

Kristina J Walowski

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8373828/publications.pdf>

Version: 2024-02-01

10
papers

338
citations

1307366

7
h-index

1372474

10
g-index

11
all docs

11
docs citations

11
times ranked

428
citing authors

#	ARTICLE	IF	CITATIONS
1	Slab melting beneath the Cascade Arc driven by dehydration of altered oceanic peridotite. <i>Nature Geoscience</i> , 2015, 8, 404-408.	5.4	93
2	Light Stable Isotopic Compositions of Enriched Mantle Sources: Resolving the Dehydration Paradox. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 3801-3839.	1.0	70
3	Subduction-Driven Volatile Recycling: A Global Mass Balance. <i>Annual Review of Earth and Planetary Sciences</i> , 2021, 49, 37-70.	4.6	65
4	Slab melting and magma formation beneath the southern Cascade arc. <i>Earth and Planetary Science Letters</i> , 2016, 446, 100-112.	1.8	50
5	Investigating ocean island mantle source heterogeneity with boron isotopes in melt inclusions. <i>Earth and Planetary Science Letters</i> , 2019, 508, 97-108.	1.8	21
6	Boron recycling in the mantle: Evidence from a global comparison of ocean island basalts. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 302, 83-100.	1.6	16
7	Understanding melt evolution and eruption dynamics of the 1666 C.E. eruption of Cinder Cone, Lassen Volcanic National Park, California: Insights from olivine-hosted melt inclusions. <i>Journal of Volcanology and Geothermal Research</i> , 2019, 387, 106665.	0.8	8
8	Diffusive equilibration of H ₂ O and oxygen fugacity in natural olivine-hosted melt inclusions. <i>Earth and Planetary Science Letters</i> , 2022, 584, 117409.	1.8	7
9	Hydrogen Isotope Composition of a Large Silicic Magma Reservoir Preserved in Quartz-Hosted Glass Inclusions of the Bishop Tuff Plinian Eruption. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009358.	1.0	4
10	Pre-eruptive storage, evolution, and ascent timescales of a high-Mg basaltic andesite in the southern Cascade Arc. <i>Contributions To Mineralogy and Petrology</i> , 2020, 175, 1.	1.2	4