Elisabetta Del Bello

List of Publications by Year
in descending order

27	833	471509 17	552781 26
papers	citations	h-index	g-index

33	33	33	751
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transnational Access to Research Facilities: an EPOS service to promote multiâ€domain Solid Earth Sciences in Europe. Annals of Geophysics, 2022, 65, DM214.	1.0	3
2	Field-based measurements of volcanic ash resuspension by wind. Earth and Planetary Science Letters, 2021, 554, 116684.	4.4	11
3	The dynamics of explosive mafic eruptions: New insights from multiparametric observations. , 2021, , 379-411.		4
4	Fracturing and healing of basaltic magmas during explosive volcanic eruptions. Nature Geoscience, 2021, 14, 248-254.	12.9	21
5	Multi-parametric characterization of explosive activity at Batu Tara Volcano (Flores Sea, Indonesia). Journal of Volcanology and Geothermal Research, 2021, 413, 107199.	2.1	6
6	Unoccupied Aircraft Systems (UASs) Reveal the Morphological Changes at Stromboli Volcano (Italy) before, between, and after the 3 July and 28 August 2019 Paroxysmal Eruptions. Remote Sensing, 2021, 13, 2870.	4.0	18
7	Volcanic Vortex Rings: Axial Dynamics, Acoustic Features, and Their Link to Vent Diameter and Supersonic Jet Flow. Geophysical Research Letters, 2021, 48, e2021GL092899.	4.0	9
8	Uncovering the eruptive patterns of the 2019 doubleÂparoxysm eruption crisis of Stromboli volcano. Nature Communications, 2021, 12, 4213.	12.8	35
9	Mush cannibalism and disruption recorded by clinopyroxene phenocrysts at Stromboli volcano: New insights from recent 2003â€“2017 activity. Lithos, 2020, 360-361, 105440.	1.4	35
10	Experimental simulations of volcanic ash resuspension by wind under the effects of atmospheric humidity. Scientific Reports, 2018, 8, 14509.	3.3	23
11	Characteristics of puffing activity revealed by ground-based, thermal infrared imaging: the example of Stromboli Volcano (Italy). Bulletin of Volcanology, 2017, 79, 1.	3.0	28
12	Like a cannonball: origin of dense spherical basaltic ejecta. Bulletin of Volcanology, 2017, 79, 1.	3.0	2
13	Time-series analysis of fissure-fed multi-vent activity: a snapshot from the July 2014 eruption of Etna volcano (Italy). Bulletin of Volcanology, 2017, 79, 1.	3.0	16
14	Effect of particle volume fraction on the settling velocity of volcanic ash particles: insights from joint experimental and numerical simulations. Scientific Reports, 2017, 7, 39620.	3.3	31
15	Integrating puffing and explosions in a general scheme for Strombolianâ€style activity. Journal of Geophysical Research: Solid Earth, 2017, 122, 1860-1875.	3.4	48
16	The Initial Development of Transient Volcanic Plumes as a Function of Source Conditions. Journal of Geophysical Research: Solid Earth, 2017, 122, 9784-9803.	3.4	24
17	Inâ€flight dynamics of volcanic ballistic projectiles. Reviews of Geophysics, 2017, 55, 675-718.	23.0	32
18	The 2013 eruption of Chaparrastique volcano (El Salvador): Effects of magma storage, mixing, and decompression. Chemical Geology, 2017, 448, 110-122.	3.3	30

#	Article	IF	Citations
19	3â€‹<scp>D</scp> highâ€‹speed imaging of volcanic bomb trajectory in basaltic explosive eruptions. Geochemistry, Geophysics, Geosystems, 2016, 17, 4268-4275.	2.5	10
20	Experimental investigation of the aggregationâ€‹disaggregation of colliding volcanic ash particles in turbulent, lowâ€‹humidity suspensions. Geophysical Research Letters, 2015, 42, 1068-1075.	4.0	13
21	Viscous plugging can enhance and modulate explosivity of strombolian eruptions. Earth and Planetary Science Letters, 2015, 423, 210-218.	4.4	47
22	New petrological constraints on the last eruptive phase of the Sabatini Volcanic District (central) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.4	24
23	High-speed imaging, acoustic features, and aeroacoustic computations of jet noise from Strombolian (and Vulcanian) explosions. Geophysical Research Letters, 2014, 41, 3096-3102.	4.0	34
24	The thickness of the falling film of liquid around a Taylor bubble. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2012, 468, 1041-1064.	2.1	70
25	Highâ€‹speed imaging of Strombolian explosions: The ejection velocity of pyroclasts. Geophysical Research Letters, 2012, 39, .	4.0	94
26	An analytical model for gas overpressure in slugâ€‹driven explosions: Insights into Strombolian volcanic eruptions. Journal of Geophysical Research, 2012, 117, .	3.3	77
27	Aggregation-dominated ash settling from the EyjafjallajÃ¶kull volcanic cloud illuminated by field and laboratory high-speed imaging. Geology, 2011, 39, 891-894.	4.4	88