Feng Chu

List of Publications by Year in Descending Order

158 papers	3,286 citations	31 h-index	51 g-index
186 ext. papers	4,056 ext. citations	5.2 avg, IF	5.79 L-index

#	Paper	IF	Citations
158	Joint optimization of lot-sizing and pricing with backlogging. *Computers and Industrial Engineering*, **2022**, 167, 107979	6.4	1
157	A Decomposition-Based Heuristic Method for Inventory Routing Problem. *IEEE Transactions on Intelligent Transportation Systems*, **2022**, 1-9	6.1	1
156	A green-oriented bi-objective disassembly line balancing problem with stochastic task processing times. *Annals of Operations Research*, **2021**, 296, 71-93	3.2	5
155	. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 22, 1014-1025	6.1	7
154	Service-oriented bi-objective robust collection-disassembly problem with equipment selection. *International Journal of Production Research*, **2021**, 59, 1676-1690	7.8	3
153	Service-oriented robust worker scheduling with motivation effects. *International Journal of Production Research*, **2021**, 59, 2328-2351	7.8	4
152	Bi-objective optimization for a two-depot automated storage/retrieval system. *Annals of Operations Research*, **2021**, 296, 243-262	3.2	6
151	A combinatorial Benders decomposition algorithm for parallel machine scheduling with working-time restrictions. *European Journal of Operational Research*, **2021**, 291, 128-146	5.6	4
150	Two-stage matching-and-scheduling algorithm for real-time private parking-sharing programs. *Computers and Operations Research*, **2021**, 125, 105083	4.6	9
149	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	7.8	17
148	Eco-friendly multi-skilled worker assignment and assembly line balancing problem. *Computers and Industrial Engineering*, **2021**, 151, 106944	6.4	8
147	Crowdsource-enabled integrated production and transportation scheduling for smart city logistics. *International Journal of Production Research*, **2021**, 59, 2157-2176	7.8	8
146	Large-scale energy-conscious bi-objective single-machine batch scheduling under time-of-use electricity tariffs via effective iterative heuristics. *Annals of Operations Research*, **2021**, 296, 471-494	3.2	5
145	An exact method for disassembly line balancing problem with limited distributional information. *International Journal of Production Research*, **2021**, 59, 665-682	7.8	2
144	Optimizing Locations and Qualities of Multiple Facilities With Competition via Intelligent Search. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-14	6.1	4
143	Improved model and efficient method for bi-objective closed-loop food supply chain problem with returnable transport items. *International Journal of Production Research*, **2020**, 1-18	7.8	4
142	Approximation approach for robust vessel fleet deployment problem with ambiguous demands. *Journal of Combinatorial Optimization*, **2020**, 1	0.9	4

#	Reference		
141	Liner ship bunkering and sailing speed planning with uncertain demand. *Computational and Applied Mathematics*, **2020**, 39, 1	2.4	1
140	Profit-oriented distributionally robust chance constrained flowshop scheduling considering credit risk. *International Journal of Production Research*, **2020**, 58, 2527-2549	7.8	7
139	Multi-Criteria Single Batch Machine Scheduling Under Time-of-Use Tariffs. *Profiles in Operations Research*, **2020**, 217-237	1	
138	IoT-based location and quality decision-making in emerging shared parking facilities with competition. *Decision Support Systems*, **2020**, 134, 113301	5.6	12
137	The interval min-max regret knapsack packing-delivery problem. *International Journal of Production Research*, **2020**, 1-17	7.8	2
136	Robust (min-max regret) single machine scheduling with interval processing times and total tardiness criterion. *Computers and Industrial Engineering*, **2020**, 149, 106838	6.4	1
135	A Bi-Objective Optimization for Integrated Berth Allocation and Quay Crane Assignment With Preventive Maintenance Activities. *IEEE Transactions on Intelligent Transportation Systems*, **2020**, 1-18	6.1	5
134	A bi-objective decision model and method for the integrated optimization of bus line planning and lane reservation. *Journal of Combinatorial Optimization*, **2020**, 1	0.9	3
133	Energy-oriented bi-objective optimization for the tempered glass scheduling. *Omega*, **2020**, 90, 101995	7.2	13
132	An energy-efficient two-stage hybrid flow shop scheduling problem in a glass production. *International Journal of Production Research*, **2020**, 58, 2283-2314	7.8	27
131	Dual-Objective Optimization for Lane Reservation With Residual Capacity and Budget Constraints. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 2187-2197	7.3	13
130	The multi-plant perishable food production routing with packaging consideration. *International Journal of Production Economics*, **2020**, 221, 107472	9.3	15
129	A multi-objective distribution-free model and method for stochastic disassembly line balancing problem. *International Journal of Production Research*, **2020**, 58, 5721-5737	7.8	6
128	Robust disassembly line balancing with ambiguous task processing times. *International Journal of Production Research*, **2020**, 58, 5806-5835	7.8	9
127	Novel model and kernel search heuristic for multi-period closed-loop food supply chain planning with returnable transport items. *International Journal of Production Research*, **2019**, 57, 7439-7456	7.8	8
126	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	9	7
125	A Combined Average-Case and Worst-Case Analysis for an Integrated Hub Location and Revenue Management Problem. *Discrete Dynamics in Nature and Society*, **2019**, 2019, 1-13	1.1	4
124	An efficient three-level heuristic for the large-scaled multi-product production routing problem with outsourcing. *European Journal of Operational Research*, **2019**, 272, 914-927	5.6	24

