

Aliaksandr V Yakutovich

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

778
citations

1039406

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1125271

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docs citations

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times ranked

1237
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen bonded trimesic acid networks on Cu(111) reveal how basic chemical properties are imprinted in HR-AFM images. <i>Nanoscale</i> , 2021, 13, 18473-18482.	2.8	6
2	AiiDALab – an ecosystem for developing, executing, and sharing scientific workflows. <i>Computational Materials Science</i> , 2021, 188, 110165.	1.4	40
3	Common workflows for computing material properties using different quantum engines. <i>Npj Computational Materials</i> , 2021, 7, .	3.5	10
4	Near-Enantiopure Trimerization of 9-Ethynylphenanthrene on a Chiral Metal Surface. <i>Angewandte Chemie</i> , 2020, 132, 18336-18340.	1.6	2
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	In Silico Discovery of Covalent Organic Frameworks for Carbon Capture. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 21559-21568.	4.0	43
8	Near-Enantiopure Trimerization of 9-Ethynylphenanthrene on a Chiral Metal Surface. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18179-18183.	7.2	9
9	On-Surface Synthesis of Antiaromatic and Open-Shell Indeno[2,1- <i>b</i>]fluorene Polymers and Their Lateral Fusion into Porous Ribbons. <i>Journal of the American Chemical Society</i> , 2019, 141, 12346-12354.	6.6	71
10	Building a Consistent and Reproducible Database for Adsorption Evaluation in Covalent Organic Frameworks. <i>ACS Central Science</i> , 2019, 5, 1663-1675.	5.3	89
11	On-Surface Synthesis of Indenofluorene Polymers by Oxidative Five-Membered Ring Formation. <i>Journal of the American Chemical Society</i> , 2018, 140, 3532-3536.	6.6	60
12	Hidden Beneath the Surface: Origin of the Observed Enantioselective Adsorption on PdGa(111). <i>Journal of the American Chemical Society</i> , 2018, 140, 1401-1408.	6.6	16
13	In Silico Design of 2D and 3D Covalent Organic Frameworks for Methane Storage Applications. <i>Chemistry of Materials</i> , 2018, 30, 5069-5086.	3.2	101