

Sean Wilkinson

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

927
citations

687363

13
h-index

713466

21
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22
all docs

22
docs citations

22
times ranked

976
citing authors

#	ARTICLE	IF	CITATIONS
1	Power System Resilience to Extreme Weather: Fragility Modeling, Probabilistic Impact Assessment, and Adaptation Measures. IEEE Transactions on Power Systems, 2017, 32, 3747-3757.	6.5	394
2	Impact of Climate Change on Disruption to Urban Transport Networks from Pluvial Flooding. Journal of Infrastructure Systems, 2017, 23, .	1.8	94
3	Fragility Curves for Assessing the Resilience of Electricity Networks Constructed from an Extensive Fault Database. Natural Hazards Review, 2018, 19, .	1.5	68
4	Integrated Approach to Assess the Resilience of Future Electricity Infrastructure Networks to Climate Hazards. IEEE Systems Journal, 2018, 12, 3169-3180.	4.6	57
5	Natural hazards, disaster management and simulation: a bibliometric analysis of keyword searches. Natural Hazards, 2019, 97, 813-840.	3.4	36
6	Implications of the 2011 Great East Japan Tsunami on sea defence design. International Journal of Disaster Risk Reduction, 2015, 14, 332-346.	3.9	35
7	Review article: The spatial dimension in the assessment of urban socio-economic vulnerability related to geohazards. Natural Hazards and Earth System Sciences, 2020, 20, 1663-1687.	3.6	29
8	Observations and implications of damage from the magnitude Mw 6.3 Christchurch, New Zealand earthquake of 22 February 2011. Bulletin of Earthquake Engineering, 2013, 11, 107-140.	4.1	26
9	Assessment of the resilience of transmission networks to extreme wind events. , 2015, , .		25
10	Network theory for infrastructure systems modelling. Proceedings of the Institution of Civil Engineers: Engineering Sustainability, 2013, 166, 281-292.	0.7	19
11	Spatial structure and evolution of infrastructure networks. Sustainable Cities and Society, 2016, 27, 23-31.	10.4	19
12	Earthquake Reconnaissance Data Sources, a Literature Review. Earth, 2021, 2, 1006-1037.	2.2	17
13	Hazard tolerance of spatially distributed complex networks. Reliability Engineering and System Safety, 2017, 157, 1-12.	8.9	16
14	Improving human behaviour in macroscale city evacuation agent-based simulation. International Journal of Disaster Risk Reduction, 2021, 60, 102289.	3.9	16
15	A Spatial Network Model for Civil Infrastructure System Development. Computer-Aided Civil and Infrastructure Engineering, 2016, 31, 661-680.	9.8	15
16	Assessing post-disaster recovery using sentiment analysis: The case of L'Aquila, Italy. Earthquake Spectra, 2022, 38, 81-108.	3.1	14
17	Tsunami design procedures for engineered buildings: a critical review. Proceedings of the Institution of Civil Engineers: Civil Engineering, 2018, 171, 166-178.	0.3	13
18	Identifying archaeological evidence of past earthquakes in a contemporary disaster scenario: case studies of damage, resilience and risk reduction from the 2015 Gorkha Earthquake and past seismic events within the Kathmandu Valley UNESCO World Heritage Property (Nepal). Journal of Seismology, 2020, 24, 729-751.	1.3	12

#	ARTICLE	IF	CITATIONS
19	Experimental, numerical and field study investigating a heritage structure collapse after the 2015 Gorkha earthquake. <i>Natural Hazards</i> , 2020, 101, 231-253.	3.4	7
20	Intensity-Based Sentiment and Topic Analysis. The Case of the 2020 Aegean Earthquake. <i>Frontiers in Built Environment</i> , 2022, 8, .	2.3	6
21	Accuracy of a pre-trained sentiment analysis (SA) classification model on tweets related to emergency response and early recovery assessment: the case of 2019 Albanian earthquake. <i>Natural Hazards</i> , 2022, 113, 403-421.	3.4	5
22	Consequence forecasting: A rational framework for predicting the consequences of approaching storms. <i>Climate Risk Management</i> , 2022, 35, 100412.	3.2	4