

# Hemanadhan Myneni

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

168  
citations

1163117

8  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

149  
citing authors

#	ARTICLE	IF	CITATIONS
1	Benchmark test of a dispersion corrected revised Tao-Mo semilocal functional for thermochemistry, kinetics, and noncovalent interactions of molecules and solids. <i>Journal of Chemical Physics</i> , 2021, 155, 114102.	3.0	4
2	Chemical bonding theories as guides for self-interaction corrected solutions: Multiple local minima and symmetry breaking. <i>Journal of Chemical Physics</i> , 2021, 155, 224109.	3.0	7
3	Laplacian free and asymptotic corrected semilocal exchange potential applied to the band gap of solids. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 19639-19650.	2.8	21
4	Long-range screened hybrid-functional theory satisfying the local-density linear response. <i>Physical Review A</i> , 2019, 99, .	2.5	16
5	Stretched or noded orbital densities and self-interaction correction in density functional theory. <i>Journal of Chemical Physics</i> , 2019, 150, 174102.	3.0	46
6	On the many-electron self-interaction error of the semilocal exchange hole based meta-GGA level range-separated hybrid with the B88 hybrids. <i>Chemical Physics Letters</i> , 2018, 713, 1-9.	2.6	17
7	On the calculation of $\hat{\rho}^{-1}\hat{\rho}^2$ for electronic excitations in time-dependent density-functional theory. <i>Computer Physics Communications</i> , 2017, 213, 72-91.	7.5	10
8	Better band gaps with asymptotically corrected local exchange potentials. <i>Physical Review B</i> , 2016, 93, .	3.2	17
9	Testing an excited-state energy density functional and the associated potential with the ionization potential theorem. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2014, 47, 115005.	1.5	8
10	Response function analysis of excited-state kinetic energy functional constructed by splitting k-space. <i>European Physical Journal D</i> , 2012, 66, 1.	1.3	3
11	Is it possible to construct excited-state energy functionals by splitting k-space?. <i>Computational and Theoretical Chemistry</i> , 2010, 943, 152-157.	1.5	8
12	Simple flash evaporator for making thin films of compounds. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2010, 28, 625-626.	2.1	11