Tobias SchÃ¤fer

List of Publications by Year
in descending order

10	243	1162367 8	1372195 10
papers	citations	h-index	g-index

11	11	11	291
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Assessing Density Functionals Using Many Body Theory for Hybrid Perovskites. Physical Review Letters, 2017, 119, 145501.	2.9	65
2	Quartic scaling MP2 for solids: A highly parallelized algorithm in the plane wave basis. Journal of Chemical Physics, 2017, 146, 104101.	1.2	44
3	Analytic Interatomic Forces in the Random Phase Approximation. Physical Review Letters, 2017, 118, 106403.	2.9	44
4	Local embedding of coupled cluster theory into the random phase approximation using plane waves. Journal of Chemical Physics, 2021, 154, 011101.	1.2	24
5	RPA natural orbitals and their application to post-Hartree-Fock electronic structure methods. Journal of Chemical Physics, 2019, 151, 214106.	1.2	18
6	A shortcut to the thermodynamic limit for quantum many-body calculations of metals. Nature Computational Science, 2021, 1, 801-808.	3.8	14
7	Cerium Oxides without U: The Role of Many-Electron Correlation. Journal of Physical Chemistry Letters, 2021, 12, 6277-6283.	2.1	12
8	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.	1.2	10
9	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.	1.2	9
10	Ab initio phase diagram of PbSe crystals calculated with the random phase approximation. Physical Review B, 2018, 98, .	1.1	2