Christopher W Zobel

List of Publications by Year
in descending order

61	2,204	318942	263392
papers	citations	23 h-index	45 g-index

64	64	64	2142
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A multi-attribute supply chain network resilience assessment framework based on SNA-inspired indicators. Operational Research, 2022, 22, 1853-1883.	1.3	6
2	Organizational Resilience to Disruption Risks: Developing Metrics and Testing Effectiveness of Operational Strategies. Risk Analysis, 2022, 42, 561-579.	1.5	12
3	The roles of prior experience and the location on the severity of supply chain disruptions. International Journal of Production Research, 2022, 60, 5051-5070.	4.9	11
4	Critical Time, Space, and Decisionâ€Making Agent Considerations in Humanâ€Centered Interdisciplinary Hurricaneâ€Related Research. Risk Analysis, 2021, 41, 1218-1226.	1.5	8
5	Building an Interdisciplinary Team for Disaster Response Research: A Dataâ€Driven Approach. Risk Analysis, 2021, 41, 1145-1151.	1.5	17
6	Assessing the extended impacts of supply chain disruptions on firms: An empirical study. International Journal of Production Economics, 2021, 231, 107862.	5.1	40
7	Establishing a frame of reference for measuring disaster resilience. Decision Support Systems, 2021, 140, 113406.	3.5	18
8	An applied approach to multi-criteria humanitarian supply chain planning for pandemic response. Journal of Humanitarian Logistics and Supply Chain Management, 2021, 11, 320-346.	1.7	30
9	Optimal Investment in Prevention and Recovery for Mitigating Epidemic Risks. Risk Analysis, 2021, , .	1.5	7
10	Analytically comparing disaster resilience across multiple dimensions. Socio-Economic Planning Sciences, 2020, 69, 100678.	2.5	19
11	Emergency department resilience to disasterâ€level overcrowding: A component resilience framework for analysis and predictive modeling. Journal of Operations Management, 2020, 66, 54-66.	3.3	17
12	Network characteristics and supply chain resilience under conditions of risk propagation. International Journal of Production Economics, 2020, 223, 107529.	5.1	101
13	Sourcing Decisions under Conditions of Risk and Resilience: A Behavioral Study. Decision Sciences, 2020, 51, 985-1014.	3.2	18
14	Exploring supply chain network resilience in the presence of the ripple effect. International Journal of Production Economics, 2020, 228, 107693.	5.1	145
15	Social vulnerability and equity perspectives on interdependent infrastructure network component importance. Sustainable Cities and Society, 2020, 57, 102072.	5.1	46
16	A Riskâ€Based Approach to Improving Disaster Relief Asset Preâ€Positioning. Production and Operations Management, 2019, 28, 457-478.	2.1	31
17	An Approach for Quantifying the Multidimensional Nature of Disaster Resilience in the Context of Municipal Service Provision. Urban Book Series, 2018, , 239-259.	0.3	3
18	Supply chain risk and resilience: theory building through structured experiments and simulation. International Journal of Production Research, 2018, 56, 4337-4355.	4.9	146

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19	Collaborative Emergency Supply Chains for Essential Goods and Services. Urban Book Series, 2018, , 145-168.	0.3	6
20	Defining resilience analytics for interdependent cyber-physical-social networks. Sustainable and Resilient Infrastructure, 2017, 2, 59-67.	1.7	61
21	Value of supply disruption information and information accuracy. Journal of Purchasing and Supply Management, 2017, 23, 191-201.	3.1	15
22	Embracing human noise as resilience indicator: twitter as power grid correlate. Sustainable and Resilient Infrastructure, 2017, 2, 169-178.	1.7	9
23	Investigation of Material Convergence in the September 2013 Colorado Floods. Natural Hazards Review, 2016, 17, .	0.8	15
24	Allocating Resources to Enhance Resilience, with Application to Superstorm Sandy and an Electric Utility. Risk Analysis, 2016, 36, 847-862.	1.5	39
25	Decision support for long-range, community-based planning to mitigate against and recover from potential multiple disasters. Decision Support Systems, 2016, 87, 13-25.	3.5	9
26	Humanitarian Research and Managing Humanitarian Operations. Profiles in Operations Research, 2016, , 1-7.	0.3	5
27	Economic impact of production bottlenecks caused by disasters impacting interdependent industry sectors. International Journal of Production Economics, 2015, 168, 71-80.	5.1	35
28	Analyzing Economic Indicators of Disaster Resilience Following Hurricane Katrina. International Journal of Business Analytics, 2014, 1, 67-83.	0.2	2
29	Making sense of transient responses in simulation studies. International Journal of Production Research, 2014, 52, 617-632.	4.9	21
30	Characterizing multi-event disaster resilience. Computers and Operations Research, 2014, 42, 83-94.	2.4	169
31	Static and dynamic metrics of economic resilience for interdependent infrastructure and industry sectors. Reliability Engineering and System Safety, 2014, 125, 92-102.	5.1	115
32	Assessing Innovations in Cloud Security. Journal of Computer Information Systems, 2014, 54, 45-56.	2.0	16
33	Quantitatively Representing Nonlinear Disaster Recovery. Decision Sciences, 2014, 45, 1053-1082.	3.2	36
34	Recursive voids for identifying a nonconvex boundary of a set of points in the plane. Pattern Recognition, 2013, 46, 3288-3299.	5.1	4
35	Creating a Taxonomy for Mobile Commerce Innovations Using Social Network and Cluster Analyses. International Journal of Electronic Commerce, 2012, 16, 19-52.	1.4	43
36	An optimization model for volunteer assignments in humanitarian organizations. Socio-Economic Planning Sciences, 2012, 46, 250-260.	2.5	77

