Hemanadhan Myneni

List of Publications by Year
in descending order

Version: 2024-02-01

12	168	1163117 8	1199594 12
papers	citations	h-index	g-index

12	12	12	149
all docs	docs citations	times ranked	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.	3.0	46
2	Laplacian free and asymptotic corrected semilocal exchange potential applied to the band gap of solids. Physical Chemistry Chemical Physics, 2019, 21, 19639-19650.	2.8	21
3	Better band gaps with asymptotically corrected local exchange potentials. Physical Review B, 2016, 93, .	3.2	17
4	On the many-electron self-interaction error of the semilocal exchange hole based meta-GGA level range-separated hybrid with the B88 hybrids. Chemical Physics Letters, 2018, 713, 1-9.	2.6	17
5	Long-range screened hybrid-functional theory satisfying the local-density linear response. Physical Review A, 2019, 99, .	2.5	16
6	Simple flash evaporator for making thin films of compounds. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2010, 28, 625-626.	2.1	11
7	On the calculation of Î”â€ˆSË†2â€‰ for electronic excitations in time-dependent density-functional theory. Computer Physics Communications, 2017, 213, 72-91.	7.5	10
8	Is it possible to construct excited-state energy functionals by splitting k-space?. Computational and Theoretical Chemistry, 2010, 943, 152-157.	1.5	8
9	Testing an excited-state energy density functional and the associated potential with the ionization potential theorem. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 115005.	1.5	8
10	Chemical bonding theories as guides for self-interaction corrected solutions: Multiple local minima and symmetry breaking. Journal of Chemical Physics, 2021, 155, 224109.	3.0	7
11	Benchmark test of a dispersion corrected revised Taoâ€“Mo semilocal functional for thermochemistry, kinetics, and noncovalent interactions of molecules and solids. Journal of Chemical Physics, 2021, 155, 114102.	3.0	4
12	Response function analysis of excited-state kinetic energy functional constructed by splitting k-space. European Physical Journal D, 2012, 66, 1.	1.3	3