

# Juliana Troch

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3183925/publications.pdf>

Version: 2024-02-01

9  
papers

202  
citations

1307594

7  
h-index

1588992

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

172  
citing authors

#	ARTICLE	IF	CITATIONS
1	Low- $\delta^{18}\text{O}$ silicic magmas on Earth: A review. <i>Earth-Science Reviews</i> , 2020, 208, 103299.	9.1	61
2	Tracing the depositional history of Kalimantan diamonds by zircon provenance and diamond morphology studies. <i>Lithos</i> , 2016, 265, 159-176.	1.4	38
3	The dark side of zircon: textural, age, oxygen isotopic and trace element evidence of fluid saturation in the subvolcanic reservoir of the Island Park-Mount Jackson Rhyolite, Yellowstone (USA). <i>Contributions To Mineralogy and Petrology</i> , 2018, 173, 1.	3.1	31
4	The effect of prior hydrothermal alteration on the melting behaviour during rhyolite formation in Yellowstone, and its importance in the generation of low- $\delta^{18}\text{O}$ magmas. <i>Earth and Planetary Science Letters</i> , 2018, 481, 338-349.	4.4	21
5	Assessing magmatic volatile equilibria through FTIR spectroscopy of unexposed melt inclusions and their host quartz: a new technique and application to the Mesa Falls Tuff, Yellowstone. <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	3.1	18
6	The physical and chemical evolution of magmatic fluids in near-solidus silicic magma reservoirs: Implications for the formation of pegmatites. <i>American Mineralogist</i> , 2022, 107, 190-205.	1.9	16
7	Rhyolite Generation prior to a Yellowstone Supereruption: Insights from the Island Park "Mount Jackson Rhyolite Series. <i>Journal of Petrology</i> , 0, , egw071.	2.8	9
8	Experimental Melting of Hydrothermally Altered Rocks: Constraints for the Generation of Low- $\delta^{18}\text{O}$ Rhyolites in the Central Snake River Plain. <i>Journal of Petrology</i> , 2019, 60, 1881-1902.	2.8	7
9	Oxygen and hydrogen isotope analysis of experimentally generated magmatic and metamorphic aqueous fluids using laser spectroscopy (WS-CRDS). <i>Chemical Geology</i> , 2021, 584, 120487.	3.3	1