

Laura E Waters

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10707113/publications.pdf>

Version: 2024-02-01

8
papers

460
citations

1307594

7
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

525
citing authors

#	ARTICLE	IF	CITATIONS
1	An updated calibration of the plagioclase-liquid hygrometer-thermometer applicable to basalts through rhyolites. <i>American Mineralogist</i> , 2015, 100, 2172-2184.	1.9	243
2	Rapid Crystallization of Plagioclase Phenocrysts in Silicic Melts during Fluid-saturated Ascent: Phase Equilibrium and Decompression Experiments. <i>Journal of Petrology</i> , 2015, 56, 981-1006.	2.8	49
3	No effect of H ₂ O degassing on the oxidation state of magmatic liquids. <i>Earth and Planetary Science Letters</i> , 2016, 447, 48-59.	4.4	45
4	Why aplites freeze and rhyolites erupt: Controls on the accumulation and eruption of high-SiO ₂ (eutectic) melts. <i>Geology</i> , 2017, 45, 1019-1022.	4.4	28
5	Crystal-poor, multiply saturated rhyolites (obsidians) from the Cascade and Mexican arcs: evidence of degassing-induced crystallization of phenocrysts. <i>Contributions To Mineralogy and Petrology</i> , 2013, 166, 731-754.	3.1	23
6	An experimental study of $K_{\text{D}}^{\text{Fe}^{2+}/\text{Mg}}$ between orthopyroxene and rhyolite: a strong dependence on H ₂ O in the melt. <i>Contributions To Mineralogy and Petrology</i> , 2017, 172, 1.	3.1	21
7	The role of superheating in the formation of Glass Mountain obsidians (Long Valley, CA) inferred through crystallization of sanidine. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	3.1	7
8	The petrologic history of the Sanganguey volcanic field, Nayarit, Mexico: Comparisons in a suite of crystal-rich and crystal-poor lavas. <i>Journal of Volcanology and Geothermal Research</i> , 2017, 336, 51-67.	2.1	5