Chiara Panosetti

List of Publications by Year
in descending order

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	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
2	DFTB Modeling of Lithium-Intercalated Graphite with Machine-Learned Repulsive Potential. Journal of Physical Chemistry A, 2021, 125, 691-699.	2.5	11
3	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
4	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
5	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
6	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
7	A Practical Guide to Surface Kinetic Monte Carlo Simulations. Frontiers in Chemistry, 2019, 7, 202.	3.6	154
8	Atomic scale switches based on self-assembled surface magic clusters. Applied Physics Letters, 2018, 112, 253103.	3.3	1
9	Global structure search for molecules on surfaces: Efficient sampling with curvilinear coordinates. Journal of Chemical Physics, 2016, 145, 084117.	3.0	11
10	Global Materials Structure Search with Chemically Motivated Coordinates. Nano Letters, 2015, 15, 8044-8048.	9.1	16