

Chandra Shahi

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

287
citations

1162367

8
h-index

1588620

8
g-index

8
all docs

8
docs citations

8
times ranked

380
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Self-interaction-free electric dipole polarizabilities for atoms and their ions using the Fermi-LÅrdwin self-interaction correction. <i>Physical Review A</i> , 2019, 100, .	1.0	27
5	A step in the direction of resolving the paradox of Perdewâ€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
6	How Good Is the Density-Corrected SCAN Functional for Neutral and Ionic Aqueous Systems, and What Is So Right about the Hartreeâ€Fock Density?. <i>Journal of Chemical Theory and Computation</i> , 2022, 18, 4745-4761.	2.3	20
7	How accurate are the parametrized correlation energies of the uniform electron gas?. <i>Physical Review B</i> , 2018, 97, .	1.1	16
8	Self-interaction correction in waterâ€ion clusters. <i>Journal of Chemical Physics</i> , 2021, 154, 094302.	1.2	16