Aliaksandr V Yakutovich

List of Publications by Year
in descending order

13	778	1039406 9	1125271 13
papers	citations	h-index	g-index

15	15	15	1237
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Materials Cloud, a platform for open computational science. Scientific Data, 2020, 7, 299.	2.4	189
2	AiiDA 1.0, a scalable computational infrastructure for automated reproducible workflows and data provenance. Scientific Data, 2020, 7, 300.	2.4	142
3	In Silico Design of 2D and 3D Covalent Organic Frameworks for Methane Storage Applications. Chemistry of Materials, 2018, 30, 5069-5086.	3.2	101
4	Building a Consistent and Reproducible Database for Adsorption Evaluation in Covalentâ€“Organic Frameworks. ACS Central Science, 2019, 5, 1663-1675.	5.3	89
5	On-Surface Synthesis of Antiaromatic and Open-Shell Indeno[2,1-b]fluorene Polymers and Their Lateral Fusion into Porous Ribbons. Journal of the American Chemical Society, 2019, 141, 12346-12354.	6.6	71
6	On-Surface Synthesis of Indenofluorene Polymers by Oxidative Five-Membered Ring Formation. Journal of the American Chemical Society, 2018, 140, 3532-3536.	6.6	60
7	In Silico Discovery of Covalent Organic Frameworks for Carbon Capture. ACS Applied Materials & Interfaces, 2020, 12, 21559-21568.	4.0	43
8	AiiDAlab â€“ an ecosystem for developing, executing, and sharing scientific workflows. Computational Materials Science, 2021, 188, 110165.	1.4	40
9	Hidden Beneath the Surface: Origin of the Observed Enantioselective Adsorption on PdGa(111). Journal of the American Chemical Society, 2018, 140, 1401-1408.	6.6	16
10	Common workflows for computing material properties using different quantum engines. Npj Computational Materials, 2021, 7, .	3.5	10
11	Nearâ€Enantiopure Trimerization of 9â€Ethynylphenanthrene on a Chiral Metal Surface. Angewandte Chemie - International Edition, 2020, 59, 18179-18183.	7.2	9
12	Hydrogen bonded trimesic acid networks on Cu(111) reveal how basic chemical properties are imprinted in HR-AFM images. Nanoscale, 2021, 13, 18473-18482.	2.8	6
13	Nearâ€Enantiopure Trimerization of 9â€Ethynylphenanthrene on a Chiral Metal Surface. Angewandte Chemie, 2020, 132, 18336-18340.	1.6	2