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37	An optimization model for regional renewable energy development. Renewable and Sustainable Energy Reviews, 2012, 16, 4606-4615.	8.2	86
38	Community DECISIONS: Stakeholder focused watershed planning. Journal of Environmental Management, 2012, 112, 226-232.	3.8	16
39	Quantifying Cyberinfrastructure Resilience against Multiâ€Event Attacks. Decision Sciences, 2012, 43, 687-710.	3.2	54
40	A twoâ€stage procurement model for humanitarian relief supply chains. Journal of Humanitarian Logistics and Supply Chain Management, 2011, 1, 151-169.	1.7	113
41	Helping a Small Development Organization Manage Volunteers More Efficiently. Interfaces, 2011, 41, 254-262.	1.6	13
42	The role of public policy in optimizing renewable energy development in the greater southern Appalachian mountains. Renewable and Sustainable Energy Reviews, 2011, 15, 3690-3702.	8.2	17
43	Representing perceived tradeoffs in defining disaster resilience. Decision Support Systems, 2011, 50, 394-403.	3.5	252
44	Evaluation of neural network variable influence measures for process control. Engineering Applications of Artificial Intelligence, 2011, 24, 803-812.	4.3	34
45	Spatial analysis of renewable energy potential in the greater southern Appalachian mountains. Renewable Energy, 2011, 36, 2785-2798.	4.3	42
46	Stakeholder ranking of watershed goals with the vector analytic hierarchy process: Effects of participant grouping scenarios. Environmental Modelling and Software, 2010, 25, 1459-1469.	1.9	31
47	A Simple Approach to Implementing and Training Neural Networks in Excel. Decision Sciences Journal of Innovative Education, 2010, 8, 143-149.	0.5	7
48	Disaster risk management for critical infrastructure: a services-based viewpoint. International Journal of Services Sciences, 2009, 2, 189.	0.0	3
49	Neural network-based simulation metamodels for predicting probability distributions. Computers and Industrial Engineering, 2008, 54, 879-888.	3.4	24
50	Soil Improvement for Mitigation of Damage During the 1999 Kocaeli Earthquake. Journal of Earthquake Engineering, 2008, 12, 211-221.	1.4	5
51	Data-Driven Classification Using Boundary Observations. Decision Sciences, 2006, 37, 247-262.	3.2	7
52	Environmental statistical process control using an augmented neural network classification approach. European Journal of Operational Research, 2006, 174, 1631-1642.	3.5	14
53	Creating offshore-ready it professionals: A global perspective and strong collaborative skills are needed. Journal of Labor Research, 2006, 27, 275-290.	0.5	10
54	A multi-agent system for supporting the electronic contracting of food grains. Computers and Electronics in Agriculture, 2005, 48, 123-137.	3.7	16

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55	Automated merging of conflicting knowledge bases, using a consistent, majority-rule approach with knowledge-form maintenance. Computers and Operations Research, 2005, 32, 1809-1829.	2.4	6
56	An empirical study of policy convergence in Markov decision process value iteration. Computers and Operations Research, 2005, 32, 127-142.	2.4	9
57	The Ordered Cutting Stock Problem. Decision Sciences, 2004, 35, 83-100.	3.2	14
58	An augmented neural network classification approach to detecting mean shifts in correlated manufacturing process parameters. International Journal of Production Research, 2004, 42, 741-758.	4.9	25
59	Visualization of multivariate data with radial plots using SAS. Computers and Industrial Engineering, 2001, 41, 17-35.	3.4	13
60	Utilization of neural networks for the recognition of variance shifts in correlated manufacturing process parameters. International Journal of Production Research, 2001, 39, 3881-3887.	4.9	36
61	Determining a warm-up period for a telephone network routing simulation. , 1999, , .		1