# Morten Gjerding

List of Publications by Year
in descending order

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|---|---|---|---|
| 12<br>papers | 1,223<br>citations | 933447<br>10<br>h-index | 1199594<br>12<br>g-index |
| 12<br>all docs | 12<br>docs citations | 12<br>times ranked | 1741<br>citing authors |

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