

Indira Molina

List of Publications by Year in descending order

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14
papers

431
citations

1040056

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h-index

1281871

11
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all docs

14
docs citations

14
times ranked

488
citing authors

#	ARTICLE	IF	CITATIONS
1	Broadband seismic monitoring of active volcanoes using deterministic and stochastic approaches. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	84
2	Degassing patterns of Tungurahua volcano (Ecuador) during the 1999â€“2006 eruptive period, inferred from remote spectroscopic measurements of SO2 emissions. <i>Journal of Volcanology and Geothermal Research</i> , 2008, 176, 151-162.	2.1	79
3	Resonances of a volcanic conduit triggered by repetitive injections of an ash-laden gas. <i>Geophysical Research Letters</i> , 2004, 31, .	4.0	53
4	Source process of very-long-period events accompanying long-period signals at Cotopaxi Volcano, Ecuador. <i>Journal of Volcanology and Geothermal Research</i> , 2008, 176, 119-133.	2.1	48
5	Three-dimensional P-wave velocity structure of Tungurahua Volcano, Ecuador. <i>Journal of Volcanology and Geothermal Research</i> , 2005, 147, 144-156.	2.1	45
6	Enhancing volcano-monitoring capabilities in Ecuador. <i>Eos</i> , 2007, 88, 245-246.	0.1	37
7	Structure of the Plumbing System at Tungurahua Volcano, Ecuador: Insights from Phase Equilibrium Experiments on Julyâ€“August 2006 Eruption Products. <i>Journal of Petrology</i> , 2017, 58, 1249-1278.	2.8	32
8	Numerical simulations of convection in crystal-bearing magmas: A case study of the magmatic system at Erebus, Antarctica. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	30
9	Storage conditions of the mafic and silicic magmas at Cotopaxi, Ecuador. <i>Journal of Volcanology and Geothermal Research</i> , 2018, 354, 74-86.	2.1	14
10	Seismicity induced by massive wastewater injection near Puerto GaitÃ¡n, Colombia. <i>Geophysical Journal International</i> , 2020, 223, 777-791.	2.4	5
11	A model of the geochemical and physical fluctuations of the lava lake at Erebus volcano, Antarctica. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 308, 142-157.	2.1	4
12	Geological modeling of a hydrocarbon reservoir in the northeastern Llanos Orientales basin of Colombia. <i>BoletÃ¡n GeolÃ³gico</i> , 2021, 48, .	0.2	0
13	Determination of a potentially optimal zone to perform hydraulic fracturing work, Upper Magdalena Valley basin, Colombia. <i>BoletÃ¡n GeolÃ³gico</i> , 2021, 49, .	0.2	0
14	Interpretation of Palaeozoic geofoms with the use of seismic attributes in a region of the Eastern Plains, Colombia. <i>BoletÃ¡n GeolÃ³gico</i> , 2021, 49, .	0.2	0