Megan E Newcombe

List of Publications by Year
in descending order

11	603	933447 10	1281871 11
papers	citations	h-index	g-index

11	11	11	868
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mineralogy, provenance, and diagenesis of a potassic basaltic sandstone on Mars: CheMin Xâ€ray diffraction of the Windjana sample (Kimberley area, Gale Crater). Journal of Geophysical Research E: Planets, 2016, 121, 75-106.	3.6	159
2	The Petrochemistry of Jake_M: A Martian Mugearite. Science, 2013, 341, 1239463.	12.6	134
3	Magma decompression rate correlates with explosivity at basaltic volcanoes â€" Constraints from water diffusion in olivine. Journal of Volcanology and Geothermal Research, 2019, 387, 106664.	2.1	62
4	Chemical zonation in olivine-hosted melt inclusions. Contributions To Mineralogy and Petrology, 2014, 168, 1.	3.1	44
5	Silicate melt inclusions in the new millennium: A review of recommended practices for preparation, analysis, and data presentation. Chemical Geology, 2021, 570, 120145.	3.3	40
6	Water-in-olivine magma ascent chronometry: Every crystal is a clock. Journal of Volcanology and Geothermal Research, 2020, 398, 106872.	2.1	39
7	Rates of dehydration of olivines from San Carlos and Kilauea Iki. Geochimica Et Cosmochimica Acta, 2018, 242, 165-190.	3.9	38
8	Solubility of water in lunar basalt at low pH2O. Geochimica Et Cosmochimica Acta, 2017, 200, 330-352.	3.9	34
9	Vapor-bubble growth in olivine-hosted melt inclusions. American Mineralogist, 2020, 105, 1898-1919.	1.9	33
10	Magma Pressure-Temperature-Time Paths During Mafic Explosive Eruptions. Frontiers in Earth Science, 2020, 8, .	1.8	11
11	Effects of pH2O, pH2 and fO2 on the diffusion of H-bearing species in lunar basaltic liquid and an iron-free basaltic analog at 1â€¯atm. Geochimica Et Cosmochimica Acta, 2019, 259, 316-343.	3.9	9