Jens JÃ¸rgen Mortensen

List of Publications by Year
in descending order

10 papers	2,536 citations	1163065 8 h-index	1372553 10 g-index
10 all docs	10 docs citations	10 times ranked	3954 citing authors

#	Article	IF	Citations
1	The atomic simulation environmentâ€”a Python library for working with atoms. Journal of Physics Condensed Matter, 2017, 29, 273002.	1.8	1,933
2	Recent progress of the Computational 2D Materials Database (C2DB). 2D Materials, 2021, 8, 044002.	4.4	218
3	Time-dependent density-functional theory in the projector augmented-wave method. Journal of Chemical Physics, 2008, 128, 244101.	3.0	187
4	RPBE-vdW Description of Benzene Adsorption on Au(111). Topics in Catalysis, 2010, 53, 378-383.	2.8	57
5	Local Bayesian optimizer for atomic structures. Physical Review B, 2019, 100, .	3.2	57
6	MyQueue: Task and workflow scheduling system. Journal of Open Source Software, 2020, 5, 1844.	4.6	36
7	Efficient first principles simulation of electron scattering factors for transmission electron microscopy. Ultramicroscopy, 2019, 197, 16-22.	1.9	29
8	Interfacing CRYSTAL/AMBER to Optimize QM/MM Lennardâ€“Jones Parameters for Water and to Study Solvation of TiO2 Nanoparticles. Molecules, 2018, 23, 2958.	3.8	9
9	Numerical quality control for DFT-based materials databases. Npj Computational Materials, 2022, 8, .	8.7	6
10	Computational exfoliation of atomically thin one-dimensional materials with application to Majorana bound states. Physical Review Materials, 2022, 6, .	2.4	4