

Yang Chen

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

797
citations

840776

11
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

845
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact-melt hygrometer for Mars: The case of shergottite Elephant Moraine (EETA) 79001. Earth and Planetary Science Letters, 2018, 490, 206-215.	4.4	18
2	A heterogeneous lunar interior for hydrogen isotopes as revealed by the lunar highlands samples. Earth and Planetary Science Letters, 2017, 473, 14-23.	4.4	36
3	Postcrystallization metasomatism in shergottites: Evidence from the paired meteorites <sc>LAR</sc> 06319 and <sc>LAR</sc> 12011. Meteoritics and Planetary Science, 2016, 51, 2061-2072.	1.6	11
4	Kinetics of anorthite dissolution in basaltic melt. Geochimica Et Cosmochimica Acta, 2016, 179, 257-274.	3.9	32
5	Evidence in Tissint for recent subsurface water on Mars. Earth and Planetary Science Letters, 2015, 425, 55-63.	4.4	29
6	Water, fluorine, and sulfur concentrations in the lunar mantle. Earth and Planetary Science Letters, 2015, 427, 37-46.	4.4	93
7	In situ observation of crystal growth in a basalt melt and the development of crystal size distribution in igneous rocks. Contributions To Mineralogy and Petrology, 2014, 167, 1.	3.1	54
8	Magma ascent rate and initial water concentration inferred from diffusive water loss from olivine-hosted melt inclusions. Contributions To Mineralogy and Petrology, 2013, 165, 525-541.	3.1	45
9	Melt inclusions in olivine and plagioclase phenocrysts from Antarctic Phoenix Ridge basalts: Implications for origins of N- and E-type MORB parent magmas. Journal of Volcanology and Geothermal Research, 2013, 253, 75-86.	2.1	7
10	The rate of water loss from olivine-hosted melt inclusions. Contributions To Mineralogy and Petrology, 2011, 162, 625-636.	3.1	103
11	8. Diffusion Data in Silicate Melts. , 2010, , 311-408.		15
12	Clinopyroxene dissolution in basaltic melt. Geochimica Et Cosmochimica Acta, 2009, 73, 5730-5747.	3.9	62
13	Olivine dissolution in basaltic melt. Geochimica Et Cosmochimica Acta, 2008, 72, 4756-4777.	3.9	87
14	Geochemistry of Cenozoic basalts and mantle xenoliths in Northeast China. Lithos, 2007, 96, 108-126.	1.4	205