

Puskar Bhattarai

List of Publications by Year in descending order

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10
papers

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citations

1162367

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11
docs citations

11
times ranked

331
citing authors

#	ARTICLE	IF	CITATIONS
1	Stretched or noded orbital densities and self-interaction correction in density functional theory. Journal of Chemical Physics, 2019, 150, 174102.	1.2	46
2	A step in the direction of resolving the paradox of Perdew's Zunger self-interaction correction. II. Gauge consistency of the energy density at three levels of approximation. Journal of Chemical Physics, 2020, 152, 214109.	1.2	23
3	How accurate are the parametrized correlation energies of the uniform electron gas?. Physical Review B, 2018, 97, .	1.1	16
4	Self-interaction correction in water's ion clusters. Journal of Chemical Physics, 2021, 154, 094302.	1.2	16
5	Modeling the physisorption of graphene on metals. Physical Review B, 2018, 97, .	1.1	15
6	The Fermi's Löwdin self-interaction correction for ionization energies of organic molecules. Journal of Chemical Physics, 2020, 153, 184303.	1.2	12
7	Exploring and enhancing the accuracy of interior-scaled Perdew's Zunger self-interaction correction. Journal of Chemical Physics, 2021, 154, 094105.	1.2	12
8	Simple hydrogenic estimates for the exchange and correlation energies of atoms and atomic ions, with implications for density functional theory. Journal of Chemical Physics, 2020, 153, 074114.	1.2	10
9	Density-related properties from self-interaction corrected density functional theory calculations. Journal of Chemical Physics, 2021, 154, 024102.	1.2	8
10	Normal-state and superconducting properties of Co-doped BaFe ₂ As ₂ and MgB ₂ thin films after focused helium ion beam irradiation. Superconductor Science and Technology, 2019, 32, 095009.	1.8	6