Benjamin Ramberger

List of Publications by Citations

9 papers	226 citations	7 h-index	9 g-index
9 ext. papers	291 ext. citations	4.7 avg, IF	3.36 L-index

#	Paper	IF	Citations
9	Physisorption of Water on Graphene: Subchemical Accuracy from Many-Body Electronic Structure Methods. *Journal of Physical Chemistry Letters*, **2019**, 10, 358-368	6.4	51
8	Assessing Density Functionals Using Many Body Theory for Hybrid Perovskites. *Physical Review Letters*, **2017**, 119, 145501	7.4	43
7	Quartic scaling MP2 for solids: A highly parallelized algorithm in the plane wave basis. *Journal of Chemical Physics*, **2017**, 146, 104101	3.9	32
6	Analytic Interatomic Forces in the Random Phase Approximation. *Physical Review Letters*, **2017**, 118, 106403	7.4	31
5	Properties of the water to boron nitride interaction: From zero to two dimensions with benchmark accuracy. *Journal of Chemical Physics*, **2017**, 147, 044710	3.9	30
4	Adsorption energies of benzene on close packed transition metal surfaces using the random phase approximation. *Physical Review Materials*, **2017**, 1,	3.2	19
3	RPA natural orbitals and their application to post-Hartree-Fock electronic structure methods. *Journal of Chemical Physics*, **2019**, 151, 214106	3.9	12
2	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
1	New insights into the 1D carbon chain through the RPA. *Physical Chemistry Chemical Physics*, **2021**, 23, 5254-5260	3.6	1