-wait flowshop scheduling problem. Computers and Operations Research, 2008, 35, 2807-2839.	4.0	365
4	A self-adaptive global best harmony search algorithm for continuous optimization problems. Applied Mathematics and Computation, 2010, 216, 830-848.	2.2	346
5	A review on swarm intelligence and evolutionary algorithms for solving flexible job shop scheduling problems. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 904-916.	13.1	322
6	Iterated Greedy methods for the distributed permutation flowshop scheduling problem. Omega, 2019, 83, 213-222.	5.9	267
7	A discrete artificial bee colony algorithm for the multi-objective flexible job-shop scheduling problem with maintenance activities. Applied Mathematical Modelling, 2014, 38, 1111-1132.	4.2	263
8	A discrete differential evolution algorithm for the permutation flowshop scheduling problem. Computers and Industrial Engineering, 2008, 55, 795-816.	6.3	253
9	Pareto-based discrete artificial bee colony algorithm for multi-objective flexible job shop scheduling problems. International Journal of Advanced Manufacturing Technology, 2011, 55, 1159-1169.	3.0	250
10	A novel hybrid discrete differential evolution algorithm for blocking flow shop scheduling problems. Computers and Operations Research, 2010, 37, 509-520.	4.0	221
11	A discrete artificial bee colony algorithm for the total flowtime minimization in permutation flow shops. Information Sciences, 2011, 181, 3459-3475.	6.9	220
12	Energy-efficient permutation flow shop scheduling problem using a hybrid multi-objective backtracking search algorithm. Journal of Cleaner Production, 2017, 144, 228-238.	9.3	220
13	A novel discrete artificial bee colony algorithm for the hybrid flowshop scheduling problem with makespan minimisation. Omega, 2014, 45, 42-56.	5.9	201
14	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
15	An effective hybrid tabu search algorithm for multi-objective flexible job-shop scheduling problems. Computers and Industrial Engineering, 2010, 59, 647-662.	6.3	194
16	An improved fruit fly optimization algorithm for continuous function optimization problems. Knowledge-Based Systems, 2014, 62, 69-83.	7.1	193
17	Flexible Job-Shop Rescheduling for New Job Insertion by Using Discrete Jaya Algorithm. IEEE Transactions on Cybernetics, 2019, 49, 1944-1955.	9.5	184
18	An Effective Artificial Bee Colony Algorithm for a Real-World Hybrid Flowshop Problem in Steelmaking Process. IEEE Transactions on Automation Science and Engineering, 2013, 10, 307-322.	5.2	183

#	Article	IF	Citations
19	A novel differential evolution algorithm for bi-criteria no-wait flow shop scheduling problems. Computers and Operations Research, 2009, 36, 2498-2511.	4.0	167
20	An effective co-evolutionary artificial bee colony algorithm for steelmaking-continuous casting scheduling. European Journal of Operational Research, 2016, 250, 702-714.	5.7	167
21	Queuing search algorithm: A novel metaheuristic algorithm for solving engineering optimization problems. Applied Mathematical Modelling, 2018, 63, 464-490.	4.2	160
22	A novel Lagrangian relaxation approach for a hybrid flowshop scheduling problem in the steelmaking-continuous casting process. European Journal of Operational Research, 2014, 236, 51-60.	5.7	151
23	A differential evolution algorithm with self-adapting strategy and control parameters. Computers and Operations Research, 2011, 38, 394-408.	4.0	147
24	An effective iterated greedy algorithm for the mixed no-idle permutation flowshop scheduling problem. Omega, 2014, 44, 41-50.	5.9	145
25	A two-stage artificial bee colony algorithm scheduling flexible job-shop scheduling problem with new job insertion. Expert Systems With Applications, 2015, 42, 7652-7663.	7.6	144
26	An ensemble of discrete differential evolution algorithms for solving the generalized traveling salesman problem. Applied Mathematics and Computation, 2010, 215, 3356-3368.	2.2	140
27	A hybrid tabu search algorithm with an efficient neighborhood structure for the flexible job shop scheduling problem. International Journal of Advanced Manufacturing Technology, 2011, 52, 683-697.	3.0	137
28	Pareto-based grouping discrete harmony search algorithm for multi-objective flexible job shop scheduling. Information Sciences, 2014, 289, 76-90.	6.9	136
29	An estimation of distribution algorithm for lot-streaming flow shop problems with setup times. Omega, 2012, 40, 166-180.	5.9	133
30	Evolutionary Multiobjective Blocking Lot-Streaming Flow Shop Scheduling With Machine Breakdowns. IEEE Transactions on Cybernetics, 2019, 49, 184-197.	9.5	133
31	A discrete artificial bee colony algorithm for the no-idle permutation flowshop scheduling problem with the total tardiness criterion. Applied Mathematical Modelling, 2013, 37, 6758-6779.	4.2	131
32	Discrete harmony search algorithm for flexible job shop scheduling problem with multiple objectives. Journal of Intelligent Manufacturing, 2016, 27, 363-374.	7.3	131
