

# Tobias Schäfer

## List of Publications by Year in descending order

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10  
papers

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1162367

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1372195

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docs citations

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times ranked

291  
citing authors

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