Olaseni Sode

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4902723/publications.pdf

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16	387	933447	940533
papers	citations	10 h-index	16 g-index

17	17	17	327
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ab Initio Molecular Crystal Structures, Spectra, and Phase Diagrams. Accounts of Chemical Research, 2014, 47, 2721-2730.	15.6	80
2	Second-order many-body perturbation study of ice Ih. Journal of Chemical Physics, 2012, 137, 204505.	3.0	69
3	Simulating Protein Mediated Hydrolysis of ATP and Other Nucleoside Triphosphates by Combining QM/MM Molecular Dynamics with Advances in Metadynamics. Journal of Chemical Theory and Computation, 2017, 13, 2332-2341.	5.3	40
4	Coupledâ€cluster and manyâ€body perturbation study of energies, structures, and phonon dispersions of solid hydrogen fluoride. International Journal of Quantum Chemistry, 2009, 109, 1928-1939.	2.0	37
5	Second-order many-body perturbation study of solid hydrogen fluoride under pressure. Physical Chemistry Chemical Physics, 2012, 14, 7765.	2.8	37
6	Second-Order Many-Body Perturbation Study of Solid Hydrogen Fluoride^{â€}. Journal of Physical Chemistry A, 2010, 114, 8873-8877.	2.5	24
7	Extensivity of Energy and Electronic and Vibrational Structure Methods for Crystals. Annual Review of Physical Chemistry, 2012, 63, 131-153.	10.8	21
8	Second-Order Many-Body Perturbation Study on Thermal Expansion of Solid Carbon Dioxide. Journal of Chemical Theory and Computation, 2015, 11, 224-229.	5.3	20
9	Second-order many-body perturbation and coupled-cluster singles and doubles study of ice VIII. Journal of Chemical Physics, 2014, 140, 174507.	3.0	19
10	Development of a Flexibleâ€Monomer Twoâ€Body Carbon Dioxide Potential and Its Application to Clusters up to (CO₂)₁₃. Journal of Computational Chemistry, 2017, 38, 2763-2774.	3.3	13
11	Building capacity for undergraduate education and training in computational molecular science: A collaboration between the MERCURY consortium and the Molecular Sciences Software Institute. International Journal of Quantum Chemistry, 2020, 120, e26359.	2.0	9
12	Understanding the anharmonic vibrational structure of the carbon dioxide dimer. Journal of Chemical Physics, 2019, 150, 144302.	3.0	5
13	Finding Chemical Reaction Paths with a Multilevel Preconditioning Protocol. Journal of Chemical Theory and Computation, 2014, 10, 5467-5475.	5.3	3
14	Exploring the anharmonic vibrational structure of carbon dioxide trimers. Journal of Chemical Physics, 2021, 154, 144302.	3.0	3
15	Theoretical investigation of the vibrational structure of the Arâ€“CO2 complex. Journal of Molecular Spectroscopy, 2021, 380, 111512.	1.2	3
16	Embedded fragmentation of vibrational energies. Journal of Chemical Physics, 2012, 137, 174104.	3.0	1