33	A hybrid harmony search algorithm for the blocking permutation flow shop scheduling problem. Computers and Industrial Engineering, 2011, 61, 76-83.	6.3	125
34	An effective shuffled frog-leaping algorithm for multi-objective flexible job shop scheduling problems. Applied Mathematics and Computation, 2012, 218, 9353-9371.	2.2	125
35	An improved artificial bee colony algorithm for flexible job-shop scheduling problem with fuzzy processing time. Expert Systems With Applications, 2016, 65, 52-67.	7.6	124
36	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

#	Article	IF	Citations
37	Minimizing the total flow time in a flow shop with blocking by using hybrid harmony search algorithms. Expert Systems With Applications, 2010, 37, 7929-7936.	7.6	120
38	Local search methods for the flowshop scheduling problem with flowtime minimization. European Journal of Operational Research, 2012, 222, 31-43.	5.7	118
39	A multi-objective cellular grey wolf optimizer for hybrid flowshop scheduling problem considering noise pollution. Applied Soft Computing Journal, 2019, 75, 728-749.	7.2	118
40	Solving the large-scale hybrid flow shop scheduling problem with limited buffers by a hybrid artificial bee colony algorithm. Information Sciences, 2015, 316, 487-502.	6.9	116
41	A discrete teaching-learning-based optimisation algorithm for realistic flowshop rescheduling problems. Engineering Applications of Artificial Intelligence, 2015, 37, 279-292.	8.1	112
42	Artificial bee colony algorithm for scheduling and rescheduling fuzzy flexible job shop problem with new job insertion. Knowledge-Based Systems, 2016, 109, 1-16.	7.1	112
43	Dynamic multi-swarm particle swarm optimizer with harmony search. Expert Systems With Applications, 2011, 38, 3735-3742.	7.6	109
44	Effective invasive weed optimization algorithms for distributed assembly permutation flowshop problem with total flowtime criterion. Swarm and Evolutionary Computation, 2019, 44, 64-73.	8.1	106
45	An Improved Artificial Bee Colony Algorithm for Solving Hybrid Flexible Flowshop With Dynamic Operation Skipping. IEEE Transactions on Cybernetics, 2016, 46, 1311-1324.	9.5	105
46	A comprehensive review and evaluation of permutation flowshop heuristics to minimize flowtime. Computers and Operations Research, 2013, 40, 117-128.	4.0	104
47	Effective heuristics for the blocking flowshop scheduling problem with makespan minimization. Omega, 2012, 40, 218-229.	5.9	103
48	Effective metaheuristics for scheduling a hybrid flowshop with sequence-dependent setup times. Applied Mathematics and Computation, 2017, 303, 89-112.	2.2	103
49	Effective constructive heuristics and meta-heuristics for the distributed assembly permutation flowshop scheduling problem. Applied Soft Computing Journal, 2019, 81, 105492.	7.2	103
50	A Three-Stage Multiobjective Approach Based on Decomposition for an Energy-Efficient Hybrid Flow Shop Scheduling Problem. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4984-4999.	9.3	100
51	An improved iterated greedy algorithm for the no-wait flow shop scheduling problem with makespan criterion. International Journal of Advanced Manufacturing Technology, 2008, 38, 778-786.	3.0	99
52	A discrete differential evolution algorithm for the single machine total weighted tardiness problem with sequence dependent setup times. Computers and Operations Research, 2009, 36, 1900-1915.	4.0	99
53	Chemical-reaction optimization for flexible job-shop scheduling problems with maintenance activity. Applied Soft Computing Journal, 2012, 12, 2896-2912.	7.2	95
54	An effective iterated greedy method for the distributed permutation flowshop scheduling problem with sequence-dependent setup times. Swarm and Evolutionary Computation, 2020, 59, 100742.	8.1	95

#	Article	IF	Citations
55	An effective hybrid discrete differential evolution algorithm for the flow shop scheduling with intermediate buffers. Information Sciences, 2011, 181, 668-685.	6.9	94
56	Solving the steelmaking casting problem using an effective fruit fly optimisation algorithm. Knowledge-Based Systems, 2014, 72, 28-36.	7.1	93
57	A Hybrid Fruit Fly Optimization Algorithm for the Realistic Hybrid Flowshop Rescheduling Problem in Steelmaking Systems. IEEE Transactions on Automation Science and Engineering, 2016, 13, 932-949.	5.2	93
58	An effective modified migrating birds optimization for hybrid flowshop scheduling problem with lot streaming. Applied Soft Computing Journal, 2017, 52, 14-27.	7.2	92
59	A local-best harmony search algorithm with dynamic sub-harmony memories for lot-streaming flow shop scheduling problem. Expert Systems With Applications, 2011, 38, 3252-3259.	7.6	91
60	An improved migrating birds optimisation for a hybrid flowshop scheduling with total flowtime minimisation. Information Sciences, 2014, 277, 643-655.	6.9	91
61	An improved fruit fly optimization algorithm for solving the multidimensional knapsack problem. Applied Soft Computing Journal, 2017, 50, 79-93.	7.2	91
62	Iterated greedy algorithms for the blocking flowshop scheduling problem with makespan criterion. Computers and Operations Research, 2017, 77, 111-126.	4.0	91
