

Lawrence V Snyder

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

3,389
citations

516710

16
h-index

454955

30
g-index

41
all docs

41
docs citations

41
times ranked

2361
citing authors

#	ARTICLE	IF	CITATIONS
1	Facility location under uncertainty: a review. IIE Transactions, 2006, 38, 547-564.	2.1	697
2	Reliability Models for Facility Location: The Expected Failure Cost Case. Transportation Science, 2005, 39, 400-416.	4.4	576
3	OR/MS models for supply chain disruptions: a review. IIE Transactions, 2016, 48, 89-109.	2.1	531
4	Reliable logistics networks design with facility disruptions. Transportation Research Part B: Methodological, 2011, 45, 1190-1211.	5.9	289
5	Stochasticp-robust location problems. IIE Transactions, 2006, 38, 971-985.	2.1	215
6	Planning for Disruptions in Supply Chain Networks. , 2006, , 234-257.		129
7	An innovative RTP-based residential power scheduling scheme for smart grids. , 2011, , .		119
8	Control Mechanisms for Residential Electricity Demand in SmartGrids. , 2010, , .		95
9	A Continuousâ€Review Inventory Model with Disruptions at Both Supplier and Retailer. Production and Operations Management, 2009, 18, 516-532.	3.8	77
10	Applying deep learning to the newsvendor problem. IIE Transactions, 2020, 52, 444-463.	2.4	68
11	A Deep Q-Network for the Beer Game: Deep Reinforcement Learning for Inventory Optimization. Manufacturing and Service Operations Management, 2022, 24, 285-304.	3.7	68
12	A Communication-Based Appliance Scheduling Scheme for Consumer-Premise Energy Management Systems. IEEE Transactions on Smart Grid, 2013, 4, 56-65.	9.0	66
13	Forecasting, hindcasting and feature selection of ocean waves via recurrent and sequence-to-sequence networks. Ocean Engineering, 2020, 207, 107424.	4.3	48
14	The impact of ordering behavior on order-quantity variability: a study of forward and reverse bullwhip effects. Flexible Services and Manufacturing Journal, 2008, 20, 95-124.	3.4	42
15	Models for Reliable Supply Chain Network Design. , 2007, , 257-289.		40
16	OR/MS Models for Supply Chain Disruptions: A Review. SSRN Electronic Journal, 0, , .	0.4	39
17	Inventory sharing under decentralized preventive transshipments. Naval Research Logistics, 2010, 57, 540-562.	2.2	35
18	Covering Problems. Profiles in Operations Research, 2011, , 109-135.	0.4	28

#	ARTICLE	IF	CITATIONS
19	A Reliable Budget-Constrained FL/ND Problem with Unreliable Facilities. Networks and Spatial Economics, 2014, 14, 549-580.	1.6	28
20	Bullwhip and reverse bullwhip effects under the rationing game. Naval Research Logistics, 2017, 64, 203-216.	2.2	23
21	Feature engineering and forecasting via derivative-free optimization and ensemble of sequence-to-sequence networks with applications in renewable energy. Energy, 2020, 196, 117136.	8.8	21
22	A Multi-Objective Approach to the Competitive Facility Location Problem. Procedia Computer Science, 2017, 108, 1434-1442.	2.0	15
23	Heuristics for Base-Stock Levels in Multi-Echelon Distribution Networks. Production and Operations Management, 2017, 26, 1760-1777.	3.8	12
24	A New Heuristic Formulation for a Competitive Maximal Covering Location Problem. Transportation Science, 2018, 52, 1156-1173.	4.4	12
25	Pricing during Disruptions: Order Variability versus Profit. Decision Sciences, 2020, , .	4.5	9
26	Transshipment policies for systems with multiple retailers and two demand classes. OR Spectrum, 2018, 40, 159-186.	3.4	8
27	The impact of US tax depreciation law on asset location and ownership decisions. Computers and Operations Research, 2007, 34, 3560-3568.	4.0	7
28	A p-Robust Capacitated Network Design Model with Facility Disruptions. Lecture Notes in Business Information Processing, 2010, , 269-280.	1.0	6
29	Models for production planning under power interruptions. Naval Research Logistics, 2013, 60, 413-431.	2.2	6
30	Generation and storage dispatch in electricity networks with generator disruptions. Naval Research Logistics, 2015, 62, 493-511.	2.2	6
31	A two-phase heuristic algorithm for designing reliable capacitated logistics networks under disruptions. European Journal of Industrial Engineering, 2017, 11, 425.	0.8	5
32	Modeling and Detection of Future Cyber-Enabled DSM Data Attacks. Energies, 2020, 13, 4331.	3.1	5
33	Nash equilibrium sorting genetic algorithm for simultaneous competitive maximal covering location with multiple players. Engineering Optimization, 0, , 1-15.	2.6	5
34	Practical optimal control of a wave-energy converter in regular wave environments. Renewable Energy, 2021, 171, 1382-1394.	8.9	3
35	Stochastic Optimal Power Flow Under Forecast Errors and Failures in Communication. IEEE Transactions on Smart Grid, 2019, 10, 4128-4137.	9.0	1
36	Optimization of Inventory and Distribution for Hip and Knee Joint Replacements via Multistage Stochastic Programming. Springer Proceedings in Mathematics and Statistics, 2019, , 139-155.	0.2	1

#	ARTICLE	IF	CITATIONS
37	Optimal scheduling of networked energy storages. , 2015, , .		0
38	C.H. Robinson Uses Heuristics to Solve Rich Vehicle Routing Problems. INFORMS Journal on Applied Analytics, 2022, 52, 173-188.	1.1	0