

Fernanda Gervasoni

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Mantle Xenoliths from Huanul Volcano (Central-West Argentina): A Poorly Depleted Mantle Source under Southern Payenia. <i>Geosciences (Switzerland)</i> , 2022, 12, 157.	2.2	1
2	Recycling process and proto-kimberlite melt metasomatism in the lithosphere-asthenosphere boundary beneath the Amazonian Craton recorded by garnet xenocrysts and mantle xenoliths from the Carolina kimberlite. <i>Geoscience Frontiers</i> , 2022, 13, 101429.	8.4	6
3	Partial melting and subduction-related metasomatism recorded by geochemical and isotope (He-Ne-Ar-Sr-Nd) compositions of spinel lherzolite xenoliths from Coyhaique, Chilean Patagonia. <i>Gondwana Research</i> , 2021, 98, 257-276.	6.0	2
4	Trace element mapping of high-pressure, high-temperature experimental samples with laser ablation ICP time-of-flight mass spectrometry – Illuminating melt-rock reactions in the lithospheric mantle. <i>Lithos</i> , 2020, 352-353, 105282.	1.4	6
5	Magmatic evolution of ediacaran alkali rhyolites from the Acampamento Velho volcanism in the Tupanci area, southern Brazil: A study based on mineral chemistry, LA-ICP-MS Ti-in-quartz and zircon saturation geothermometry. <i>Journal of South American Earth Sciences</i> , 2020, 104, 102814.	1.4	2
6	Geochemistry and geodynamic implications on the source of Paran-Etendeka Large Igneous Province evidenced by the 128-Ma Rosrio-6 kimberlite, southern Brazil. <i>Lithos</i> , 2019, 328-329, 130-145.	1.4	9
7	The effect of fluorine on the stability of wadsleyite: Implications for the nature and depths of the transition zone in the Earth's mantle. <i>Earth and Planetary Science Letters</i> , 2018, 482, 236-244.	4.4	19
8	Experimental constraints on mantle metasomatism caused by silicate and carbonate melts. <i>Lithos</i> , 2017, 282-283, 173-186.	1.4	94
9	The origin of Patagonia revealed by Re-Os systematics of mantle xenoliths. <i>Precambrian Research</i> , 2017, 294, 15-32.	2.7	31
10	Experimental constraints on the stability of baddeleyite and zircon in carbonate- and silicate-carbonate melts. <i>American Mineralogist</i> , 2017, 102, 860-866.	1.9	14
11	The role of F-clinochumite in volatile recycling processes in subduction zones. <i>Geology</i> , 2017, 45, 443-446.	4.4	30
12	Slab-derived components in the subcontinental lithospheric mantle beneath Chilean Patagonia: Geochemistry and Sr-Nd-Pb isotopes of mantle xenoliths and host basalt. <i>Lithos</i> , 2017, 292-293, 179-197.	1.4	12
13	Noble gas composition of subcontinental lithospheric mantle: An extensively degassed reservoir beneath Southern Patagonia. <i>Earth and Planetary Science Letters</i> , 2016, 450, 263-273.	4.4	12
14	Zircon saturation in silicate melts: a new and improved model for aluminous and alkaline melts. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	3.1	99
15	Metallic elements and isotope of Pb in wet precipitation in urban area, South America. <i>Atmospheric Research</i> , 2012, 107, 106-114.	4.1	8
16	Heterogeneidades do Manto Litosfrico Subcontinental ao extremo Sul da Placa Sul-Americana: influncia da subduco atual e interaes litosfera-astenosfera sob o Campo Vulcnico de Pali Aike. <i>Pesquisas Em Geociencias</i> , 2012, 39, 269.	0.1	7
17	Characterization of wet precipitation by X-ray diffraction (XRD) and scanning electron microscopy (SEM) in the metropolitan area of Porto Alegre, Brazil. <i>Journal of Hazardous Materials</i> , 2009, 171, 230-240.	12.4	6