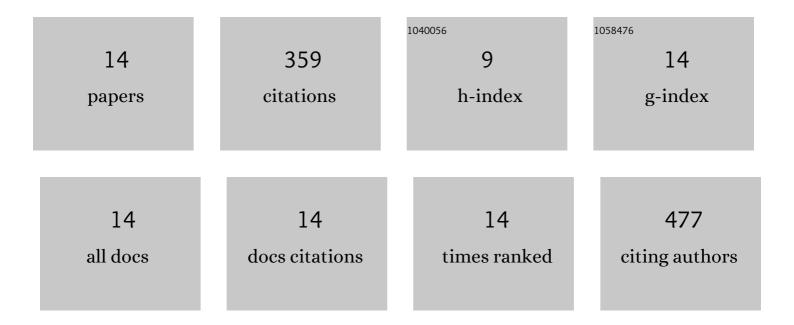
Stefanie Hautmann

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Multi-geophysical parameter classification of the Montserrat geothermal system. Geothermics, 2021, 90, 102006.	3.4	6
2	Vertically Extensive Magma Reservoir Revealed From Joint Inversion and Quantitative Interpretation of Seismic and Gravity Data. Journal of Geophysical Research: Solid Earth, 2019, 124, 11170-11191.	3.4	38
3	Ground Deformation and Gravity Changes of the Kos-Nisyros Volcanic System Between 1995 and 2008. Active Volcanoes of the World, 2018, , 303-319.	1.4	1
4	Resonance oscillations of the Soufrière Hills Volcano (Montserrat, W.I.) magmatic system induced by forced magma flow from the reservoir into the upper plumbing dike. Journal of Volcanology and Geothermal Research, 2018, 350, 7-17.	2.1	5
5	Magma buoyancy and volatile ascent driving autocyclic eruptivity at <scp>H</scp> ekla <scp>V</scp> olcano (<scp>I</scp> celand). Geochemistry, Geophysics, Geosystems, 2017, 18, 3517-3529.	2.5	5
6	Chapter 11 Volcano geodesy at the Soufrière Hills Volcano, Montserrat: a review. Geological Society Memoir, 2014, 39, 195-217.	1.7	26
7	Chapter 14 Continuous and campaign-style gravimetric investigations on Montserrat 2006 to 2009. Geological Society Memoir, 2014, 39, 241-251.	1.7	5
8	Strain field analysis on Montserrat (W.I.) as tool for assessing permeable flow paths in the magmatic system of Soufrière Hills Volcano. Geochemistry, Geophysics, Geosystems, 2014, 15, 676-690.	2.5	30
9	Pressure changes in the magmatic system during the December 2008/January 2009 extrusion event at Soufrière Hills Volcano, Montserrat (W.I.), derived from strain data analysis. Journal of Volcanology and Geothermal Research, 2013, 250, 34-41.	2.1	19
10	The shallow structure beneath Montserrat (West Indies) from new Bouguer gravity data. Geophysical Research Letters, 2013, 40, 5113-5118.	4.0	18
11	Effect of mechanical heterogeneity in arc crust on volcano deformation with application to Soufrière Hills Volcano, Montserrat, West Indies. Journal of Geophysical Research, 2010, 115, .	3.3	46
12	Mass variations in response to magmatic stress changes at Soufrière Hills Volcano, Montserrat (W.I.): Insights from 4-D gravity data. Earth and Planetary Science Letters, 2010, 290, 83-89.	4.4	22
13	Modelling ground deformation caused by oscillating overpressure in a dyke conduit at Soufrière Hills Volcano, Montserrat. Tectonophysics, 2009, 471, 87-95.	2.2	67
14	Oscillations in hydrothermal systems as a source of periodic unrest at caldera volcanoes: Multiparameter insights from Nisyros, Greece. Geophysical Research Letters, 2007, 34, .	4.0	71