

# He Zhao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4095927/publications.pdf>

Version: 2024-02-01

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	Cascade of correlated electron states in the kagome superconductor CsV3Sb5. Nature, 2021, 599, 216-221.	27.8	251
2	Rotation symmetry breaking in the normal state of a kagome superconductor KV3Sb5. Nature Physics, 2022, 18, 265-270.	16.7	102
3	Sn-doped Bi1.1Sb0.9Te2S bulk crystal topological insulator with excellent properties. Nature Communications, 2016, 7, 11456.	12.8	94
4	Nanoscale decoupling of electronic nematicity and structural anisotropy in FeSe thin films. Nature Communications, 2021, 12, 10.	12.8	55
5	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
6	Charge-stripe crystal phase in an insulating cuprate. Nature Materials, 2019, 18, 103-107.	27.5	30
7	Superconducting proximity effect in a topological insulator using Fe(Te, Se). Physical Review B, 2018, 97, .	3.2	23
8	Atomic-scale fragmentation and collapse of antiferromagnetic order in a doped Mott insulator. Nature Physics, 2019, 15, 1267-1272.	16.7	23
9	Nematic transition and nanoscale suppression of superconductivity in Fe(Te,Se). Nature Physics, 2021, 17, 903-908.	16.7	14
10	A cleanroom in a glovebox. Review of Scientific Instruments, 2020, 91, 073909.	1.3	13
11	Manipulation of Dirac band curvature and momentum-dependent g factor in a kagome magnet. Nature Physics, 2022, 18, 644-649.	16.7	13
12	Proximity-induced superconductivity in a topological crystalline insulator. Physical Review B, 2019, 100, .	3.2	7
13	Bulk superconductivity in $\text{FeTe}_{1-x}\text{Se}_x$ via physicochemical pumping of excess iron. Physical Review Materials, 2019, 3, .		
14	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
15	Coulomb blockade effects in a topological insulator grown on a high-Tc cuprate superconductor. Npj Quantum Materials, 2020, 5, .	5.2	3