Feifeng Zheng

List of Publications by Year
in descending order

93 papers	1,197 citations	471371 17 h-index	454834 30 g-index
93 all docs	93 docs citations	93 times ranked	815 citing authors

#	Article	IF	Citations
1	Forecasting urban traffic flow by SVR with continuous ACO. Applied Mathematical Modelling, 2011, 35, 1282-1291.	2.2	134
2	Hybrid evolutionary algorithms in a SVR traffic flow forecasting model. Applied Mathematics and Computation, 2011, 217, 6733-6747.	1.4	95
3	Robust scheduling of a two-stage hybrid flow shop with uncertain interval processing times. International Journal of Production Research, 2016, 54, 3706-3717.	4.9	49
4	A new distribution-free model for disassembly line balancing problem with stochastic task processing times. International Journal of Production Research, 2018, 56, 7341-7353.	4.9	49
5	Multitasking scheduling problems with a rate-modifying activity. International Journal of Production Research, 2017, 55, 296-312.	4.9	47
6	A two-stage stochastic programming for single yard crane scheduling with uncertain release times of retrieval tasks. International Journal of Production Research, 2019, 57, 4132-4147.	4.9	39
7	A new robust dynamic Bayesian network approach for disruption risk assessment under the supply chain ripple effect. International Journal of Production Research, 2021, 59, 265-285.	4.9	39
8	Algorithms for the joint multitasking scheduling and common due date assignment problem. International Journal of Production Research, 2017, 55, 6052-6066.	4.9	33
9	Optimal algorithms for online time series search and one-way trading with interrelated prices. Journal of Combinatorial Optimization, 2012, 23, 159-166.	0.8	31
10	Two Yard Crane Scheduling With Dynamic Processing Time and Interference. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 3775-3784.	4.7	28
11	Integrated berth allocation and quay crane assignment with maintenance activities. International Journal of Production Research, 2019, 57, 3478-3503.	4.9	27
12	Semi-online scheduling on 2 machines under a grade ofÂservice provision with bounded processing times. Journal of Combinatorial Optimization, 2011, 21, 138-149.	0.8	25
13	A Bi-Objective Optimization for Integrated Berth Allocation and Quay Crane Assignment With Preventive Maintenance Activities. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 2938-2955.	4.7	24
14	Service-oriented robust parallel machine scheduling. International Journal of Production Research, 2019, 57, 3814-3830.	4.9	23
15	Heuristic algorithms for truck scheduling of cross-docking operations in cold-chain logistics. International Journal of Production Research, 2021, 59, 6579-6600.	4.9	23
16	Online interval scheduling: randomizedÂandÂmultiprocessorÂcases. Journal of Combinatorial Optimization, 2008, 16, 248-262.	0.8	21
17	Scheduling multiple yard cranes in two adjacent container blocks with position-dependent processing times. Computers and Industrial Engineering, 2019, 136, 355-365.	3.4	20
18	Eco-friendly multi-skilled worker assignment and assembly line balancing problem. Computers and Industrial Engineering, 2021, 151, 106944.	3.4	20

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19	Online scheduling of ordered flow shops. European Journal of Operational Research, 2019, 272, 50-60.	3.5	19
20	Robust disassembly line balancing with ambiguous task processing times. International Journal of Production Research, 2020, 58, 5806-5835.	4.9	19
21	A multi-objective distribution-free model and method for stochastic disassembly line balancing problem. International Journal of Production Research, 2020, 58, 5721-5737.	4.9	18
22	Parallel machine scheduling with stochastic release times and processing times. International Journal of Production Research, 2021, 59, 6327-6346.	4.9	18
23	Stochastic Drone Fleet Deployment and Planning Problem Considering Multiple-Type Delivery Service. Sustainability, 2019, 11, 3871.	1.6	17
24	Scheduling small number of quay cranes with non-interference constraint. Optimization Letters, 2015, 9, 403-412.	0.9	16
25	A green-oriented bi-objective disassembly line balancing problem with stochastic task processing times. Annals of Operations Research, 2021, 296, 71-93.	2.6	16
26	Distributionally robust inventory routing problem to maximize the service level under limited budget. Transportation Research, Part E: Logistics and Transportation Review, 2019, 126, 190-211.	3.7	15
27	Integrated stochastic disassembly line balancing and planning problem with machine specificity. International Journal of Production Research, 2022, 60, 1688-1708.	4.9	15
28	An optimal online algorithm for single machine scheduling with bounded delivery times. European Journal of Operational Research, 2010, 201, 693-700.	3.5	14
29	An FPTAS for uniform machine scheduling to minimize makespan with linear deterioration. Journal of Combinatorial Optimization, 2012, 23, 483-492.	0.8	14
30	Online algorithms for the general k-search problem. Information Processing Letters, 2011, 111, 678-682.	0.4	13
31	Online interval scheduling on a single machine with finite lookahead. Computers and Operations Research, 2013, 40, 180-191.	2.4	13
32	How much can lookahead help in online single machine scheduling. Information Processing Letters, 2008, 106, 70-74.	0.4	12
33	Improved Randomized Online Scheduling of Intervals and Jobs. Theory of Computing Systems, 2014, 55, 202-228.	0.7	12
34	Distributionally robust and risk-averse optimisation for the stochastic multi-product disassembly line balancing problem with workforce assignment. International Journal of Production Research, 2022, 60, 1973-1991.	4.9	12
35	Improved on-line broadcast scheduling with deadlines. Journal of Scheduling, 2008, 11, 299-308.	1.3	11
36	Integrated Berth Allocation and Time-Variant Quay Crane Scheduling with Tidal Impact in Approach Channel. Discrete Dynamics in Nature and Society, 2018, 2018, 1-19.	0.5	11

