

Sylvie Vergniolle

List of Publications by Year in descending order

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15
papers

1,740
citations

759190

12
h-index

996954

15
g-index

16
all docs

16
docs citations

16
times ranked

1100
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution and dynamics of the open-vent eruption at Arenal volcano (Costa Rica, 1968–2010): what we learned and perspectives. <i>Bulletin of Volcanology</i> , 2022, 84, .	3.0	3
2	Assessing and optimizing the performance of infrasound networks to monitor volcanic eruptions. <i>Geophysical Journal International</i> , 2017, 208, 437-448.	2.4	23
3	Gas-driven lava lake fluctuations at Erta Ale volcano (Ethiopia) revealed by MODIS measurements. <i>Bulletin of Volcanology</i> , 2016, 78, 1.	3.0	20
4	Hawaiian and Strombolian Eruptions. , 2015, , 485-503.		47
5	Decadal evolution of a degassing magma reservoir unravelled from fire fountains produced at Etna volcano (Italy) between 1989 and 2001. <i>Bulletin of Volcanology</i> , 2012, 74, 725-742.	3.0	11
6	Automatic detection and discrimination of volcanic tremors and tectonic earthquakes: An application to Ambrym volcano, Vanuatu. <i>Journal of Volcanology and Geothermal Research</i> , 2009, 181, 196-206.	2.1	18
7	Basaltic thermals and Subplinian plumes: Constraints from acoustic measurements at Shishaldin volcano, Alaska. <i>Bulletin of Volcanology</i> , 2006, 68, 611-630.	3.0	50
8	Bubble size distribution in magma chambers and dynamics of basaltic eruptions. <i>Earth and Planetary Science Letters</i> , 1996, 140, 269-279.	4.4	29
9	On the vesicularity of pumice. <i>Journal of Geophysical Research</i> , 1994, 99, 15633.	3.3	126
10	Acoustic sounder measurements of the vertical velocity of volcanic jets at Stromboli Volcano. <i>Geophysical Research Letters</i> , 1992, 19, 2357-2360.	4.0	53
11	Dynamics of degassing at Kilauea Volcano, Hawaii. <i>Journal of Geophysical Research</i> , 1990, 95, 2793-2809.	3.3	149
12	The generation and collapse of a foam layer at the roof of a basaltic magma chamber. <i>Journal of Fluid Mechanics</i> , 1989, 203, 347-380.	3.4	269
13	Pressure, gas content and eruption periodicity of a shallow, crystallising magma chamber. <i>Earth and Planetary Science Letters</i> , 1989, 92, 107-123.	4.4	435
14	Laboratory models of Hawaiian and Strombolian eruptions. <i>Nature</i> , 1988, 331, 58-60.	27.8	292
15	Separated two-phase flow and basaltic eruptions. <i>Journal of Geophysical Research</i> , 1986, 91, 12842-12860.	3.3	211