

Omar Daro Cardona

List of Publications by Citations

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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.

46
papers

1,746
citations

19
h-index

41
g-index

46
ext. papers

2,051
ext. citations

3
avg, IF

4.35
L-index

#	Paper	IF	Citations
46	Framing vulnerability, risk and societal responses: the MOVE framework. <i>Natural Hazards</i> , 2013 , 67, 193-211	3.11	491
45	Determinants of Risk: Exposure and Vulnerability65-108		191
44	Urban Seismic Risk Evaluation: A Holistic Approach. <i>Natural Hazards</i> , 2007 , 40, 137-172	3	144
43	A disaster risk management performance index. <i>Natural Hazards</i> , 2007 , 41, 1-20	3	115
42	Seismic vulnerability and risk evaluation methods for urban areas. A review with application to a pilot area. <i>Structure and Infrastructure Engineering</i> , 2010 , 6, 17-38	2.9	103
41	Climate Change: New Dimensions in Disaster Risk, Exposure, Vulnerability, and Resilience25-64		87
40	Scenarios for vulnerability: opportunities and constraints in the context of climate change and disaster risk. <i>Climatic Change</i> , 2015 , 133, 53-68	4.5	72
39	New methodology for urban seismic risk assessment from a holistic perspective. <i>Bulletin of Earthquake Engineering</i> , 2012 , 10, 547-565	3.7	58
38	Revealing the socioeconomic impact of small disasters in Colombia using the DesInventar database. <i>Disasters</i> , 2010 , 34, 552-70	2.8	47
37	Probabilistic earthquake risk assessment using CAPRA: application to the city of Barcelona, Spain. <i>Natural Hazards</i> , 2013 , 69, 59-84	3	45
36	Fully probabilistic seismic risk assessment considering local site effects for the portfolio of buildings in Medellín, Colombia. <i>Bulletin of Earthquake Engineering</i> , 2014 , 12, 671-695	3.7	36
35	Urban seismic risk index for Medellín, Colombia, based on probabilistic loss and casualties estimations. <i>Natural Hazards</i> , 2016 , 80, 1995-2021	3	32
34	Global risk assessment: A fully probabilistic seismic and tropical cyclone wind risk assessment. <i>International Journal of Disaster Risk Reduction</i> , 2014 , 10, 461-476	4.5	27
33	Computational Tool for Post-Earthquake Evaluation of Damage in Buildings. <i>Earthquake Spectra</i> , 2010 , 26, 63-86	3.4	26
32	Hybrid loss exceedance curve (HLEC) for disaster risk assessment. <i>Natural Hazards</i> , 2014 , 72, 455-479	3	22
31	Disaster Risk and Vulnerability: Concepts and Measurement of Human and Environmental Insecurity. <i>Hexagon Series on Human and Environmental Security and Peace</i> , 2011 , 107-121		22
30	Estimation of Probabilistic Seismic Losses and the Public Economic Resilience: An Approach for a Macroeconomic Impact Evaluation. <i>Journal of Earthquake Engineering</i> , 2008 , 12, 60-70	1.8	22