63	An Effective Hybrid Genetic Algorithm and Variable Neighborhood Search for Integrated Process Planning and Scheduling in a Packaging Machine Workshop. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1933-1945.	9.3	90
64	Effective constructive heuristics and discrete bee colony optimization for distributed flowshop with setup times. Engineering Applications of Artificial Intelligence, 2021, 97, 104016.	8.1	89
65	Discrete evolutionary multi-objective optimization for energy-efficient blocking flow shop scheduling with setup time. Applied Soft Computing Journal, 2020, 93, 106343.	7.2	87
66	A variable iterated greedy algorithm with differential evolution for the no-idle permutation flowshop scheduling problem. Computers and Operations Research, 2013, 40, 1729-1743.	4.0	86
67	Distributed Flow Shop Scheduling with Sequence-Dependent Setup Times Using an Improved Iterated Greedy Algorithm. Complex System Modeling and Simulation, 2021, 1, 198-217.	5.3	86
68	A hybrid particle swarm optimization with estimation of distribution algorithm for solving permutation flowshop scheduling problem. Expert Systems With Applications, 2011, 38, 4348-4360.	7.6	80
69	Discrete harmony search algorithm for the no-wait flow shop scheduling problem with total flow time criterion. International Journal of Advanced Manufacturing Technology, 2011, 56, 683-692.	3.0	79
70	An Improved Artificial Bee Colony algorithm for real-world hybrid flowshop rescheduling in Steelmaking-refining-Continuous Casting process. Computers and Industrial Engineering, 2018, 122, 235-250.	6.3	78
71	A local-best harmony search algorithm with dynamic subpopulations. Engineering Optimization, 2010, 42, 101-117.	2.6	75
72	A distributed heterogeneous permutation flowshop scheduling problem with lot-streaming and carryover sequence-dependent setup time. Swarm and Evolutionary Computation, 2021, 60, 100804.	8.1	74

#	Article	IF	Citations
73	Iterated search methods for earliness and tardiness minimization in hybrid flowshops with due windows. Computers and Operations Research, 2017, 80, 50-60.	4.0	73
74	An improved migrating birds optimization for an integrated lot-streaming flow shop scheduling problem. Swarm and Evolutionary Computation, 2018, 38, 64-78.	8.1	73
75	A shuffled multi-swarm micro-migrating birds optimizer for a multi-resource-constrained flexible job shop scheduling problem. Information Sciences, 2016, 372, 655-676.	6.9	72
76	A multiobjective evolutionary algorithm based on decomposition for hybrid flowshop green scheduling problem. Computers and Industrial Engineering, 2019, 136, 325-344.	6.3	72
77	An effective shuffled frog-leaping algorithm for lot-streaming flow shop scheduling problem. International Journal of Advanced Manufacturing Technology, 2011, 52, 699-713.	3.0	71
78	An effective multi-start iterated greedy algorithm to minimize makespan for the distributed permutation flowshop scheduling problem with preventive maintenance. Expert Systems With Applications, 2021, 169, 114495.	7.6	71
79	An Effective Cooperative Co-Evolutionary Algorithm for Distributed Flowshop Group Scheduling Problems. IEEE Transactions on Cybernetics, 2022, 52, 5999-6012.	9.5	71
80	A multi-start variable neighbourhood descent algorithm for hybrid flowshop rescheduling. Swarm and Evolutionary Computation, 2019, 45, 92-112.	8.1	70
81	Evolutionary multi-objective blocking lot-streaming flow shop scheduling with interval processing time. Applied Soft Computing Journal, 2016, 42, 229-245.	7.2	68
82	A chaotic harmony search algorithm for the flow shop scheduling problem with limited buffers. Applied Soft Computing Journal, 2011, 11, 5270-5280.	7.2	67
83	An improved NSGA-II algorithm for multi-objective lot-streaming flow shop scheduling problem. International Journal of Production Research, 2014, 52, 2211-2231.	7.5	67
84	An improved iterated greedy algorithm for the distributed assembly permutation flowshop scheduling problem. Computers and Industrial Engineering, 2021, 152, 107021.	6.3	67
85	A hybrid discrete particle swarm optimization algorithm for the no-wait flow shop scheduling problem with makespan criterion. International Journal of Advanced Manufacturing Technology, 2008, 38, 337-347.	3.0	66
86	A distributed permutation flowshop scheduling problem with the customer order constraint. Knowledge-Based Systems, 2019, 184, 104894.	7.1	66
87	Metaheuristic algorithms for the hybrid flowshop scheduling problem. Computers and Operations Research, 2019, 111, 177-196.	4.0	66
88	No-idle permutation flow shop scheduling based on a hybrid discrete particle swarm optimization algorithm. International Journal of Advanced Manufacturing Technology, 2008, 39, 796-807.	3.0	65
89	A hybrid variable neighborhood search for solving the hybrid flow shop scheduling problem. Applied Soft Computing Journal, 2014, 24, 63-77.	7.2	65
