

Letizia Spampinato

List of Publications by Year in descending order

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43
papers

1,929
citations

257357

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43
all docs

43
docs citations

43
times ranked

1365
citing authors

#	ARTICLE	IF	CITATIONS
1	A multi-disciplinary study of the 2002-2003 Etna eruption: insights into a complex plumbing system. <i>Bulletin of Volcanology</i> , 2005, 67, 314-330.	1.1	271
2	Chronology and complex volcanic processes during the 2002-2003 flank eruption at Stromboli volcano (Italy) reconstructed from direct observations and surveys with a handheld thermal camera. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	151
3	Volcano surveillance using infrared cameras. <i>Earth-Science Reviews</i> , 2011, 106, 63-91.	4.0	151
4	Etna 2004-2005: An archetype for geodynamically-controlled effusive eruptions. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	120
5	The 5 April 2003 vulcanian paroxysmal explosion at Stromboli volcano (Italy) from field observations and thermal data. <i>Journal of Volcanology and Geothermal Research</i> , 2006, 149, 160-175.	0.8	102
6	Thirty years of satellite-derived lava discharge rates at Etna: Implications for steady volumetric output. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	87
7	The 2007 Stromboli eruption: Event chronology and effusion rates using thermal infrared data. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	83
8	An unloading foam model to constrain Etna's 11-13 January 2011 lava fountaining episode. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	72
9	A total volatile inventory for Masaya Volcano, Nicaragua. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	65
10	The morphology and evolution of the Stromboli 2002-2003 lava flow field: an example of a basaltic flow field emplaced on a steep slope. <i>Bulletin of Volcanology</i> , 2007, 69, 661-679.	1.1	64
11	Thermal characterization of the Vulcano fumarole field. <i>Bulletin of Volcanology</i> , 2009, 71, 441-458.	1.1	55
12	Lava effusion - A slow fuse for paroxysms at Stromboli volcano?. <i>Earth and Planetary Science Letters</i> , 2011, 301, 317-323.	1.8	52
13	Gas and aerosol emissions from Villarrica volcano, Chile. <i>Journal of Volcanology and Geothermal Research</i> , 2011, 203, 62-75.	0.8	51
14	Major eruptive style changes induced by structural modifications of a shallow conduit system: the 2007-2012 Stromboli case. <i>Bulletin of Volcanology</i> , 2014, 76, 1.	1.1	50
15	Paroxysmal Explosions, Lava Fountains and Ash Plumes at Etna Volcano: Eruptive Processes and Hazard Implications. <i>Frontiers in Earth Science</i> , 2018, 6, .	0.8	50
16	Shallow magma transport for the 2002-03 Mt. Etna eruption inferred from thermal infrared surveys. <i>Journal of Volcanology and Geothermal Research</i> , 2008, 177, 301-312.	0.8	46
17	Multiparametric study of the February-April 2013 paroxysmal phase of the Mt. Etna New South Crater. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 1932-1949.	1.0	41
18	Vent temperature trends at the Vulcano Fossa fumarole field: the role of permeability. <i>Bulletin of Volcanology</i> , 2012, 74, 1293-1311.	1.1	36

#	ARTICLE	IF	CITATIONS
19	Thermal insights into the dynamics of Nyiragongo lava lake from ground and satellite measurements. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 5771-5784.	1.4	36
20	The VEI 2 Christmas 2018 Etna Eruption: A Small But Intense Eruptive Event or the Starting Phase of a Larger One?. <i>Remote Sensing</i> , 2020, 12, 905.	1.8	36
21	Lava lake surface characterization by thermal imaging: Erta 'Ale volcano (Ethiopia). <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	1.0	34
22	The unusual 28 December 2014 dikeâ€fed paroxysm at Mount Etna: Timing and mechanism from a multidisciplinary perspective. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 2037-2053.	1.4	33
23	The 7 September 2008 Vulcanian explosion at Stromboli volcano: Multiparametric characterization of the event and quantification of the ejecta. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	32
24	Insights into explosive activity at closely-spaced eruptive vents using infrasound signals: Example of Mt. Etna 2008 eruption. <i>Journal of Volcanology and Geothermal Research</i> , 2011, 208, 1-11.	0.8	24
25	UAV Thermal Infrared Remote Sensing of an Italian Mud Volcano. <i>Advances in Remote Sensing</i> , 2013, 02, 358-364.	0.2	22
26	On the time-scale of thermal cycles associated with open-vent degassing. <i>Bulletin of Volcanology</i> , 2012, 74, 1281-1292.	1.1	21
27	A global synthesis of lava lake dynamics. <i>Journal of Volcanology and Geothermal Research</i> , 2019, 381, 16-31.	0.8	20
28	Motif Discovery on Seismic Amplitude Time Series: The Case Study of Mt Etna 2011 Eruptive Activity. <i>Pure and Applied Geophysics</i> , 2013, 170, 529-545.	0.8	18
29	The 5 April 2003 Explosion of Stromboli: Timing of Eruption Dynamics Using Thermal Data. <i>Geophysical Monograph Series</i> , 0, , 305-316.	0.1	14
30	Correction to â€œThirty years of satellite-derived lava discharge rates at Etna: Implications for steady volumetric outputâ€• <i>Journal of Geophysical Research</i> , 2012, 117, n/a-n/a.	3.3	13
31	The Eruptive Activity of 28 and 29 December 2002. <i>Geophysical Monograph Series</i> , 0, , 105-115.	0.1	13
32	Reactivation of Stromboli's summit craters at the end of the 2007 effusive eruption detected by thermal surveys and seismicity. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 7376-7395.	1.4	9
33	Monitoring active volcanoes using a handheld thermal camera. , 2004, , .		8
34	Magma emission rates from shallow submarine eruptions using airborne thermal imaging. <i>Remote Sensing of Environment</i> , 2014, 154, 219-225.	4.6	8
35	The 2004â€“2005ÂMt. Etna Compound Lava Flow Field: A Retrospective Analysis by Combining Remote and Field Methods. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020499.	1.4	8
36	Correction to â€œChronology and complex volcanic processes during the 2002-2003 flank eruption at Stromboli volcano (Italy) reconstructed from direct observations and surveys with a handheld thermal cameraâ€• <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	7

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37	Volcanic and Seismic Activity at Stromboli Preceding the 2002-2003 Flank Eruption. Geophysical Monograph Series, 0, , 93-104.	0.1	7
38	On the transition from strombolian to fountaining activity: a thermal energy-based driver. Bulletin of Volcanology, 2016, 78, 1.	1.1	7
39	Aerosol Optical Properties of Pacaya Volcano Plume Measured with a Portable Sun-Photometer. Geosciences (Switzerland), 2018, 8, 36.	1.0	5
40	Transnational Access to Research Facilities: an EPOS service to promote multi-domain Solid Earth Sciences in Europe. Annals of Geophysics, 2022, 65, DM214.	0.5	3
41	Evolution of the Lava Flow Field by Daily Thermal and Visible Airborne Surveys. Geophysical Monograph Series, 0, , 201-211.	0.1	2
42	Heat and SO2 Emission Rates at Active Volcanoes - The Case Study of Masaya, Nicaragua. , 2012, , .		1
43	Editorial: Exploring Volcanic Paroxysmal Explosive Activity From Magma Source to Ground and Atmosphere. Frontiers in Earth Science, 2019, 7, .	0.8	1