

# Martin Uhrin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/910255/publications.pdf>

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11  
papers

774  
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1039406

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1281420

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12  
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12  
docs citations

12  
times ranked

1280  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Layered Hittorf's Phosphorus: A Wide-Bandgap High Mobility 2D Material. Nano Letters, 2016, 16, 2975-2980.	4.5	219
2	Materials Cloud, a platform for open computational science. Scientific Data, 2020, 7, 299.	2.4	189
3	AiiDA 1.0, a scalable computational infrastructure for automated reproducible workflows and data provenance. Scientific Data, 2020, 7, 300.	2.4	142
4	Workflows in AiiDA: Engineering a high-throughput, event-based engine for robust and modular computational workflows. Computational Materials Science, 2021, 187, 110086.	1.4	63
5	OPTIMADE, an API for exchanging materials data. Scientific Data, 2021, 8, 217.	2.4	49
6	The MOLDY short-range molecular dynamics package. Computer Physics Communications, 2011, 182, 2587-2604.	3.0	36
7	Toward a Unified Description of Battery Data. Advanced Energy Materials, 2022, 12, .	10.2	33
8	Data Management Plans: the Importance of Data Management in the BIG-EMAP Project**. Batteries and Supercaps, 2021, 4, 1803-1812.	2.4	19
9	Through the eyes of a descriptor: Constructing complete, invertible descriptions of atomic environments. Physical Review B, 2021, 104, .	1.1	12
10	Common workflows for computing material properties using different quantum engines. Npj Computational Materials, 2021, 7, .	3.5	10
11	kiwiPy: Robust, high-volume, messaging for big-data and computational science workflows. Journal of Open Source Software, 2020, 5, 2351.	2.0	1