

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	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.	7.5	14
2	A decomposition-based multi-objective evolutionary algorithm for hybrid flowshop rescheduling problem with consistent sublots. <i>International Journal of Production Research</i> , 2023, 61, 1013-1038.	7.5	10
3	Evolutionary Optimization Under Uncertainty: The Strategies to Handle Varied Constraints for Fluid Catalytic Cracking Operation. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 2249-2262.	9.5	11
4	An Effective Cooperative Co-Evolutionary Algorithm for Distributed Flowshop Group Scheduling Problems. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 5999-6012.	9.5	71
5	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.	5.2	58
6	Effective constructive and composite heuristics for grouping printed circuit boards in the electronic assembly industry. <i>Engineering Optimization</i> , 2022, 54, 1758-1772.	2.6	2
7	An improved iterated greedy algorithm for the energy-efficient blocking hybrid flow shop scheduling problem. <i>Swarm and Evolutionary Computation</i> , 2022, 69, 100992.	8.1	51
8	Metaheuristics with restart and learning mechanisms for the no-idle flowshop scheduling problem with makespan criterion. <i>Computers and Operations Research</i> , 2022, 138, 105616.	4.0	13
9	An automatic multi-objective evolutionary algorithm for the hybrid flowshop scheduling problem with consistent sublots. <i>Knowledge-Based Systems</i> , 2022, 238, 107819.	7.1	37
10	A referenced iterated greedy algorithm for the distributed assembly mixed no-idle permutation flowshop scheduling problem with the total tardiness criterion. <i>Knowledge-Based Systems</i> , 2022, 239, 108036.	7.1	26
11	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.	9.3	16
12	Efficient multiobjective optimization for an AGV energy-efficient scheduling problem with release time. <i>Knowledge-Based Systems</i> , 2022, 242, 108334.	7.1	23
13	The distributed flowshop scheduling problem with delivery dates and cumulative payoffs. <i>Computers and Industrial Engineering</i> , 2022, 165, 107961.	6.3	14
14	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.	7.1	29
15	A collaborative iterative greedy algorithm for the scheduling of distributed heterogeneous hybrid flow shop with blocking constraints. <i>Expert Systems With Applications</i> , 2022, 201, 117256.	7.6	36
16	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.	6.3	18
17	A two-phase evolutionary algorithm for multi-objective distributed assembly permutation flowshop scheduling problem. <i>Swarm and Evolutionary Computation</i> , 2022, 74, 101128.	8.1	11
18	Effective constructive heuristics and discrete bee colony optimization for distributed flowshop with setup times. <i>Engineering Applications of Artificial Intelligence</i> , 2021, 97, 104016.	8.1	89

#	ARTICLE	IF	CITATIONS
19	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.	8.1	74
20	Two-objective robust job-shop scheduling with two problem-specific neighborhood structures. <i>Swarm and Evolutionary Computation</i> , 2021, 61, 100805.	8.1	9
21	An improved iterated greedy algorithm for the distributed assembly permutation flowshop scheduling problem. <i>Computers and Industrial Engineering</i> , 2021, 152, 107021.	6.3	67
22	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.	7.6	71
23	An effective iterated greedy algorithm for solving a multi-compartment AGV scheduling problem in a matrix manufacturing workshop. <i>Applied Soft Computing Journal</i> , 2021, 99, 106945.	7.2	28
24	An effective multi-objective evolutionary algorithm for solving the AGV scheduling problem with pickup and delivery. <i>Knowledge-Based Systems</i> , 2021, 218, 106881.	7.1	32
25	An improved iterated greedy algorithm for the distributed flow shop scheduling problem with sequence-dependent setup times. , 2021, , .		0
26	An Adaptive Iterated Greedy algorithm for distributed mixed no-idle permutation flowshop scheduling problems. <i>Swarm and Evolutionary Computation</i> , 2021, 63, 100874.	8.1	37
27	Local search-based metaheuristics for the robust distributed permutation flowshop problem. <i>Applied Soft Computing Journal</i> , 2021, 105, 107247.	7.2	23
