

Yi-Fan Zhao

List of Publications by Year in descending order

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18
papers

784
citations

759233

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839539

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18
all docs

18
docs citations

18
times ranked

1154
citing authors

#	ARTICLE	IF	CITATIONS
1	Local manifestations of thickness-dependent topology and edge states in the topological magnet MnBi . Physical Review B, 2022, 105, .	3.2	12
2	Zero Magnetic Field Plateau Phase Transition in Higher Chern Number Quantum Anomalous Hall Insulators. Physical Review Letters, 2022, 128, .	7.8	16
3	Interface-induced sign reversal of the anomalous Hall effect in magnetic topological insulator heterostructures. Nature Communications, 2021, 12, 79.	12.8	31
4	Chiral-Bubble-Induced Topological Hall Effect in Ferromagnetic Topological Insulator Heterostructures. Nano Letters, 2021, 21, 1108-1114.	9.1	15
5	Surface charge induced Dirac band splitting in a charge density wave material MnBi . Physical Review Research, 2021, 3, .	3.6	4
6	Mapping the phase diagram of the quantum anomalous Hall and topological Hall effects in a dual-gated magnetic topological insulator heterostructure. Physical Review Research, 2021, 3, .	3.6	4
7	Spin-valley locking and bulk quantum Hall effect in a noncentrosymmetric Dirac semimetal BaMnSb_2 . Nature Communications, 2021, 12, 4062.	12.8	32
8	Evidence for a Magnetic-Field-Induced Ideal Type-II Weyl State in Antiferromagnetic Topological Insulator MnBi . Physical Review Letters, 2020, 125, 126801.	8.9	30
9	Even-Odd Layer-Dependent Anomalous Hall Effect in Topological Magnet MnBi_2Te_4 Thin Films. Nano Letters, 2021, 21, 7691-7698.	9.1	42
10	Absence of evidence for chiral Majorana modes in quantum anomalous Hall-superconductor devices. Science, 2020, 367, 64-67.	12.6	93
11	Demonstration of Dissipative Quasihelical Edge Transport in Quantum Anomalous Hall Insulators. Physical Review Letters, 2020, 125, 126801.	7.8	14
12	Tuning the Chern number in quantum anomalous Hall insulators. Nature, 2020, 588, 419-423.	27.8	103
13	Experimental study of ac Josephson effect in gate-tunable MnBi thin-film Josephson junctions. Physical Review B, 2020, 101, .	3.2	12
14	Concurrence of quantum anomalous Hall and topological Hall effects in magnetic topological insulator sandwich heterostructures. Nature Materials, 2020, 19, 732-737.	27.5	72
15	Direct observation of proximity-induced magnetism and spin reorientation in topological insulator on a ferrimagnetic oxide. Applied Physics Letters, 2019, 114, .	3.3	8
16	Observation of Interfacial Antiferromagnetic Coupling between Magnetic Topological Insulator and Antiferromagnetic Insulator. Nano Letters, 2019, 19, 2945-2952.	9.1	23
17	Realization of the Axion Insulator State in Quantum Anomalous Hall Sandwich Heterostructures. Physical Review Letters, 2018, 120, 056801.	7.8	254
18	Chromium-induced ferromagnetism with perpendicular anisotropy in topological crystalline insulator SnTe (111) thin films. Physical Review B, 2018, 97, .	3.2	14