90	A High Performing Memetic Algorithm for the Flowshop Scheduling Problem With Blocking. IEEE Transactions on Automation Science and Engineering, 2013, 10, 741-756.	5.2	63

#	Article	IF	Citations
91	An effective discrete harmony search algorithm for flexible job shop scheduling problem with fuzzy processing time. International Journal of Production Research, 2015, 53, 5896-5911.	7.5	60
92	A hybrid artificial bee colony algorithm for a flexible job shop scheduling problem with overlapping in operations. International Journal of Production Research, 2018, 56, 5278-5292.	7.5	60
93	A discrete artificial bee colony algorithm for distributed hybrid flowshop scheduling problem with sequence-dependent setup times. International Journal of Production Research, 2021, 59, 3880-3899.	7.5	60
94	A novel differential evolution algorithm for no-idle permutation flow-shop scheduling problems. European Journal of Industrial Engineering, 2008, 2, 279.	0.8	58
95	A Hybrid Iterated Greedy Algorithm for a Crane Transportation Flexible Job Shop Problem. IEEE Transactions on Automation Science and Engineering, 2022, 19, 2153-2170.	5.2	58
96	An effective hybrid harmony search-based algorithm for solving multidimensional knapsack problems. Applied Soft Computing Journal, 2015, 29, 288-297.	7.2	56
97	An effective Iterated Greedy algorithm for the distributed permutation flowshop scheduling with due windows. Applied Soft Computing Journal, 2020, 96, 106629.	7.2	56
98	An effective discrete artificial bee colony algorithm for multi-AGVs dispatching problem in a matrix manufacturing workshop. Expert Systems With Applications, 2020, 161, 113675.	7.6	55
99	Harmony search algorithm with dynamic control parameters. Applied Mathematics and Computation, 2012, 219, 592-604.	2.2	54
100	An effective discrete invasive weed optimization algorithm for lot-streaming flowshop scheduling problems. Journal of Intelligent Manufacturing, 2018, 29, 1337-1349.	7.3	54
101	Effective ensembles of heuristics for scheduling flexible job shop problem with new job insertion. Computers and Industrial Engineering, 2015, 90, 107-117.	6.3	53
102	An improved iterated greedy algorithm for the energy-efficient blocking hybrid flow shop scheduling problem. Swarm and Evolutionary Computation, 2022, 69, 100992.	8.1	51
103	A differential evolution algorithm for the no-idle flowshop scheduling problem with total tardiness criterion. International Journal of Production Research, 2011, 49, 5033-5050.	7.5	50
104	Solving the blocking flow shop scheduling problem by a dynamic multi-swarm particle swarm optimizer. International Journal of Advanced Manufacturing Technology, 2011, 55, 755-762.	3.0	48
105	An improved artificial bee colony algorithm for the blocking flowshop scheduling problem. International Journal of Advanced Manufacturing Technology, 2012, 60, 1149-1159.	3.0	43
106	Chemical-reaction optimization for solving fuzzy job-shop scheduling problem with flexible maintenance activities. International Journal of Production Economics, 2013, 145, 4-17.	8.9	43
107	Solving multi-area environmental economic dispatch by Pareto-based chemical-reaction optimization algorithm. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 1240-1250.	13.1	42
108	A Hybrid Artificial Bee Colony Algorithm for Flexible Job Shop Scheduling Problems. International Journal of Computers, Communications and Control, 2014, 6, 286.	1.8	42

#	Article	IF	Citations
109	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.	3.0	40
110	An energy-efficient permutation flowshop scheduling problem. Expert Systems With Applications, 2020, 150, 113279.	7.6	40
111	A multi-objective hot-rolling scheduling problem in the compact strip production. Applied Mathematical Modelling, 2019, 73, 327-348.	4.2	39
112	Effective heuristics for the no-wait flow shop scheduling problem with total flow time minimization. International Journal of Advanced Manufacturing Technology, 2013, 66, 1563-1572.	3.0	38
113	A hybrid artificial bee colony for optimizing a reverse logistics network system. Soft Computing, 2017, 21, 6001-6018.	3.6	38
114	An Adaptive Iterated Greedy algorithm for distributed mixed no-idle permutation flowshop scheduling problems. Swarm and Evolutionary Computation, 2021, 63, 100874.	8.1	37
115	An automatic multi-objective evolutionary algorithm for the hybrid flowshop scheduling problem with consistent sublots. Knowledge-Based Systems, 2022, 238, 107819.	7.1	37
116	A hybrid Pareto-based local search algorithm for multi-objective flexible job shop scheduling problems. International Journal of Production Research, 2012, 50, 1063-1078.	7.5	36
117	A collaborative iterative greedy algorithm for the scheduling of distributed heterogeneous hybrid flow shop with blocking constraints. Expert Systems With Applications, 2022, 201, 117256.	7.6	36
118	A Discrete Differential Evolution Algorithm for the No-Wait Flowshop Scheduling Problem with Total Flowtime Criterion. , 2007, , .		35
119	An ensemble of differential evolution algorithms for constrained function optimization. , 2010, , .		35
