

David Lallemant

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

728
citations

840585

11
h-index

610775

24
g-index

36
all docs

36
docs citations

36
times ranked

631
citing authors

#	ARTICLE	IF	CITATIONS
1	Order Matters: The Benefits of Ordinal Fragility Curves for Damage and Loss Estimation. Risk Analysis, 2022, 42, 1136-1148.	1.5	5
2	Learning From Success, Not Catastrophe: Using Counterfactual Analysis to Highlight Successful Disaster Risk Reduction Interventions. Frontiers in Earth Science, 2022, 10, .	0.8	6
3	Damage assessment for the 2018 lower East Rift Zone lava flows of K��lauea volcano, Hawai��i. Bulletin of Volcanology, 2022, 84, .	1.1	13
4	Remote sensing of volcanic impacts. , 2021, , 473-491.		4
5	Filling the Disaster Data Gap: Lessons from Cataloging Singapore��s Past Disasters. International Journal of Disaster Risk Science, 2021, 12, 188-204.	1.3	6
6	Becoming Interdisciplinary. Proceedings of the ACM on Human-Computer Interaction, 2021, 5, 1-27.	2.5	6
7	Tsunami damage to ports: cataloguing damage to create fragility functions from the 2011��Tohoku event. Natural Hazards and Earth System Sciences, 2021, 21, 1887-1908.	1.5	10
8	Towards Regional Scale Stormwater Flood Management Strategies through Rapid Preliminary Intervention Screening. Water (Switzerland), 2021, 13, 2027.	1.2	6
9	Nature-based solutions for flood risk reduction: A probabilistic modeling framework. One Earth, 2021, 4, 1310-1321.	3.6	21
10	Asia��s looming Black Elephant events. Communications Earth & Environment, 2021, 2, .	2.6	6
11	Invited perspectives: How machine learning will change flood risk and impact assessment. Natural Hazards and Earth System Sciences, 2020, 20, 1149-1161.	1.5	46
12	G-DIF: A geospatial data integration framework to rapidly estimate post-earthquake damage. Earthquake Spectra, 2020, 36, 1695-1718.	1.6	24
13	The Disaster and Climate Change Artathon. , 2020, , .		11
14	Modeling Downward Counterfactual Events: Unrealized Disasters and why they Matter. Frontiers in Earth Science, 2020, 8, .	0.8	19
15	Tephra cushioning of ballistic impacts: Quantifying building vulnerability through pneumatic cannon experiments and multiple fragility curve fitting approaches. Journal of Volcanology and Geothermal Research, 2019, 388, 106711.	0.8	13
16	Adaptive Decision Framework for Civil Infrastructure exposed to Evolving Risks. Procedia Engineering, 2018, 212, 435-442.	1.2	2
17	Adaptive decision-making for civil infrastructure systems and communities exposed to evolving risks. Structural Safety, 2018, 75, 1-12.	2.8	10
18	THE RISKS AND RESILIENCE OF CITIES. Exploring Complexity, 2018, , 65-71.	0.1	1

#	ARTICLE	IF	CITATIONS
19	A Framework and Case Study for Earthquake Vulnerability Assessment of Incrementally Expanding Buildings. Earthquake Spectra, 2017, 33, 1369-1384.	1.6	11
20	Measuring the Impact of Enhanced Building Performance on the Seismic Resilience of a Residential Community. Earthquake Spectra, 2017, 33, 1347-1367.	1.6	31
21	Framework for Incorporating Probabilistic Building Performance in the Assessment of Community Seismic Resilience. Journal of Structural Engineering, 2016, 142, .	1.7	134
22	Statistical procedures for developing earthquake damage fragility curves. Earthquake Engineering and Structural Dynamics, 2015, 44, 1373-1389.	2.5	158
23	Development of empirical and analytical fragility functions using kernel smoothing methods. Earthquake Engineering and Structural Dynamics, 2015, 44, 1163-1180.	2.5	55
24	A Beta Distribution Model for Characterizing Earthquake Damage State Distribution. Earthquake Spectra, 2015, 31, 1337-1352.	1.6	19
25	Development of empirical and analytical fragility functions using Gaussian kernel smoothing methods. , 2014, , 895-902.		2
26	Rapid post-earthquake damage estimation using remote-sensing and field-based damage data integration. , 2014, , 3399-3406.		0
27	The State of Haiti. Berkeley Planning Journal, 2011, 23, .	0.8	0
28	A Comprehensive Analysis of Building Damage in the 12 January 2010 Mw7 Haiti Earthquake Using High-Resolution Satellite and Aerial Imagery. Photogrammetric Engineering and Remote Sensing, 2011, 77, 997-1009.	0.3	78
29	Factors affecting earthquake respondersâ€™ building damage information needs and use. Earthquake Spectra, 0, , 875529302110302.	1.6	2