Yongjia Song

List of Publications by Year
in descending order

30 papers	590 citations	687363 13 h-index	642732 23 g-index
30 all docs	30 docs citations	30 times ranked	502 citing authors

#	Article	IF	Citations
1	A survey of network interdiction models and algorithms. European Journal of Operational Research, 2020, 283, 797-811.	5.7	109
2	Chance-Constrained Binary Packing Problems. INFORMS Journal on Computing, 2014, 26, 735-747.	1.7	64
3	A Branch-Cut-and-Price Algorithm for the Energy Minimization Vehicle Routing Problem. Transportation Science, 2016, 50, 23-34.	4.4	49
4	A disjunctive convex programming approach to the pollution-routing problem. Transportation Research Part B: Methodological, 2016, 94, 61-79.	5.9	44
5	Nonanticipative duality, relaxations, and formulations for chance-constrained stochastic programs. Mathematical Programming, 2017, 162, 51-81.	2.4	40
6	An Adaptive Partition-Based Approach for Solving Two-Stage Stochastic Programs with Fixed Recourse. SIAM Journal on Optimization, 2015, 25, 1344-1367.	2.0	32
7	Risk-Averse Shortest Path Interdiction. INFORMS Journal on Computing, 2016, 28, 527-539.	1.7	30
8	Stochastic maximum flow interdiction problems under heterogeneous risk preferences. Computers and Operations Research, 2018, 90, 97-109.	4.0	27
9	Adaptive Partition-Based Level Decomposition Methods for Solving Two-Stage Stochastic Programs with Fixed Recourse. INFORMS Journal on Computing, 2018, 30, 57-70.	1.7	25
10	Building Trust in Home Services—Stochastic Team-Orienteering with Consistency Constraints. Transportation Science, 2020, 54, 823-838.	4.4	23
11	Branch-and-cut approaches for chance-constrained formulations of reliable network design problems. Mathematical Programming Computation, 2013, 5, 397-432.	4.8	22
12	A Joint Vehicle Routing and Speed Optimization Problem. INFORMS Journal on Computing, 2018, 30, 694-709.	1.7	18
13	Surgery Scheduling Under Case Cancellation and Surgery Duration Uncertainty. IEEE Transactions on Automation Science and Engineering, 2019, 16, 74-86.	5.2	15
14	Stochastic network interdiction with incomplete preference. Networks, 2019, 73, 3-22.	2.7	13
15	Branch-and-Cut-and-Price for the Vehicle Routing Problem with Time Windows and Convex Node Costs. Transportation Science, 2019, 53, 1409-1426.	4.4	13
16	On level regularization with normal solutions in decomposition methods for multistage stochastic programming problems. Computational Optimization and Applications, 2019, 74, 1-42.	1.6	11
17	Adaptive Forwarding With Probabilistic Delay Guarantee in Low-Duty-Cycle WSNs. IEEE Transactions on Wireless Communications, 2020, 19, 4775-4792.	9.2	9
18	Partition-based decomposition algorithms for two-stage Stochastic integer programs with continuous recourse. Annals of Operations Research, 2020, 284, 583-604.	4.1	8

#	Article	IF	Citations
19	Moment-Matching-Based Conjugacy Approximation for Bayesian Ranking and Selection. ACM Transactions on Modeling and Computer Simulation, 2017, 27, 1-23.	0.8	7
20	Simulation selection for empirical model comparison. , 2015, , .		5
21	Adaptive Sequential Sample Average Approximation for Solving Two-Stage Stochastic Linear Programs. SIAM Journal on Optimization, 2021, 31, 1017-1048.	2.0	5
22	Chanceâ€constrained multiâ€terminal network design problems. Naval Research Logistics, 2015, 62, 321-334.	2.2	3
23	A multiâ€vehicle covering tour problem with speed optimization. Networks, 2022, 79, 119-142.	2.7	3
24	Optimal Containment of Misinformation in Social Media: A Scenario-Based Approach. Lecture Notes in Computer Science, 2014, , 547-556.	1.3	3
25	Adaptive partition-based SDDP algorithms for multistage stochastic linear programming with fixed recourse. Computational Optimization and Applications, 2022, 81, 201-250.	1.6	3
26	A Markov decision process model on dynamic routing for target surveillance. Computers and Operations Research, 2022, 141, 105699.	4.0	3
27	A stochastic look-ahead approach for hurricane relief logistics operations planning under uncertainty. Annals of Operations Research, 2022, 319, 1231-1263.	4.1	2
28	Optimization models for integrated biorefinery operations. Optimization Letters, 2022, 16, 909-951.	1.6	2
29	Min-Max Optimal Design of Two-Armed Trials with Side Information. INFORMS Journal on Computing, 0, , .	1.7	2
30	How hospitals can improve their public quality metrics: a decision-theoretic model. Health Care Management Science, 2021, 24, 702-715.	2.6	0