

Xueping Li

List of Publications by Year in descending order

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79
papers

1,919
citations

279487

23
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276539

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79
all docs

79
docs citations

79
times ranked

1886
citing authors

#	ARTICLE	IF	CITATIONS
1	A General Model and Efficient Algorithms for Reliable Facility Location Problem Under Uncertain Disruptions. <i>INFORMS Journal on Computing</i> , 2022, 34, 407-426.	1.0	11
2	An order-splitting model for supplier selection and order allocation in a multi-echelon supply chain. <i>Computers and Operations Research</i> , 2022, 137, 105515.	2.4	17
3	Efficient Solution Methods for a General r -Interdiction Median Problem with Fortification. <i>INFORMS Journal on Computing</i> , 2022, 34, 1272-1290.	1.0	3
4	Extreme events, energy security and equality through micro- and macro-levels: Concepts, challenges and methods. <i>Energy Research and Social Science</i> , 2022, 85, 102401.	3.0	10
5	A Machine Learning-Enabled Partially Observable Markov Decision Process Framework for Early Sepsis Prediction. <i>INFORMS Journal on Computing</i> , 2022, 34, 2039-2057.	1.0	5
6	Multi-stage stochastic optimization of islanded utility-microgrids design after natural disasters. <i>Operations Research Perspectives</i> , 2022, 9, 100235.	1.2	2
7	The flying sidekick traveling salesman problem with stochastic travel time: A reinforcement learning approach. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2022, 164, 102816.	3.7	21
8	Optimizing green infrastructure placement under precipitation uncertainty. <i>Omega</i> , 2021, 100, 102196.	3.6	11
9	HeMA: A hierarchically enriched machine learning approach for managing false alarms in real time: A sepsis prediction case study. <i>Computers in Biology and Medicine</i> , 2021, 131, 104255.	3.9	8
10	A scheduling decision support model for minimizing the number of drones with dynamic package arrivals and personalized deadlines. <i>Expert Systems With Applications</i> , 2021, 167, 114157.	4.4	14
11	Stochastic optimization of distributed generator location and sizing in an islanded utility microgrid during a large-scale grid disturbance. <i>Sustainable Energy, Grids and Networks</i> , 2021, 27, 100516.	2.3	6
12	Long Short-Term Memory Networks for Facility Infrastructure Failure and Remaining Useful Life Prediction. <i>IEEE Access</i> , 2021, 9, 67585-67594.	2.6	9
13	Using a Systems Engineering Approach to Design an Interactive Mobile Health Application for Improving Asthma Self-management. <i>CIN - Computers Informatics Nursing</i> , 2021, 39, 221-228.	0.3	6
14	AiRobSim: Simulating a Multisensor Aerial Robot for Urban Search and Rescue Operation and Training. <i>Sensors</i> , 2020, 20, 5223.	2.1	17
15	On the k -Strong Roman Domination Problem. <i>Discrete Applied Mathematics</i> , 2020, 285, 227-241.	0.5	0
16	Designing an incentive scheme within a cooperative game for consolidated hospital systems. <i>Journal of the Operational Research Society</i> , 2020, 71, 1073-1144.	2.1	6
17	Optimal Distributed Generator Placement in Utility-Based Microgrids During a Large-Scale Grid Disturbance. <i>IEEE Access</i> , 2020, 8, 21333-21344.	2.6	19
18	An agent-based approach to study the diffusion rate and the effect of policies on joint placement of photovoltaic panels and green roof under climate change uncertainty. <i>Applied Energy</i> , 2020, 261, 114402.	5.1	17

