Paola Marianelli

List of Publications by Year
in descending order

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33 papers	1,706 citations	331670 21 h-index	414414 32 g-index
34 all docs	34 docs citations	34 times ranked	1232 citing authors

#	Article	IF	Citations
1	Age and whole rockâ€“glass compositions of proximal pyroclastics from the major explosive eruptions of Somma-Vesuvius: A review as a tool for distal tephrostratigraphy. Journal of Volcanology and Geothermal Research, 2008, 177, 1-18.	2.1	257
2	Compositional Layering and Syn-eruptive Mixing of a Periodically Refilled Shallow Magma Chamber: the AD 79 Plinian Eruption of Vesuvius. Journal of Petrology, 1995, 36, 739-776.	2.8	199
3	Thermal and compositional evolution of the shallow magma chambers of Vesuvius: Evidence from pyroxene phenocrysts and melt inclusions. Journal of Geophysical Research, 1998, 103, 18277-18294.	3.3	116
4	Shallow and deep reservoirs involved in magma supply of the 1944 eruption of Vesuvius. Bulletin of Volcanology, 1999, 61, 48-63.	3.0	116
5	Caldera unrest prior to intense volcanism in Campi Flegrei (Italy) at 4.0 ka B.P.: Implications for caldera dynamics and future eruptive scenarios. Geophysical Research Letters, 2009, 36, .	4.0	113
6	Magma chamber of the Campi Flegrei supervolcano at the time of eruption of the Campanian Ignimbrite. Geology, 2006, 34, 937.	4.4	110
7	Mafic magma batches at Vesuvius: a glass inclusion approach to the modalities of feeding stratovolcanoes. Contributions To Mineralogy and Petrology, 1995, 120, 159-169.	3.1	92
8	Transient 3D numerical simulations of column collapse and pyroclastic density current scenarios at Vesuvius. Journal of Volcanology and Geothermal Research, 2008, 178, 378-396.	2.1	83
9	Melt inclusion record of immiscibility between silicate, hydrosaline, and carbonate melts: Applications to skarn genesis at Mount Vesuvius. Geology, 2001, 29, 1043.	4.4	62
10	Probing the Vesuvius magma chamberhost rock interface through xenoliths. Geological Magazine, 2004, 141, 417-428.	1.5	57
11	The deep feeding system of Vesuvius involved in recent violent strombolian eruptions. Geophysical Research Letters, 2005, 32, .	4.0	53
12	Magma contamination by direct wall rock interaction: constraints from xenoliths from the walls of a carbonate-hosted magma chamber (Vesuvius 1944 eruption). Journal of Volcanology and Geothermal Research, 2001, 112, 15-24.	2.1	47
13	Volcanology of Ischia (Italy). Journal of Maps, 2018, 14, 494-503.	2.0	44
14	Exhumation of an active magmaticâ€“hydrothermal system in a resurgent caldera environment: the example of Ischia (Italy). Journal of the Geological Society, 2009, 166, 1061-1073.	2.1	41
15	The skarn shell of the 1944 Vesuvius magma chamber. Genesis and P-T-X conditions from melt and fluid inclusion data. European Journal of Mineralogy, 2000, 12, 1025-1039.	1.3	37
16	Evidences for disruption of a crystallizing front in a magma chamber during caldera collapse: an example from the Breccia Museo unit (Campanian Ignimbrite eruption, Italy). Journal of Volcanology and Geothermal Research, 2004, 133, 141-155.	2.1	33
17	Towards a reconstruction of the magmatic feeding system of the 1944 eruption of Mt Vesuvius. Journal of Volcanology and Geothermal Research, 2004, 133, 13-22.	2.1	31
18	Temperature of Vesuvius magmas. Geology, 1999, 27, 443.	4.4	27

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19	Tracing volatile exsolution within the 472ÂAD â€œPollenaâ€•magma chamber of Vesuvius (Italy) from melt inclusion investigation. Journal of Volcanology and Geothermal Research, 2007, 161, 289-302.	2.1	23
20	Greenland ice core evidence of the 79 AD Vesuvius eruption. Climate of the Past, 2013, 9, 1221-1232.	3.4	23
21	Glass-bearing felsic nodules from the crystallizing sidewalls of the 1944 Vesuvius magma chamber. Mineralogical Magazine, 2000, 64, 481-496.	1.4	21
22	Simultaneous eruptions from multiple vents at Campi Flegrei (Italy) highlight new eruption processes at calderas. Geology, 2016, 44, 487-490.	4.4	21
23	Volcanic evolution of the Somma-Vesuvius Complex (Italy). Journal of Maps, 2020, 16, 137-147.	2.0	19
24	3D Geothermal Modelling of the Mount Amiata Hydrothermal System in Italy. Energies, 2014, 7, 7434-7453.	3.1	18
25	First insights on the metallogenic signature of magmatic fluids exsolved from the active magma chamber of Vesuvius (AD 79 â€œPompeiâ€•eruption). Journal of Volcanology and Geothermal Research, 2011, 200, 223-233.	2.1	14
26	Natural CO2 degassing in the Mount Amiata volcanicâ€“geothermal area. Journal of Volcanology and Geothermal Research, 2020, 397, 106852.	2.1	14
27	The Integration of 3D Modeling and Simulation to Determine the Energy Potential of Low-Temperature Geothermal Systems in the Pisa (Italy) Sedimentary Plain. Energies, 2018, 11, 1591.	3.1	10
28	The Phlegrean Fields volcanological evolution. Journal of Maps, 2021, 17, 557-570.	2.0	7
29	Textural and chemical features of a â€œsoftâ€•plug emitted during Strombolian explosions: A case study from Stromboli volcano. Earth and Planetary Science Letters, 2021, 559, 116761.	4.4	6
30	The Volcano-Tectonics of the Northern Sector of Ischia Island Caldera (Southern Italy): Resurgence, Subsidence and Earthquakes. Frontiers in Earth Science, 2022, 10, .	1.8	6
31	Analysis of Natural and Power Plant CO2 Emissions in the Mount Amiata (Italy) Volcanicâ€“Geothermal Area Reveals Sustainable Electricity Production at Zero Emissions. Energies, 2021, 14, 4692.	3.1	3
32	Withdrawal notice to "Mt Amiata hydrothermal system (Italy): 3D geological and geothermal modeling". Italian Journal of Geosciences, 2015, 134, 579-579.	0.8	1
33	Chapter 10 Input of deep-seated volatile-rich magmas and dynamics of violent strombolian eruptions at Vesuvius. Developments in Volcanology, 2006, , 203-218.	0.5	0