

# Christian Fikar

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,062  
citations

623188

14  
h-index

476904

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

915  
citing authors

#	ARTICLE	IF	CITATIONS
1	Home health care routing and scheduling: A review. <i>Computers and Operations Research</i> , 2017, 77, 86-95.	2.4	316
2	A matheuristic for routing real-world home service transport systems facilitating walking. <i>Journal of Cleaner Production</i> , 2015, 105, 300-310.	4.6	101
3	A decision support system for coordinated disaster relief distribution. <i>Expert Systems With Applications</i> , 2016, 57, 104-116.	4.4	68
4	A decision support system to investigate food losses in e-grocery deliveries. <i>Computers and Industrial Engineering</i> , 2018, 117, 282-290.	3.4	67
5	A discrete-event driven metaheuristic for dynamic home service routing with synchronised trip sharing. <i>European Journal of Industrial Engineering</i> , 2016, 10, 323.	0.5	63
6	Understanding the impact of cascade effects of natural disasters on disaster relief operations. <i>International Journal of Disaster Risk Reduction</i> , 2015, 12, 350-356.	1.8	62
7	Supporting multi-depot and stochastic waste collection management in clustered urban areas via simulationâ€“optimization. <i>Journal of Simulation</i> , 2017, 11, 11-19.	1.0	56
8	Agent-based simulation for horizontal cooperation in logistics and transportation: From the individual to the grand coalition. <i>Simulation Modelling Practice and Theory</i> , 2018, 85, 47-59.	2.2	51
9	A decision support system to investigate dynamic last-mile distribution facilitating cargo-bikes. <i>International Journal of Logistics Research and Applications</i> , 2018, 21, 300-317.	5.6	49
10	Agent-based simulation optimization for dynamic disaster relief distribution. <i>Central European Journal of Operations Research</i> , 2018, 26, 423-442.	1.1	31
11	Facilitating consumer preferences and product shelf life data in the design of e-grocery deliveries. <i>European Journal of Operational Research</i> , 2021, 294, 976-986.	3.5	26
12	An analysis of compounding factors of epidemics in complex emergencies: a system dynamics approach. <i>Journal of Humanitarian Logistics and Supply Chain Management</i> , 2021, 11, 198-226.	1.7	21
13	Impact of transalpine rail network disruptions: A study of the Brenner Pass. <i>Journal of Transport Geography</i> , 2016, 54, 122-131.	2.3	18
14	A biasedâ€“randomized algorithm for redistribution of perishable food inventories in supermarket chains. <i>International Transactions in Operational Research</i> , 2019, 26, 2077-2095.	1.8	18
15	Challenges of maintaining and diffusing grassroots innovations in alternative food networks: A systems thinking approach. <i>Journal of Cleaner Production</i> , 2021, 317, 128407.	4.6	17
16	Training decision-makers in flood response with system dynamics. <i>Disaster Prevention and Management</i> , 2016, 25, 118-136.	0.6	14
17	A Decision Support System for Efficient Last-Mile Distribution of Fresh Fruits and Vegetables as Part of E-Grocery Operations. , 2018, , .		12
18	A simulation model to investigate impacts of facilitating quality data within organic fresh food supply chains. <i>Annals of Operations Research</i> , 2022, 314, 529-550.	2.6	11

#	ARTICLE	IF	CITATIONS
19	A decision support system to facilitate collaborative supply of food cooperatives. <i>Production Planning and Control</i> , 2021, 32, 1179-1190.	5.8	11
20	Evaluation of trip and car sharing concepts for home health care services. <i>Flexible Services and Manufacturing Journal</i> , 2018, 30, 78-97.	1.9	10
21	The role of horizontal cooperation to improve service quality in last-mile distribution. <i>International Journal of Simulation and Process Modelling</i> , 2018, 13, 299.	0.1	7
22	Resource deployment under consideration of conflicting needs in times of river floods. <i>Disaster Prevention and Management</i> , 2016, 25, 649-663.	0.6	6
23	Analysing the impact of value added services at intermodal inland terminals. <i>International Journal of Logistics Research and Applications</i> , 2020, 23, 159-177.	5.6	6
24	A simulation study to evaluate economic and environmental effects of different unloading infrastructure in an urban retail street. <i>Computers and Industrial Engineering</i> , 2019, 137, 106032.	3.4	5
25	Bi-objective optimization of e-grocery deliveries considering food quality losses. <i>Computers and Industrial Engineering</i> , 2022, 163, 107848.	3.4	4
26	Simulating Fresh Food Supply Chains by Integrating Product Quality. <i>Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR</i> , 2018, , 671-676.	0.1	3
27	Facilitating Resilience during an African Swine Fever Outbreak in the Austrian Pork Supply Chain through Hybrid Simulation Modelling. <i>Agriculture (Switzerland)</i> , 2022, 12, 352.	1.4	3
28	The role of horizontal cooperation to improve service quality in last-mile distribution. <i>International Journal of Simulation and Process Modelling</i> , 2018, 13, 299.	0.1	2
29	Evaluation of field visit planning heuristics during rapid needs assessment in an uncertain post-disaster environment. <i>Annals of Operations Research</i> , 0, , 1.	2.6	2
30	Practice Summary: Deriving the Optimal Location of a Biorefinery in Northern Spain. <i>Interfaces</i> , 2018, 48, 596-600.	1.6	1
31	Model-driven decision support to facilitate efficient fresh food deliveries. <i>Bodenkultur</i> , 2020, 71, 1-9.	0.1	1