He Zhao

List of Publications by Year
in descending order

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15 papers	686 citations	933447 10 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	914 citing authors

#	Article	IF	Citations
1	Rotation symmetry breaking in the normal state of a kagome superconductor KV3Sb5. Nature Physics, 2022, 18, 265-270.	16.7	102
2	Manipulation of Dirac band curvature and momentum-dependent g factor in a kagome magnet. Nature Physics, 2022, 18, 644-649.	16.7	13
3	Nanoscale decoupling of electronic nematicity and structural anisotropy in FeSe thin films. Nature Communications, 2021, 12, 10.	12.8	55
4	Nematic transition and nanoscale suppression of superconductivity in Fe(Te,Se). Nature Physics, 2021, 17, 903-908.	16.7	14
5	Cascade of correlated electron states in the kagome superconductor CsV3Sb5. Nature, 2021, 599, 216-221.	27.8	251
6	Imaging antiferromagnetic domain fluctuations and the effect of atomic scale disorder in a doped spin-orbit Mott insulator. Science Advances, 2021, 7, eabi6468.	10.3	5
7	A cleanroom in a glovebox. Review of Scientific Instruments, 2020, 91, 073909.	1.3	13
8	Coulomb blockade effects in a topological insulator grown on a high-Tc cuprate superconductor. Npj Quantum Materials, 2020, 5, .	5.2	3
9	Atomic-scale fragmentation and collapse of antiferromagnetic order in a doped Mott insulator. Nature Physics, 2019, 15, 1267-1272.	16.7	23
10	Proximity-induced superconductivity in a topological crystalline insulator. Physical Review B, 2019, 100, .	3.2	7
11	Charge-stripe crystal phase in an insulating cuprate. Nature Materials, 2019, 18, 103-107.	27.5	30
12	Bulk superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">FeTe</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow><mml:mi mathvariant="normal">Se</mml:mi><mml:mi>x</mml:mi></mml:msub></mml:math> via physicochemical pumping of excess iron. Physical Review Materials, 2019, 3, .	2.4	6
13	Atomic-scale strain manipulation of a charge density wave. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6986-6990.	7.1	47
14	Superconducting proximity effect in a topological insulator using Fe(Te, Se). Physical Review B, 2018, 97, .	3.2	23
15	Sn-doped Bi1.1Sb0.9Te2S bulk crystal topological insulator with excellent properties. Nature Communications, 2016, 7, 11456.	12.8	94