

Xiang Li

List of Publications by Year in descending order

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85
papers

3,730
citations

172457

29
h-index

133252

59
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90
all docs

90
docs citations

90
times ranked

1762
citing authors

#	ARTICLE	IF	CITATIONS
1	Staff scheduling in blood collection problems. <i>Annals of Operations Research</i> , 2022, 316, 365-400.	4.1	1
2	Quality Management by Warranty Contract Under Dual Asymmetric Information. <i>IEEE Transactions on Engineering Management</i> , 2022, 69, 1022-1036.	3.5	6
3	A short-turning strategy to alleviate bus bunching. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2022, 13, 117-128.	4.9	6
4	Multi-objective robust optimisation model for MDVRPLS in refined oil distribution. <i>International Journal of Production Research</i> , 2022, 60, 6772-6792.	7.5	96
5	SIGNATURES OF MULTI-STATE SYSTEMS BASED ON A SERIES/PARALLEL/RECURRENT STRUCTURE OF MODULES. <i>Probability in the Engineering and Informational Sciences</i> , 2022, 36, 824-850.	0.8	8
6	Suppliers'™ trade credit strategies with transparent credit ratings: Null, exclusive, and nonchalant provision. <i>European Journal of Operational Research</i> , 2022, 297, 153-163.	5.7	17
7	Financing capital-constrained third party logistic firms: fourth party logistic driven financing mode vs. private lending driven financing mode. <i>International Journal of Production Research</i> , 2022, 60, 2963-2982.	7.5	8
8	A Spatiotemporal Bidirectional Attention-Based Ride-Hailing Demand Prediction Model: A Case Study in Beijing During COVID-19. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 25115-25126.	8.0	13
9	Data-driven bus timetabling with spatial-temporal travel time. <i>Industrial Management and Data Systems</i> , 2022, ahead-of-print, .	3.7	1
10	Locally weighted factorization machine with fuzzy partition for elderly readmission prediction. <i>Knowledge-Based Systems</i> , 2022, 242, 108326.	7.1	9
11	Free-floating bike-sharing systems: New repositioning rules, optimization models and solution algorithms. <i>Information Sciences</i> , 2022, 600, 239-262.	6.9	10
12	Field-aware attentive neural factorization with fuzzy mutual information for company investment valuation. <i>Information Sciences</i> , 2022, 600, 43-58.	6.9	2
13	Heterogeneous fleet management for one-way electric carsharing system with optional orders, vehicle relocation and on-demand recharging. <i>Computers and Operations Research</i> , 2022, 145, 105868.	4.0	7
14	Multi-period mean-semi-entropy portfolio management with transaction costs and bankruptcy control. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2021, 12, 705-715.	4.9	3
15	Risk Models for Hazardous Material Transportation Subject to Weight Variation Considerations. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 2271-2282.	9.8	3
16	Fuzzy factorization machine. <i>Information Sciences</i> , 2021, 546, 1135-1147.	6.9	12
17	S-GCN-GRU-NN: A novel hybrid model by combining a Spatiotemporal Graph Convolutional Network and a Gated Recurrent Units Neural Network for short-term traffic speed forecasting. <i>Journal of Data Information and Management</i> , 2021, 3, 1-20.	2.7	16
18	Two-person cooperative uncertain differential game with transferable payoffs. <i>Fuzzy Optimization and Decision Making</i> , 2021, 20, 567-594.	5.5	13

