

# Paul J Robinson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7403474/publications.pdf>

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13  
papers

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citations

1163117

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1199594

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g-index

13  
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docs citations

13  
times ranked

615  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent developments in the PySCF program package. Journal of Chemical Physics, 2020, 153, 024109.	3.0	388
2	The Significance of Polarons and Dynamic Disorder in Halide Perovskites. ACS Energy Letters, 2021, 6, 2162-2173.	17.4	74
3	Mystery of Three Borides: Differential Metal-Boron Bonding Governing Superhard Structures. Chemistry of Materials, 2017, 29, 9892-9896.	6.7	45
4	SmB <sub>6</sub> Cluster Anion: Covalency Involving f Orbitals. Journal of Physical Chemistry A, 2017, 121, 1849-1854.	2.5	40
5	Photoelectron spectroscopic and theoretical study of the [HPd( $\bar{1}$ -2-H <sub>2</sub> )] <sup>-</sup> cluster anion. Journal of Chemical Physics, 2015, 143, 094307.	3.0	21
6	Excitation variance matching with limited configuration interaction expansions in variational Monte Carlo. Journal of Chemical Physics, 2017, 147, 164114.	3.0	21
7	Assessing the Bonding Properties of Individual Molecular Orbitals. Journal of Physical Chemistry A, 2015, 119, 12862-12867.	2.5	14
8	Understanding How Bonding Controls Strength Anisotropy in Hard Materials by Comparing the High-Pressure Behavior of Orthorhombic and Tetragonal Tungsten Monoboride. Journal of Physical Chemistry C, 2018, 122, 5647-5656.	3.1	10
9	Dynamical Bonding Driving Mixed Valency in a Metal Boride. Angewandte Chemie - International Edition, 2020, 59, 10996-11002.	13.8	5
10	Cumulant methods for electron-phonon problems. I. Perturbative expansions. Physical Review B, 2022, 105, .	3.2	5
11	Dynamical Bonding Driving Mixed Valency in a Metal Boride. Angewandte Chemie, 2020, 132, 11089-11095.	2.0	4
12	Towards a Single Chemical Model for Understanding Lanthanide Hexaborides. Angewandte Chemie, 2020, 132, 22873-22878.	2.0	2
13	Towards a Single Chemical Model for Understanding Lanthanide Hexaborides. Angewandte Chemie - International Edition, 2020, 59, 22684-22689.	13.8	0