

# Benjamin Ramberger

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/6915522/benjamin-ramberger-publications-by-year.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
8	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
7	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
6	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
5	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
4	Assessing Density Functionals Using Many Body Theory for Hybrid Perovskites. <i>Physical Review Letters</i> , <b>2017</b> , 119, 145501	7.4	43
3	Analytic Interatomic Forces in the Random Phase Approximation. <i>Physical Review Letters</i> , <b>2017</b> , 118, 106403	7.4	31
2	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
1	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