

# Benjamin Ramberger

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 358-368	6.4	51
8	Assessing Density Functionals Using Many Body Theory for Hybrid Perovskites. <i>Physical Review Letters</i> , <b>2017</b> , 119, 145501	7.4	43
7	Quartic scaling MP2 for solids: A highly parallelized algorithm in the plane wave basis. <i>Journal of Chemical Physics</i> , <b>2017</b> , 146, 104101	3.9	32
6	Analytic Interatomic Forces in the Random Phase Approximation. <i>Physical Review Letters</i> , <b>2017</b> , 118, 106403	7.4	31
5	Properties of the water to boron nitride interaction: From zero to two dimensions with benchmark accuracy. <i>Journal of Chemical Physics</i> , <b>2017</b> , 147, 044710	3.9	30
4	Adsorption energies of benzene on close packed transition metal surfaces using the random phase approximation. <i>Physical Review Materials</i> , <b>2017</b> , 1,	3.2	19
3	RPA natural orbitals and their application to post-Hartree-Fock electronic structure methods. <i>Journal of Chemical Physics</i> , <b>2019</b> , 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. <i>Journal of Chemical Physics</i> , <b>2018</b> , 148, 064103	3.9	7
1	New insights into the 1D carbon chain through the RPA. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 5254-5260	3.6	1