28	A collaborative variable neighborhood descent algorithm for the hybrid flowshop scheduling problem with consistent sublots. <i>Applied Soft Computing Journal</i> , 2021, 106, 107305.	7.2	34
29	A population-based iterated greedy algorithm to minimize total flowtime for the distributed blocking flowshop scheduling problem. <i>Engineering Applications of Artificial Intelligence</i> , 2021, 104, 104375.	8.1	34
30	A green scheduling algorithm for the distributed flowshop problem. <i>Applied Soft Computing Journal</i> , 2021, 109, 107526.	7.2	30
31	Production scheduling for blocking flowshop in distributed environment using effective heuristics and iterated greedy algorithm. <i>Robotics and Computer-Integrated Manufacturing</i> , 2021, 71, 102155.	9.9	30
32	An effective iterated greedy algorithm for PCBs grouping problem to minimize setup times. <i>Applied Soft Computing Journal</i> , 2021, 112, 107830.	7.2	1
33	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.	4.0	11
34	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.	7.5	60
35	An Iterated Greedy Algorithm for Distributed Flowshop Group Scheduling Problem with Total Tardiness Criterion. , 2021, , .		0
36	An iterated local search algorithm for distributed permutation flowshop group scheduling problems with total flowtime minimization. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
37	Effective heuristics for the distributed permutation flowshop scheduling problem with release dates. , 2021, , .		0
38	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
39	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
40	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
41	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
42	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
43	An effective Iterated Greedy algorithm for the distributed permutation flowshop scheduling with due windows. Applied Soft Computing Journal, 2020, 96, 106629.	7.2	56
44	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
45	An improved discrete artificial bee colony algorithm for the distributed permutation flowshop scheduling problem with preventive maintenance. , 2020, , .		5
46	An iterated local search algorithm for distributed assembly permutation flowshop problem. , 2020, , .		2
47	Metaheuristics for Energy-Efficient No-Wait Flowshops: A Trade-off Between Makespan and Total Energy Consumption. , 2020, , .		7
48	A Novel General Variable Neighborhood Search through Q-Learning for No-Idle Flowshop Scheduling. , 2020, , .		10
49	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
50	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
51	An energy-efficient permutation flowshop scheduling problem. Expert Systems With Applications, 2020, 150, 113279.	7.6	40
52	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
53	NEH-Based heuristics for the distributed blocking flowshop with makespan criterion. , 2020, , .		3
54	An iterated greedy algorithm for the distributed permutation flowshop scheduling problem with preventive maintenance to minimize total flowtime. , 2020, , .		6

#	ARTICLE	IF	CITATIONS
55	An Iterated Greedy Algorithm for Distributed Blocking Flowshop Problems with Makespan Minimization. , 2020, , .		4
56	A New Heuristic for PCBs Grouping Problem with Setup Times. , 2020, , .		1
57	A multi-objective migrating birds optimization algorithm for the hybrid flowshop rescheduling problem. <i>Soft Computing</i> , 2019, 23, 8101-8129.	3.6	25
58	Evolutionary Multiobjective Blocking Lot-Streaming Flow Shop Scheduling With Machine Breakdowns. <i>IEEE Transactions on Cybernetics</i> , 2019, 49, 184-197.	9.5	133
59	A distributed permutation flowshop scheduling problem with the customer order constraint. <i>Knowledge-Based Systems</i> , 2019, 184, 104894.	7.1	66
60	A multiobjective evolutionary algorithm based on decomposition for hybrid flowshop green scheduling problem. <i>Computers and Industrial Engineering</i> , 2019, 136, 325-344.	6.3	72
61	Effective Hot Rolling Batch Scheduling Algorithms in Compact Strip Production. <i>IEEE Transactions on Automation Science and Engineering</i> , 2019, 16, 1933-1951.	5.2	20
