Hugo Yepes

List of Publications by Year
in descending order

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20	924	516710 16	752698 20
papers	citations	h-index	g-index

22	22	22	1023
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Intense interface seismicity triggered by a shallow slow slip event in the Central Ecuador subduction zone. Journal of Geophysical Research: Solid Earth, 2013, 118, 2965-2981.	3.4	114
2	Quaternary state of stress in the Northern Andes and the restraining bend model for the Ecuadorian Andes. Tectonophysics, 1996, 259, 101-116.	2.2	100
3	Broadband seismic monitoring of active volcanoes using deterministic and stochastic approaches. Journal of Geophysical Research, 2010, 115, .	3.3	84
4	A new view for the geodynamics of Ecuador: Implication in seismogenic source definition and seismic hazard assessment. Tectonics, 2016, 35, 1249-1279.	2.8	76
5	Capturing the Acoustic Fingerprint of Stratospheric Ash Injection. Eos, 2008, 89, 377-378.	0.1	66
6	Site effect and damage distribution in Pujili (Ecuador) after the 28 March 1996 earthquake. Soil Dynamics and Earthquake Engineering, 1998, 17, 329-334.	3.8	53
7	Impact of tephra falls on Andean communities: The influences of eruption size and weather conditions during the 1999â€“2001 activity of Tungurahua volcano, Ecuador. Journal of Volcanology and Geothermal Research, 2012, 217-218, 91-103.	2.1	49
8	Dynamics of explosive paroxysms at open-vent andesitic systems: High-resolution mass distribution analyses of the 2006 Tungurahua fall deposit (Ecuador). Earth and Planetary Science Letters, 2013, 361, 343-355.	4.4	45
9	Seismic, petrologic, and geodetic analyses of the 1999 dome-forming eruption of Guagua Pichincha volcano, Ecuador. Journal of Volcanology and Geothermal Research, 2007, 161, 333-351.	2.1	38
10	Ascending seismic source during an explosive eruption at Tungurahua volcano, Ecuador. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	38
11	Enhancing volcano-monitoring capabilities in Ecuador. Eos, 2007, 88, 245-246.	0.1	37
12	Paleoseismology and tectonic geomorphology of the Pallatanga fault (Central Ecuador), a major structure of the South-American crust. Geomorphology, 2015, 237, 14-28.	2.6	35
13	Emergency room visits for respiratory conditions in children increased after Guagua Pichincha volcanic eruptions in April 2000 in Quito, Ecuador Observational Study: Time Series Analysis. Environmental Health, 2007, 6, 21.	4.0	33
14	Locations and magnitudes of historical earthquakes in the Sierra of Ecuador (1587-1996). Geophysical Journal International, 2010, , .	2.4	29
15	Source amplitudes of volcano-seismic signals determined by the amplitude source location method as a quantitative measure of event size. Journal of Volcanology and Geothermal Research, 2013, 257, 57-71.	2.1	29
16	Volcanic eruptions, lightning, and a waterfall: Differentiating the menagerie of infrasound in the Ecuadorian jungle. Geophysical Research Letters, 2006, 33, .	4.0	23
17	The 2016 MwÂ7.8 Pedernales, Ecuador, Earthquake: Rapid Response Deployment. Seismological Research Letters, 2019, 90, 1346-1354.	1.9	17
18	New insights on the interseismic active deformation along the North Ecuadorianâ€“South Colombian (NESC) margin. Tectonics, 2011, 30, .	2.8	13

#	Article	IF	Citations
19	Eruption type probability and eruption source parameters at Cotopaxi and Guagua Pichincha volcanoes (Ecuador) with uncertainty quantification. Bulletin of Volcanology, 2021, 83, 1.	3.0	7
20	Earthquake Recurrence Model for the Colombiaâ€“Ecuador Subduction Zone Constrained from Seismic and Geodetic Data, Implication for PSHA. Bulletin of the Seismological Society of America, 2021, 111, 1508-1528.	2.3	6