

Shang-Jie Tian

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,678
citations

535685

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591227

27
g-index

30
all docs

30
docs citations

30
times ranked

2744
citing authors

#	ARTICLE	IF	CITATIONS
1	Twist engineering of the two-dimensional magnetism in double bilayer chromium triiodide homostructures. Nature Physics, 2022, 18, 30-36.	6.5	62
2	Layer-Number-Dependent Antiferromagnetic and Ferromagnetic Behavior in MnSb_2Te_4 . Physical Review Letters, 2022, 128, 017201.	2.9	19
3	Consecutive topological transitions of helical Fermi arcs at saddle points in CoSi. Science China: Physics, Mechanics and Astronomy, 2022, 65, 1.	2.0	1
4	Chirality locking charge density waves in a chiral crystal. Nature Communications, 2022, 13, .	5.8	12
5	Exchange Bias Effects in Ferromagnetic MnSb_2Te_4 down to a Monolayer. ACS Applied Electronic Materials, 2022, 4, 3256-3262.	2.0	5
6	Structural Monoclinicity and Its Coupling to Layered Magnetism in Few-Layer CrI_3 . ACS Nano, 2021, 15, 10444-10450.	7.3	14
7	Effects of disorder and hydrostatic pressure on charge density wave and superconductivity in HfTe_2 . Physical Review B, 2021, 103, .	1.1	11
8	Spin-flip-driven giant magnetotransport in A-type antiferromagnet NaCr_2Te_4 . Physical Review Materials, 2021, 5, .	0.9	12
9	Magneto- ϵ Memristive Switching in a 2D Layer Antiferromagnet. Advanced Materials, 2020, 32, e1905433.	11.1	21
10	Atomically flat surface preparation for surface-sensitive technologies*. Chinese Physics B, 2020, 29, 028101.	0.7	4
11	Magnetic topological insulator $\text{MnBi}_6\text{Te}_{10}$ with a zero-field ferromagnetic state and gapped Dirac surface states. Physical Review B, 2020, 102, .	1.1	50
12	Tuning of Magnetic Properties of RuCl_3 Single Crystal by Cr Doping. Chinese Physics Letters, 2020, 37, 067501.	1.3	1
13	Observation of the polaronic character of excitons in a two-dimensional semiconducting magnet CrI_3 . Nature Communications, 2020, 11, 4780.	5.8	34
14	Tunable layered-magnetism-assisted magneto-Raman effect in a two-dimensional magnet CrI_3 . Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24664-24669.	3.3	20
15	Imaging Domain Reversal in an Ultrathin Van der Waals Ferromagnet. Advanced Materials, 2020, 32, e2003314.	11.1	47
16	Raman scattering study of two-dimensional magnetic van der Waals compound V_2O_3 *. Chinese Physics B, 2020, 29, 056301.	0.7	10
17	Magnetic-Field-Induced Quantum Phase Transitions in a van der Waals Magnet. Physical Review X, 2020, 10, .	2.8	41
18	Memristive Switching: Magneto- ϵ Memristive Switching in a 2D Layer Antiferromagnet (Adv. Mater.)	11.1	10

#	ARTICLE	IF	CITATIONS
19	Tailored Tunnel Magnetoresistance Response in Three Ultrathin Chromium Trihalides. Nano Letters, 2019, 19, 5739-5745.	4.5	51
20	Evolution of interlayer and intralayer magnetism in three atomically thin chromium trihalides. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11131-11136.	3.3	223
21	Observation of unconventional chiral fermions with long Fermi arcs in CoSi. Nature, 2019, 567, 496-499.	13.7	260
22	Large magnetocaloric effect in van der Waals crystal CrBr ₃ . Frontiers of Physics, 2019, 14, 1.	2.4	20
23	Ferromagnetic van der Waals Crystal V ₃ . Journal of the American Chemical Society, 2019, 141, 5326-5333.	6.6	153
24	Dirac Surface States in Intrinsic Magnetic Topological Insulators EuSn and ZnTe . Physical Review X, 2019, 9, .	2.8	195
25	Chiral fermion reversal in chiral crystals. Nature Communications, 2019, 10, 5505.	5.8	35
26	Quasiparticle interference evidence of the topological Fermi arc states in chiral fermionic semimetal CoSi. Science Advances, 2019, 5, eaaw9485.	4.7	46
27	Raman fingerprint of two terahertz spin wave branches in a two-dimensional honeycomb Ising ferromagnet. Nature Communications, 2018, 9, 5122.	5.8	97
28	One Million Percent Tunnel Magnetoresistance in a Magnetic van der Waals Heterostructure. Nano Letters, 2018, 18, 4885-4890.	4.5	230