62	Metaheuristic algorithms for the hybrid flowshop scheduling problem. <i>Computers and Operations Research</i> , 2019, 111, 177-196.	4.0	66
63	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.	13.1	322
64	Iterated Local Search for Steelmaking-refining-Continuous Casting Scheduling Problem. , 2019, , .		0
65	Effective heuristics and metaheuristics to minimize total flowtime for the distributed permutation flowshop problem. <i>Expert Systems With Applications</i> , 2019, 124, 309-324.	7.6	196
66	A multi-start variable neighbourhood descent algorithm for hybrid flowshop rescheduling. <i>Swarm and Evolutionary Computation</i> , 2019, 45, 92-112.	8.1	70
67	An Effective Encoding Method Based on Local Information for 3D Point Cloud Classification. <i>IEEE Access</i> , 2019, 7, 39369-39377.	4.2	5
68	Improved non-maximum suppression for object detection using harmony search algorithm. <i>Applied Soft Computing Journal</i> , 2019, 81, 105478.	7.2	21
69	Effective constructive heuristics and meta-heuristics for the distributed assembly permutation flowshop scheduling problem. <i>Applied Soft Computing Journal</i> , 2019, 81, 105492.	7.2	103
70	A Variable Block Insertion Heuristic for Solving Permutation Flow Shop Scheduling Problem with Makespan Criterion. <i>Algorithms</i> , 2019, 12, 100.	2.1	21
71	A multi-objective hot-rolling scheduling problem in the compact strip production. <i>Applied Mathematical Modelling</i> , 2019, 73, 327-348.	4.2	39
72	A Hybrid Genetic Algorithm for the Distributed Permutation Flowshop Scheduling Problem with Sequence-Dependent Setup Times. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 646, 012037.	0.6	5

#	ARTICLE	IF	CITATIONS
73	A Discrete Artificial Bee Colony Algorithm for the Energy-Efficient No-Wait Flowshop Scheduling Problem. <i>Procedia Manufacturing</i> , 2019, 39, 1223-1231.	1.9	9
74	A Variable Iterated Local Search Algorithm for Energy-Efficient No-idle Flowshop Scheduling Problem. <i>Procedia Manufacturing</i> , 2019, 39, 1185-1193.	1.9	10
75	Multi-Objective Flexible Job Shop Scheduling Problem Considering Machine Switching Off-On Operation. <i>Procedia Manufacturing</i> , 2019, 39, 1167-1176.	1.9	10
76	An Artificial Bee Colony Algorithm for the Distributed Hybrid Flowshop Scheduling Problem. <i>Procedia Manufacturing</i> , 2019, 39, 1158-1166.	1.9	11
77	An Ensemble of Meta-Heuristics for the Energy-Efficient Blocking Flowshop Scheduling Problem. <i>Procedia Manufacturing</i> , 2019, 39, 1177-1184.	1.9	5
78	An Effective Multi-Objective Artificial Bee Colony Algorithm for Energy Efficient Distributed Job Shop Scheduling. <i>Procedia Manufacturing</i> , 2019, 39, 1194-1203.	1.9	18
79	An Effective Hybrid Genetic Algorithm and Variable Neighborhood Search for Integrated Process Planning and Scheduling in a Packaging Machine Workshop. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019, 49, 1933-1945.	9.3	90
80	A multi-objective cellular grey wolf optimizer for hybrid flowshop scheduling problem considering noise pollution. <i>Applied Soft Computing Journal</i> , 2019, 75, 728-749.	7.2	118
81	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.	8.1	106
82	Iterated Greedy methods for the distributed permutation flowshop scheduling problem. <i>Omega</i> , 2019, 83, 213-222.	5.9	267
83	Flexible Job-Shop Rescheduling for New Job Insertion by Using Discrete Jaya Algorithm. <i>IEEE Transactions on Cybernetics</i> , 2019, 49, 1944-1955.	9.5	184
84	Self-adaptive fruit fly optimizer for global optimization. <i>Natural Computing</i> , 2019, 18, 785-813.	3.0	23
85	Solving multi-area environmental economic dispatch by Pareto-based chemical-reaction optimization algorithm. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2019, 6, 1240-1250.	13.1	42
86	An effective discrete invasive weed optimization algorithm for lot-streaming flowshop scheduling problems. <i>Journal of Intelligent Manufacturing</i> , 2018, 29, 1337-1349.	7.3	54
87	A hybrid variable neighborhood search algorithm for the hot rolling batch scheduling problem in compact strip production. <i>Computers and Industrial Engineering</i> , 2018, 116, 22-36.	6.3	28
