

# Fernanda Gervasoni

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6956933/publications.pdf>

Version: 2024-02-01

17  
papers

358  
citations

1163117

8  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

458  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Experimental constraints on mantle metasomatism caused by silicate and carbonate melts. <i>Lithos</i> , 2017, 282-283, 173-186.	1.4	94
3	The origin of Patagonia revealed by Re-Os systematics of mantle xenoliths. <i>Precambrian Research</i> , 2017, 294, 15-32.	2.7	31
4	The role of F-clinochomite in volatile recycling processes in subduction zones. <i>Geology</i> , 2017, 45, 443-446.	4.4	30
5	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
6	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
7	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
8	Slab-derived components in the subcontinental lithospheric mantle beneath Chilean Patagonia: Geochemistry and Sr- <sup>87</sup> Sr/ <sup>86</sup> Sr and Pb isotopes of mantle xenoliths and host basalt. <i>Lithos</i> , 2017, 292-293, 179-197.	1.4	12
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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