Carl S Adorf

List of Publications by Year
in descending order

10 papers	588 citations	1162367 8 h-index	1372195 10 g-index
10 all docs	10 docs citations	10 times ranked	987 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	Simple data and workflow management with the signac framework. Computational Materials Science, 2018, 146, 220-229.	1.4	91
4	AiiDAlab â€" an ecosystem for developing, executing, and sharing scientific workflows. Computational Materials Science, 2021, 188, 110165.	1.4	40
5	Analysis of Self-Assembly Pathways with Unsupervised Machine Learning Algorithms. Journal of Physical Chemistry B, 2020, 124, 69-78.	1.2	34
6	Inverse design of simple pair potentials for the self-assembly of complex structures. Journal of Chemical Physics, 2018, 149, 204102.	1.2	30
7	Influence of Softness on the Stability of Binary Colloidal Crystals. ACS Nano, 2019, 13, 13829-13842.	7.3	29
8	Virtual Computational Chemistry Teaching Laboratoriesâ€"Hands-On at a Distance. Journal of Chemical Education, 2021, 98, 3163-3171.	1.1	15
9	How to Professionally Develop Reusable Scientific Softwareâ€"And When Not To. Computing in Science and Engineering, 2019, 21, 66-79.	1.2	9
10	Data driven analytics of porous battery microstructures. Energy and Environmental Science, 2021, 14, 2485-2493.	15.6	9