88	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.	7.5	60
89	An improved migrating birds optimization for an integrated lot-streaming flow shop scheduling problem. <i>Swarm and Evolutionary Computation</i> , 2018, 38, 64-78.	8.1	73
90	A hybrid local-search algorithm for robust job-shop scheduling under scenarios. <i>Applied Soft Computing Journal</i> , 2018, 62, 259-271.	7.2	33

#	ARTICLE	IF	CITATIONS
91	Discrete harmony search algorithm for scheduling and rescheduling the reprocessing problems in remanufacturing: a case study. <i>Engineering Optimization</i> , 2018, 50, 965-981.	2.6	20
92	Free-form surface parts quality inspection optimization with a novel sampling method. <i>Applied Soft Computing Journal</i> , 2018, 62, 550-570.	7.2	9
93	MOEA/D for Multi-Objective Hybrid Flowshop Rescheduling Problem. , 2018, , .		1
94	An Enhanced Fruit Fly Optimization for the Flexible Job Shop Scheduling Problem with Lot Streaming. , 2018, , .		3
95	An Effective Fruit Fly Optimization for the Distributed Assembly Flowshop Scheduling Problem. , 2018, , .		0
96	An improved artificial bee colony algorithm for steelmakingâ€“refiningâ€“continuous casting scheduling problem. <i>Chinese Journal of Chemical Engineering</i> , 2018, 26, 1727-1735.	3.5	22
97	Iterated greedy algorithms for the hybrid flowshop scheduling with total flow time minimization. , 2018, , .		4
98	Queuing search algorithm: A novel metaheuristic algorithm for solving engineering optimization problems. <i>Applied Mathematical Modelling</i> , 2018, 63, 464-490.	4.2	160
99	An energy-efficient single machine scheduling with release dates and sequence-dependent setup times. , 2018, , .		5
100	An Improved Artificial Bee Colony algorithm for real-world hybrid flowshop rescheduling in Steelmaking-refining-Continuous Casting process. <i>Computers and Industrial Engineering</i> , 2018, 122, 235-250.	6.3	78
101	Energy-Efficient Single Machine Total Weighted Tardiness Problem with Sequence-Dependent Setup Times. <i>Lecture Notes in Computer Science</i> , 2018, , 746-758.	1.3	7
102	Green Permutation Flowshop Scheduling: A Trade- off- Between Energy Consumption and Total Flow Time. <i>Lecture Notes in Computer Science</i> , 2018, , 753-759.	1.3	8
103	An Enhanced Migrating Birds Optimization for the Flexible Job Shop Scheduling Problem with Lot Streaming. <i>Lecture Notes in Computer Science</i> , 2018, , 769-779.	1.3	2
104	An Effective Artificial Bee Colony for Distributed Lot-Streaming Flowshop Scheduling Problem. <i>Lecture Notes in Computer Science</i> , 2018, , 795-806.	1.3	1
105	Multi-objective inverse scheduling optimization of single-machine shop system with uncertain due-dates and processing times. <i>Cluster Computing</i> , 2017, 20, 371-390.	5.0	16
106	Effective metaheuristics for scheduling a hybrid flowshop with sequence-dependent setup times. <i>Applied Mathematics and Computation</i> , 2017, 303, 89-112.	2.2	103
107	A novel Lagrangian relaxation level approach for scheduling steelmaking-refining-continuous casting production. <i>Journal of Central South University</i> , 2017, 24, 467-477.	3.0	20
108	Differential evolution algorithm-based range image registration for free-form surface parts quality inspection. <i>Swarm and Evolutionary Computation</i> , 2017, 36, 106-123.	8.1	17

#	ARTICLE	IF	CITATIONS
109	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
110	A hybrid artificial bee colony for optimizing a reverse logistics network system. Soft Computing, 2017, 21, 6001-6018.	3.6	38
111	Intelligent Rescheduling System for Steelmaking and Continuous Casting Production. , 2017, , 41-46.		1
112	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
113	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
114	A multi-swarm fruit fly optimization algorithm to minimize makespan for the hybrid flowshop problem. , 2017, , .		3
115	An enhanced migrating birds optimization for a lot-streaming flow shop scheduling problem. , 2017, , .		2
116	A modified migrating birds optimization for solving the steelmaking-continuous casting problem with variable processing times. , 2017, , .		2
