Kushantha P K Withanage

List of Publications by Year
in descending order

12	212	1163117 8	1281871 11
papers	citations	h-index	g-index

12	12	12	96
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fermiâ€“LÃ¶wdin orbital self-interaction correction of adsorption energies on transition metal ions. Journal of Chemical Physics, 2022, 156, 134102.	3.0	2
2	Complex Fermiâ€“LÃ¶wdin orbital self-interaction correction. Journal of Chemical Physics, 2022, 156, .	3.0	5
3	Density-related properties from self-interaction corrected density functional theory calculations. Journal of Chemical Physics, 2021, 154, 024102.	3.0	8
4	Self-interaction-free electric dipole polarizabilities for atoms and their ions using the Fermi-LÃ¶wdin self-interaction correction. Physical Review A, 2019, 100, .	2.5	27
5	Computational insights into structural and optical properties of P-containing and N-containing ligands capped CdSe clusters. Molecular Simulation, 2019, 45, 1426-1431.	2.0	0
6	The effect of self-interaction error on electrostatic dipoles calculated using density functional theory. Journal of Chemical Physics, 2019, 151, 174106.	3.0	29
7	Comment on â€œAdditional Insights Between Fermi-LÃ¶wdin Orbital SIC and the Localization Equation Constraints in SIC-DFTâ€. Journal of Physical Chemistry A, 2019, 123, 4322-4323.	2.5	1
8	Analytic atomic gradients in the fermiâ€Ã¶wdin orbital selfâ€interaction correction. Journal of Computational Chemistry, 2019, 40, 820-825.	3.3	16
9	Shrinking Self-Interaction Errors with the Fermiâ€“LÃ¶wdin Orbital Self-Interaction-Corrected Density Functional Approximation. Journal of Physical Chemistry A, 2018, 122, 9307-9315.	2.5	30
10	Fermi-LÃ¶wdin orbital self-interaction correction to magnetic exchange couplings. Journal of Chemical Physics, 2018, 149, 164101.	3.0	33
11	On the Question of the Total Energy in the Fermiâ€“LÃ¶wdin Orbital Self-Interaction Correction Method. Journal of Chemical Theory and Computation, 2018, 14, 4122-4128.	5.3	22
12	Self-consistent self-interaction corrected density functional theory calculations for atoms using Fermi-LÃ¶wdin orbitals: Optimized Fermi-orbital descriptors for Liâ€“Kr. Journal of Chemical Physics, 2017, 147, 164107.	3.0	39