

Yungok Ihm

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

115
citations

1684188
5
h-index

1720034
7
g-index

8
all docs

8
docs citations

8
times ranked

267
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Direct observation of picosecond melting and disintegration of metallic nanoparticles. Nature Communications, 2019, 10, 2411. | 12.8 | 43 |
| 2 | Microstructure-Dependent Gas Adsorption: Accurate Predictions of Methane Uptake in Nanoporous Carbons. Journal of Chemical Theory and Computation, 2014, 10, 1-4. | 5.3 | 22 |
| 3 | The influence of dispersion interactions on the hydrogen adsorption properties of expanded graphite. Journal of Physics Condensed Matter, 2012, 24, 424205. | 1.8 | 19 |
| 4 | High-Throughput 3D Ensemble Characterization of Individual Core-Shell Nanoparticles with X-ray Free Electron Laser Single-Particle Imaging. ACS Nano, 2021, 15, 4066-4076. | 14.6 | 17 |
| 5 | Inducing thermodynamically blocked atomic ordering via strongly driven nonequilibrium kinetics. Science Advances, 2021, 7, eabj8552. | 10.3 | 6 |
| 6 | Assessing the Predictive Power of Density Functional Theory in Finite-Temperature Hydrogen Adsorption/Desorption Thermodynamics. Journal of Physical Chemistry C, 2018, 122, 26189-26195. | 3.1 | 5 |
| 7 | Nanoporous Carbon: Topological Defects: Origin of Nanopores and Enhanced Adsorption Performance in Nanoporous Carbon (Small 21/2012). Small, 2012, 8, 3282-3282. | 10.0 | 3 |
| 8 | Continuum Model of Gas Uptake for Inhomogeneous Fluids. Journal of Physical Chemistry C, 2017, 121, 17625-17632. | 3.1 | 0 |