

Weiwei Chen

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

624
citations

758635

12
h-index

713013

21
g-index

30
all docs

30
docs citations

30
times ranked

490
citing authors

#	ARTICLE	IF	CITATIONS
1	Rebalancing Bike Sharing Systems. , 2016, , .		146
2	Business models dynamics and business ecosystems in the emerging 3D printing industry. Technological Forecasting and Social Change, 2018, 134, 234-245.	6.2	53
3	A New Budget Allocation Framework for the Expected Opportunity Cost. Operations Research, 2017, 65, 787-803.	1.2	52
4	A control approach to scheduling flexibly configurable jobs with dynamic structural-logical constraints. IIE Transactions, 2021, 53, 21-38.	1.6	52
5	Supply chain flexibility and operations optimisation under demand uncertainty: a case in disaster relief. International Journal of Production Research, 2018, 56, 3699-3713.	4.9	48
6	Efficient subset selection for the expected opportunity cost. Automatica, 2015, 59, 19-26.	3.0	43
7	Robust ranking and selection with optimal computing budget allocation. Automatica, 2017, 81, 30-36.	3.0	40
8	Coordinating supplier selection and project scheduling in resource-constrained construction supply chains. International Journal of Production Research, 2018, 56, 6512-6526.	4.9	28
9	Efficient Feasibility Determination With Multiple Performance Measure Constraints. IEEE Transactions on Automatic Control, 2017, 62, 113-122.	3.6	27
10	A new budget allocation framework for selecting top simulated designs. IIE Transactions, 2016, 48, 855-863.	2.1	25
11	A Partition-Based Random Search for Stochastic Constrained Optimization via Simulation. IEEE Transactions on Automatic Control, 2017, 62, 740-752.	3.6	18
12	Data mining-based dispatching system for solving the local pickup and delivery problem. Annals of Operations Research, 2013, 203, 351-370.	2.6	17
13	O2O on-demand delivery optimization with mixed driver forces. IFAC-PapersOnLine, 2019, 52, 391-396.	0.5	13
14	Dispatch optimisation in O2O on-demand service with crowd-sourced and in-house drivers. International Journal of Production Research, 2021, 59, 6054-6068.	4.9	13
15	Introduction to the special issue on Impact of COVID-19 and cryptocurrencies on the global financial market. Financial Innovation, 2021, 7, 27.	3.6	8
16	Optimal computing budget allocation with input uncertainty. , 2016, , .		7
17	Online ordering rules for the multi-period newsvendor problem with quantity discounts. Annals of Operations Research, 2020, 288, 495-524.	2.6	7
18	Iterative Prediction-and-Optimization for E-Logistics Distribution Network Design. INFORMS Journal on Computing, 2022, 34, 769-789.	1.0	6

#	ARTICLE	IF	CITATIONS
19	The value of personalized dispatch in O2O on-demand delivery services. <i>European Journal of Operational Research</i> , 2023, 304, 1022-1035.	3.5	6
20	A worst-case formulation for constrained ranking and selection with input uncertainty. <i>Naval Research Logistics</i> , 2019, 66, 648-662.	1.4	5
21	Nested Partitions and Its Applications to the Intermodal Hub Location Problem. <i>Springer Optimization and Its Applications</i> , 2009, , 229-251.	0.6	4
22	Wafer Defect Inspection Optimization With Partial Coverage--A Numerical Approach. <i>IEEE Transactions on Automation Science and Engineering</i> , 2020, , 1-12.	3.4	2
23	A note on a new dynamic programming formulation of (n-machine) flowshop sequencing problems with due dates. <i>International Journal of Production Research</i> , 2012, 50, 4631-4634.	4.9	1
24	Feasibility determination in presence of multiple performance measure constraints. , 2016, , .		1
25	TEMPORAL SHAPING OF SIMULATED TIME SERIES WITH CYCLICAL SAMPLE PATHS. <i>Probability in the Engineering and Informational Sciences</i> , 2018, 32, 126-143.	0.6	1
26	Modeling and data analytics in manufacturing and supply chain operations. <i>Flexible Services and Manufacturing Journal</i> , 0, , 1.	1.9	1
27	Inventory turns and finite-horizon Little's Laws. <i>Annals of Operations Research</i> , 2016, , 1.	2.6	0
28	Cash Conversion Systems in Corporate Subsidiaries. <i>Manufacturing and Service Operations Management</i> , 2017, 19, 604-619.	2.3	0
29	Sensitivity-based nested partitions for solving finite-horizon Markov decision processes. <i>Operations Research Letters</i> , 2017, 45, 481-487.	0.5	0
30	Unsupervised Learning-Driven Metaheuristic for Production-Distribution Problems. <i>Transportation Science</i> , 2022, 56, 1677-1702.	2.6	0