120	A collaborative variable neighborhood descent algorithm for the hybrid flowshop scheduling problem with consistent sublots. Applied Soft Computing Journal, 2021, 106, 107305.	7.2	34
121	A population-based iterated greedy algorithm to minimize total flowtime for the distributed blocking flowshop scheduling problem. Engineering Applications of Artificial Intelligence, 2021, 104, 104375.	8.1	34
122	A hybrid local-search algorithm for robust job-shop scheduling under scenarios. Applied Soft Computing Journal, 2018, 62, 259-271.	7.2	33
123	An effective Lagrangian relaxation approach for rescheduling a steelmaking-continuous casting process. Control Engineering Practice, 2014, 30, 67-77.	5.5	32
124	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
125	A green scheduling algorithm for the distributed flowshop problem. Applied Soft Computing Journal, 2021, 109, 107526.	7.2	30
126	Production scheduling for blocking flowshop in distributed environment using effective heuristics and iterated greedy algorithm. Robotics and Computer-Integrated Manufacturing, 2021, 71, 102155.	9.9	30

#	Article	IF	Citations
127	A hash map-based memetic algorithm for the distributed permutation flowshop scheduling problem with preventive maintenance to minimize total flowtime. Knowledge-Based Systems, 2022, 242, 108413.	7.1	29
128	A hybrid variable neighborhood search algorithm for the hot rolling batch scheduling problem in compact strip production. Computers and Industrial Engineering, 2018, 116, 22-36.	6.3	28
129	An effective iterated greedy algorithm for solving a multi-compartment AGV scheduling problem in a matrix manufacturing workshop. Applied Soft Computing Journal, 2021, 99, 106945.	7.2	28
130	An Effective Subgradient Method for Scheduling a Steelmaking-Continuous Casting Process. IEEE Transactions on Automation Science and Engineering, 2015, 12, 1140-1152.	5.2	27
131	A Variable Block Insertion Heuristic for the Blocking Flowshop Scheduling Problem with Total Flowtime Criterion. Algorithms, 2016, 9, 71.	2.1	27
132	A Rescheduling Method for Operation Time Delay Disturbance in Steelmaking and Continuous Casting Production Process. Journal of Iron and Steel Research International, 2012, 19, 33-41.	2.8	26
133	A referenced iterated greedy algorithm for the distributed assembly mixed no-idle permutation flowshop scheduling problem with the total tardiness criterion. Knowledge-Based Systems, 2022, 239, 108036.	7.1	26
134	An ensemble fruit fly optimization algorithm for solving range image registration to improve quality inspection of free-form surface parts. Information Sciences, 2016, 367-368, 953-974.	6.9	25
135	A mathematical model and two-stage heuristic for hot rolling scheduling in compact strip production. Applied Mathematical Modelling, 2017, 48, 516-533.	4.2	25
136	A multi-objective migrating birds optimization algorithm for the hybrid flowshop rescheduling problem. Soft Computing, 2019, 23, 8101-8129.	3.6	25
137	Multi-objective optimization based reverse strategy with differential evolution algorithm for constrained optimization problems. Expert Systems With Applications, 2015, 42, 5976-5987.	7.6	24
138	Self-adaptive fruit fly optimizer for global optimization. Natural Computing, 2019, 18, 785-813.	3.0	23
139	Local search-based metaheuristics for the robust distributed permutation flowshop problem. Applied Soft Computing Journal, 2021, 105, 107247.	7.2	23
140	Efficient multiobjective optimization for an AGV energy-efficient scheduling problem with release time. Knowledge-Based Systems, 2022, 242, 108334.	7.1	23
141	A Discrete Differential Evolution Algorithm for the Total Earliness and Tardiness Penalties with a Common Due Date on a Single-Machine. , 2007, , .		22
142	An improved artificial bee colony algorithm for steelmakingâ€“refiningâ€“continuous casting scheduling problem. Chinese Journal of Chemical Engineering, 2018, 26, 1727-1735.	3.5	22
143	A hybrid variable neighborhood search algorithm for solving multi-objective flexible job shop problems. Computer Science and Information Systems, 2010, 7, 907-930.	1.0	22
144	Improved non-maximum suppression for object detection using harmony search algorithm. Applied Soft Computing Journal, 2019, 81, 105478.	7.2	21

#	Article	IF	Citations
145	A Variable Block Insertion Heuristic for Solving Permutation Flow Shop Scheduling Problem with Makespan Criterion. Algorithms, 2019, 12, 100.	2.1	21
146	A hybrid dynamic harmony search algorithm for identical parallel machines scheduling. Engineering Optimization, 2012, 44, 209-224.	2.6	20
147	A novel Lagrangian relaxation level approach for scheduling steelmaking-refining-continuous casting production. Journal of Central South University, 2017, 24, 467-477.	3.0	20
148	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
149	Effective Hot Rolling Batch Scheduling Algorithms in Compact Strip Production. IEEE Transactions on Automation Science and Engineering, 2019, 16, 1933-1951.	5.2	20
