

# Lawrence V Snyder

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

3,389  
citations

516215

16  
h-index

454577

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.   | 2.6 | 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.   | 2.8 | 289       |
| 5  | Stochastic-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.                                  | 2.1 | 77        |
| 10 | Applying deep learning to the newsvendor problem. IIE Transactions, 2020, 52, 444-463.   | 1.6 | 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.                | 2.3 | 68        |
| 12 | A Communication-Based Appliance Scheduling Scheme for Consumer-Premise Energy Management Systems. IEEE Transactions on Smart Grid, 2013, 4, 56-65.                             | 6.2 | 66        |
| 13 | Forecasting, hindcasting and feature selection of ocean waves via recurrent and sequence-to-sequence networks. Ocean Engineering, 2020, 207, 107424.                           | 1.9 | 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. | 1.9 | 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.  | 1.4 | 35        |
| 18 | Covering Problems. Profiles in Operations Research, 2011, , 109-135.   | 0.3 | 28        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | A Reliable Budget-Constrained FL/ND Problem with Unreliable Facilities. <i>Networks and Spatial Economics</i> , 2014, 14, 549-580.   | 0.7 | 28        |
| 20 | Bullwhip and reverse bullwhip effects under the rationing game. <i>Naval Research Logistics</i> , 2017, 64, 203-216.   | 1.4 | 23        |
| 21 | Feature engineering and forecasting via derivative-free optimization and ensemble of sequence-to-sequence networks with applications in renewable energy. <i>Energy</i> , 2020, 196, 117136.       | 4.5 | 21        |
| 22 | A Multi-Objective Approach to the Competitive Facility Location Problem. <i>Procedia Computer Science</i> , 2017, 108, 1434-1442.  | 1.2 | 15        |
| 23 | Heuristics for Base-Stock Levels in Multi-Echelon Distribution Networks. <i>Production and Operations Management</i> , 2017, 26, 1760-1777.  | 2.1 | 12        |
| 24 | A New Heuristic Formulation for a Competitive Maximal Covering Location Problem. <i>Transportation Science</i> , 2018, 52, 1156-1173.  | 2.6 | 12        |
| 25 | Pricing during Disruptions: Order Variability versus Profit. <i>Decision Sciences</i> , 2020, , .  | 3.2 | 9         |
| 26 | Transshipment policies for systems with multiple retailers and two demand classes. <i>OR Spectrum</i> , 2018, 40, 159-186.   | 2.1 | 8         |
| 27 | The impact of US tax depreciation law on asset location and ownership decisions. <i>Computers and Operations Research</i> , 2007, 34, 3560-3568.   | 2.4 | 7         |
| 28 | A p-Robust Capacitated Network Design Model with Facility Disruptions. <i>Lecture Notes in Business Information Processing</i> , 2010, , 269-280.  | 0.8 | 6         |
| 29 | Models for production planning under power interruptions. <i>Naval Research Logistics</i> , 2013, 60, 413-431.   | 1.4 | 6         |
| 30 | Generation and storage dispatch in electricity networks with generator disruptions. <i>Naval Research Logistics</i> , 2015, 62, 493-511.   | 1.4 | 6         |
| 31 | A two-phase heuristic algorithm for designing reliable capacitated logistics networks under disruptions. <i>European Journal of Industrial Engineering</i> , 2017, 11, 425.                        | 0.5 | 5         |
| 32 | Modeling and Detection of Future Cyber-Enabled DSM Data Attacks. <i>Energies</i> , 2020, 13, 4331.   | 1.6 | 5         |
| 33 | Nash equilibrium sorting genetic algorithm for simultaneous competitive maximal covering location with multiple players. <i>Engineering Optimization</i> , 0, , 1-15.                              | 1.5 | 5         |
| 34 | Practical optimal control of a wave-energy converter in regular wave environments. <i>Renewable Energy</i> , 2021, 171, 1382-1394.   | 4.3 | 3         |
| 35 | Stochastic Optimal Power Flow Under Forecast Errors and Failures in Communication. <i>IEEE Transactions on Smart Grid</i> , 2019, 10, 4128-4137.   | 6.2 | 1         |
| 36 | Optimization of Inventory and Distribution for Hip and Knee Joint Replacements via Multistage Stochastic Programming. <i>Springer Proceedings in Mathematics and Statistics</i> , 2019, , 139-155. | 0.1 | 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. | 0.7 | 0         |