Karen Smilowitz

List of Publications by Year
in descending order

38 papers	1,599 citations	567281 15 h-index	377865 34 g-index
42 all docs	42 docs citations	42 times ranked	1315 citing authors

#	Article	IF	Citations
1	Characterizing visitor engagement behavior at large-scale events: Activity sequence clustering and ranking using GPS tracking data. Tourism Management, 2022, 88, 104421.	9.8	4
2	A Bounded Formulation for The School Bus Scheduling Problem. Transportation Science, 2022, 56, 1148-1164.	4.4	2
3	Potential for a logistics island to circumvent container port congestion in a constrained environment. Transport Policy, 2020, 86, 50-59.	6.6	3
4	A study of the lock-free tour problem and path-based reformulations. IISE Transactions, 2020, 52, 603-616.	2.4	0
5	Managing virtual appointments in chronic care. IISE Transactions on Healthcare Systems Engineering, 2020, 10, 1-17.	1.7	7
6	Partial Demand Information and Commitment in Dynamic Transportation Procurement. Transportation Science, 2020, 54, 588-605.	4.4	5
7	On the Use of Operations Research and Management in Public Education Systems. , 2020, , 84-105.		5
8	SAFE: A Comprehensive Data Visualization System. Interfaces, 2019, 49, 249-261.	1.5	3
9	Incorporating equity into the school bus scheduling problem. Transportation Research, Part E: Logistics and Transportation Review, 2019, 131, 228-246.	7.4	15
10	The Covering Path Problem on a Grid. Transportation Science, 2019, 53, 1656-1672.	4.4	2
11	Incomplete information imputation in limited data environments with application to disaster response. European Journal of Operational Research, 2018, 269, 466-485.	5.7	38
12	Advancements in continuous approximation models for logistics and transportation systems: 1996–2016. Transportation Research Part B: Methodological, 2018, 107, 229-252.	5.9	75
13	Adaptive orienteering problem with stochastic travel times. Transportation Research, Part E: Logistics and Transportation Review, 2018, 109, 1-19.	7.4	21
14	A periodic location routing problem for collaborative recycling. IISE Transactions, 2017, 49, 414-428.	2.4	17
15	Comments on: Continuous approximation models in freight distribution management. Top, 2017, 25, 440-442.	1.6	1
16	Developing a Data Visualization System for the Bank of America Chicago Marathon (Chicago, Illinois) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.3	9
17	Stratified patient appointment scheduling for mobile community-based chronic disease management programs. IIE Transactions on Healthcare Systems Engineering, 2016, 6, 65-78.	0.8	10
18	Capturing Real-Time Data in Disaster Response Logistics. Journal of Operations and Supply Chain Management, 2016, 9, 23-54.	0.3	16

#	ARTICLE	IF	CITATIONS
19	Data Value in Patient Tracking Systems at Racing Events. Medicine and Science in Sports and Exercise, 2015, 47, 2014-2023.	0.4	4
20	Multi-vehicle sequential resource allocation for a nonprofit distribution system. IIE Transactions, 2014, 46, 1279-1297.	2.1	41
21	Acute Incident Rapid Response at a Mass-Gathering Event Through Comprehensive Planning Systems: A Case Report from the 2013 Shamrock Shuffle. Prehospital and Disaster Medicine, 2014, 29, 320-325.	1.3	10
22	Workforce Management in Periodic Delivery Operations. Transportation Science, 2013, 47, 214-230.	4.4	59
23	Improving Health Outcomes Through Better Capacity Allocation in a Community-Based Chronic Care Model. Operations Research, 2013, 61, 1277-1294.	1.9	70
24	Dynamic fleet scheduling with uncertain demand and customer flexibility. Computational Management Science, 2012, 9, 459-481.	1.3	2
25	Models for relief routing: Equity, efficiency and efficacy. Transportation Research, Part E: Logistics and Transportation Review, 2012, 48, 2-18.	7.4	247
26	Improving fleet utilization for carriers by interval scheduling. European Journal of Operational Research, 2012, 218, 261-269.	5.7	14
27	Supply Chain Broker Operations. Transportation Research Record, 2011, 2224, 1-7.	1.9	4
28	An Efficient and Robust Design for Transshipment Networks. Production and Operations Management, 2011, 20, 699-713.	3.8	25
29	Last Mile Distribution in Humanitarian Relief. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2008, 12, 51-63.	4.2	434
30	Hub-and-spoke network alliances and mergers: Price-location competition in the airline industry. Transportation Research Part B: Methodological, 2007, 41, 394-409.	5.9	86
31	Flexibility and complexity in periodic distribution problems. Naval Research Logistics, 2007, 54, 136-150.	2.2	38
32	Improved modeling and solution methods for the multi-resource routing problem. European Journal of Operational Research, 2007, 180, 1045-1059.	5.7	38
33	The Period Vehicle Routing Problem with Service Choice. Transportation Science, 2006, 40, 439-454.	4.4	129
34	Multi-resource routing with flexible tasks: an application in drayage operations. IIE Transactions, 2006, 38, 577-590.	2.1	63
35	Modeling techniques for periodic vehicle routing problems. Transportation Research Part B: Methodological, 2006, 40, 872-884.	5.9	85
36	Optimal Inspection and Maintenance Policies for Infrastructure Systems: Facility and Network Problems. Transportation Research Record, 1999, 1667, 1-7.	1.9	4

#	Article	IF	Citations
37	Demand Visibility and Capacity Pooling With Temporal Commitments. SSRN Electronic Journal, 0, , .	0.4	1
38	The Value of Information and Flexibility with Temporal Commitments. Manufacturing and Service Operations Management, 0, , .	3.7	1