150	An Effective Discrete Artificial Bee Colony Algorithm for Scheduling an Automatic-Guided-Vehicle in a Linear Manufacturing Workshop. IEEE Access, 2020, 8, 35063-35076.	4.2	20
151	Minimizing Total Earliness and Tardiness Penalties with a Common Due Date on a Single-Machine Using a Discrete Particle Swarm Optimization Algorithm. Lecture Notes in Computer Science, 2006, , 460-467.	1.3	19
152	An Effective Multi-Objective Artificial Bee Colony Algorithm for Energy Efficient Distributed Job Shop Scheduling. Procedia Manufacturing, 2019, 39, 1194-1203.	1.9	18
153	An efficient self-adaptive artificial bee colony algorithm for the distributed resource-constrained hybrid flowshop problem. Computers and Industrial Engineering, 2022, 169, 108200.	6.3	18
154	A HYBRID HARMONY SEARCH ALGORITHM FOR THE NO-WAIT FLOW-SHOP SCHEDULING PROBLEMS. Asia-Pacific Journal of Operational Research, 2012, 29, 1250012.	1.3	17
155	Differential evolution algorithm-based range image registration for free-form surface parts quality inspection. Swarm and Evolutionary Computation, 2017, 36, 106-123.	8.1	17
156	Solving manpower scheduling problem in manufacturing using mixed-integer programming with a two-stage heuristic algorithm. International Journal of Advanced Manufacturing Technology, 2010, 46, 1229-1237.	3.0	16
157	A discrete artificial bee colony algorithm for the permutation flow shop scheduling problem with total flowtime criterion. , 2010, , .		16
158	Memetic Algorithm based on Improved Inverâ€“over operator and Linâ€“Kernighan local search for the Euclidean traveling salesman problem. Computers and Mathematics With Applications, 2011, 62, 2743-2754.	2.7	16
159	Multi-objective inverse scheduling optimization of single-machine shop system with uncertain due-dates and processing times. Cluster Computing, 2017, 20, 371-390.	5.0	16
160	A Discrete Particle Swarm Optimization Algorithm for the Permutation Flowshop Sequencing Problem with Makespan Criterion. , 2007, , 19-31.		16
161	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
162	A genetic algorithm for the generalized traveling salesman problem. , 2007, , .		14

#	Article	IF	Citations
163	A differential evolution algorithm with variable neighborhood search for multidimensional knapsack problem. , 2015, , .		14
164	A Multi-Objective Harmony Search Algorithm for Sustainable Design of Floating Settlements. Algorithms, 2016, 9, 51.	2.1	14
165	The distributed flowshop scheduling problem with delivery dates and cumulative payoffs. Computers and Industrial Engineering, 2022, 165, 107961.	6.3	14
166	An effective memetic algorithm for the distributed flowshop scheduling problem with an assemble machine. International Journal of Production Research, 2023, 61, 1755-1770.	7.5	14
167	Discrete artificial bee colony algorithm for lot-streaming flowshop with total flowtime minimization. Chinese Journal of Mechanical Engineering (English Edition), 2012, 25, 990-1000.	3.7	13
168	Metaheuristics with restart and learning mechanisms for the no-idle flowshop scheduling problem with makespan criterion. Computers and Operations Research, 2022, 138, 105616.	4.0	13
169	Magnetic Material Group Furnace Problem Modeling and the Specialization of the Genetic Algorithm. IEEE Transactions on Engineering Management, 2015, 62, 51-64.	3.5	11
170	An Artificial Bee Colony Algorithm for the Distributed Hybrid Flowshop Scheduling Problem. Procedia Manufacturing, 2019, 39, 1158-1166.	1.9	11
171	Evolutionary Optimization Under Uncertainty: The Strategies to Handle Varied Constraints for Fluid Catalytic Cracking Operation. IEEE Transactions on Cybernetics, 2022, 52, 2249-2262.	9.5	11
172	A light-robust-optimization model and an effective memetic algorithm for an open vehicle routing problem under uncertain travel times. Memetic Computing, 2021, 13, 149-167.	4.0	11
173	A two-phase evolutionary algorithm for multi-objective distributed assembly permutation flowshop scheduling problem. Swarm and Evolutionary Computation, 2022, 74, 101128.	8.1	11
174	Flexible job shop scheduling problems by a hybrid artificial bee colony algorithm. , 2011, , .		10
175	A Variable Iterated Local Search Algorithm for Energy-Efficient No-idle Flowshop Scheduling Problem. Procedia Manufacturing, 2019, 39, 1185-1193.	1.9	10
176	Multi-Objective Flexible Job Shop Scheduling Problem Considering Machine Switching Off-On Operation. Procedia Manufacturing, 2019, 39, 1167-1176.	1.9	10
177	A Novel General Variable Neighborhood Search through Q-Learning for No-Idle Flowshop Scheduling. , 2020, , .		10
178	A General Variable Neighborhood Search Algorithm for the No-Idle Permutation Flowshop Scheduling Problem. Lecture Notes in Computer Science, 2013, , 24-34.	1.3	10
179	A decomposition-based multi-objective evolutionary algorithm for hybrid flowshop rescheduling problem with consistent sublots. International Journal of Production Research, 2023, 61, 1013-1038.	7.5	10
180	Metaheuristic algorithms for the quadratic assignment problem. , 2013, , .		9