123	Service-oriented robust parallel machine scheduling. *International Journal of Production Research*, **2019**, 57, 3814-3830	7.8	11
122	Scheduling multiple yard cranes in two adjacent container blocks with position-dependent processing times. *Computers and Industrial Engineering*, **2019**, 136, 355-365	6.4	9
121	Integrated Production Inventory Routing Planning for Intelligent Food Logistics Systems. *IEEE Transactions on Intelligent Transportation Systems*, **2019**, 20, 867-878	6.1	46
120	Entropy-based bi-objective disassembly line balancing problem **2019**,		1
119	Bi-objective optimization for closed-loop food supply chain involving returnable transport items **2019**,		1
118	A bi-objective model for bus transit network and lane reservation integrated optimization **2019**,		1
117	Distribution-free and Risk-averse Disassembly Line Balancing Problem **2019**,		1
116	An improved model for assembly line worker assignment and balancing problem considering stochastic worker availability **2019**,		1
115	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	7.8	22
114	Stochastic Airline Fleet Assignment With Risk Aversion. *IEEE Transactions on Intelligent Transportation Systems*, **2019**, 20, 3081-3090	6.1	2
113	Scenario-based heuristic to two-stage stochastic program for the parallel machine ScheLoc problem. *International Journal of Production Research*, **2019**, 57, 1706-1723	7.8	12
112	Integrated berth allocation and quay crane assignment with maintenance activities. *International Journal of Production Research*, **2019**, 57, 3478-3503	7.8	12
111	An effective hybrid approach to the two-stage capacitated facility location problem. *European Journal of Operational Research*, **2019**, 275, 467-480	5.6	8
110	Performance evaluation and quota allocation for multiple undesirable outputs based on the uniform frontier. *Journal of the Operational Research Society*, **2019**, 70, 472-486	2	6
109	A new distribution-free model for disassembly line balancing problem with stochastic task processing times. *International Journal of Production Research*, **2018**, 56, 7341-7353	7.8	35
108	Two Yard Crane Scheduling With Dynamic Processing Time and Interference. *IEEE Transactions on Intelligent Transportation Systems*, **2018**, 19, 3775-3784	6.1	17
107	Recent advances and opportunities in sustainable food supply chain: a model-oriented review. *International Journal of Production Research*, **2018**, 56, 5700-5722	7.8	94
106	An Improved Model for Parallel Machine Scheduling Under Time-of-Use Electricity Price. *IEEE Transactions on Automation Science and Engineering*, **2018**, 15, 896-899	4.9	34

