

Carla Tiraboschi

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

244
citations

1307594

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h-index

1720034

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docs citations

9
times ranked

303
citing authors

#	ARTICLE	IF	CITATIONS
1	An Experimental Study on COH-bearing Peridotite up to 3.2 GPa and Implications for Crust-Mantle Recycling. <i>Journal of Petrology</i> , 2013, 54, 453-479.	2.8	101
2	Silicate dissolution boosts the CO ₂ concentrations in subduction fluids. <i>Nature Communications</i> , 2017, 8, 616.	12.8	45
3	Experimental determination of magnesia and silica solubilities in graphite-saturated and redox-buffered high-pressure COH fluids in equilibrium with forsterite+enstatite and magnesite+enstatite. <i>Contributions To Mineralogy and Petrology</i> , 2018, 173, 1.	3.1	34
4	Lithospheric magma dynamics beneath the El Hierro Volcano, Canary Islands: insights from fluid inclusions. <i>Bulletin of Volcanology</i> , 2017, 79, 1.	3.0	20
5	Dissolution susceptibility of glass-like carbon versus crystalline graphite in high-pressure aqueous fluids and implications for the behavior of organic matter in subduction zones. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 273, 383-402.	3.9	19
6	Quantitative analysis of COH fluids synthesized at HP & HT conditions: an optimized methodology to measure volatiles in experimental capsules. <i>Geofluids</i> , 2016, 16, 841-855.	0.7	16
7	Carbon-saturated COH fluids in the upper mantle: a review of high-pressure and high-temperature ex situ experiments. <i>European Journal of Mineralogy</i> , 2022, 34, 59-75.	1.3	9
8	Dissolution of Subducted Ocean Carbonates and Organic Matter Controls the Carbon Isotopic Signature of the Mantle Wedge. , 2020, , .		0
9	Oxidation of subducted organic matter buffered by marine carbonate rules the carbon isotopic signature of arc emissions. , 2021, , .		0