

Xu-Liang Zhu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Comparative Analysis of the Hydrogen Bond Vibrations of Ice XII. ACS Omega, 2022, 7, 2970-2974.	3.5	2
2	A Strategy for the Analysis of the Far-Infrared Vibrational Modes of Hydrogen-Disordered Ice V. Journal of Physical Chemistry C, 2021, 125, 7913-7918.	3.1	4
3	A Computational Validation of Water Molecules Adsorption on an NaCl Surface. Crystals, 2021, 11, 610.	2.2	4
4	Comparative Analysis of Hydrogen-Bonding Vibrations of Ice VI. ACS Omega, 2021, 6, 14442-14446.	3.5	3
5	Studies of Hydrogen Bond Vibrations of Hydrogen-Disordered Ice Ic. Crystals, 2021, 11, 668.	2.2	4
6	Origin of Two Distinct Peaks of Ice in the THz Region and Its Application for Natural Gas Hydrate Dissociation. Journal of Physical Chemistry C, 2020, 124, 1165-1170.	3.1	12
7	Density functional theory studies of hydrogen bonding vibrations in sl gas hydrates. New Journal of Physics, 2020, 22, 093066.	2.9	6
8	DFT Investigations of the Vibrational Spectra and Translational Modes of Ice II. Molecules, 2019, 24, 3135.	3.8	8
9	Computational Analysis of Exotic Molecular and Atomic Vibrations in Ice XV. Molecules, 2019, 24, 3115.	3.8	11
10	Investigations of the Hydrogen Bonds and Vibrational Spectra of Clathrate Ice XVI. Materials, 2019, 12, 246.	2.9	16
11	Comparative Analysis of Hydrogen Bond Vibrations in Ice VIII and VII. Journal of Physical Chemistry C, 2019, 123, 14880-14883.	3.1	14
12	Computational analysis of vibrational spectrum and hydrogen bonds of ice XVII. New Journal of Physics, 2019, 21, 043054.	2.9	15
13	Computing Investigations of Molecular and Atomic Vibrations of Ice IX. ACS Omega, 2019, 4, 18936-18941.	3.5	4
14	Two basic vibrational modes of hydrogen bonds in ice XIII. AIP Advances, 2019, 9, 115118.	1.3	4
15	Exotic Spectra and Lattice Vibrations of Ice X Using the DFT Method. Molecules, 2018, 23, 2780.	3.8	9
16	DFT Simulations of the Vibrational Spectrum and Hydrogen Bonds of Ice XIV. Molecules, 2018, 23, 1781.	3.8	15