

Scott B Miles

List of Publications by Year in descending order

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37
papers

1,185
citations

471371

17
h-index

552653

26
g-index

39
all docs

39
docs citations

39
times ranked

1153
citing authors

#	ARTICLE	IF	CITATIONS
1	Infrastructure recovery curve estimation using Gaussian process regression on expert elicited data. Reliability Engineering and System Safety, 2022, 217, 108054.	5.1	8
2	Physical activity monitoring data following disasters. Sustainable Cities and Society, 2022, 81, 103814.	5.1	0
3	Review of Empirical Quantitative Data Use in Lifeline Infrastructure Restoration Modeling. Natural Hazards Review, 2021, 22, .	0.8	5
4	How did outdoor biking and walking change during COVID-19?: A case study of three U.S. cities. PLoS ONE, 2021, 16, e0245514.	1.1	54
5	Capturing Geotechnical Extreme Event Performance with the NHERI RAPID. , 2021, , .		0
6	Research Needs, Challenges, and Strategic Approaches for Natural Hazards and Disaster Reconnaissance. Frontiers in Built Environment, 2020, 6, .	1.2	30
7	Daily Bicycle and Pedestrian Activity as an Indicator of Disaster Recovery: A Hurricane Harvey Case Study. International Journal of Environmental Research and Public Health, 2019, 16, 2836.	1.2	8
8	Using discrete event simulation to build a housing recovery simulation model for the 2015 Nepal earthquake. International Journal of Disaster Risk Reduction, 2019, 35, 101075.	1.8	12
9	A framework and case study for integrating household decision-making into post-earthquake recovery models. International Journal of Disaster Risk Reduction, 2019, 37, 101167.	1.8	16
10	Community of Practice for Modeling Disaster Recovery. Natural Hazards Review, 2019, 20, .	0.8	41
11	Toward Human-Centered Simulation Modeling for Critical Infrastructure Disaster Recovery Planning. , 2018, , .		4
12	Participatory Disaster Recovery Simulation Modeling for Community Resilience Planning. International Journal of Disaster Risk Science, 2018, 9, 519-529.	1.3	28
13	Natural Language Processing for Analyzing Disaster Recovery Trends Expressed in Large Text Corpora. , 2018, , .		3
14	Integrating Performance-Based Engineering and Urban Simulation to Model Post-Earthquake Housing Recovery. Earthquake Spectra, 2018, 34, 1763-1785.	1.6	27
15	Lessons from Mexico's Earthquake Early Warning System. Eos, 2018, 99, .	0.1	34
16	Hurricane Isaac Power Outage Impacts and Restoration. Journal of Infrastructure Systems, 2016, 22, .	1.0	24
17	U.S. Earthquake Policy Activity and Coverage. Earthquake Spectra, 2016, 32, 633-649.	1.6	2
18	Simulating disaster recovery as discrete event processes using python. , 2015, , .		12

#	ARTICLE	IF	CITATIONS
19	Foundations of community disaster resilience: well-being, identity, services, and capitals. <i>Environmental Hazards</i> , 2015, 14, 103-121.	1.4	60
20	Theorizing Community Resilience to Improve Computational Modeling. , 2014, , .		5
21	Socio-Technical Impacts of Hurricane Isaac Power Restoration. , 2014, , .		5
22	Restoration and Impacts from the September 8, 2011, San Diego Power Outage. <i>Journal of Infrastructure Systems</i> , 2014, 20, .	1.0	22
23	Evaluating post-disaster ecosystem resilience using MODIS GPP data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2013, 21, 43-52.	1.4	42
24	Modeling and Geo-Visualizing the Role of Infrastructure in Community Disaster Resilience. , 2013, , .		3
25	A Preliminary Longitudinal Study of Lifeline Seismic Improvement Programs. , 2013, , .		0
26	Disaster risk reduction capacity assessment for precarious settlements in Guatemala City. <i>Disasters</i> , 2012, 36, 365-381.	1.1	21
27	ResilUS: A Community Based Disaster Resilience Model. <i>Cartography and Geographic Information Science</i> , 2011, 38, 36-51.	1.4	122
28	The Role of Critical Infrastructure in Community Resilience to Disasters. , 2011, , .		11
29	Participatory model assessment of earthquake-induced landslide hazard models. <i>Natural Hazards</i> , 2011, 56, 749-766.	1.6	16
30	Social Impacts of the 12 January 2010 Haiti Earthquake. <i>Earthquake Spectra</i> , 2011, 27, 447-462.	1.6	11
31	Toward a Comprehensive Areal Model of Earthquake-Induced Landslides. <i>Natural Hazards Review</i> , 2009, 10, 19-28.	0.8	17
32	Evaluation of CAMEL " comprehensive areal model of earthquake-induced landslides. <i>Engineering Geology</i> , 2009, 104, 1-15.	2.9	76
33	Modeling Community Recovery from Earthquakes. <i>Earthquake Spectra</i> , 2006, 22, 439-458.	1.6	199
34	Evaluation of seismic slope-performance models using a regional case study. <i>Environmental and Engineering Geoscience</i> , 2000, 6, 25-39.	0.3	64
35	Applications and Issues of GIS as Tool for Civil Engineering Modeling. <i>Journal of Computing in Civil Engineering</i> , 1999, 13, 144-152.	2.5	71
36	Rigorous landslide hazard zonation using Newmark's method and stochastic ground motion simulation. <i>Soil Dynamics and Earthquake Engineering</i> , 1999, 18, 305-323.	1.9	121

#	ARTICLE	IF	CITATIONS
37	Comparison of Jurisdictional Seismic Resilience Planning Initiatives. PLOS Currents, 0, , .	1.4	5