

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