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19	Strengthening Recovery: A Burn Injuryâ€“Focused Mobile App to Improve Outcomes. Health and Social Work, 2019, 44, 203-207.	0.5	2
20	Two level uncapacitated facility location problem with disruptions. Computers and Industrial Engineering, 2019, 137, 106089.	3.4	20
21	Two-dimensional knapsack-block packing problem. Applied Mathematical Modelling, 2019, 73, 1-18.	2.2	12
22	An Optimization via Agent-based Simulation Framework to Integrate Stochastic Programming with Human Introduced Uncertainty. , 2019, , .		1
23	Deriving Simulation Models from Data: Steps of Simulation Studies Revisited. , 2019, , .		7
24	On the Extension of Schellingâ€™s Segregation Model. , 2019, , .		3
25	Cooperative maximal covering models for humanitarian relief chain management. Computers and Industrial Engineering, 2018, 119, 301-308.	3.4	38
26	Supply chain resilience for single and multiple sourcing in the presence of disruption risks. International Journal of Production Research, 2018, 56, 2339-2360.	4.9	218
27	Single batch processing machine scheduling with two-dimensional bin packing constraints. International Journal of Production Economics, 2018, 196, 113-121.	5.1	47
28	Prediction of Sepsis and In-Hospital Mortality Using Electronic Health Records. Methods of Information in Medicine, 2018, 57, 185-193.	0.7	24
29	Missing Data, Data Cleansing, and Treatment From a Primary Study. CIN - Computers Informatics Nursing, 2018, 36, 367-371.	0.3	3
30	Distance matrix based heuristics to minimize makespan of parallel batch processing machines with arbitrary job sizes and release times. Applied Soft Computing Journal, 2017, 52, 630-641.	4.1	18
31	An agent based model for joint placement of PV panels and green roofs. , 2017, , .		4
32	An effective discrete differential evolution algorithm for scheduling uniform parallel batch processing machines with non-identical capacities and arbitrary job sizes. International Journal of Production Economics, 2016, 179, 1-11.	5.1	59
33	Use of Social Media by Fathers of Premature Infants. Journal of Perinatal and Neonatal Nursing, 2016, 30, 359-366.	0.5	30
34	Minimizing makespan in a no-wait flowshop with two batch processing machines using estimation of distribution algorithm. International Journal of Production Research, 2016, 54, 4919-4937.	4.9	17
35	Earlinessâ€“tardiness minimization on scheduling a batch processing machine with non-identical job sizes. Computers and Industrial Engineering, 2015, 87, 590-599.	3.4	27
36	Coalitional game theory approach to modeling suppliers' collaboration in supply networks. International Journal of Production Economics, 2015, 169, 333-342.	5.1	33

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37	A hybrid differential evolution algorithm for multiple container loading problem with heterogeneous containers. <i>Computers and Industrial Engineering</i> , 2015, 90, 305-313.	3.4	20
38	A hybrid differential evolution algorithm for a two-stage flow shop on batch processing machines with arbitrary release times and blocking. <i>International Journal of Production Research</i> , 2014, 52, 5714-5734.	4.9	28
39	Pediatric Hospice and Palliative Care. <i>CIN - Computers Informatics Nursing</i> , 2014, 32, 299-302.	0.3	6
40	A multi-echelon inventory system with supplier selection and order allocation under stochastic demand. <i>International Journal of Production Economics</i> , 2014, 151, 37-47.	5.1	81
41	Minimising makespan on a single batch processing machine with dynamic job arrivals and non-identical job sizes. <i>International Journal of Production Research</i> , 2014, 52, 2258-2274.	4.9	27
42	Scheduling elective surgeries with sequence-dependent setup times to multiple operating rooms using constraint programming. <i>Operations Research for Health Care</i> , 2014, 3, 160-167.	0.8	44
43	Game theory methodology for optimizing retailers' pricing and shelf-space allocation decisions on competing substitutable products. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 68, 375-389.	1.5	21
44	A bi-objective scheduling problem on batch machines via a Pareto-based ant colony system. <i>International Journal of Production Economics</i> , 2013, 145, 371-386.	5.1	36
45	Developing an Interactive Story for Children with Asthma. <i>Nursing Clinics of North America</i> , 2013, 48, 271-285.	0.7	10
46	Response surface optimisation of surgery start times in a single operating room using designed simulation experiments. <i>International Journal of Healthcare Technology and Management</i> , 2013, 14, 61.	0.1	9
47	An Estimation of Distribution Algorithm for the 3D Bin Packing Problem with Various Bin Sizes. <i>Lecture Notes in Computer Science</i> , 2013, , 401-408.	1.0	1
48	Intelligent dynamic control of stochastic economic lot scheduling by agent-based reinforcement learning. <i>International Journal of Production Research</i> , 2012, 50, 4381-4395.	4.9	22
49	Developing iCare v.1.0. <i>CIN - Computers Informatics Nursing</i> , 2012, 30, 321-329.	0.3	7
50	Designing intelligent agents to support long-term partnership in two echelon e-Supply Networks. <i>Expert Systems With Applications</i> , 2012, 39, 13501-13508.	4.4	11
51	A comparative analysis of management accounting systems' impact on lean implementation. <i>International Journal of Technology Management</i> , 2012, 57, 33.	0.2	33
52	Makespan minimization on single batch-processing machine via ant colony optimization. <i>Computers and Operations Research</i> , 2012, 39, 582-593.	2.4	90
53	Reinforcement learning for joint pricing, lead-time and scheduling decisions in make-to-order systems. <i>European Journal of Operational Research</i> , 2012, 221, 99-109.	3.5	32
54	Simulating a Contract Closeout Process. <i>International Journal of Service Science, Management, Engineering, and Technology</i> , 2012, 3, 38-59.	0.7	0

