

Morten Gjerding

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4912266/publications.pdf>

Version: 2024-02-01

12
papers

1,223
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

1741
citing authors

#	ARTICLE	IF	CITATIONS
1	The Computational 2D Materials Database: high-throughput modeling and discovery of atomically thin crystals. 2D Materials, 2018, 5, 042002.	4.4	711
2	Recent progress of the Computational 2D Materials Database (C2DB). 2D Materials, 2021, 8, 044002.	4.4	218
3	Layered van der Waals crystals with hyperbolic light dispersion. Nature Communications, 2017, 8, 320.	12.8	79
4	Band structure engineered layered metals for low-loss plasmonics. Nature Communications, 2017, 8, 15133.	12.8	59
5	MyQueue: Task and workflow scheduling system. Journal of Open Source Software, 2020, 5, 1844.	4.6	36
6	Atomic Simulation Recipes: A Python framework and library for automated workflows. Computational Materials Science, 2021, 199, 110731.	3.0	35
7	Enhancing and Controlling Plasmons in Janus MoSSe "Graphene Based van der Waals Heterostructures. Journal of Physical Chemistry C, 2019, 123, 16373-16379.	3.1	26
8	Efficient Ab Initio Modeling of Dielectric Screening in 2D van der Waals Materials: Including Phonons, Substrates, and Doping. Journal of Physical Chemistry C, 2020, 124, 11609-11616.	3.1	22
9	Limitations of effective medium theory in multilayer graphite/hBN heterostructures. Physical Review B, 2016, 94, .	3.2	13
10	Reply to comment on "The Computational 2D Materials Database: high-throughput modeling and discovery of atomically thin crystals"™. 2D Materials, 2019, 6, 048002.	4.4	12
11	Anomalous exciton Rydberg series in two-dimensional semiconductors on high- ϵ dielectric substrates. Physical Review B, 2020, 102, .	3.2	8
12	Computational exfoliation of atomically thin one-dimensional materials with application to Majorana bound states. Physical Review Materials, 2022, 6, .	2.4	4