

Caroline C Krejci

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34 papers	717 citations	10 h-index	26 g-index
41 ext. papers	867 ext. citations	3.2 avg, IF	4.3 L-index

#	Paper	IF	Citations
34	An Agent-Based Model of Digitally-Mediated Farmer Transportation Collaboration. <i>Springer Proceedings in Complexity</i> , 2021 , 245-264	0.3	
33	Assessing the Potential of Crowd-Shipping for Food Rescue Logistics Using Agent-Based Modeling. <i>Springer Proceedings in Complexity</i> , 2021 , 39-56	0.3	
32	Crowd-shipping for urban food rescue logistics. <i>International Journal of Physical Distribution and Logistics Management</i> , 2021 , 51, 486-507	5.2	2
31	Iowa Urban FEWS: Integrating Social and Biophysical Models for Exploration of Urban Food, Energy, and Water Systems. <i>Frontiers in Big Data</i> , 2021 , 4, 662186	2.8	2
30	Resilient regional food supply chains and rethinking the way forward: Key takeaways from the COVID-19 pandemic. <i>Agricultural Systems</i> , 2021 , 190, 103101	6.1	20
29	Transition Toward a Circular Economy Through Surplus Food Management. <i>Environmental Footprints and Eco-design of Products and Processes</i> , 2021 , 245-260	0.9	
28	Understanding the Impact of Farmer Autonomy on Transportation Collaboration Using Agent-Based Modeling. <i>Springer Proceedings in Complexity</i> , 2020 , 201-213	0.3	1
27	An urban modelling framework for climate resilience in low-resource neighbourhoods. <i>Buildings and Cities</i> , 2020 , 1, 453-474	3.3	2
26	A multi-criteria decision analysis for the public distribution system of food grains in Indian Punjab: Towards decentralized food policies in developing countries. <i>Journal of Multi-Criteria Decision Analysis</i> , 2020 , 27, 236-251	1.9	3
25	A Multi-Objective Model for Sustainable Perishable Food Distribution Considering the Impact of Temperature on Vehicle Emissions and Product Shelf Life. <i>Sustainability</i> , 2020 , 12, 6668	3.6	4
24	Analyzing residential weatherization decisions using hybrid simulation modeling. <i>Building Simulation</i> , 2019 , 12, 517-534	3.9	2
23	An agent-based approach to designing residential renewable energy systems. <i>Renewable and Sustainable Energy Reviews</i> , 2019 , 112, 1008-1020	16.2	15
22	An agent-based approach to modeling zero energy communities. <i>Solar Energy</i> , 2019 , 191, 193-204	6.8	20
21	Agents of change together: Using agent-based models to inspire social capital building for resilient communities. <i>Community Development</i> , 2019 , 50, 256-272	1.1	5
20	Panel - Towards Conceptual Modeling for Hybrid Simulation: Setting the Scene 2019 ,		2
19	An Agent-based Model of Surplus Food Rescue Using Crowd-shipping 2019 ,		4
18	A hybrid simulation modeling framework for regional food hubs. <i>Journal of Simulation</i> , 2019 , 13, 28-43	1.9	10

17	Logistics Best Practices for Regional Food Systems: A Review. <i>Sustainability</i> , 2018 , 10, 168	3.6	26
16	Energy Use and Weatherization Practices: Applications for Agent-Based Modeling to Support Vulnerable Populations. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2018 , 62, 676-680	0.4	2
15	A hybrid simulation model of helping behavior 2017 ,		2
14	Integrating consumer preferences in renewable energy expansion planning using agent-based modeling 2017 ,		2
13	Best Practices for Engaging Underserved Populations. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2017 , 61, 130-134	0.4	6
12	Consumer-adoption Modeling of Distributed Solar Using an Agent-based Approach 2017 ,		1
11	Using hybrid simulation modeling to assess the dynamics of compassion fatigue in veterinarian general practitioners 2016 ,		1
10	Analysis of Food Hub Commerce and Participation Using Agent-Based Modeling: Integrating Financial and Social Drivers. <i>Human Factors</i> , 2016 , 58, 58-79	3.8	10
9	A hybrid simulation model for urban weatherization programs 2016 ,		2
8	A hybrid simulation model of inbound logistics operations in regional food supply systems 2015 ,		15
7	Hybrid simulation modeling for humanitarian relief chain coordination. <i>Journal of Humanitarian Logistics and Supply Chain Management</i> , 2015 , 5, 325-347	2.4	19
6	Impacts of Farmer Coordination Decisions on Food Supply Chain Structure. <i>Jasss</i> , 2015 , 18,	4.8	14
5	Modeling food supply chains using multi-agent simulation 2012 ,		8
4	Coordination in humanitarian relief chains: Practices, challenges and opportunities. <i>International Journal of Production Economics</i> , 2010 , 126, 22-34	9.3	511
3	Engaged Science and Working with Youth for Sustainable Cities: A Partnership Between East High Cares and an Iowa State University Research Team		2
2	Entering the community of practice: changes in engineering students' engineering identities and perceptions of the field. <i>European Journal of Engineering Education</i> , 1-19	1.5	0
1	Understanding the Joint Development of Engineering and Leadership Identities. <i>EMJ - Engineering Management Journal</i> , 1-11	1.9	1