

# Lucia Pappalardo

## List of Publications by Year in descending order

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18  
papers

560  
citations

759233

12  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

536  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for Multi-stage Magmatic Evolution during the past 60 kyr at Campi Flegrei (Italy) Deduced from Sr, Nd and Pb Isotope Data. <i>Journal of Petrology</i> , 2002, 43, 1415-1434.	2.8	115
2	The Campi Flegrei caldera: unrest mechanisms and hazards. <i>Geological Society Special Publication</i> , 2006, 269, 25-45.	1.3	78
3	The Campanian Ignimbrite (southern Italy) geochemical zoning: insight on the generation of a super-eruption from catastrophic differentiation and fast withdrawal. <i>Contributions To Mineralogy and Petrology</i> , 2008, 156, 1-26.	3.1	61
4	Rapid differentiation in a sill-like magma reservoir: a case study from the campi flegrei caldera. <i>Scientific Reports</i> , 2012, 2, 712.	3.3	51
5	Crystallization and eruption ages of Breccia Museo (Campi Flegrei caldera, Italy) plutonic clasts and their relation to the Campanian ignimbrite. <i>Contributions To Mineralogy and Petrology</i> , 2014, 167, 1.	3.1	43
6	Short residence times for alkaline Vesuvius magmas in a multi-depth supply system: Evidence from geochemical and textural studies. <i>Earth and Planetary Science Letters</i> , 2010, 296, 133-143.	4.4	35
7	The geological CO <sub>2</sub> degassing history of a long-lived caldera. <i>Geology</i> , 2015, 43, 767-770.	4.4	24
8	A 3D imaging textural characterization of pyroclastic products from the 1538 AD Monte Nuovo eruption (Campi Flegrei, Italy). <i>Lithos</i> , 2019, 340-341, 316-331.	1.4	20
9	Foamed gypsum for multipurpose applications in building. <i>Construction and Building Materials</i> , 2021, 307, 124948.	7.2	20
10	Combining textural and geochemical investigations to explore the dynamics of magma ascent during Plinian eruptions: a Somma-Vesuvius volcano (Italy) case study. <i>Contributions To Mineralogy and Petrology</i> , 2018, 173, 1.	3.1	19
11	Probabilistic tephra hazard maps for the Neapolitan area: Quantitative volcanological study of Campi Flegrei eruptions. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	14
12	Magmatic stopping during the caldera-forming Pomice di Base eruption (Somma-Vesuvius, Italy) as a fuel of eruption explosivity. <i>Lithos</i> , 2020, 370-371, 105628.	1.4	13
13	New Insights Into the Recent Magma Dynamics Under Campi Flegrei Caldera (Italy) From Petrological and Geochemical Evidence. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	3.4	13
14	Volcanic hazard assessment at the Campi Flegrei caldera. <i>Geological Society Special Publication</i> , 2006, 269, 159-171.	1.3	12
15	Probabilistic-numerical assessment of pyroclastic current hazard at Campi Flegrei and Naples city: Multi-VEI scenarios as a tool for full-scale risk management. <i>PLoS ONE</i> , 2017, 12, e0185756.	2.5	12
16	Petrological and seismic precursors of the paroxysmal phase of the last Vesuvius eruption on March 1944. <i>Scientific Reports</i> , 2015, 4, 6297.	3.3	11
17	The last Vesuvius eruption in March 1944: reconstruction of the eruptive dynamic and its impact on the environment and people through witness reports and volcanological evidence. <i>Natural Hazards</i> , 2016, 82, 95-121.	3.4	11
18	The role of CO <sub>2</sub> flushing in triggering the "Millennium" eruption and recent unrests at Changbaishan volcano (China/North Korea). <i>International Geology Review</i> , 2023, 65, 706-719.	2.1	3