105	Quay crane scheduling problem with the consideration of maintenance **2018**,		4
104	Scheduling on a two-machine permutation flow shop under time-of-use electricity tariffs. *International Journal of Production Research*, **2018**, 56, 3173-3187	7.8	24
103	. *IEEE Transactions on Intelligent Transportation Systems*, **2018**, 19, 1140-1151	6.1	27
102	Optimal lane reservation via new optimization model and heuristic algorithm **2018**,		2
101	Distribution-Free Model for Ambulance Location Problem with Ambiguous Demand. *Journal of Advanced Transportation*, **2018**, 2018, 1-12	1.9	1
100	Model and solution for lane reservation problem with optimally grouping tasks **2018**,		1
99	Reentrant Flow Shop Scheduling considering Multiresource Qualification Matching. *Scientific Programming*, **2018**, 2018, 1-8	1.4	0
98	RFID-enabled flexible warehousing. *Decision Support Systems*, **2017**, 98, 99-112	5.6	44
97	Bi-criteria single-machine batch scheduling with machine on/off switching under time-of-use tariffs. *Computers and Industrial Engineering*, **2017**, 112, 721-734	6.4	50
96	An efficient two-phase exact algorithm for the automated truck freight transportation problem. *Computers and Industrial Engineering*, **2017**, 110, 59-66	6.4	18
95	. *IEEE Transactions on Intelligent Transportation Systems*, **2017**, 18, 2028-2043	6.1	25
94	Lagrangean relaxation and hybrid simulated annealing tabu search procedure for a two-echelon capacitated facility location problem with plant size selection. *International Journal of Production Research*, **2017**, 55, 2540-2555	7.8	11
93	Polynomial dynamic programming algorithms for lot sizing models with bounded inventory and stockout and/or backlogging. *Journal of Systems Science and Systems Engineering*, **2016**, 25, 370-397	1.2	3
92	Single-machine past-sequence-dependent setup times scheduling with resource allocation and learning effect. *RAIRO - Operations Research*, **2016**, 50, 733-748	2.2	1
91	Bi-objective optimization of single-machine batch scheduling under time-of-use electricity prices. *RAIRO - Operations Research*, **2016**, 50, 715-732	2.2	16
90	Framework branch-and-price algorithm for yard management problem at container terminals **2016**,		1
89	An improved exact algorithm for single-machine scheduling to minimise the number of tardy jobs with periodic maintenance. *International Journal of Production Research*, **2016**, 54, 3591-3602	7.8	28
88	Single-machine batch scheduling under time-of-use tariffs: New mixed-integer programming approaches **2016**,		7

87	Bi-objective optimization of a single machine batch scheduling problem with energy cost consideration. *Journal of Cleaner Production*, **2016**, 137, 1205-1215	10.3	59
86	Improved Quantum-Inspired Evolutionary Algorithm for Large-Size Lane Reservation. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2015**, 45, 1535-1548	7.3	62
85	Modeling, Analysis, Scheduling, and Control of Cluster Tools in Semiconductor Fabrication **2015**, 289-315		6
84	Recent Advances and Issues in Facility Location Problems **2015**, 817-834		4
83	. *IEEE Transactions on Intelligent Transportation Systems*, **2015**, 16, 1479-1492	6.1	48
82	A polynomial-time heuristic for the quay crane double-cycling problem with internal-reshuffling operations. *Transportation Research, Part E: Logistics and Transportation Review*, **2015**, 81, 52-74	9	21
81	A lagrangean relaxation approach for a two-stage capacitated facility location problem with choice of depot size **2015**,		6
80	A Lagrangean Relaxation Approach for a Two-Stage Capacitated Facility Location Problem with Choice of Facility Size **2015**,		2
79	Mixed-integer Programming for a New Bus-lane Reservation Problem **2015**,		9
78	A new cut-and-solve and cutting plane combined approach for the capacitated lane reservation problem. *Computers and Industrial Engineering*, **2015**, 80, 212-221	6.4	7
77	Carbon Emissions Abatement (CEA) allocation and compensation schemes based on DEA. *Omega*, **2015**, 53, 78-89	7.2	79
76	Lower and upper bounds for a two-stage capacitated facility location problem with handling costs. *European Journal of Operational Research*, **2014**, 236, 957-967	5.6	25
75	Bi-objective optimization for single-machine batch scheduling considering energy cost **2014**,		6
74	**2014**,		7
73	The linear formulation of the ZSG-DEA models with different production technologies. *Journal of the Operational Research Society*, **2014**, 65, 1202-1211	2	8
72	Model and Method for Multiobjective Time-Dependent Hazardous Material Transportation. *Mathematical Problems in Engineering*, **2014**, 2014, 1-11	1.1	7
71	A cut-and-solve-based algorithm for optimal lane reservation with dynamic link travel times. *International Journal of Production Research*, **2014**, 52, 1003-1015	7.8	20
70	An optimal algorithm for automated truck freight transportation via lane reservation strategy. *Transportation Research Part C: Emerging Technologies*, **2013**, 26, 170-183	8.4	30