117	An improved migrating birds optimization for solving the multidimensional knapsack problem. , 2017, , .		2
118	A variable block insertion heuristic for permutation flowshops with makespan criterion. , 2017, , .		2
119	Variable block insertion heuristic for the quadratic assignment problem. , 2017, , .		2
120	An improved fruit fly optimization algorithm for solving the multidimensional knapsack problem. Applied Soft Computing Journal, 2017, 50, 79-93.	7.2	91
121	Iterated greedy algorithms for the blocking flowshop scheduling problem with makespan criterion. Computers and Operations Research, 2017, 77, 111-126.	4.0	91
122	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
123	Scheduling the hybrid flowshop problem using a global fruit fly optimizer. , 2017, , .		0
124	An effective fruit fly optimization algorithm for the hybrid flowshop scheduling problem. , 2017, , .		0
125	A two-stage invasive weed optimization algorithm for distributed assembly permutation flowshop problem. , 2017, , .		2
126	A novel simplification method of point cloud with directed Hausdorff distance. , 2017, , .		5

#	ARTICLE	IF	CITATIONS
127	Discrete harmony search algorithm for flexible job shop scheduling problem with multiple objectives. <i>Journal of Intelligent Manufacturing</i> , 2016, 27, 363-374.	7.3	131
128	A Multi-Objective Harmony Search Algorithm for Sustainable Design of Floating Settlements. <i>Algorithms</i> , 2016, 9, 51.	2.1	14
129	A Variable Block Insertion Heuristic for the Blocking Flowshop Scheduling Problem with Total Flowtime Criterion. <i>Algorithms</i> , 2016, 9, 71.	2.1	27
130	A memetic algorithm with a variable block insertion heuristic for single machine total weighted tardiness problem with sequence dependent setup times. , 2016, , .		7
131	Multi-objective harmony search algorithm for layout design in theatre hall acoustics. , 2016, , .		5
132	A multi-objective self-adaptive differential evolution algorithm for conceptual high-rise building design. , 2016, , .		8
133	A discrete artificial bee colony algorithm for the permutation flowshop scheduling problem with sequence-dependent setup times. , 2016, , .		9
134	An ensemble of differential evolution algorithms with variable neighborhood search for constrained function optimization. , 2016, , .		4
135	An improved artificial bee colony algorithm for flexible job-shop scheduling problem with fuzzy processing time. <i>Expert Systems With Applications</i> , 2016, 65, 52-67.	7.6	124
136	A shuffled multi-swarm micro-migrating birds optimizer for a multi-resource-constrained flexible job shop scheduling problem. <i>Information Sciences</i> , 2016, 372, 655-676.	6.9	72
137	An ensemble fruit fly optimization algorithm for solving range image registration to improve quality inspection of free-form surface parts. <i>Information Sciences</i> , 2016, 367-368, 953-974.	6.9	25
138	Normal histogram-based fruit fly optimization algorithm for range image registration. , 2016, , .		1
139	Differential evolution algorithm-based range image registration with scaling parameters. , 2016, , .		2
140	Artificial bee colony algorithm for scheduling and rescheduling fuzzy flexible job shop problem with new job insertion. <i>Knowledge-Based Systems</i> , 2016, 109, 1-16.	7.1	112
141	Evolutionary multi-objective blocking lot-streaming flow shop scheduling with interval processing time. <i>Applied Soft Computing Journal</i> , 2016, 42, 229-245.	7.2	68
142	An effective co-evolutionary artificial bee colony algorithm for steelmaking-continuous casting scheduling. <i>European Journal of Operational Research</i> , 2016, 250, 702-714.	5.7	167
143	A Hybrid Fruit Fly Optimization Algorithm for the Realistic Hybrid Flowshop Rescheduling Problem in Steelmaking Systems. <i>IEEE Transactions on Automation Science and Engineering</i> , 2016, 13, 932-949.	5.2	93
144	An Improved Artificial Bee Colony Algorithm for Solving Hybrid Flexible Flowshop With Dynamic Operation Skipping. <i>IEEE Transactions on Cybernetics</i> , 2016, 46, 1311-1324.	9.5	105

#	ARTICLE	IF	CITATIONS
145	Simple greedy methods for scheduling hybrid flowshops with due date windows. , 2015, , .		2
