List of Publications by Year
in descending order

36	1,988	430874	454955
36	**1,988**	**18**	**30**
papers	citations	h-index	g-index
36	**36**	**36**	**1014**
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Automated Design of Production Scheduling Heuristics: A Review. IEEE Transactions on Evolutionary Computation, 2016, 20, 110-124.	10.0	316
2	Automatic Design of Scheduling Policies for Dynamic Multi-objective Job Shop Scheduling via Cooperative Coevolution Genetic Programming. IEEE Transactions on Evolutionary Computation, 2014, 18, 193-208.	10.0	202
3	Genetic programming for production scheduling: a survey with a unified framework. Complex & Intelligent Systems, 2017, 3, 41-66.	6.5	183
4	A Computational Study of Representations in Genetic Programming to Evolve Dispatching Rules for the Job Shop Scheduling Problem. IEEE Transactions on Evolutionary Computation, 2013, 17, 621-639.	10.0	180
5	Automatic Programming via Iterated Local Search for Dynamic Job Shop Scheduling. IEEE Transactions on Cybernetics, 2015, 45, 1-14.	9.5	148
6	Evolving Scheduling Heuristics via Genetic Programming With Feature Selection in Dynamic Flexible Job-Shop Scheduling. IEEE Transactions on Cybernetics, 2021, 51, 1797-1811.	9.5	120
7	Surrogate-Assisted Evolutionary Multitask Genetic Programming for Dynamic Flexible Job Shop Scheduling. IEEE Transactions on Evolutionary Computation, 2021, 25, 651-665.	10.0	99
8	Surrogate-Assisted Genetic Programming With Simplified Models for Automated Design of Dispatching Rules. IEEE Transactions on Cybernetics, 2017, 47, 2951-2965.	9.5	93
9	An Efficient Feature Selection Algorithm for Evolving Job Shop Scheduling Rules With Genetic Programming. IEEE Transactions on Emerging Topics in Computational Intelligence, 2017, 1, 339-353.	4.9	73
10	Learning iterative dispatching rules for job shop scheduling with genetic programming. International Journal of Advanced Manufacturing Technology, 2013, 67, 85-100.	3.0	54
11	A Hybrid Genetic Programming Algorithm for Automated Design of Dispatching Rules. Evolutionary Computation, 2019, 27, 467-496.	3.0	50
12	Dynamic Multi-objective Job Shop Scheduling: A Genetic Programming Approach. Studies in Computational Intelligence, 2013, , 251-282.	0.9	44
13	Correlation Coefficient-Based Recombinative Guidance for Genetic Programming Hyperheuristics in Dynamic Flexible Job Shop Scheduling. IEEE Transactions on Evolutionary Computation, 2021, 25, 552-566.	10.0	43
14	Hybrid evolutionary computation methods for quay crane scheduling problems. Computers and Operations Research, 2013, 40, 2083-2093.	4.0	40
15	Investigation on particle swarm optimisation for feature selection on high-dimensional data: local search and selection bias. Connection Science, 2016, 28, 270-294.	3.0	35
16	Genetic Programming for Evolving Due-Date Assignment Models in Job Shop Environments. Evolutionary Computation, 2014, 22, 105-138.	3.0	32
17	Collaborative Multifidelity-Based Surrogate Models for Genetic Programming in Dynamic Flexible Job Shop Scheduling. IEEE Transactions on Cybernetics, 2022, 52, 8142-8156.	9.5	27
18	A hybrid differential evolution algorithm with column generation for resource constrained job scheduling. Computers and Operations Research, 2019, 109, 273-287.	4.0	24

#	Article	IF	Citations
19	A preliminary approach to evolutionary multitasking for dynamic flexible job shop scheduling via genetic programming. , 2020, , .		21
20	People-Centric Evolutionary System for Dynamic Production Scheduling. IEEE Transactions on Cybernetics, 2021, 51, 1403-1416.	9.5	19
21	Evolving Time-Invariant Dispatching Rules in Job Shop Scheduling with Genetic Programming. Lecture Notes in Computer Science, 2017, , 147-163.	1.3	18
22	Visualizing the Evolution of Computer Programs for Genetic Programming [Research Frontier]. IEEE Computational Intelligence Magazine, 2018, 13, 77-94.	3.2	18
23	Genetic programming for order acceptance and scheduling. , 2013, , .		17
24	Guided Subtree Selection for Genetic Operators in Genetic Programming for Dynamic Flexible Job Shop Scheduling. Lecture Notes in Computer Science, 2020, , 262-278.	1.3	17
25	Constrained Dimensionally Aware Genetic Programming for Evolving Interpretable Dispatching Rules in Dynamic Job Shop Scheduling. Lecture Notes in Computer Science, 2017, , 435-447.	1.3	16
26	Genetic Programming with Adaptive Search Based on the Frequency of Features for Dynamic Flexible Job Shop Scheduling. Lecture Notes in Computer Science, 2020, , 214-230.	1.3	15
27	A coevolution genetic programming method to evolve scheduling policies for dynamic multi-objective job shop scheduling problems. , 2012, , .		14
28	Selection Schemes in Surrogate-Assisted Genetic Programming for Job Shop Scheduling. Lecture Notes in Computer Science, 2014, , 656-667.	1.3	14
29	Evolutionary Multitask Optimisation for Dynamic Job Shop Scheduling Using Niched Genetic Programming. Lecture Notes in Computer Science, 2018, , 739-751.	1.3	14
30	Surrogate-assisted population based ACO for resource constrained job scheduling with uncertainty. Swarm and Evolutionary Computation, 2022, 69, 101029.	8.1	10
31	Investigating a Machine Breakdown Genetic Programming Approach for Dynamic Job Shop Scheduling. Lecture Notes in Computer Science, 2018, , 253-270.	1.3	9
32	Automated Design of Multipass Heuristics for Resource-Constrained Job Scheduling With Self-Competitive Genetic Programming. IEEE Transactions on Cybernetics, 2022, 52, 8603-8616.	9.5	7
33	Adaptive charting genetic programming for dynamic flexible job shop scheduling. , 2018, , .		5
34	Genetic programming approach to learning multi-pass heuristics for resource constrained job scheduling. , 2018, , .		4
35	A Genetic Programming Approach for Evolving Variable Selectors in Constraint Programming. IEEE Transactions on Evolutionary Computation, 2021, 25, 492-507.	10.0	4
36	Evolving Large Reusable Multi-pass Heuristics for Resource Constrained Job Scheduling. , 2020, , .		3