

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