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37	Profit-oriented distributionally robust chance constrained flowshop scheduling considering credit risk. International Journal of Production Research, 2020, 58, 2527-2549.	4.9	11
38	Single machine lot scheduling to minimize the total weighted (discounted) completion time. Information Processing Letters, 2019, 142, 46-51.	0.4	10
39	Liner ship bunkering and sailing speed planning with uncertain demand. Computational and Applied Mathematics, 2020, 39, 1.	1.0	10
40	An exact method for disassembly line balancing problem with limited distributional information. International Journal of Production Research, 2021, 59, 665-682.	4.9	10
41	Stochastic Airline Fleet Assignment With Risk Aversion. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 3081-3090.	4.7	9
42	Bi-objective optimization for a two-depot automated storage/retrieval system. Annals of Operations Research, 2021, 296, 243-262.	2.6	9
43	Single-machine scheduling with past-sequence-dependent delivery times and release times. Information Processing Letters, 2012, 112, 835-838.	0.4	8
44	Online algorithms for the multiple time series search problem. Computers and Operations Research, 2012, 39, 929-938.	2.4	8
45	Dynamic programming algorithms for the general quay crane double-cycling problem with internal-reshuffles. Journal of Combinatorial Optimization, 2020, 39, 708-724.	0.8	8
46	Towards robustness of response times: minimising the maximum inter-completion time on parallel machines. International Journal of Production Research, 2019, 57, 182-199.	4.9	7
47	Online deadline scheduling with preemption penalties. Computers and Industrial Engineering, 2011, 60, 542-549.	3.4	6
48	Bi-objective Optimization of Multiple-route Job Shop Scheduling with Route Cost. IFAC-PapersOnLine, 2019, 52, 881-886.	0.5	6
49	Service-oriented bi-objective robust collection-disassembly problem with equipment selection. International Journal of Production Research, 2021, 59, 1676-1690.	4.9	6
50	A tight lower bound for job scheduling with cancellation. Information Processing Letters, 2006, 97, 1-3.	0.4	5
51	An optimal online algorithm for two-machine open shop preemptive scheduling with bounded processing times. Optimization Letters, 2010, 4, 227-237.	0.9	5
52	Competitive strategies for an online generalized assignment problem with a service consecution constraint. European Journal of Operational Research, 2013, 229, 59-66.	3.5	5
53	NF-based algorithms for online bin packing with buffer and bounded item size. Journal of Combinatorial Optimization, 2015, 30, 360-369.	0.8	5
54	A new strongly competitive group testing algorithm with small sequentiality. Annals of Operations Research, 2015, 229, 265-286.	2.6	5

