

Xianguen Wu

List of Publications by Year in descending order

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7
papers

196
citations

1478505

6
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

240
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature-Dependent Hydrophobic Crossover Length Scale and Water Tetrahedral Order. Journal of Physical Chemistry Letters, 2018, 9, 1012-1017.	4.6	51
2	Methane Hydrationâ€Shell Structure and Fragility. Angewandte Chemie - International Edition, 2018, 57, 15133-15137.	13.8	41
3	Temperature and salinity effects on the Raman scattering cross section of the water OH-stretching vibration band in NaCl aqueous solutions from 0 to 300â€%Å°C. Journal of Raman Spectroscopy, 2017, 48, 314-322.	2.5	40
4	A re-evaluation of the effects of temperature and NaCl concentration on quantitative Raman spectroscopic measurements of dissolved CH4 in NaCl aqueous solutions: Application to fluid inclusion analysis. Chemical Geology, 2015, 417, 1-10.	3.3	27
5	Hiding in the Crowd: Spectral Signatures of Overcoordinated Hydrogen-Bond Environments. Journal of Physical Chemistry Letters, 2019, 10, 6067-6073.	4.6	22
6	Measurement of methane solubility in pure water in equilibrium with hydrate by using highâ€pressure optical capillary cell. Marine Chemistry, 2019, 212, 74-82.	2.3	15
7	Methane Hydrationâ€Shell Structure and Fragility. Angewandte Chemie, 2018, 130, 15353-15357.	2.0	0