Zhongkai Liu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11398538/publications.pdf

Version: 2024-02-01

14	2,510	840776 11	1058476 14
papers	citations	h-index	g-index

14	14	14	5355
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Direct observation of the transition from indirect to direct bandgap in atomically thin epitaxial MoSe2. Nature Nanotechnology, 2014, 9, 111-115.	31.5	1,129
2	Extremely large magnetoresistance and ultrahigh mobility in the topological Weyl semimetal candidate NbP. Nature Physics, 2015, 11, 645-649.	16.7	893
3	Electronic structures and unusually robust bandgap in an ultrahigh-mobility layered oxide semiconductor, Bi ₂ O ₂ Se. Science Advances, 2018, 4, eaat8355.	10.3	167
4	Evolution of the Valley Position in Bulk Transition-Metal Chalcogenides and Their Monolayer Limit. Nano Letters, 2016, 16, 4738-4745.	9.1	80
5	Ubiquitous strong electronâ€“phonon coupling at the interface of FeSe/SrTiO3. Nature Communications, 2017, 8, 14468.	12.8	51
6	Observation of nodal line in non-symmorphic topological semimetal InBi. New Journal of Physics, 2017, 19, 065007.	2.9	51
7	Molecular beam epitaxial growth of a three-dimensional topological Dirac semimetal Na3Bi. Applied Physics Letters, 2014, 105, .	3.3	31
8	Exploiting TwoâĐimensional Bi₂O₂Se for Trace Oxygen Detection. Angewandte Chemie - International Edition, 2020, 59, 17938-17943.	13.8	31
9	Observation of Topological Electronic Structure in Quasi-1D Superconductor TaSe3. Matter, 2020, 3, 2055-2065.	10.0	26
10	Observation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Î“</mml:mi></mml:mrow></mml:math> -Valley MoirÃ© Bands and Emergent Hexagonal Lattice in Twisted Transition Metal Dichalcogenides. Physical Review X, 2022, 12, .	8.9	18
11	Large-Area Monolayer MoS₂ Nanosheets on GaN Substrates for Light-Emitting Diodes and Valley-Spin Electronic Devices. ACS Applied Nano Materials, 2021, 4, 12127-12136.	5.0	17
12	Exploiting TwoâĐimensional Bi₂O₂Se for Trace Oxygen Detection. Angewandte Chemie, 2020, 132, 18094-18099.	2.0	7
13	Observation of dimension-crossover of a tunable 1D Dirac fermion in topological semimetal NbSixTe2. Npj Quantum Materials, 2022, 7, .	5.2	7
14	Direct Visualization and Manipulation of Tunable Quantum Well State in Semiconducting Nb₂SiTe₄. ACS Nano, 2021, 15, 15850-15857.	14.6	2