

Chandra Shahi

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

287
citations

1162367

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h-index

1588620

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8
all docs

8
docs citations

8
times ranked

380
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | How Good Is the Density-Corrected SCAN Functional for Neutral and Ionic Aqueous Systems, and What Is So Right about the Hartree-Fock Density?. <i>Journal of Chemical Theory and Computation</i> , 2022, 18, 4745-4761. | 2.3 | 20 |
| 2 | Self-interaction correction in water-ion clusters. <i>Journal of Chemical Physics</i> , 2021, 154, 094302. | 1.2 | 16 |
| 3 | A step in the direction of resolving the paradox of Perdew-Zunger self-interaction correction. II. Gauge consistency of the energy density at three levels of approximation. <i>Journal of Chemical Physics</i> , 2020, 152, 214109. | 1.2 | 23 |
| 4 | Self-interaction-free electric dipole polarizabilities for atoms and their ions using the Fermi-Landau self-interaction correction. <i>Physical Review A</i> , 2019, 100, . | 1.0 | 27 |
| 5 | Stretched or noded orbital densities and self-interaction correction in density functional theory. <i>Journal of Chemical Physics</i> , 2019, 150, 174102. | 1.2 | 46 |
| 6 | Accurate critical pressures for structural phase transitions of group IV, III-V, and II-VI compounds from the SCAN density functional. <i>Physical Review B</i> , 2018, 97, . | 1.1 | 100 |
| 7 | Origin of the size-dependence of the equilibrium van der Waals binding between nanostructures. <i>Journal of Chemical Physics</i> , 2018, 148, 074110. | 1.2 | 39 |
| 8 | How accurate are the parametrized correlation energies of the uniform electron gas?. <i>Physical Review B</i> , 2018, 97, . | 1.1 | 16 |