146	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
147	An effective hybrid harmony search-based algorithm for solving multidimensional knapsack problems. Applied Soft Computing Journal, 2015, 29, 288-297.	7.2	56
148	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
149	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
150	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
151	A populated local search with differential evolution for blocking flowshop scheduling problem. , 2015, , .		7
152	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
153	Harmony search algorithm with self-adaptive dynamic parameters. , 2015, , .		1
154	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
155	A differential evolution algorithm with variable neighborhood search for multidimensional knapsack problem. , 2015, , .		14
156	A discrete teaching-learning-based optimisation algorithm for realistic flowshop rescheduling problems. Engineering Applications of Artificial Intelligence, 2015, 37, 279-292.	8.1	112
157	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
158	Hybrid Particle Swarm Optimization for Hybrid Flowshop Scheduling Problem with Maintenance Activities. Scientific World Journal, The, 2014, 2014, 1-11.	2.1	5
159	An iterated greedy algorithm for the hybrid flowshop problem with makespan criterion. , 2014, , .		9
160	Scheduling a real-world hybrid flow shop with variable processing times using Lagrangian relaxation. , 2014, , .		0
161	Solving complex task scheduling by a hybrid genetic algorithm. , 2014, , .		0
162	An improved harmony search algorithm with dynamic control parameters for continuous optimization problems. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
163	Design and development of optimization software of magnetic multi-process coordination production planning based on benefit. , 2014, , .		0
164	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
165	An effective iterated greedy algorithm for the mixed no-idle permutation flowshop scheduling problem. Omega, 2014, 44, 41-50.	5.9	145
166	A novel discrete artificial bee colony algorithm for the hybrid flowshop scheduling problem with makespan minimisation. Omega, 2014, 45, 42-56.	5.9	201
167	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
168	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
169	Solving the steelmaking casting problem using an effective fruit fly optimisation algorithm. Knowledge-Based Systems, 2014, 72, 28-36.	7.1	93
170	A hybrid Pareto-based algorithm for multi-objective resource allocation problem. , 2014, , .		0
171	An effective Lagrangian relaxation approach for rescheduling a steelmaking-continuous casting process. Control Engineering Practice, 2014, 30, 67-77.	5.5	32
172	A hybrid variable neighborhood search for solving the hybrid flow shop scheduling problem. Applied Soft Computing Journal, 2014, 24, 63-77.	7.2	65
173	Pareto-based grouping discrete harmony search algorithm for multi-objective flexible job shop scheduling. Information Sciences, 2014, 289, 76-90.	6.9	136
174	An improved fruit fly optimization algorithm for continuous function optimization problems. Knowledge-Based Systems, 2014, 62, 69-83.	7.1	193
175	An improved migrating birds optimisation for a hybrid flowshop scheduling with total flowtime minimisation. Information Sciences, 2014, 277, 643-655.	6.9	91
176	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
177	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
178	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
179	A speed-up method for calculating total flowtime in permutation flow shop scheduling problem. , 2013, , .		1
180	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

#	ARTICLE	IF	CITATIONS
181	Metaheuristic algorithms for the quadratic assignment problem. , 2013, , .		9
182	An effective invasive weed optimization algorithm for the flow shop scheduling with intermediate buffers. , 2013, , .		9
183	Lagrangian heuristic for scheduling a steelmaking-continuous casting process. , 2013, , .		0
184	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
185	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
