

# Benjamin Ramberger

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6915522/publications.pdf>

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9  
papers

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citations

1162367  
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1473754  
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g-index

9  
all docs

9  
docs citations

9  
times ranked

512  
citing authors

#	ARTICLE	IF	CITATIONS
1	New insights into the 1D carbon chain through the RPA. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 5254-5260.	1.3	6
2	RPA natural orbitals and their application to post-Hartree-Fock electronic structure methods. <i>Journal of Chemical Physics</i> , 2019, 151, 214106.	1.2	18
3	Physisorption of Water on Graphene: Subchemical Accuracy from Many-Body Electronic Structure Methods. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 358-368.	2.1	90
4	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> , 2018, 148, 064103.	1.2	10
5	Quartic scaling MP2 for solids: A highly parallelized algorithm in the plane wave basis. <i>Journal of Chemical Physics</i> , 2017, 146, 104101.	1.2	44
6	Assessing Density Functionals Using Many Body Theory for Hybrid Perovskites. <i>Physical Review Letters</i> , 2017, 119, 145501.	2.9	65
7	Analytic Interatomic Forces in the Random Phase Approximation. <i>Physical Review Letters</i> , 2017, 118, 106403.	2.9	44
8	Properties of the water to boron nitride interaction: From zero to two dimensions with benchmark accuracy. <i>Journal of Chemical Physics</i> , 2017, 147, 044710.	1.2	43
9	Adsorption energies of benzene on close packed transition metal surfaces using the random phase approximation. <i>Physical Review Materials</i> , 2017, 1, .	0.9	29