

Sebastian Huber

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

495
citations

1039406

9
h-index

1199166

12
g-index

12
all docs

12
docs citations

12
times ranked

779
citing authors

#	ARTICLE	IF	CITATIONS
1	Workflow Engineering in Materials Design within the BATTERY 2030 Project. <i>Advanced Energy Materials</i> , 2022, 12, .	10.2	18
2	Workflows in AiiDA: Engineering a high-throughput, event-based engine for robust and modular computational workflows. <i>Computational Materials Science</i> , 2021, 187, 110086.	1.4	63
3	Common workflows for computing material properties using different quantum engines. <i>Npj Computational Materials</i> , 2021, 7, .	3.5	10
4	Virtual Computational Chemistry Teaching Laboratoriesâ€™ Hands-On at a Distance. <i>Journal of Chemical Education</i> , 2021, 98, 3163-3171.	1.1	15
5	AiiDA 1.0, a scalable computational infrastructure for automated reproducible workflows and data provenance. <i>Scientific Data</i> , 2020, 7, 300.	2.4	142
6	Materials Cloud, a platform for open computational science. <i>Scientific Data</i> , 2020, 7, 299.	2.4	189
7	kiwiPy: Robust, high-volume, messaging for big-data and computational science workflows. <i>Journal of Open Source Software</i> , 2020, 5, 2351.	2.0	1
8	Determining crystal phase purity in c-BP through X-ray absorption spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 8174-8187.	1.3	7
9	Detection of defect populations in superhard semiconductor boron subphosphide $B_{12}P_2$ through X-ray absorption spectroscopy. <i>Journal of Materials Chemistry A</i> , 2017, 5, 5737-5749.	5.2	7
10	Exploiting the P L _{2,3} absorption edge for optics: spectroscopic and structural characterization of cubic boron phosphide thin films. <i>Optical Materials Express</i> , 2016, 6, 3946.	1.6	10
11	Self-healing in $B_{12}P_2$ through Mediated Defect Recombination. <i>Chemistry of Materials</i> , 2016, 28, 8415-8428.	3.2	9
12	Oxygen-stabilized triangular defects in hexagonal boron nitride. <i>Physical Review B</i> , 2015, 92, .	1.1	24