Tobias Schfer

List of Publications by Citations

10 papers	147 citations	6 h-index	11 g-index
11 ext. papers	195 ext. citations	4.8 avg, IF	3.37 L-index

#	Paper	IF	Citations
10	Assessing Density Functionals Using Many Body Theory for Hybrid Perovskites. *Physical Review Letters*, **2017**, 119, 145501	7.4	43
9	Quartic scaling MP2 for solids: A highly parallelized algorithm in the plane wave basis. *Journal of Chemical Physics*, **2017**, 146, 104101	3.9	32
8	Analytic Interatomic Forces in the Random Phase Approximation. *Physical Review Letters*, **2017**, 118, 106403	7.4	31
7	RPA natural orbitals and their application to post-Hartree-Fock electronic structure methods. *Journal of Chemical Physics*, **2019**, 151, 214106	3.9	12
6	Local embedding of coupled cluster theory into the random phase approximation using plane waves. *Journal of Chemical Physics*, **2021**, 154, 011101	3.9	12
5	Laplace transformed MP2 for three dimensional periodic materials using stochastic orbitals in the plane wave basis and correlated sampling. *Journal of Chemical Physics*, **2018**, 148, 064103	3.9	7
4	Cerium Oxides without : The Role of Many-Electron Correlation. *Journal of Physical Chemistry Letters*, **2021**, 12, 6277-6283	6.4	4
3	Ab initio phase diagram of PbSe crystals calculated with the random phase approximation. *Physical Review B*, **2018**, 98,	3.3	2
2	Surface science using coupled cluster theory via local Wannier functions and in-RPA-embedding: The case of water on graphitic carbon nitride.. *Journal of Chemical Physics*, **2021**, 155, 244103	3.9	2
1	A shortcut to the thermodynamic limit for quantum many-body calculations of metals. *Nature Computational Science*, **2021**, 1, 801-808		1