

# Megan E Newcombe

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6439429/publications.pdf>

Version: 2024-02-01

11  
papers

603  
citations

933447

10  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

868  
citing authors

#	ARTICLE	IF	CITATIONS
1	Silicate melt inclusions in the new millennium: A review of recommended practices for preparation, analysis, and data presentation. <i>Chemical Geology</i> , 2021, 570, 120145.	3.3	40
2	Magma Pressure-Temperature-Time Paths During Mafic Explosive Eruptions. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	11
3	Water-in-olivine magma ascent chronometry: Every crystal is a clock. <i>Journal of Volcanology and Geothermal Research</i> , 2020, 398, 106872.	2.1	39
4	Vapor-bubble growth in olivine-hosted melt inclusions. <i>American Mineralogist</i> , 2020, 105, 1898-1919.	1.9	33
5	Magma decompression rate correlates with explosivity at basaltic volcanoes – Constraints from water diffusion in olivine. <i>Journal of Volcanology and Geothermal Research</i> , 2019, 387, 106664.	2.1	62
6	Effects of pH <sub>2</sub> O, pH <sub>2</sub> and fO <sub>2</sub> on the diffusion of H-bearing species in lunar basaltic liquid and an iron-free basaltic analog at 1 atm. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 259, 316-343.	3.9	9
7	Rates of dehydration of olivines from San Carlos and Kilauea Iki. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 242, 165-190.	3.9	38
8	Solubility of water in lunar basalt at low pH <sub>2</sub> O. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 200, 330-352.	3.9	34
9	Mineralogy, provenance, and diagenesis of a potassic basaltic sandstone on Mars: CheMin X-ray diffraction of the Windjana sample (Kimberley area, Gale Crater). <i>Journal of Geophysical Research E: Planets</i> , 2016, 121, 75-106.	3.6	159
10	Chemical zonation in olivine-hosted melt inclusions. <i>Contributions To Mineralogy and Petrology</i> , 2014, 168, 1.	3.1	44
11	The Petrochemistry of Jake_M: A Martian Mugearite. <i>Science</i> , 2013, 341, 1239463.	12.6	134