#	Article	IF	Citations
181	An effective invasive weed optimization algorithm for the flow shop scheduling with intermediate buffers. , 2013, , .		9
182	An iterated greedy algorithm for the hybrid flowshop problem with makespan criterion. , 2014, , .		9
183	A discrete artificial bee colony algorithm for the permutation flowshop scheduling problem with sequence-dependent setup times. , 2016, , .		9
184	Free-form surface parts quality inspection optimization with a novel sampling method. Applied Soft Computing Journal, 2018, 62, 550-570.	7.2	9
185	A Discrete Artificial Bee Colony Algorithm for the Energy-Efficient No-Wait Flowshop Scheduling Problem. Procedia Manufacturing, 2019, 39, 1223-1231.	1.9	9
186	Two-objective robust job-shop scheduling with two problem-specific neighborhood structures. Swarm and Evolutionary Computation, 2021, 61, 100805.	8.1	9
187	Solving Fuzzy Job-Shop Scheduling Problem by a Hybrid PSO Algorithm. Lecture Notes in Computer Science, 2012, , 275-282.	1.3	9
188	A multi-objective self-adaptive differential evolution algorithm for conceptual high-rise building design. , 2016, , .		8
189	An improved imperialist competitive algorithm for hybrid flowshop rescheduling in steelmaking-refining-continuous casting process. Measurement and Control, 2020, 53, 1920-1928.	1.8	8
190	Green Permutation Flowshop Scheduling: A Trade- off- Between Energy Consumption and Total Flow Time. Lecture Notes in Computer Science, 2018, , 753-759.	1.3	8
191	A populated local search with differential evolution for blocking flowshop scheduling problem. , 2015, , .		7
192	A memetic algorithm with a variable block insertion heuristic for single machine total weighted tardiness problem with sequence dependent setup times. , 2016, , .		7
193	Metaheuristics for Energy-Efficient No-Wait Flowshops: A Trade-off Between Makespan and Total Energy Consumption. , 2020, , .		7
194	Energy-Efficient Single Machine Total Weighted Tardiness Problem with Sequence-Dependent Setup Times. Lecture Notes in Computer Science, 2018, , 746-758.	1.3	7
195	A Hybrid Pareto-Based Tabu Search for Multi-objective Flexible Job Shop Scheduling Problem with E/T Penalty. Lecture Notes in Computer Science, 2010, , 620-627.	1.3	6
196	An iterated greedy algorithm for the distributed permutation flowshop scheduling problem with preventive maintenance to minimize total flowtime. , 2020, , .		6
197	Hybrid Particle Swarm Optimization for Hybrid Flowshop Scheduling Problem with Maintenance Activities. Scientific World Journal, The, 2014, 2014, 1-11.	2.1	5
198	Multi-objective harmony search algorithm for layout design in theatre hall acoustics. , 2016, , .		5

#	Article	IF	Citations
199	A novel simplification method of point cloud with directed Hausdorff distance. , 2017, , .		5
200	An energy-efficient single machine scheduling with release dates and sequence-dependent setup times. , 2018, , .		5
201	An Effective Encoding Method Based on Local Information for 3D Point Cloud Classification. IEEE Access, 2019, 7, 39369-39377.	4.2	5
202	A Hybrid Genetic Algorithm for the Distributed Permutation Flowshop Scheduling Problem with Sequence-Dependent Setup Times. IOP Conference Series: Materials Science and Engineering, 2019, 646, 012037.	0.6	5
203	An Ensemble of Meta-Heuristics for the Energy-Efficient Blocking Flowshop Scheduling Problem. Procedia Manufacturing, 2019, 39, 1177-1184.	1.9	5
204	An improved discrete artificial bee colony algorithm for the distributed permutation flowshop scheduling problem with preventive maintenance. , 2020, , .		5
205	A Dynamic Multi-swarm Particle Swarm Optimizer for blocking flow shop scheduling. , 2010, , .		4
206	An ensemble of differential evolution algorithms with variable neighborhood search for constrained function optimization. , 2016, , .		4
207	Iterated greedy algorithms for the hybrid flowshop scheduling with total flow time minimization. , 2018, , .		4
208	An Iterated Greedy Algorithm for Distributed Blocking Flowshop Problems with Makespan Minimization. , 2020, , .		4
209	Tabu search algorithm for solving No-idle permutation Flow Shop Scheduling Problem. , 2010, , .		3
210	An effective discrete harmony search for solving bi-criteria FJSP. , 2011, , .		3
211	A multi-swarm fruit fly optimization algorithm to minimize makespan for the hybrid flowshop problem. , 2017, , .		3
212	An Enhanced Fruit Fly Optimization for the Flexible Job Shop Scheduling Problem with Lot Streaming. , 2018, , .		3
213	NEH-Based heuristics for the distributed blocking flowshop with makespan criterion. , 2020, , .		3
214	Solving lot-streaming flow shop scheduling problems using a discrete harmony search algorithm. , 2010, , .		2
215	A hybrid algorithm for multi-objective job shop scheduling problem. , 2011, , .		2
216	Simple greedy methods for scheduling hybrid flowshops with due date windows. , 2015, , .		2

#	Article	IF	Citations
217	Differential evolution algorithm-based range image registration with scaling parameters. , 2016, , .		2
