Paola Marianelli

List of Publications by Year
in descending order

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	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
2	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
3	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
4	The Phlegrean Fields volcanological evolution. Journal of Maps, 2021, 17, 557-570.	2.0	7
5	Natural CO2 degassing in the Mount Amiata volcanicâ€“geothermal area. Journal of Volcanology and Geothermal Research, 2020, 397, 106852.	2.1	14
6	Volcanic evolution of the Somma-Vesuvius Complex (Italy). Journal of Maps, 2020, 16, 137-147.	2.0	19
7	Volcanology of Ischia (Italy). Journal of Maps, 2018, 14, 494-503.	2.0	44
8	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
9	Simultaneous eruptions from multiple vents at Campi Flegrei (Italy) highlight new eruption processes at calderas. Geology, 2016, 44, 487-490.	4.4	21
10	Withdrawal notice to "Mt Amiata hydrothermal system (Italy): 3D geological and geothermal modeling". Italian Journal of Geosciences, 2015, 134, 579-579.	0.8	1
11	3D Geothermal Modelling of the Mount Amiata Hydrothermal System in Italy. Energies, 2014, 7, 7434-7453.	3.1	18
12	Greenland ice core evidence of the 79 AD Vesuvius eruption. Climate of the Past, 2013, 9, 1221-1232.	3.4	23
13	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
14	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
15	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
16	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
17	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
18	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

#	Article	IF	Citations
19	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
20	Magma chamber of the Campi Flegrei supervolcano at the time of eruption of the Campanian Ignimbrite. Geology, 2006, 34, 937.	4.4	110
21	The deep feeding system of Vesuvius involved in recent violent strombolian eruptions. Geophysical Research Letters, 2005, 32, .	4.0	53
22	Probing the Vesuvius magma chamberhost rock interface through xenoliths. Geological Magazine, 2004, 141, 417-428.	1.5	57
23	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
24	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
25	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
26	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
27	Glass-bearing felsic nodules from the crystallizing sidewalls of the 1944 Vesuvius magma chamber. Mineralogical Magazine, 2000, 64, 481-496.	1.4	21
28	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
29	Shallow and deep reservoirs involved in magma supply of the 1944 eruption of Vesuvius. Bulletin of Volcanology, 1999, 61, 48-63.	3.0	116
30	Temperature of Vesuvius magmas. Geology, 1999, 27, 443.	4.4	27
31	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
32	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
33	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