

Vesa Hänninen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/131507/publications.pdf>

Version: 2024-02-01

10
papers

122
citations

1937685

4
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

132
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The effect of large amplitude motions on the transition frequency redshift in hydrogen bonded complexes: A physical picture. <i>Journal of Chemical Physics</i> , 2014, 140, 184309. | 3.0 | 47 |
| 2 | The effect of large amplitude motions on the vibrational intensities in hydrogen bonded complexes. <i>Journal of Chemical Physics</i> , 2015, 142, 094304. | 3.0 | 39 |
| 3 | <i>Ab initio</i> molecular dynamics studies of formic acid dimer colliding with liquid water. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 23717-23725. | 2.8 | 15 |
| 4 | An <i>ab Initio</i> Study of van der Waals Potential Energy Parameters for Silver Clusters. <i>Journal of Physical Chemistry A</i> , 2011, 115, 2332-2339. | 2.5 | 6 |
| 5 | Path sampling for atmospheric reactions: formic acid catalysed conversion of $\text{SO}_3 + \text{H}_2\text{O}$ to H_2SO_4 . <i>PeerJ Physical Chemistry</i> , 0, 2, e7. | 0.0 | 5 |
| 6 | <i>Ab Initio</i> Molecular Dynamics Simulations of the Influence of Lithium Bromide on the Structure of the Aqueous Solution–Air Interface. <i>Journal of Physical Chemistry B</i> , 2019, 123, 729-737. | 2.6 | 4 |
| 7 | Effects of Global and Local Anharmonicities on the Thermodynamic Properties of Sulfuric Acid Monohydrate. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 5511-5524. | 5.3 | 3 |
| 8 | Generalized Intermolecular Interaction Tensor Applied to Long-Range Interactions in Hydrogen and Coinage Metal (Cu, Ag, and Au) Clusters. <i>Journal of Physical Chemistry A</i> , 2015, 119, 11729-11736. | 2.5 | 2 |
| 9 | An <i>Ab Initio</i> Molecular Dynamics Study of the Hydrolysis Reaction of Sulfur Trioxide Catalyzed by a Formic Acid or Water Molecule. <i>Journal of Physical Chemistry A</i> , 2020, 124, 1922-1928. | 2.5 | 1 |
| 10 | Photoacoustic Optical Frequency Comb Spectroscopy of Radioactive Methane in the Mid-Infrared Region. , 2019, , . | | 0 |