

# Chaowen Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6504037/publications.pdf>

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9  
papers

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citations

1936888

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1588620

8  
g-index

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10  
docs citations

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times ranked

75  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solubility behavior of $\hat{\nu}$ -AlOOH and $\hat{\mu}$ -FeOOH at high pressures. <i>American Mineralogist</i> , 2019, 104, 1416-1420.	0.9	19
2	Melting of Al-Rich Phase D up to the Uppermost Lower Mantle and Transportation of H <sub>2</sub> O to the Deep Earth. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 4382-4389.	1.0	15
3	Sound Velocities of Al-Bearing Phase D up to 22 GPa and 1300 K. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088877.	1.5	8
4	Effect of Al on the stability of dense hydrous magnesium silicate phases to the uppermost lower mantle: implications for water transportation into the deep mantle. <i>Physics and Chemistry of Minerals</i> , 2021, 48, 1.	0.3	6
5	Phase Relations in MAFSH System up to 21 GPa: Implications for Water Cycles in Martian Interior. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 559.	0.8	3
6	Elastic properties of Mg-phase D at high pressure. <i>High Pressure Research</i> , 2021, 41, 233-246.	0.4	2
7	Melting phase relation of Fe-bearing Phase D up to the uppermost lower mantle. <i>American Mineralogist</i> , 2021, , .	0.9	1
8	Al partitioning between phase D and bridgmanite at the uppermost lower mantle pressure. <i>Physics and Chemistry of Minerals</i> , 2021, 48, 1.	0.3	1
9	Sound Velocities of Superhydrous Phase B up to 21 GPa and 900 K. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	0