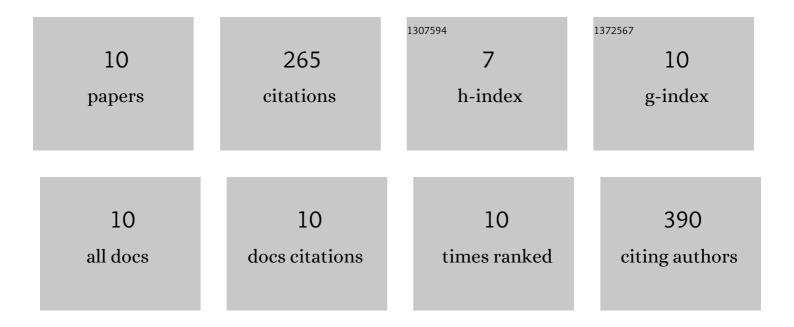
## Molly McCanta

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2148874/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	The absorption indicatrix as an empirical model to describe anisotropy in X-ray absorption spectra of pyroxenes. American Mineralogist, 2022, 107, 654-663.	1.9	5
2	New lunar meteorite <scp>NWA</scp> 10986: A mingled impact melt breccia from the highlands—A complete cross section of the lunar crust. Meteoritics and Planetary Science, 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. Geochimica Et Cosmochimica Acta, 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. Geochimica Et Cosmochimica Acta, 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. American Mineralogist, 2018, 103, 1282-1297.	1.9	16
6	In situ measurement of ferric iron in lunar glass beads using Fe-XAS. Icarus, 2017, 285, 95-102.	2.5	16
7	Impactâ€related thermal effects on the redox state of Caâ€pyroxene. Meteoritics and Planetary Science, 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. American Mineralogist, 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. Geochimica Et Cosmochimica Acta, 2008, 72, 5757-5780.	3.9	90
10	Martian Dunite NWA 2737: Petrographic constraints on geological history, shock events, and olivine color. Journal of Geophysical Research, 2007, 112, .	3.3	66