Qianwang Deng

List of Publications by Year
in descending order

42 papers	1,378 citations	279487 23 h-index	344852 36 g-index
42 all docs	42 docs citations	42 times ranked	738 citing authors

#	Article	IF	Citations
1	An effective algorithm for flexible assembly job‑shop scheduling with tight job constraints. International Transactions in Operational Research, 2022, 29, 496-525.	1.8	11
2	Integrated scheduling of distributed service resources for complex equipment considering multiple on-site MRO tasks. International Journal of Production Research, 2022, 60, 3219-3236.	4.9	6
3	Research on vehicle carrying efficiency of three-lane expressway based on DEA method. Transportation Letters, 2022, 14, 838-848.	1.8	2
4	Unsupervised domain-share CNN for machine fault transfer diagnosis from steady speeds to time-varying speeds. Journal of Manufacturing Systems, 2022, 62, 186-198.	7.6	147
5	Joint optimization of demand-side operational utility and manufacture-side energy consumption in a distributed parallel machine environment. Computers and Industrial Engineering, 2022, 164, 107863.	3.4	13
6	Parallel service mode of production and inventory for spare part inventory optimization. Knowledge-Based Systems, 2022, 241, 108282.	4.0	5
7	Collaborative scheduling of spare parts production and service workers driven by distributed maintenance demand. Journal of Manufacturing Systems, 2022, 64, 261-274.	7.6	13
8	A distributed flexible job shop scheduling problem considering worker arrangement using an improved memetic algorithm. Expert Systems With Applications, 2022, 207, 117984.	4.4	21
9	Multi-objective evolutionary algorithms with heuristic decoding for hybrid flow shop scheduling problem with worker constraint. Expert Systems With Applications, 2021, 168, 114282.	4.4	30
10	An effective MCTS-based algorithm for minimizing makespan in dynamic flexible job shop scheduling problem. Computers and Industrial Engineering, 2021, 155, 107211.	3.4	39
11	Evaluating the interactions of multi-dimensional value for sustainable product-service system with grey DEMATEL-ANP approach. Journal of Manufacturing Systems, 2021, 60, 449-458.	7.6	31
12	A combinatorial evolutionary algorithm for unrelated parallel machine scheduling problem with sequence and machine-dependent setup times, limited worker resources and learning effect. Expert Systems With Applications, 2021, 175, 114843.	4.4	23
13	Energy-efficient production scheduling through machine on/off control during preventive maintenance. Engineering Applications of Artificial Intelligence, 2021, 104, 104359.	4.3	22
14	Service-oriented collaboration framework based on cloud platform and critical factors identification. Journal of Manufacturing Systems, 2021, 61, 183-195.	7.6	9
15	A non-dominated ensemble fitness ranking algorithm for multi-objective flexible job-shop scheduling problem considering worker flexibility and green factors. Knowledge-Based Systems, 2021, 231, 107430.	4.0	36
16	Optimal production decisions for remanufacturing end-of-life products under quality uncertainty and a carbon cap-and-trade policy. Computers and Industrial Engineering, 2021, 162, 107646.	3.4	28
17	A hybrid artificial bee colony algorithm for flexible job shop scheduling with worker flexibility. International Journal of Production Research, 2020, 58, 4406-4420.	4.9	62
18	Remanufacturing-oriented process planning and scheduling: mathematical modelling and evolutionary optimisation. International Journal of Production Research, 2020, 58, 3781-3799.	4.9	27

#	Article	IF	Citations
19	Energy-efficient flexible flow shop scheduling with worker flexibility. Expert Systems With Applications, 2020, 141, 112902.	4.4	90
20	A new unrelated parallel machine scheduling problem with tool changes to minimise the total energy consumption. International Journal of Production Research, 2020, 58, 6826-6845.	4.9	24
21	A memetic algorithm for multi-objective distributed production scheduling: minimizing the makespan and total energy consumption. Journal of Intelligent Manufacturing, 2020, 31, 1443-1466.	4.4	35
22	An efficient memetic algorithm for distributed flexible job shop scheduling problem with transfers. Expert Systems With Applications, 2020, 160, 113721.	4.4	73
23	Low carbon flexible job shop scheduling problem considering worker learning using a memetic algorithm. Optimization and Engineering, 2020, 21, 1691-1716.	1.3	27
24	An effective memetic algorithm for multi-objective job-shop scheduling. Knowledge-Based Systems, 2019, 182, 104840.	4.0	56
25	Variation propagation modeling and analysis of automotive body outer cover panels assembly systems. Assembly Automation, 2019, 39, 272-286.	1.0	1
26	A non-probabilistic model of carbon footprints in remanufacture under multiple uncertainties. Journal of Cleaner Production, 2019, 211, 1127-1140.	4.6	27
27	Optimal remanufacture-up-to strategy with uncertainties in acquisition quality, quantity, and market demand. Journal of Cleaner Production, 2019, 206, 987-1003.	4.6	38
28	An environmental benefits and costs assessment model for remanufacturing process under quality uncertainty. Journal of Cleaner Production, 2018, 178, 45-58.	4.6	67
29	Optimal acquisition and remanufacturing policies considering the effect of quality uncertainty on carbon emissions. Journal of Cleaner Production, 2018, 186, 180-190.	4.6	28
30	A memetic algorithm for multi-objective flexible job-shop problem with worker flexibility. International Journal of Production Research, 2018, 56, 2506-2522.	4.9	66
31	A new double flexible job-shop scheduling problem integrating processing time, green production, and human factor indicators. Journal of Cleaner Production, 2018, 174, 560-576.	4.6	104
32	A carbon-constrained EOQ model with uncertain demand for remanufactured products. Journal of Cleaner Production, 2018, 199, 334-347.	4.6	52
33	EES-EOQ model with uncertain acquisition quantity and market demand in dedicated or combined remanufacturing systems. Applied Mathematical Modelling, 2018, 64, 135-167.	2.2	35
34	A Bee Evolutionary Algorithm for Multiobjective Vehicle Routing Problem with Simultaneous Pickup and Delivery. Mathematical Problems in Engineering, 2018, 2018, 1-21.	0.6	10
35	Analysis of End-of-Life Vehicle Recycling Based on Theory of Planned Behavior. Environmental Engineering Science, 2017, 34, 627-637.	0.8	3
36	A Bee Evolutionary Guiding Nondominated Sorting Genetic Algorithm II for Multiobjective Flexible Job-Shop Scheduling. Computational Intelligence and Neuroscience, 2017, 2017, 1-20.	1.1	34

#	Article	IF	Citations
37	Optimal Acquisition and Production Policy for End-of-Life Engineering Machinery Recovering in a Joint Manufacturing/Remanufacturing System under Uncertainties in Procurement and Demand. Sustainability, 2017, 9, 338.	1.6	23
38	Identifying Critical Factors in the Eco-Efficiency of Remanufacturing Based on the Fuzzy DEMATEL Method. Sustainability, 2015, 7, 15527-15547.	1.6	54
39	An Expert System for Crane Working Condition Selection. Lecture Notes in Electrical Engineering, 2012, , 191-195.	0.3	1
40	Task Difficulty Balancing Analysis in Assembly Line Balancing. Advanced Science Letters, 2012, 5, 745-748.	0.2	2
41	Simulation planning of robot welding line. , 2011, , .		0
42	Mapping Knowledge in Product Development through Process Modelling. Journal of Information and Knowledge Management, 2006, 05, 233-242.	0.8	3