

Qianwang Deng

List of Publications by Year in descending order

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Version: 2024-02-01

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	Unsupervised domain-share CNN for machine fault transfer diagnosis from steady speeds to time-varying speeds. <i>Journal of Manufacturing Systems</i> , 2022, 62, 186-198.	7.6	147
2	A new double flexible job-shop scheduling problem integrating processing time, green production, and human factor indicators. <i>Journal of Cleaner Production</i> , 2018, 174, 560-576.	4.6	104
3	Energy-efficient flexible flow shop scheduling with worker flexibility. <i>Expert Systems With Applications</i> , 2020, 141, 112902.	4.4	90
4	An efficient memetic algorithm for distributed flexible job shop scheduling problem with transfers. <i>Expert Systems With Applications</i> , 2020, 160, 113721.	4.4	73
5	An environmental benefits and costs assessment model for remanufacturing process under quality uncertainty. <i>Journal of Cleaner Production</i> , 2018, 178, 45-58.	4.6	67
6	A memetic algorithm for multi-objective flexible job-shop problem with worker flexibility. <i>International Journal of Production Research</i> , 2018, 56, 2506-2522.	4.9	66
7	A hybrid artificial bee colony algorithm for flexible job shop scheduling with worker flexibility. <i>International Journal of Production Research</i> , 2020, 58, 4406-4420.	4.9	62
8	An effective memetic algorithm for multi-objective job-shop scheduling. <i>Knowledge-Based Systems</i> , 2019, 182, 104840.	4.0	56
9	Identifying Critical Factors in the Eco-Efficiency of Remanufacturing Based on the Fuzzy DEMATEL Method. <i>Sustainability</i> , 2015, 7, 15527-15547.	1.6	54
10	A carbon-constrained EOQ model with uncertain demand for remanufactured products. <i>Journal of Cleaner Production</i> , 2018, 199, 334-347.	4.6	52
11	An effective MCTS-based algorithm for minimizing makespan in dynamic flexible job shop scheduling problem. <i>Computers and Industrial Engineering</i> , 2021, 155, 107211.	3.4	39
12	Optimal remanufacture-up-to strategy with uncertainties in acquisition quality, quantity, and market demand. <i>Journal of Cleaner Production</i> , 2019, 206, 987-1003.	4.6	38
13	A non-dominated ensemble fitness ranking algorithm for multi-objective flexible job-shop scheduling problem considering worker flexibility and green factors. <i>Knowledge-Based Systems</i> , 2021, 231, 107430.	4.0	36
14	EES-EOQ model with uncertain acquisition quantity and market demand in dedicated or combined remanufacturing systems. <i>Applied Mathematical Modelling</i> , 2018, 64, 135-167.	2.2	35
15	A memetic algorithm for multi-objective distributed production scheduling: minimizing the makespan and total energy consumption. <i>Journal of Intelligent Manufacturing</i> , 2020, 31, 1443-1466.	4.4	35
16	A Bee Evolutionary Guiding Nondominated Sorting Genetic Algorithm II for Multiobjective Flexible Job-Shop Scheduling. <i>Computational Intelligence and Neuroscience</i> , 2017, 2017, 1-20.	1.1	34
17	Evaluating the interactions of multi-dimensional value for sustainable product-service system with grey DEMATEL-ANP approach. <i>Journal of Manufacturing Systems</i> , 2021, 60, 449-458.	7.6	31
18	Multi-objective evolutionary algorithms with heuristic decoding for hybrid flow shop scheduling problem with worker constraint. <i>Expert Systems With Applications</i> , 2021, 168, 114282.	4.4	30

