Claire E Harnett

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5788745/publications.pdf

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10	217	1039406 9	1372195 10
papers	citations	h-index	g-index

17	17	17	217
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Using a discrete element approach to model lava dome emplacement and collapse. Journal of Volcanology and Geothermal Research, 2018, 359, 68-77.	0.8	42
2	Alterationâ€Induced Volcano Instability at La SoufriÃ¨re de Guadeloupe (Eastern Caribbean). Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB022514.	1.4	34
3	Laboratory simulations of fluid-induced seismicity, hydraulic fracture, and fluid flow. Geomechanics for Energy and the Environment, 2020, 24, 100169.	1.2	27
4	Imaging the 2013 explosive crater excavation and new dome formation at VolcÃ¡n de Colima with TerraSAR-X, time-lapse cameras and modelling. Journal of Volcanology and Geothermal Research, 2019, 369, 224-237.	0.8	23
5	Presentation and analysis of a worldwide database for lava dome collapse events: the Global Archive of Dome Instabilities (GLADIS). Bulletin of Volcanology, 2019, 81, 1.	1.1	22
6	Evolution of Mechanical Properties of Lava Dome Rocks Across the 1995â€“2010 Eruption of SoufriÃ¨re Hills Volcano, Montserrat. Frontiers in Earth Science, 2019, 7, .	0.8	22
7	Fracture and damage localization in volcanic edifice rocks from El Hierro, Stromboli and Tenerife. Scientific Reports, 2018, 8, 1942.	1.6	16
8	Mechanical and topographic factors influencing lava dome growth and collapse. Journal of Volcanology and Geothermal Research, 2021, 420, 107398.	0.8	15
9	The tensile strength of hydrothermally altered volcanic rocks. Journal of Volcanology and Geothermal Research, 2022, 428, 107576.	0.8	13
10	A toolbox for identifying the expression of dome-forming volcanism on exoplanets. Planetary and Space Science, 2020, 180, 104762.	0.9	3