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55	Online MapReduce processing on two identical parallel machines. Journal of Combinatorial Optimization, 2018, 35, 216-223.	0.8	5
56	A Two-stage Stochastic Programming Approach for Aircraft Landing Problem. , 2018, , .		5
57	Bi-objective Flexible Job Shop Scheduling with Operation Overlapping Costs. IFAC-PapersOnLine, 2019, 52, 893-898.	0.5	5
58	Online integrated production–distribution scheduling problems without preemption. Journal of Combinatorial Optimization, 2016, 31, 1569-1585.	0.8	4
59	Stowage Planning in Multiple Ports with Shifting Fee Minimization. Scientific Programming, 2018, 2018, 1-9.	0.5	4
60	Quay crane scheduling problem with the consideration of maintenance. , 2018, , .		4
61	A Bi-objective Model for Dual-resource Constrained Job Shop Scheduling with the Consideration of Energy Consumption. , 2019, , .		4
62	Two parallel identical machines scheduling to minimise the maximum inter-completion time. International Journal of Production Research, 2020, 58, 6811-6825.	4.9	4
63	Competitive algorithm for scheduling of sharing machines with rental discount. Journal of Combinatorial Optimization, 2022, 44, 414-434.	0.8	4
64	ON-DEMAND BOUNDED BROADCAST SCHEDULING WITH TIGHT DEADLINES. International Journal of Foundations of Computer Science, 2007, 18, 251-262.	0.8	3
65	Approximation algorithm for uniform quay crane scheduling at container ports. Discrete Mathematics, Algorithms and Applications, 2016, 08, 1650018.	0.4	3
66	Online Two Stage k-Search Problem and Its Competitive Analysis. International Journal of Foundations of Computer Science, 2016, 27, 653-663.	0.8	3
67	K-adaptability in robust container vessel sequencing problem with week-dependent demands of a service route. International Journal of Production Research, 2022, 60, 2787-2801.	4.9	3
68	Distributionally Robust Joint Chance Constrained Vessel Fleet Deployment Problem. Asia-Pacific Journal of Operational Research, 2022, 39, .	0.9	3
69	Competitive analysis for make-to-order scheduling with reliable lead time quotation. Journal of Combinatorial Optimization, 2014, 27, 182-198.	0.8	2
70	Heuristics for cross-docking scheduling of truck arrivals, truck departures and shop-floor operations. Journal of Combinatorial Optimization, 2022, 43, 1571-1601.	0.8	2
71	Location-Routing Optimization When Renting Social Vehicles in a Two-Stage E-Waste Recycling Network. Sustainability, 2021, 13, 11879.	1.6	2
72	Optimal Semi-Online Algorithm for Scheduling on Two Parallel Batch Processing Machines. Asia-Pacific Journal of Operational Research, 2014, 31, 1450038.	0.9	1

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73	Online scheduling with immediate and reliable lead-time quotation. Journal of Scheduling, 2014, 17, 225-236.	1.3	1
74	A new randomized algorithm for group testing with unknown number of defective items. Journal of Combinatorial Optimization, 2015, 30, 150-159.	0.8	1
75	An integer programming model for the single container loading problem with axle weight constraints. , 2017, , .		1
76	New Results on Multitasking via Alternate Period Processing. , 2018, , .		1
77	Uniform parallel-machine scheduling to minimize the number of tardy jobs in the MapReduce system. , 2019, , .		1
78	Distributionally robust joint chance constrained vessel fleet deployment problem. , 2019, , .		1
79	Single Machine Scheduling Considering Time Value of Money. IFAC-PapersOnLine, 2019, 52, 887-892.	0.5	1
80	Efficient algorithms for computing one or two discrete centers hitting a set of line segments. Journal of Combinatorial Optimization, 2019, 37, 1408-1423.	0.8	1
81	Parallel Machine Scheduling with Due Date-to-Deadline Window, Order Sharing and Time Value of Money. Asia-Pacific Journal of Operational Research, 0, , 2150024.	0.9	1
82	Overnight Charging Scheduling of Battery Electric Bus Considering Peak-to-valley Electricity Prices. , 2021, , .		1
83	Competitive analysis of online machine rental and online parallel machine scheduling problems with workload fence. Journal of Combinatorial Optimization, 2022, 44, 1060-1076.	0.8	1
84	Online Parallel Machine Scheduling to Maximize the Number of Early Jobs. Mathematical Problems in Engineering, 2012, 2012, 1-7.	0.6	0
85	K-Adaptability in Robust Container Vessel Sequencing Problem in a Route with Fluctuating Demand. , 2019, , .		0
86	Yard Crane Scheduling with Real-time Reshuffle. , 2019, , .		0
87	Lot-sizing and Scheduling with Machine-sharing in Clothing Industry. , 2019, , .		0
88	Multitasking Scheduling with Part Jobs Interrupted Assignment. , 2019, , .		0
89	A Two-Phase Greedy Heuristic for Cross-dock Scheduling of Truck Arrivals, Truck Departures and Shop-floor Operations. , 2019, , .		0
90	The Planning of Automated Truck Dedicated Lanes Considering the Traffic Flow Equilibrium. , 2019, , .		0

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91	Personalized Garment Customization With Multitasking and Distinct Learning Effects. , 2019, , .		0
92	Approximation Algorithms for Multitasking Scheduling Problems. IEEE Access, 2020, 8, 127530-127534.	2.6	0
93	Heuristic Algorithms for MapReduce Scheduling Problem with Open-Map Task and Series-Reduce Tasks. Scientific Programming, 2020, 2020, 1-10.	0.5	0