

Cristina Perinelli

List of Publications by Year in descending order

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papers

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623734

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33
docs citations

33
times ranked

646
citing authors

#	ARTICLE	IF	CITATIONS
1	Nature and evolution of the northern Victoria Land lithospheric mantle (Antarctica) as revealed by ultramafic xenoliths. <i>Geological Society Memoir</i> , 2023, 56, 57-82.	1.7	6
2	Experimental measurements of the viscosity and melt structure of alkali basalts at high pressure and temperature. <i>Scientific Reports</i> , 2022, 12, 2599.	3.3	3
3	High pressure trace element partitioning between clinopyroxene and alkali basaltic melts. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 305, 282-305.	3.9	9
4	Uncommon K-foiditic magmas: The case study of Tufo del Palatino (Colli Albani Volcanic District, Italy). <i>Bulletin of Volcanology</i> , 2021, 83, 1-14.	1.4	5
5	High pressure experimental investigation of clinopyroxene dissolution in a K-basaltic melt. <i>Chemical Geology</i> , 2021, 584, 120533.	3.3	2
6	Numerical modelling of geothermal heat flux and ice velocity influencing the thermal conditions of the Priestley Glacier trough (northern Victoria Land, Antarctica). <i>Geomorphology</i> , 2021, 394, 107959.	2.6	2
7	Amphibole growth from a primitive alkaline basalt at 0.8 GPa: Time-dependent compositional evolution, growth rate and competition with clinopyroxene. <i>Lithos</i> , 2020, 354-355, 105272.	1.4	6
8	Clinopyroxene growth rates at high pressure: constraints on magma recharge of the deep reservoir of the Campi Flegrei Volcanic District (south Italy). <i>Bulletin of Volcanology</i> , 2020, 82, 1.	3.0	27
9	Alteration and Mineralization Products of the Zannone Giant Pockmark (Zannone Hydrothermal Field, Italy). <i>Journal of Volcanology and Geothermal Research</i> , 2020, 394, 107959.	2.0	4
10	Tectonics, Dynamics, and Pliocene-Pleistocene Magmatism in the Central Tyrrhenian Sea: Insights From the Submarine Transitional Basalts of the Ventotene Volcanic Ridge (Pontine Islands, Italy). <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009346.	2.5	3
11	Effect of water on the phase relations of primitive K-basalts: Implications for high-pressure differentiation in the Phlegraean Volcanic District magmatic system. <i>Lithos</i> , 2019, 342-343, 530-541.	1.4	9
12	Petrological constraints on the high-Mg basalts from Capo Marargiu (Sardinia, Italy): Evidence of cryptic amphibole fractionation in polybaric environments. <i>Journal of Volcanology and Geothermal Research</i> , 2018, 349, 31-46.	2.1	14
13	Impulsive Supply of Volatile-Rich Magmas in the Shallow Plumbing System of Mt. Etna Volcano. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 482.	2.0	11
14	Isotopic Disequilibrium in Migmatitic Hornfels of the Gennargentu Igneous Complex (Sardinia, Italy) Records the Formation of Low ⁸⁷ Sr/ ⁸⁶ Sr Melts from a Mica-Rich Source. <i>Journal of Petrology</i> , 2018, 59, 1309-1328.	2.8	7
15	Cumulate xenoliths from Mt. Overlord, northern Victoria Land, Antarctica: A window into high pressure storage and differentiation of mantle-derived basalts. <i>Lithos</i> , 2017, 268-271, 225-239.	1.4	18
16	An improved clinopyroxene-based hygrometer for Etnean magmas and implications for eruption triggering mechanisms. <i>American Mineralogist</i> , 2016, 101, 2774-2777.	1.9	62
17	New insights on the petrology of submarine volcanics from the Western Pontine Archipelago (Tyrrhenian Sea, Italy). <i>Journal of Volcanology and Geothermal Research</i> , 2016, 327, 223-239.	2.1	13
18	The Ventotene Volcanic Ridge: a newly explored complex in the central Tyrrhenian Sea (Italy). <i>Bulletin of Volcanology</i> , 2016, 78, 1.	3.0	9

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19	Crystal size distributions of plagioclase in lavas from the July–August 2001 Mount Etna eruption. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	3.0	16
20	Geothermometric study of Cr-spinels of peridotite mantle xenoliths from northern Victoria Land (Antarctica). <i>American Mineralogist</i> , 2014, 99, 839-846.	1.9	25
21	The 1891 submarine eruption offshore Pantelleria Island (Sicily Channel, Italy): Identification of the vent and characterization of products and eruptive style. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 2555-2574.	2.5	22
22	A New Model to Estimate Deep-level Magma Ascent Rates, with Applications to Mt. Etna (Sicily, Italy). <i>Journal of Petrology</i> , 2013, 54, 795-813.	2.8	98
23	Redox state of subcontinental lithospheric mantle and relationships with metasomatism: insights from spinel peridotites from northern Victoria Land (Antarctica). <i>Contributions To Mineralogy and Petrology</i> , 2012, 164, 1053-1067.	3.1	26
24	Thermal Evolution of the Lithosphere in a Rift Environment as Inferred from the Geochemistry of Mantle Cumulates, Northern Victoria Land, Antarctica. <i>Journal of Petrology</i> , 2011, 52, 665-690.	2.8	36
25	Experimental investigation of CO ₂ -rich fluids production in a geothermal area: The Mt Amiata (Tuscany, Italy) case study. <i>Chemical Geology</i> , 2010, 274, 177-186.	3.3	11
26	Cenozoic thermal evolution of lithospheric mantle in northern Victoria Land (Antarctica): Evidences from mantle xenoliths. <i>Tectonophysics</i> , 2010, 486, 28-35.	2.2	21
27	Experimental constraints on evolution of leucite-basanite magma at 1 and 10-4GPa: implications for parental compositions of Roman high-potassium magmas. <i>European Journal of Mineralogy</i> , 2009, 21, 763-782.	1.3	43
28	Metasomatism induced by alkaline magma in the upper mantle of northern Victoria Land (Antarctica): an experimental approach. <i>Geological Society Special Publication</i> , 2008, 293, 279-302.	1.3	9
29	Metasomatism of the upper mantle beneath the Hyblean Plateau (Sicily): evidence from pyroxenes and glass in peridotite xenoliths. <i>Geological Society Special Publication</i> , 2008, 293, 197-221.	1.3	25
30	Geochemical and O-isotope constraints on the evolution of lithospheric mantle in the Ross Sea rift area (Antarctica). <i>Contributions To Mineralogy and Petrology</i> , 2006, 151, 245-266.	3.1	44
31	Cooling kinetics experiments on different Stromboli lavas: Effects on crystal morphologies and phases composition. <i>Journal of Volcanology and Geothermal Research</i> , 2006, 155, 179-200.	2.1	56
32	High-resolution geological model of the gravitational deformation affecting the western slope of Mt. Epomeo (Ischia). <i>Rendiconti Online Societa Geologica Italiana</i> , 0, 35, 104-108.	0.3	1