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19	A little bit flexibility on headway distribution is enough: Data-driven optimization of subway regenerative energy. <i>Information Sciences</i> , 2021, 554, 276-296.	6.9	14
20	Driving performance grading and analytics: learning internal indicators and external factors from multi-source data. <i>Industrial Management and Data Systems</i> , 2021, 121, 2530-2570.	3.7	3
21	A hybrid multi-objective approach for real-time flexible production scheduling and rescheduling under dynamic environment in Industry 4.0 context. <i>Computers and Operations Research</i> , 2021, 132, 105267.	4.0	26
22	Optimal pricing of customized bus services and ride-sharing based on a competitive game model. <i>Omega</i> , 2021, 103, 102413.	5.9	24
23	Urban hazmat transportation with multi-factor. <i>Soft Computing</i> , 2020, 24, 6307-6328.	3.6	3
24	Linking granular computing, big data and decision making: a case study in urban path planning. <i>Soft Computing</i> , 2020, 24, 7435-7450.	3.6	13
25	Promotional pricing and online business model choice in the presence of retail competition. <i>Omega</i> , 2020, 94, 102085.	5.9	96
26	On product of positive L-R fuzzy numbers and its application to multi-period portfolio selection problems. <i>Fuzzy Optimization and Decision Making</i> , 2020, 19, 53-79.	5.5	9
27	Multi-period multi-scenario optimal design for closed-loop supply chain network of hazardous products with consideration of facility expansion. <i>Soft Computing</i> , 2020, 24, 2769-2780.	3.6	12
28	Multi-objective optimisation in flexible assembly job shop scheduling using a distributed ant colony system. <i>European Journal of Operational Research</i> , 2020, 283, 441-460.	5.7	69
29	Soft computing in smart logistics. <i>Soft Computing</i> , 2020, 24, 6193-6195.	3.6	1
30	Mean-semi-entropy portfolio adjusting model with transaction costs. <i>Journal of Data Information and Management</i> , 2020, 2, 121-130.	2.7	11
31	Modeling and Solving a Multi-Period Inventory Fulfilling and Routing Problem for Hazardous Materials. <i>Journal of Systems Science and Complexity</i> , 2020, 33, 760-782.	2.8	9
32	Single bus line timetable optimization with big data: A case study in Beijing. <i>Information Sciences</i> , 2020, 536, 53-66.	6.9	18
33	A Two-Stage Rating Prediction Approach Based on Matrix Clustering on Implicit Information. <i>IEEE Transactions on Computational Social Systems</i> , 2020, 7, 517-535.	4.4	6
34	Literature Overview. <i>Uncertainty and Operations Research</i> , 2020, , 1-9.	0.1	0
35	Stochastic Speed Control and Timetable Optimization. <i>Uncertainty and Operations Research</i> , 2020, , 95-116.	0.1	0
36	Integrated Speed Control and Timetable Optimization. <i>Uncertainty and Operations Research</i> , 2020, , 63-78.	0.1	0

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37	Timetabling with Regenerative Energy Maximization. <i>Uncertainty and Operations Research</i> , 2020, , 45-62.	0.1	0
38	Guest Editorial: Uncertain Multicriteria Decision Making Using Evolutionary Algorithms. <i>IEEE Transactions on Fuzzy Systems</i> , 2019, 27, 831-833.	9.8	2
39	Intelligent transportation systems in big data. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2019, 10, 305-306.	4.9	4
40	A distributionally robust credibilistic optimization method for the economic-environmental-energy-social sustainability problem. <i>Information Sciences</i> , 2019, 501, 1-18.	6.9	16
41	Reliable location allocation for hazardous materials. <i>Information Sciences</i> , 2019, 501, 688-707.	6.9	10
42	An Uncertain DEA Model for Scale Efficiency Evaluation. <i>IEEE Transactions on Fuzzy Systems</i> , 2019, 27, 1616-1624.	9.8	18
43	Multi-objective location-routing model for hazardous material logistics with traffic restriction constraint in inter-city roads. <i>Computers and Industrial Engineering</i> , 2019, 128, 861-876.	6.3	68
44	A new bi-objective fuzzy portfolio selection model and its solution through evolutionary algorithms. <i>Soft Computing</i> , 2019, 23, 4367-4381.	3.6	54
45	Driving strategy optimization for trains in subway systems. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2018, 232, 369-383.	2.0	24
46	Mean-variance model for optimization of the timetable in urban rail transit systems. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2018, 232, 1005-1020.	2.0	2
47	Portfolio selection problems with Markowitz's mean-variance framework: a review of literature. <i>Fuzzy Optimization and Decision Making</i> , 2018, 17, 125-158.	5.5	67
48	Closed-loop supply chain network design for hazardous products with uncertain demands and returns. <i>Applied Soft Computing Journal</i> , 2018, 68, 889-899.	7.2	46
49	A Random Fuzzy Accelerated Degradation Model and Statistical Analysis. <i>IEEE Transactions on Fuzzy Systems</i> , 2018, 26, 1638-1650.	9.8	38
50	GPS trajectory data segmentation based on probabilistic logic. <i>International Journal of Approximate Reasoning</i> , 2018, 103, 227-247.	3.3	11
51	Optimization and decision-making with big data. <i>Soft Computing</i> , 2018, 22, 5197-5199.	3.6	3
52	A credibilistic goal programming model for inventory routing problem with hazardous materials. <i>Soft Computing</i> , 2018, 22, 5803-5816.	3.6	19
53	Fuzzy Bi-objective Chance-Constrained Programming Model for Timetable Optimization of a Bus Route. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 312-324.	0.6	0
54	Multi-depot vehicle routing problem for hazardous materials transportation: A fuzzy bilevel programming. <i>Information Sciences</i> , 2017, 399, 201-218.	6.9	105