186	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
187	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
188	A comprehensive review and evaluation of permutation flowshop heuristics to minimize flowtime. Computers and Operations Research, 2013, 40, 117-128.	4.0	104
189	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
190	A hybrid dynamic harmony search algorithm for identical parallel machines scheduling. Engineering Optimization, 2012, 44, 209-224.	2.6	20
191	Improved genetic algorithm for magnetic material two-stage multi-product production scheduling: A case study. , 2012, , .		1
192	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
193	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
194	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
195	Chemical-reaction optimization for flexible job-shop scheduling problems with maintenance activity. Applied Soft Computing Journal, 2012, 12, 2896-2912.	7.2	95
196	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
197	Harmony search algorithm with dynamic control parameters. Applied Mathematics and Computation, 2012, 219, 592-604.	2.2	54
198	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

#	ARTICLE	IF	CITATIONS
199	An effective shuffled frog-leaping algorithm for multi-objective flexible job shop scheduling problems. <i>Applied Mathematics and Computation</i> , 2012, 218, 9353-9371.	2.2	125
200	Local search methods for the flowshop scheduling problem with flowtime minimization. <i>European Journal of Operational Research</i> , 2012, 222, 31-43.	5.7	118
201	An estimation of distribution algorithm for lot-streaming flow shop problems with setup times. <i>Omega</i> , 2012, 40, 166-180.	5.9	133
202	Effective heuristics for the blocking flowshop scheduling problem with makespan minimization. <i>Omega</i> , 2012, 40, 218-229.	5.9	103
203	A Variable Iterated Greedy Algorithm with Differential Evolution for Solving No-Idle Flowshops. <i>Lecture Notes in Computer Science</i> , 2012, , 128-135.	1.3	1
204	Solving Fuzzy Job-Shop Scheduling Problem by a Hybrid PSO Algorithm. <i>Lecture Notes in Computer Science</i> , 2012, , 275-282.	1.3	9
205	A DE Based Variable Iterated Greedy Algorithm for the No-Idle Permutation Flowshop Scheduling Problem with Total Flowtime Criterion. <i>Lecture Notes in Computer Science</i> , 2012, , 83-90.	1.3	0
206	Flexible job shop scheduling problems by a hybrid artificial bee colony algorithm. , 2011, , .		10
207	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.	7.5	50
208	A chaotic harmony search algorithm for the flow shop scheduling problem with limited buffers. <i>Applied Soft Computing Journal</i> , 2011, 11, 5270-5280.	7.2	67
209	Memetic Algorithm based on Improved Inverâ€“over operator and Linâ€“Kernighan local search for the Euclidean traveling salesman problem. <i>Computers and Mathematics With Applications</i> , 2011, 62, 2743-2754.	2.7	16
210	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.	3.0	137
211	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.	3.0	71
212	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.	3.0	48
213	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.	3.0	250
214	Discrete harmony search algorithm for the no-wait flow shop scheduling problem with total flow time criterion. <i>International Journal of Advanced Manufacturing Technology</i> , 2011, 56, 683-692.	3.0	79
215	A hybrid harmony search algorithm for the blocking permutation flow shop scheduling problem. <i>Computers and Industrial Engineering</i> , 2011, 61, 76-83.	6.3	125
216	A local-best harmony search algorithm with dynamic sub-harmony memories for lot-streaming flow shop scheduling problem. <i>Expert Systems With Applications</i> , 2011, 38, 3252-3259.	7.6	91

#	ARTICLE	IF	CITATIONS
217	Dynamic multi-swarm particle swarm optimizer with harmony search. Expert Systems With Applications, 2011, 38, 3735-3742.	7.6	109
218	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
219	A discrete artificial bee colony algorithm for the lot-streaming flow shop scheduling problem. Information Sciences, 2011, 181, 2455-2468.	6.9	493
