

Zhongkai Liu

List of Publications by Year in descending order

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14
papers

2,510
citations

840776

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h-index

1058476

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14
docs citations

14
times ranked

5355
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of dimension-crossover of a tunable 1D Dirac fermion in topological semimetal NbSixTe2. Npj Quantum Materials, 2022, 7, .	5.2	7
2	Observation of Γ -Valley Moiré Bands and Emergent Hexagonal Lattice in Twisted Transition Metal Dichalcogenides. Physical Review X, 2022, 12, .	8.9	18
3	Direct Visualization and Manipulation of Tunable Quantum Well State in Semiconducting Nb ₂ SiTe ₄ . ACS Nano, 2021, 15, 15850-15857.	14.6	2
4	Large-Area Monolayer MoS ₂ Nanosheets on GaN Substrates for Light-Emitting Diodes and Valley-Spin Electronic Devices. ACS Applied Nano Materials, 2021, 4, 12127-12136.	5.0	17
5	Exploiting Two-Dimensional Bi ₂ O ₂ Se for Trace Oxygen Detection. Angewandte Chemie, 2020, 132, 18094-18099.	2.0	7
6	Observation of Topological Electronic Structure in Quasi-1D Superconductor TaSe3. Matter, 2020, 3, 2055-2065.	10.0	26
7	Exploiting Two-Dimensional Bi ₂ O ₂ Se for Trace Oxygen Detection. Angewandte Chemie - International Edition, 2020, 59, 17938-17943.	13.8	31
8	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
9	Ubiquitous strong electron-phonon coupling at the interface of FeSe/SrTiO3. Nature Communications, 2017, 8, 14468.	12.8	51
10	Observation of nodal line in non-symmorphic topological semimetal InBi. New Journal of Physics, 2017, 19, 065007.	2.9	51
11	Evolution of the Valley Position in Bulk Transition-Metal Chalcogenides and Their Monolayer Limit. Nano Letters, 2016, 16, 4738-4745.	9.1	80
12	Extremely large magnetoresistance and ultrahigh mobility in the topological Weyl semimetal candidate NbP. Nature Physics, 2015, 11, 645-649.	16.7	893
13	Molecular beam epitaxial growth of a three-dimensional topological Dirac semimetal Na3Bi. Applied Physics Letters, 2014, 105, .	3.3	31
14	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