

Molly McCanta

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2148874/publications.pdf>

Version: 2024-02-01

10
papers

265
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

390
citing authors

#	ARTICLE	IF	CITATIONS
1	The absorption indicatrix as an empirical model to describe anisotropy in X-ray absorption spectra of pyroxenes. <i>American Mineralogist</i> , 2022, 107, 654-663.	1.9	5
2	New lunar meteorite <scp>NWA</scp> 10986: A mingled impact melt breccia from the highlandsâ€”A complete cross section of the lunar crust. <i>Meteoritics and Planetary Science</i> , 2019, 54, 3018-3035.	1.6	7
3	Oxidation state of iron in fulgurites and Trinitite: Implications for redox changes during abrupt high-temperature and pressure events. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 266, 332-350.	3.9	16
4	Direct measurements of copper speciation in basaltic glasses: understanding the relative roles of sulfur and oxygen in copper complexation in melts. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 267, 164-178.	3.9	15
5	Accurate predictions of microscale oxygen barometry in basaltic glasses using V K-edge X-ray absorption spectroscopy: A multivariate approach. <i>American Mineralogist</i> , 2018, 103, 1282-1297.	1.9	16
6	In situ measurement of ferric iron in lunar glass beads using Fe-XAS. <i>Icarus</i> , 2017, 285, 95-102.	2.5	16
7	Impactâ€”related thermal effects on the redox state of Caâ€”pyroxene. <i>Meteoritics and Planetary Science</i> , 2017, 52, 320-332.	1.6	8
8	Accurate predictions of iron redox state in silicate glasses: A multivariate approach using X-ray absorption spectroscopy. <i>American Mineralogist</i> , 2016, 101, 744-747.	1.9	26
9	The LaPaz Icefield 04840 meteorite: Mineralogy, metamorphism, and origin of an amphibole- and biotite-bearing R chondrite. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 5757-5780.	3.9	90
10	Martian Dunite NWA 2737: Petrographic constraints on geological history, shock events, and olivine color. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	66