Olaseni Sode

List of Publications by Year
in descending order

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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	Exploring the anharmonic vibrational structure of carbon dioxide trimers. Journal of Chemical Physics, 2021, 154, 144302.	3.0	3
2	Theoretical investigation of the vibrational structure of the Arâ€“CO2 complex. Journal of Molecular Spectroscopy, 2021, 380, 111512.	1.2	3
3	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
4	Understanding the anharmonic vibrational structure of the carbon dioxide dimer. Journal of Chemical Physics, 2019, 150, 144302.	3.0	5
5	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
6	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
7	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
8	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
9	Finding Chemical Reaction Paths with a Multilevel Preconditioning Protocol. Journal of Chemical Theory and Computation, 2014, 10, 5467-5475.	5.3	3
10	Ab Initio Molecular Crystal Structures, Spectra, and Phase Diagrams. Accounts of Chemical Research, 2014, 47, 2721-2730.	15.6	80
11	Embedded fragmentation of vibrational energies. Journal of Chemical Physics, 2012, 137, 174104.	3.0	1
12	Second-order many-body perturbation study of ice Ih. Journal of Chemical Physics, 2012, 137, 204505.	3.0	69
13	Second-order many-body perturbation study of solid hydrogen fluoride under pressure. Physical Chemistry Chemical Physics, 2012, 14, 7765.	2.8	37
14	Extensivity of Energy and Electronic and Vibrational Structure Methods for Crystals. Annual Review of Physical Chemistry, 2012, 63, 131-153.	10.8	21
15	Second-Order Many-Body Perturbation Study of Solid Hydrogen Fluoride^{â€}. Journal of Physical Chemistry A, 2010, 114, 8873-8877.	2.5	24
16	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