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55	Time consistent fuzzy multi-period rolling portfolio optimization with adaptive risk aversion factor. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2017, 8, 651-666.	4.9	27
56	Uncertain Decision-Making: A Mathematical Programming Perspective. <i>Scientific Programming</i> , 2017, 1-2.	0.7	0
57	Fuzzy multi-period portfolio selection with different investment horizons. <i>European Journal of Operational Research</i> , 2016, 254, 1026-1035.	5.7	81
58	Mean-Semi-Entropy Models of Fuzzy Portfolio Selection. <i>IEEE Transactions on Fuzzy Systems</i> , 2016, 24, 1627-1636.	9.8	51
59	Fuzzy multi-objective chance-constrained programming model for hazardous materials transportation. <i>International Journal of General Systems</i> , 2016, 45, 286-310.	2.5	23
60	Travel itinerary problem. <i>Transportation Research Part B: Methodological</i> , 2016, 91, 332-343.	5.9	26
61	Decision making under various types of uncertainty. <i>International Journal of General Systems</i> , 2016, 45, 251-252.	2.5	6
62	An energy-efficient scheduling approach to improve the utilization of regenerative energy for metro systems. <i>Transportation Research Part C: Emerging Technologies</i> , 2015, 57, 13-29.	7.6	142
63	A Numerical-Integration-Based Simulation Algorithm for Expected Values of Strictly Monotone Functions of Ordinary Fuzzy Variables. <i>IEEE Transactions on Fuzzy Systems</i> , 2015, 23, 964-972.	9.8	20
64	Skewness of Fuzzy Numbers and Its Applications in Portfolio Selection. <i>IEEE Transactions on Fuzzy Systems</i> , 2015, 23, 2135-2143.	9.8	51
65	An optimisation method for train scheduling with minimum energy consumption and travel time in metro rail systems. <i>Transportmetrica B</i> , 2015, 3, 79-98.	2.3	40
66	Credibilistic Location-Routing Model for Hazardous Materials Transportation. <i>International Journal of Intelligent Systems</i> , 2015, 30, 23-39.	5.7	24
67	An energy-efficient scheduling and speed control approach for metro rail operations. <i>Transportation Research Part B: Methodological</i> , 2014, 64, 73-89.	5.9	247
68	A Two-Objective Timetable Optimization Model in Subway Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2014, 15, 1913-1921.	8.0	156
69	Energy minimization in dynamic train scheduling and control for metro rail operations. <i>Transportation Research Part B: Methodological</i> , 2014, 70, 269-284.	5.9	136
70	Interval portfolio selection models within the framework of uncertainty theory. <i>Economic Modelling</i> , 2014, 41, 338-344.	3.8	51
71	A semantic study of the first-order predicate logic with uncertainty involved. <i>Fuzzy Optimization and Decision Making</i> , 2014, 13, 357-367.	5.5	15
72	A Cooperative Scheduling Model for Timetable Optimization in Subway Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2013, 14, 438-447.	8.0	268

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73	A STOCHASTIC TIMETABLE OPTIMIZATION MODEL IN SUBWAY SYSTEMS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2013, 21, 1-15.	1.9	37
74	A Subway Train Timetable Optimization Approach Based on Energy-Efficient Operation Strategy. IEEE Transactions on Intelligent Transportation Systems, 2013, 14, 883-893.	8.0	317
75	Uncertain Alternating Renewal Process and Its Application. IEEE Transactions on Fuzzy Systems, 2012, 20, 1154-1160.	9.8	94
76	An expected regret minimization portfolio selection model. European Journal of Operational Research, 2012, 218, 484-492.	5.7	60
77	Optimizing trains movement on a railway network. Omega, 2012, 40, 619-633.	5.9	138
78	Mean-variance-skewness model for portfolio selection with fuzzy returns. European Journal of Operational Research, 2010, 202, 239-247.	5.7	243
79	Chance measure for hybrid events with fuzziness and randomness. Soft Computing, 2009, 13, 105-115.	3.6	45
80	Foundation of credibilistic logic. Fuzzy Optimization and Decision Making, 2009, 8, 91-102.	5.5	14
81	Portfolio selection based on fuzzy cross-entropy. Journal of Computational and Applied Mathematics, 2009, 228, 139-149.	2.0	121
82	A hybrid intelligent algorithm for portfolio selection problem with fuzzy returns. Journal of Computational and Applied Mathematics, 2009, 233, 264-278.	2.0	68
83	A SUFFICIENT AND NECESSARY CONDITION FOR CREDIBILITY MEASURES. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2006, 14, 527-535.	1.9	176
84	Preface: Data-driven operations research in transportation and logistics. Annals of Operations Research, 0, , 1.	4.1	0
85	Multi-mode vehicle scheduling and routing for surging passenger flow management: from the perspective of urban traffic brain. Journal of Ambient Intelligence and Humanized Computing, 0, , 1.	4.9	0