

Cong Shi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34
papers

318
citations

10
h-index

16
g-index

38
ext. papers

554
ext. citations

2.4
avg, IF

4.04
L-index

#	Paper	IF	Citations
34	Reverse Psychology in Trust-Aware Human-Robot Interaction. <i>IEEE Robotics and Automation Letters</i> , 2021 , 6, 4851-4858	4.2	3
33	Online Advance Scheduling with Overtime: A Primal-Dual Approach. <i>Manufacturing and Service Operations Management</i> , 2021 , 23, 246-266	4.6	3
32	A Fluid Model for One-Sided Bipartite Matching Queues with Match-Dependent Rewards. <i>Operations Research</i> , 2021 , 69, 1256-1281	2.3	0
31	Multi-armed bandit with sub-exponential rewards. <i>Operations Research Letters</i> , 2021 , 49, 728-733	1	0
30	Optimal Learning Algorithms for Stochastic Inventory Systems with Random Capacities. <i>Production and Operations Management</i> , 2020 , 29, 1624-1649	3.6	4
29	Strategic Capacity Planning Problems in Revenue-Sharing Joint Ventures. <i>Production and Operations Management</i> , 2020 , 29, 664-687	3.6	4
28	Closing the Gap: A Learning Algorithm for Lost-Sales Inventory Systems with Lead Times. <i>Management Science</i> , 2020 , 66, 1962-1980	3.9	19
27	Process Flexibility for Multiperiod Production Systems. <i>Operations Research</i> , 2019 , 67, 1300-1320	2.3	18
26	Network Revenue Management with Online Inverse Batch Gradient Descent Method. <i>SSRN Electronic Journal</i> , 2019 ,	1	2
25	Service Level Constrained Inventory Systems. <i>Production and Operations Management</i> , 2019 , 28, 2365-2380	3.8	9
24	Joint Pricing and Inventory Management with Strategic Customers. <i>Operations Research</i> , 2019 , 67, 1610-1627	3.27	5
23	Approximation Algorithms for Capacitated Perishable Inventory Systems with Positive Lead Times. <i>Management Science</i> , 2018 , 64, 5038-5061	3.9	17
22	Technical Note Perishable Inventory Systems: Convexity Results for Base-Stock Policies and Learning Algorithms Under Censored Demand. <i>Operations Research</i> , 2018 , 66, 1276-1286	2.3	20
21	Optimal Learning Algorithms for Stochastic Inventory Systems with Random Capacities. <i>SSRN Electronic Journal</i> , 2018 ,	1	1
20	Production planning problems with joint service-level guarantee: a computational study. <i>International Journal of Production Research</i> , 2017 , 55, 38-58	7.8	3
19	Revenue Management of Reusable Resources with Advanced Reservations. <i>Production and Operations Management</i> , 2017 , 26, 836-859	3.6	17
18	Closing the Gap: A Learning Algorithm for the Lost-Sales Inventory System with Lead Times. <i>SSRN Electronic Journal</i> , 2017 ,	1	3

17	A data-driven approach to manpower planning at U.S.-Canada border crossings. <i>Transportation Research, Part A: Policy and Practice</i> , 2016 , 91, 34-47	3.7	3
16	Approximation algorithms for inventory problems with submodular or routing costs. <i>Mathematical Programming</i> , 2016 , 160, 225-244	2.1	10
15	Technical Note Nonparametric Data-Driven Algorithms for Multiproduct Inventory Systems with Censored Demand. <i>Operations Research</i> , 2016 , 64, 362-370	2.3	31
14	Technical Note Approximation Algorithms for Perishable Inventory Systems with Setup Costs. <i>Operations Research</i> , 2016 , 64, 432-440	2.3	22
13	Stochastic regret minimization for revenue management problems with nonstationary demands. <i>Naval Research Logistics</i> , 2016 , 63, 433-448	1.5	6
12	Priority Rules for Multi-Task Due-Date Scheduling under Varying Processing Costs. <i>Production and Operations Management</i> , 2016 , 25, 2086-2102	3.6	2
11	Approximation Algorithms for Perishable Inventory Systems. <i>Operations Research</i> , 2015 , 63, 585-601	2.3	41
10	A faster algorithm for the resource allocation problem with convex cost functions. <i>Journal of Discrete Algorithms</i> , 2015 , 34, 137-146		3
9	Process Flexibility for Multi-Period Production Systems. <i>SSRN Electronic Journal</i> , 2015 ,	1	4
8	Approximation Algorithms for Stochastic Optimization Problems in Operations Management 2014 , 1-20		0
7	Approximation algorithms for capacitated stochastic inventory systems with setup costs. <i>Naval Research Logistics</i> , 2014 , 61, 304-319	1.5	16
6	Approximation Algorithms for the Stochastic Lot-Sizing Problem with Order Lead Times. <i>Operations Research</i> , 2013 , 61, 593-602	2.3	28
5	Nonparametric Algorithms for Joint Pricing and Inventory Control with Lost-Sales and Censored Demand. <i>SSRN Electronic Journal</i> ,	1	8
4	Nonparametric Algorithms for Joint Pricing and Inventory Control with Lost-Sales and Censored Demand. <i>SSRN Electronic Journal</i> ,	1	3
3	Tailored Base-Surge Policies in Dual-Sourcing Inventory Systems with Demand Learning. <i>SSRN Electronic Journal</i> ,	1	6
2	Marrying Stochastic Gradient Descent with Bandits: Learning Algorithms for Inventory Systems with Fixed Costs. <i>Management Science</i> ,	3.9	2
1	Nonparametric Learning Algorithms for Joint Pricing and Inventory Control with Lost Sales and Censored Demand. <i>Mathematics of Operations Research</i> ,	1.5	5