69	An effective GRASP and tabu search for the 0 1 quadratic knapsack problem. *Computers and Operations Research*, **2013**, 40, 1176-1185	4.6	23
68	Petri Net Modeling and Cycle-Time Analysis of Dual-Arm Cluster Tools With Wafer Revisiting. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2013**, 43, 196-207	7.3	148
67	. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2013**, 43, 1182-1194	7.3	12
66	A new model for lane reservation problem with time-dependent travel times **2013**,		1
65	A polynomial algorithm for a lot-sizing problem with backlogging, outsourcing and limited inventory. *Computers and Industrial Engineering*, **2013**, 64, 200-210	6.4	14
64	Single machine scheduling with resource allocation and learning effect considering the rate-modifying activity. *Applied Mathematical Modelling*, **2013**, 37, 5371-5380	4.5	17
63	. *IEEE Transactions on Intelligent Transportation Systems*, **2013**, 14, 847-857	6.1	68
62	Competitive facility location and design with reactions of competitors already in the market. *European Journal of Operational Research*, **2012**, 219, 9-17	5.6	45
61	A cut-and-solve based algorithm for the single-source capacitated facility location problem. *European Journal of Operational Research*, **2012**, 221, 521-532	5.6	42
60	Determining the number of new employees with learning, forgetting and variable wage with a Newsvendor model in pull systems. *Journal of Intelligent Manufacturing*, **2012**, 23, 73-89	6.7	4
59	Large scale stochastic inventory routing problems with split delivery and service level constraints. *Annals of Operations Research*, **2012**, 197, 135-158	3.2	45
58	A solution for reallocating public bike among bike stations **2012**,		5
57	. *IEEE Transactions on Intelligent Transportation Systems*, **2012**, 13, 482-491	6.1	50
56	. *IEEE Transactions on Automation Science and Engineering*, **2012**, 9, 42-55	4.9	24
55	A scatter search for a multi-type transshipment point location problem with multicommodity flow. *Journal of Intelligent Manufacturing*, **2012**, 23, 1103-1117	6.7	9
54	A Novel Approach to Optimization of Refining Schedules for Crude Oil Operations in Refinery. *IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews*, **2012**, 42, 1042-1053		26
53	**2012**,		6
52	Lane Reservation Problem with Time-dependent Travel Times. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2012**, 45, 584-589		1