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55	Optimizing surgery start times for a single operating room via simulation. , 2011, , .		5
56	Covering models and optimization techniques for emergency response facility location and planning: a review. Mathematical Methods of Operations Research, 2011, 74, 281-310.	0.4	290
57	Challenges and models in supporting logistics system design for dedicated-biomass-based bioenergy industry. Bioresource Technology, 2011, 102, 1344-1351.	4.8	103
58	Quantifying the impact of demand substitution on the bullwhip effect in a supply chain. Logistics Research, 2011, 3, 221-232.	1.6	5
59	Key establishment for layered group-based Wireless Sensor Networks. International Journal of Ad Hoc and Ubiquitous Computing, 2010, 5, 150.	0.3	3
60	Metamodel analysis on multi-echelon supply chain simulation experiments. International Journal of Industrial and Systems Engineering, 2010, 6, 24.	0.1	3
61	Minimizing job completion time variance for service stability on identical parallel machines. Computers and Industrial Engineering, 2010, 58, 729-738.	3.4	8
62	The effect of customer segmentation on an inventory system in the presence of supply disruptions. , 2009, , .		4
63	Geographic and energy-aware routing in Wireless Sensor Networks. International Journal of Ad Hoc and Ubiquitous Computing, 2009, 4, 61.	0.3	9
64	A comparative analysis of predictive data mining techniques. International Journal of Rapid Manufacturing, 2009, 1, 150.	0.5	18
65	Effective precedence constrained scheduling in a make-to-order environment. International Journal of Advanced Operations Management, 2009, 1, 331.	0.3	0
66	Developing a value stream map to evaluate breakdown maintenance operations. International Journal of Industrial and Systems Engineering, 2009, 4, 229.	0.1	40
67	Restricted job completion time variance minimisation on identical parallel machines. European Journal of Industrial Engineering, 2009, 3, 261.	0.5	15
68	Adaptive Web Presence and Evolution through Web Log Analysis. , 2009, , 12-17.		1
69	A Methodology for Evaluation and Selection of Nanoparticle Manufacturing Processes Based on Sustainability Metrics. Environmental Science & Technology, 2008, 42, 6697-6702.	4.6	24
70	Multi-echelon supply chain simulation using metamodel. , 2008, , .		2
71	Adaptive web presence and evolution through web log analysis. International Journal of Electronic Customer Relationship Management, 2008, 2, 195.	0.1	2
72	Markov chain approximation methods on generalized HJB equation. , 2007, , .		1

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73	Influencing factors of job waiting time variance on a single machine. <i>European Journal of Industrial Engineering</i> , 2007, 1, 56.	0.5	18
74	En-Lean: a framework to align lean and green manufacturing in the metal cutting supply chain. <i>International Journal of Enterprise Network Management</i> , 2007, 1, 238.	0.2	60
75	Job scheduling methods for reducing waiting time variance. <i>Computers and Operations Research</i> , 2007, 34, 3069-3083.	2.4	35
76	Job scheduling to minimize the weighted waiting time variance of jobs. <i>Computers and Industrial Engineering</i> , 2007, 52, 41-56.	3.4	13
77	Web server QoS models: applying scheduling rules from production planning. <i>Computers and Operations Research</i> , 2005, 32, 1147-1164.	2.4	32
78	A Quantitative Survivability Evaluation Model for Wireless Sensor Networks. , 0, , .		5
79	Adaptive Web Presence and Evolution through Web Log Analysis. , 0, , 691-698.		0