Chunyi Zhang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9166710/publications.pdf

Version: 2024-02-01

11	190	1307594 7	1372567 10
papers	citations	h-index	g-index

11	11	11	111
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Finite-temperature phonon dispersion and vibrational dynamics of BaTiO3 from first-principles molecular dynamics. Physical Review B, 2022, 105, .	3.2	3
2	Dissolving salt is not equivalent to applying a pressure on water. Nature Communications, 2022, 13, 822.	12.8	41
3	Many-body effects in the X-ray absorption spectra of liquid water. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2201258119.	7.1	11
4	Importance of nuclear quantum effects on the hydration of chloride ion. Physical Review Materials, 2021, 5, .	2.4	11
5	Modeling Liquid Water by Climbing up Jacobâ€™s Ladder in Density Functional Theory Facilitated by Using Deep Neural Network Potentials. Journal of Physical Chemistry B, 2021, 125, 11444-11456.	2.6	40
6	Isotope effects in x-ray absorption spectra of liquid water. Physical Review B, 2020, 102, .	3.2	6
7	Isotope effects in molecular structures and electronic properties of liquid water via deep potential molecular dynamics based on the SCAN functional. Physical Review B, 2020, 102, .	3.2	22
8	Nano-architected metamaterials: Carbon nanotube-based nanotrusses. Carbon, 2018, 131, 38-46.	10.3	29
9	Finite-temperature infrared and Raman spectra of high-pressure hydrogen from first-principles molecular dynamics. Physical Review B, 2018, 98, .	3.2	14
10	Thermal conductance of one-dimensional materials calculated with typical lattice models. Physical Review E, 2016, 94, 052131.	2.1	5
11	Structural and Dynamic Properties of Solvated Hydroxide and Hydronium Ions in Water from Ab Initio Modeling. Journal of Chemical Physics, 0, , .	3.0	8