

Karl-Philipp Schlichting

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7062063/publications.pdf>

Version: 2024-02-01

6
papers

104
citations

1683354

5
h-index

1872312

6
g-index

6
all docs

6
docs citations

6
times ranked

224
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Freestanding and Permeable Nanoporous Gold Membranes for Surface-Enhanced Raman Scattering. ACS Applied Materials & Interfaces, 2022, 14, 16558-16567. | 4.0 | 6 |
| 2 | <i>Ab Initio</i> Energetic Barriers of Gas Permeation across Nanoporous Graphene. ACS Applied Materials & Interfaces, 2021, 13, 39701-39710. | 4.0 | 4 |
| 3 | Selective Etching of Graphene Membrane Nanopores: From Molecular Sieving to Extreme Permeance. ACS Applied Materials & Interfaces, 2020, 12, 36468-36477. | 4.0 | 22 |
| 4 | Assessing the Thickness-Permeation Paradigm in Nanoporous Membranes. ACS Nano, 2019, 13, 134-142. | 7.3 | 18 |
| 5 | Multifunctional wafer-scale graphene membranes for fast ultrafiltration and high permeation gas separation. Science Advances, 2018, 4, eaau0476. | 4.7 | 47 |
| 6 | Design and Characterization of a Novel Upward Flow Reactor for the Study of High-Temperature Thermal Reduction for Solar-Driven Processes. Journal of Solar Energy Engineering, Transactions of the ASME, 2017, 139, . | 1.1 | 7 |