218	An enhanced migrating birds optimization for a lot-streaming flow shop scheduling problem. , 2017, , .		2
219	A modified migrating birds optimization for solving the steelmaking-continuous casting problem with variable processing times. , 2017, , .		2
220	An improved migrating birds optimization for solving the multidimensional knapsack problem. , 2017, , .		2
221	A variable block insertion heuristic for permutation flowshops with makespan criterion. , 2017, , .		2
222	Variable block insertion heuristic for the quadratic assignment problem. , 2017, , .		2
223	A two-stage invasive weed optimization algorithm for distributed assembly permutation flowshop problem. , 2017, , .		2
224	An iterated local search algorithm for distributed assembly permutation flowshop problem. , 2020, , .		2
225	Effective constructive and composite heuristics for grouping printed circuit boards in the electronic assembly industry. Engineering Optimization, 2022, 54, 1758-1772.	2.6	2
226	An Enhanced Migrating Birds Optimization for the Flexible Job Shop Scheduling Problem with Lot Streaming. Lecture Notes in Computer Science, 2018, , 769-779.	1.3	2
227	Upper bounds on Taillard’s benchmark suite for the no-wait flowshop scheduling problem with makespan criterion. , 2008, , .		1
228	A hybrid Pareto-based local search for multi-objective flexible job shop scheduling problem. , 2010, , .		1
229	A hybrid particle swarm optimization algorithm for bi-criteria flexible job-shop scheduling problem. , 2010, , .		1
230	Improved genetic algorithm for magnetic material two-stage multi-product production scheduling: A case study. , 2012, , .		1
231	A speed-up method for calculating total flowtime in permutation flow shop scheduling problem. , 2013, , .		1
232	An improved harmony search algorithm with dynamic control parameters for continuous optimization problems. , 2014, , .		1
233	Harmony search algorithm with self-adaptive dynamic parameters. , 2015, , .		1
234	Normal histogram-based fruit fly optimization algorithm for range image registration. , 2016, , .		1

#	Article	IF	Citations
235	Intelligent Rescheduling System for Steelmaking and Continuous Casting Production. , 2017, , 41-46.		1
236	MOEA/D for Multi-Objective Hybrid Flowshop Rescheduling Problem. , 2018, , .		1
237	An effective iterated greedy algorithm for PCBs grouping problem to minimize setup times. Applied Soft Computing Journal, 2021, 112, 107830.	7.2	1
238	A Variable Iterated Greedy Algorithm with Differential Evolution for Solving No-Idle Flowshops. Lecture Notes in Computer Science, 2012, , 128-135.	1.3	1
239	An Effective Artificial Bee Colony for Distributed Lot-Streaming Flowshop Scheduling Problem. Lecture Notes in Computer Science, 2018, , 795-806.	1.3	1
240	A New Heuristic for PCBs Grouping Problem with Setup Times. , 2020, , .		1
241	Lagrangian heuristic for scheduling a steelmaking-continuous casting process. , 2013, , .		0
242	Scheduling a real-world hybrid flow shop with variable processing times using Lagrangian relaxation. , 2014, , .		0
243	Solving complex task scheduling by a hybrid genetic algorithm. , 2014, , .		0
244	Design and development of optimization software of magnetic multi-process coordination production planning based on benefit. , 2014, , .		0
245	A hybrid Pareto-based algorithm for multi-objective resource allocation problem. , 2014, , .		0
246	Scheduling the hybrid flowshop problem using a global fruit fly optimizer. , 2017, , .		0
247	An effective fruit fly optimization algorithm for the hybrid flowshop scheduling problem. , 2017, , .		0
248	An Effective Fruit Fly Optimization for the Distributed Assembly Flowshop Scheduling Problem. , 2018, , .		0
249	Iterated Local Search for Steelmaking-refining-Continuous Casting Scheduling Problem. , 2019, , .		0
250	An improved iterated greedy algorithm for the distributed flow shop scheduling problem with sequence-dependent setup times. , 2021, , .		0
251	An Iterated Greedy Algorithm for Distributed Flowshop Group Scheduling Problem with Total Tardiness Criterion. , 2021, , .		0
252	An iterated local search algorithm for distributed permutation flowshop group scheduling problems with total flowtime minimization. , 2021, , .		0

#	Article	IF	Citations
253	Effective heuristics for the distributed permutation flowshop scheduling problem with release dates. , 2021, , .		0
254	Metaheuristics for Common due Date Total Earliness and Tardiness Single Machine Scheduling Problem. Studies in Computational Intelligence, 2009, , 301-340.	0.9	0
255	Discrete/Binary Approach. Studies in Computational Intelligence, 2009, , 139-162.	0.9	0
256	A DE Based Variable Iterated Greedy Algorithm for the No-Idle Permutation Flowshop Scheduling Problem with Total Flowtime Criterion. Lecture Notes in Computer Science, 2012, , 83-90.	1.3	0
257	A Variable Block Insertion Heuristic for the Energy-Efficient Permutation Flowshop Scheduling with Makespan Criterion. Studies in Computational Intelligence, 2021, , 33-49.	0.9	0