29	Probabilistic seismic hazard assessment at global level. <i>International Journal of Disaster Risk Reduction</i> , 2014 , 10, 419-427	4.5	21
28	Earthquake Loss Assessment for Integrated Disaster Risk Management. <i>Journal of Earthquake Engineering</i> , 2008 , 12, 48-59	1.8	19
27	Robustness of the holistic seismic risk evaluation in urban centers using the USRi. <i>Natural Hazards</i> , 2009 , 49, 501-516	3	18
26	Management of the volcanic crises of Galeras volcano: Social, economic and institutional aspects. <i>Journal of Volcanology and Geothermal Research</i> , 1997 , 77, 313-324	2.8	16
25	Methodology and applications for the benefit cost analysis of the seismic risk reduction in building portfolios at broadscale. <i>Natural Hazards</i> , 2013 , 69, 845-868	3	13
24	Disaster risk from a macroeconomic perspective: a metric for fiscal vulnerability evaluation. <i>Disasters</i> , 2010 , 34, 1064-83	2.8	11
23	Seismic and wind vulnerability assessment for the GAR-13 global risk assessment. <i>International Journal of Disaster Risk Reduction</i> , 2014 , 10, 452-460	4.5	9
22	Prioritizing Interventions to Reduce Seismic Vulnerability in School Facilities in Colombia. <i>Earthquake Spectra</i> , 2015 , 31, 2535-2552	3.4	9
21	Seismic vulnerability and risk evaluation methods for urban areas. A review with application to a pilot area. <i>Structure and Infrastructure Engineering</i> , 2010 , 6, 499-499	2.9	9
20	Evaluaci3n probabilista del riesgo s3smico en Lorca mediante simulaciones de escenarios. <i>Revista Internacional De Metodos Numericos Para Calculo Y Diseno En Ingenieria</i> , 2016 , 32, 70-78	1.8	8
19	M3todo num3rico para la evaluaci3n hol3stica del riesgo s3smico utilizando la teor3a de conjuntos difusos. <i>Revista Internacional De Metodos Numericos Para Calculo Y Diseno En Ingenieria</i> , 2014 , 30, 25-34	1.8	7
18	Retrospective assessment of risk from natural hazards. <i>International Journal of Disaster Risk Reduction</i> , 2014 , 10, 477-489	4.5	7
17	Design and implementation of a voluntary collective earthquake insurance policy to cover low-income homeowners in a developing country. <i>Natural Hazards</i> , 2014 , 74, 2071-2088	3	6
16	Success, innovation and challenge: School safety and disaster education in South America and the Caribbean. <i>International Journal of Disaster Risk Reduction</i> , 2020 , 44, 101395	4.5	6
15	Comparing observed damages and losses with modelled ones using a probabilistic approach: The Lorca 2011 case. <i>International Journal of Disaster Risk Reduction</i> , 2016 , 19, 355-365	4.5	6
14	Theoretical and Conceptual Framework for the Assessment of Vulnerability to Natural Hazards and Climate Change in Europe11This chapter is based on a paper published in <i>Natural Hazards</i> dealing with the MOVE framework; see in detail Birkmann et al., 2013. 2014 , 1-19		5
13	Optimum Earthquake Design Coefficients Based on Probabilistic Seismic Hazard Analyses: Theory and Applications. <i>Earthquake Spectra</i> , 2017 , 33, 1455-1474	3.4	5
12	Probabilistic assessment of annual repair rates in pipelines and of direct economic losses in water and sewage networks: application to Manizales, Colombia. <i>Natural Hazards</i> , 2018 , 93, 5-24	3	5

11	Curriculum Adaptation and Disaster Prevention in Colombia 2007 , 397-408		5
10	Early warning system for rainfall-triggered landslides based on real-time probabilistic hazard assessment. <i>Natural Hazards</i> , 2020 , 100, 345-361	3	4
9	Evaluaci3n de la habitabilidad de edificios afectados por sismo utilizando la teor3a de conjuntos difusos y las redes neuronales artificiales. <i>Revista Internacional De Metodos Numericos Para Calculo Y Diseno En Ingenieria</i> , 2011 , 27, 278-293	1.8	3
8	Neuro-Fuzzy Assessment of Building Damage and Safety After an Earthquake 2007 , 123-157		3
7	Evaluaci3n de la amenaza s3smica de Colombia. Actualizaci3n y uso en las nuevas normas colombianas de dise1o sismo resistente NSR-10. <i>Revista De Ingenieria</i> , 2010 , 28-37	0	3
6	Holistic Urban Seismic Risk Evaluation of Megacities: Application and Robustness. <i>Geotechnical, Geological and Earthquake Engineering</i> , 2009 , 167-183	0.2	3
5	Holistic Evaluation of Seismic Risk in Barcelona 2014 , 21-52		2
4	Revealing the Impact of Small Disasters to the Economic and Social Development. <i>Hexagon Series on Human and Environmental Security and Peace</i> , 2011 , 575-584		2
3	Latin American and Caribbean earthquakes in the GEM3 Earthquake Consequences Database (GEMECD). <i>Natural Hazards</i> , 2018 , 93, 113-125	3	1
2	Epistemic uncertainty in probabilistic estimates of seismic risk resulting from multiple hazard models. <i>Natural Hazards</i> , 2021 , 108, 3203-3227	3	0
1	Reply to Authors on Assessment of earthquake damage considering the characteristics of past events in South America. <i>Soil Dynamics and Earthquake Engineering</i> , 2018 , 104, 154-155	3.5	