

Thomas Blum

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/400453/publications.pdf>

Version: 2024-02-01

8
papers

219
citations

1684188
5
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

378
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Real-space charge-density imaging with sub-Ångström resolution by four-dimensional electron microscopy. Nature, 2019, 575, 480-484. | 27.8 | 127 |
| 2 | Multi-principal elemental intermetallic nanoparticles synthesized via a disorder-to-order transition. Science Advances, 2022, 8, eabm4322. | 10.3 | 49 |
| 3 | Observation of Strong Polarization Enhancement in Ferroelectric Tunnel Junctions. Nano Letters, 2019, 19, 6812-6818. | 9.1 | 18 |
| 4 | Machine Learning Method Reveals Hidden Strong Metal-Support Interaction in Microscopy Datasets. Small Methods, 2021, 5, 2100035. | 8.6 | 13 |
| 5 | Double-tilt in situ TEM holder with ultra-high stability. Ultramicroscopy, 2018, 192, 1-6. | 1.9 | 8 |
| 6 | Machine Learning: Machine Learning Method Reveals Hidden Strong Metal-Support Interaction in Microscopy Datasets (Small Methods 5/2021). Small Methods, 2021, 5, 2170020. | 8.6 | 2 |
| 7 | In Situ TEM Probing of Ferroelectric Switching under Electrical Bias. Microscopy and Microanalysis, 2018, 24, 1812-1813. | 0.4 | 1 |
| 8 | <i>In situ</i> Cathodoluminescence and Monitoring Electronic Structure Change Using Optical TEM Holder. Microscopy and Microanalysis, 2019, 25, 2302-2303. | 0.4 | 1 |