

Zhumin Han

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2325615/publications.pdf>

Version: 2024-02-01

8
papers

385
citations

1477746
6
h-index

1588620
8
g-index

8
all docs

8
docs citations

8
times ranked

767
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-space imaging of molecular structure and chemical bonding by single-molecule inelastic tunneling probe. <i>Science</i> , 2014, 344, 885-888.	6.0	150
2	Imaging the halogen bond in self-assembled halogenbenzenes on silver. <i>Science</i> , 2017, 358, 206-210.	6.0	150
3	Probing Intermolecular Coupled Vibrations between Two Molecules. <i>Physical Review Letters</i> , 2017, 118, 036801.	2.9	22
4	Trapping and Characterization of a Single Hydrogen Molecule in a Continuously Tunable Nanocavity. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 3453-3457.	2.1	21
5	Nature of Asymmetry in the Vibrational Line Shape of Single-Molecule Inelastic Electron Tunneling Spectroscopy with the STM. <i>Physical Review Letters</i> , 2016, 116, 166101.	2.9	19
6	Imaging van der Waals Interactions. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 5205-5211.	2.1	11
7	Quantitative Understanding of van der Waals Interactions by Analyzing the Adsorption Structure and Low-Frequency Vibrational Modes of Single Benzene Molecules on Silver. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 2228-2233.	2.1	6
8	Detection and Characterization of Anharmonic Overtone Vibrations of Single Molecules on a Metal Surface. <i>Physical Review Letters</i> , 2019, 122, 106801.	2.9	6