

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