#	ARTICLE	IF	CITATIONS
19	Optimal acquisition and remanufacturing policies considering the effect of quality uncertainty on carbon emissions. <i>Journal of Cleaner Production</i> , 2018, 186, 180-190.	4.6	28
20	Optimal production decisions for remanufacturing end-of-life products under quality uncertainty and a carbon cap-and-trade policy. <i>Computers and Industrial Engineering</i> , 2021, 162, 107646.	3.4	28
21	A non-probabilistic model of carbon footprints in remanufacture under multiple uncertainties. <i>Journal of Cleaner Production</i> , 2019, 211, 1127-1140.	4.6	27
22	Remanufacturing-oriented process planning and scheduling: mathematical modelling and evolutionary optimisation. <i>International Journal of Production Research</i> , 2020, 58, 3781-3799.	4.9	27
23	Low carbon flexible job shop scheduling problem considering worker learning using a memetic algorithm. <i>Optimization and Engineering</i> , 2020, 21, 1691-1716.	1.3	27
24	A new unrelated parallel machine scheduling problem with tool changes to minimise the total energy consumption. <i>International Journal of Production Research</i> , 2020, 58, 6826-6845.	4.9	24
25	Optimal Acquisition and Production Policy for End-of-Life Engineering Machinery Recovering in a Joint Manufacturing/Remanufacturing System under Uncertainties in Procurement and Demand. <i>Sustainability</i> , 2017, 9, 338.	1.6	23
26	A combinatorial evolutionary algorithm for unrelated parallel machine scheduling problem with sequence and machine-dependent setup times, limited worker resources and learning effect. <i>Expert Systems With Applications</i> , 2021, 175, 114843.	4.4	23
27	Energy-efficient production scheduling through machine on/off control during preventive maintenance. <i>Engineering Applications of Artificial Intelligence</i> , 2021, 104, 104359.	4.3	22
28	A distributed flexible job shop scheduling problem considering worker arrangement using an improved memetic algorithm. <i>Expert Systems With Applications</i> , 2022, 207, 117984.	4.4	21
29	Joint optimization of demand-side operational utility and manufacture-side energy consumption in a distributed parallel machine environment. <i>Computers and Industrial Engineering</i> , 2022, 164, 107863.	3.4	13
30	Collaborative scheduling of spare parts production and service workers driven by distributed maintenance demand. <i>Journal of Manufacturing Systems</i> , 2022, 64, 261-274.	7.6	13
31	An effective algorithm for flexible assembly job shop scheduling with tight job constraints. <i>International Transactions in Operational Research</i> , 2022, 29, 496-525.	1.8	11
32	A Bee Evolutionary Algorithm for Multiobjective Vehicle Routing Problem with Simultaneous Pickup and Delivery. <i>Mathematical Problems in Engineering</i> , 2018, 2018, 1-21.	0.6	10
33	Service-oriented collaboration framework based on cloud platform and critical factors identification. <i>Journal of Manufacturing Systems</i> , 2021, 61, 183-195.	7.6	9
34	Integrated scheduling of distributed service resources for complex equipment considering multiple on-site MRO tasks. <i>International Journal of Production Research</i> , 2022, 60, 3219-3236.	4.9	6
35	Parallel service mode of production and inventory for spare part inventory optimization. <i>Knowledge-Based Systems</i> , 2022, 241, 108282.	4.0	5
36	Mapping Knowledge in Product Development through Process Modelling. <i>Journal of Information and Knowledge Management</i> , 2006, 05, 233-242.	0.8	3

#	ARTICLE	IF	CITATIONS
37	Analysis of End-of-Life Vehicle Recycling Based on Theory of Planned Behavior. Environmental Engineering Science, 2017, 34, 627-637.	0.8	3
38	Research on vehicle carrying efficiency of three-lane expressway based on DEA method. Transportation Letters, 2022, 14, 838-848.	1.8	2
39	Task Difficulty Balancing Analysis in Assembly Line Balancing. Advanced Science Letters, 2012, 5, 745-748.	0.2	2
40	Variation propagation modeling and analysis of automotive body outer cover panels assembly systems. Assembly Automation, 2019, 39, 272-286.	1.0	1
41	An Expert System for Crane Working Condition Selection. Lecture Notes in Electrical Engineering, 2012, , 191-195.	0.3	1
42	Simulation planning of robot welding line. , 2011, , .		0