

# Yi-Fan Zhao

## List of Publications by Year in descending order

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18  
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docs citations

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times ranked

1154  
citing authors

#	ARTICLE	IF	CITATIONS
1	Realization of the Axion Insulator State in Quantum Anomalous Hall Sandwich Heterostructures. Physical Review Letters, 2018, 120, 056801.	7.8	254
2	Tuning the Chern number in quantum anomalous Hall insulators. Nature, 2020, 588, 419-423.	27.8	103
3	Absence of evidence for chiral Majorana modes in quantum anomalous Hall-superconductor devices. Science, 2020, 367, 64-67.	12.6	93
4	Concurrence of quantum anomalous Hall and topological Hall effects in magnetic topological insulator sandwich heterostructures. Nature Materials, 2020, 19, 732-737.	27.5	72
5	Even-Odd Layer-Dependent Anomalous Hall Effect in Topological Magnet $\text{MnBi}_2\text{Te}_4$ Thin Films. Nano Letters, 2021, 21, 7691-7698.	9.1	42
6	Spin-valley locking and bulk quantum Hall effect in a noncentrosymmetric Dirac semimetal $\text{BaMnSb}_2$ . Nature Communications, 2021, 12, 4062.	12.8	32
7	Interface-induced sign reversal of the anomalous Hall effect in magnetic topological insulator heterostructures. Nature Communications, 2021, 12, 79.	12.8	31
8	Evidence for a Magnetic-Field-Induced Ideal Type-II Weyl State in Antiferromagnetic Topological Insulator $\text{MnBi}_2\text{Te}_4$ . Physical Review Letters, 2021, 126, 117401.	8.9	30
9	Observation of Interfacial Antiferromagnetic Coupling between Magnetic Topological Insulator and Antiferromagnetic Insulator. Nano Letters, 2019, 19, 2945-2952.	9.1	23
10	Zero Magnetic Field Plateau Phase Transition in Higher Chern Number Quantum Anomalous Hall Insulators. Physical Review Letters, 2022, 128, .	7.8	16
11	Chiral-Bubble-Induced Topological Hall Effect in Ferromagnetic Topological Insulator Heterostructures. Nano Letters, 2021, 21, 1108-1114.	9.1	15
12	Chromium-induced ferromagnetism with perpendicular anisotropy in topological crystalline insulator $\text{SnTe}$ (111) thin films. Physical Review B, 2018, 97, .	3.2	14
13	Demonstration of Dissipative Quasihelical Edge Transport in Quantum Anomalous Hall Insulators. Physical Review Letters, 2020, 125, 126801.	7.8	14
14	Surface charge induced Dirac band splitting in a charge density wave material $\text{MnBi}_2\text{Te}_4$ . Physical Review Research, 2021, 3, .	3.6	13
15	Local manifestations of thickness-dependent topology and edge states in the topological magnet $\text{MnBi}_2\text{Te}_4$ . Physical Review B, 2022, 105, .	3.2	12
16	Direct observation of proximity-induced magnetism and spin reorientation in topological insulator on a ferrimagnetic oxide. Applied Physics Letters, 2019, 114, .	3.3	8
17	Experimental study of ac Josephson effect in gate-tunable $\text{MnBi}_2\text{Te}_4$ thin-film Josephson junctions. Physical Review B, 2020, 101, .	3.6	8
18	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