51	*. IEEE Transactions on Intelligent Transportation Systems*, **2011**, 12, 977-989	6.1	17
50	A Lagrangian relaxation approach for a large scale new variant of capacitated clustering problem. *Computers and Industrial Engineering*, **2011**, 61, 430-435	6.4	6
49	Single-machine group scheduling with resource allocation and learning effect. *Computers and Industrial Engineering*, **2011**, 60, 148-157	6.4	41
48	Coordination of split deliveries in one-warehouse multi-retailer distribution systems. *Computers and Industrial Engineering*, **2011**, 60, 291-301	6.4	8
47	The capacitated lane reservation problem in transportation network **2011**,		3
46	Petri Net-Based Scheduling of Single-Arm Cluster Tools With Reentrant Atomic Layer Deposition Processes. *IEEE Transactions on Automation Science and Engineering*, **2011**, 8, 42-55	4.9	108
45	Iterative algorithm for lane reservation problem on transportation network **2011**,		9
44	Interaction behavior modeling of advanced driving assistance systems by using Petri net **2011**,		1
43	Schedulability Analysis of Short-Term Scheduling for Crude Oil Operations in Refinery With Oil Residency Time and Charging-Tank-Switch-Overlap Constraints. *IEEE Transactions on Automation Science and Engineering*, **2011**, 8, 190-204	4.9	35
42	A Lagrangian relaxation approach for a multi-mode inventory routing problem with transshipment in crude oil transportation. *Computers and Chemical Engineering*, **2011**, 35, 2113-2123	4	40
41	A solution approach to the inventory routing problem in a three-level distribution system. *European Journal of Operational Research*, **2011**, 210, 736-744	5.6	25
40	Multi-mode transportation planning of crude oil via Greedy Randomized Adaptive Search and Path Relinking. *Transactions of the Institute of Measurement and Control*, **2011**, 33, 456-475	1.8	4
39	Petri net-based cycle time analysis of dual-arm cluster tools with wafer revisiting and swapping strategy **2011**,		11
38	Scheduling with resource allocation and past-sequence-dependent setup times including maintenance **2011**,		1
37	Due-Window Assignment and Scheduling with Multiple Rate-Modifying Activities under the Effects of Deterioration and Learning. *Mathematical Problems in Engineering*, **2011**, 2011, 1-19	1.1	5
36	Hybrid Petri Net Modeling and Schedulability Analysis of High Fusion Point Oil Transportation Under Tank Grouping Strategy for Crude Oil Operations in Refinery. *IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews*, **2010**, 40, 159-175		42
35	The capacitated plant location problem with customers and suppliers matching. *Transportation Research, Part E: Logistics and Transportation Review*, **2010**, 46, 469-480	9	21
34	Performance evaluation of distribution strategies for the inventory routing problem. *European Journal of Operational Research*, **2010**, 202, 412-419	5.6	23

15	Large scale inventory routing problem with split delivery: a new model and Lagrangian relaxation approach. *International Journal of Services Operations and Informatics*, **2006**, 1, 304	1.1	7
14	A Model and Algorithm for Large Scale Stochastic Inventory Routing Problem **2006**,		1
13	Issues on Short-Term Scheduling of Oil Refinery **2006**,		3
12	A branch and bound algorithm of the single machine schedule with sequence dependent setup times for minimizing total tardiness. *Applied Mathematics and Computation*, **2006**, 183, 575-588	2.7	28
11	Modeling and performance evaluation of supply chains using batch deterministic and stochastic Petri nets. *IEEE Transactions on Automation Science and Engineering*, **2005**, 2, 132-144	4.9	43
10	Heuristics for the periodic capacitated arc routing problem. *Journal of Intelligent Manufacturing*, **2005**, 16, 243-251	6.7	29
9	The Periodic Capacitated Arc Routing Problem linear programming model, metaheuristic and lower bounds. *Journal of Systems Science and Systems Engineering*, **2004**, 13, 423-435	1.2	12
8	Multicyclic hoist scheduling with constant processing times. *IEEE Transactions on Automation Science and Engineering*, **2002**, 18, 69-80		69
7	Deadlock analysis of Petri nets using siphons and mathematical programming. *IEEE Transactions on Automation Science and Engineering*, **1997**, 13, 793-804		291
6	Risk-averse assembly line worker assignment and balancing problem with limited temporary workers and moving workers. *International Journal of Production Research*,1-19	7.8	0
5	Modeling and Scheduling of Crude Oil Operations in Refinery1-49		2
4	Dual-channel competition: the role of quality improvement and price-matching. *International Journal of Production Research*,1-23	7.8	1
3	Novel distribution-free model and method for stochastic disassembly line balancing with limited distributional information. *Journal of Combinatorial Optimization*,1	0.9	0
2	Distributionally robust and risk-averse optimisation for the stochastic multi-product disassembly line balancing problem with workforce assignment. *International Journal of Production Research*,1-19	7.8	1
1	Integrated stochastic disassembly line balancing and planning problem with machine specificity. *International Journal of Production Research*,1-21	7.8	1