220	An effective hybrid discrete differential evolution algorithm for the flow shop scheduling with intermediate buffers. Information Sciences, 2011, 181, 668-685.	6.9	94
221	A discrete artificial bee colony algorithm for the total flowtime minimization in permutation flow shops. Information Sciences, 2011, 181, 3459-3475.	6.9	220
222	A differential evolution algorithm with self-adapting strategy and control parameters. Computers and Operations Research, 2011, 38, 394-408.	4.0	147
223	Differential evolution algorithm with ensemble of parameters and mutation strategies. Applied Soft Computing Journal, 2011, 11, 1679-1696.	7.2	1,156
224	An effective discrete harmony search for solving bi-criteria FJSP. , 2011, , .		3
225	A hybrid algorithm for multi-objective job shop scheduling problem. , 2011, , .		2
226	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
227	A novel hybrid discrete differential evolution algorithm for blocking flow shop scheduling problems. Computers and Operations Research, 2010, 37, 509-520.	4.0	221
228	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
229	A self-adaptive global best harmony search algorithm for continuous optimization problems. Applied Mathematics and Computation, 2010, 216, 830-848.	2.2	346
230	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
231	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
232	A hybrid Pareto-based local search for multi-objective flexible job shop scheduling problem. , 2010, , .		1
233	A local-best harmony search algorithm with dynamic subpopulations. Engineering Optimization, 2010, 42, 101-117.	2.6	75
234	A hybrid particle swarm optimization algorithm for bi-criteria flexible job-shop scheduling problem. , 2010, , .		1

#	ARTICLE	IF	CITATIONS
235	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
236	An ensemble of differential evolution algorithms for constrained function optimization. , 2010, , .		35
237	Solving lot-streaming flow shop scheduling problems using a discrete harmony search algorithm. , 2010, , .		2
238	A Dynamic Multi-swarm Particle Swarm Optimizer for blocking flow shop scheduling. , 2010, , .		4
239	A discrete artificial bee colony algorithm for the permutation flow shop scheduling problem with total flowtime criterion. , 2010, , .		16
240	Tabu search algorithm for solving No-idle permutation Flow Shop Scheduling Problem. , 2010, , .		3
241	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
242	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
243	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
244	Metaheuristics for Common due Date Total Earliness and Tardiness Single Machine Scheduling Problem. Studies in Computational Intelligence, 2009, , 301-340.	0.9	0
245	Discrete/Binary Approach. Studies in Computational Intelligence, 2009, , 139-162.	0.9	0
246	A discrete particle swarm optimization algorithm for the no-wait flowshop scheduling problem. Computers and Operations Research, 2008, 35, 2807-2839.	4.0	365
247	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
248	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
249	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
250	A discrete differential evolution algorithm for the permutation flowshop scheduling problem. Computers and Industrial Engineering, 2008, 55, 795-816.	6.3	253
251	Upper bounds on Taillard's benchmark suite for the no-wait flowshop scheduling problem with makespan criterion. , 2008, , .		1
252	A novel differential evolution algorithm for no-idle permutation flow-shop scheduling problems. European Journal of Industrial Engineering, 2008, 2, 279.	0.8	58

#	ARTICLE	IF	CITATIONS
253	A Discrete Differential Evolution Algorithm for the Total Earliness and Tardiness Penalties with a Common Due Date on a Single-Machine. , 2007, , .		22
254	A genetic algorithm for the generalized traveling salesman problem. , 2007, , .		14
255	A Discrete Differential Evolution Algorithm for the No-Wait Flowshop Scheduling Problem with Total Flowtime Criterion. , 2007, , .		35
256	A Discrete Particle Swarm Optimization Algorithm for the Permutation Flowshop Sequencing Problem with Makespan Criterion. , 2007, , 19-31.		16
257	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