# Chiara Panosetti

List of Publications by Year
in descending order



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|---|---|---|---|
| 10 papers | 229 citations | 1684188 5 h-index | 1588992 8 g-index |
| 10 all docs | 10 docs citations | 10 times ranked | 318 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A Practical Guide to Surface Kinetic Monte Carlo Simulations. Frontiers in Chemistry, 2019, 7, 202. | 3.6 | 154 |
| 2 | Learning to Use the Force: Fitting Repulsive Potentials in Density-Functional Tight-Binding with Gaussian Process Regression. Journal of Chemical Theory and Computation, 2020, 16, 2181-2191. | 5.3 | 27 |
| 3 | Global Materials Structure Search with Chemically Motivated Coordinates. Nano Letters, 2015, 15, 8044-8048. | 9.1 | 16 |
| 4 | Global structure search for molecules on surfaces: Efficient sampling with curvilinear coordinates. Journal of Chemical Physics, 2016, 145, 084117. | 3.0 | 11 |
| 5 | DFTB Modeling of Lithium-Intercalated Graphite with Machine-Learned Repulsive Potential. Journal of Physical Chemistry A, 2021, 125, 691-699. | 2.5 | 11 |
| 6 | Systematic Comparison of Genetic Algorithm and Basin Hopping Approaches to the Global Optimization of Si(111) Surface Reconstructions. Journal of Physical Chemistry A, 2022, 126, 3043-3056. | 2.5 | 5 |
| 7 | Accessing Structural, Electronic, Transport and Mesoscale Properties of Li-GICs via a Complete DFTB Model with Machine-Learned Repulsion Potential. Materials, 2021, 14, 6633. | 2.9 | 4 |
| 8 | Atomic scale switches based on self-assembled surface magic clusters. Applied Physics Letters, 2018, 112, 253103. | 3.3 | 1 |
| 9 | Density Functional Tight Binding Modelling of Lithium Intercalated Graphite with Machine-Learned Repulsive Potential. ECS Meeting Abstracts, 2020, MA2020-02, 198-198. | 0.0 | 0 |
| 10 | Investigating Diffusion of Lithium Intercalated in Graphite By a Combination of Multiscale Modeling and NMR. ECS Meeting Abstracts, 2020, MA2020-02, 96-96. | 0.0 | 0 |