

Fengfeng Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,360
citations

623734

14
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

3770
citing authors

#	ARTICLE	IF	CITATIONS
1	Epitaxial growth of two-dimensional stanene. Nature Materials, 2015, 14, 1020-1025.	27.5	1,459
2	Spatial and Energy Distribution of Topological Edge States in Single Bi(111) Bilayer. Physical Review Letters, 2012, 109, 016801.	7.8	293
3	Quasiparticle dynamics in reshaped helical Dirac cone of topological insulators. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2758-2762.	7.1	86
4	Creation of helical Dirac fermions by interfacing two gapped systems of ordinary fermions. Nature Communications, 2013, 4, 1384.	12.8	81
5	Coexistence of Topological Edge State and Superconductivity in Bismuth Ultrathin Film. Nano Letters, 2017, 17, 3035-3039.	9.1	62
6	Topological magnon insulators in two-dimensional van der Waals ferromagnets CrSiTe ₃ and CrGeTe ₃ : Toward intrinsic gap-tunability. Science Advances, 2021, 7, eabi7532.	10.3	56
7	Electronic structure of a superconducting topological insulator Sr-doped Bi ₂ Se ₃ . Applied Physics Letters, 2015, 107, .	3.3	55
8	Revealing the Intrinsic Electronic Structure of 3D Half-Heusler Thermoelectric Materials by Angle-Resolved Photoemission Spectroscopy. Advanced Science, 2020, 7, 1902409.	11.2	49
9	Large magnetic moment of gadolinium substituted topological insulator: Bi _{1.98} Gd _{0.02} Se ₃ . Applied Physics Letters, 2012, 100, .	3.3	46
10	Topologically nontrivial bismuth(111) thin films. Scientific Reports, 2016, 6, 21326.	3.3	35
11	Evolution of the electronic structure in ultrathin Bi(111) films. Physical Review B, 2015, 91, .	3.2	29
12	Carrier density dependence of the magnetic properties in iron-doped Bi ₂ Se ₃ topological insulator. Journal of Applied Physics, 2013, 113, .	2.5	22
13	Carrier dependence of the magnetic properties in magnetic topological insulator Sb _{1.95} Bi _{0.05} Te ₃ . Applied Physics Letters, 2012, 101, 072406.	3.3	21
14	Fully gapped Ir -wave-like superconducting state and electronic structure in Ir -Pd semimetal $\text{Pd}_{0.95}\text{Mn}$. Magnetic structures, spin-flop transition, and coupling of Eu and Mn magnetism in the Dirac semimetal EuMnBi . Physical Review Research, 2020, 2, .	3.2	16
15	Interplay of Dzyaloshinskii-Moriya and Kitaev interactions for magnonic properties of Heisenberg-Kitaev honeycomb ferromagnets. Physical Review B, 2021, 103, .	3.6	15
16	Orbit- and atom-resolved spin textures of intrinsic, extrinsic, and hybridized Dirac cone states. Physical Review B, 2014, 89, .	3.2	13
17	Electronic structure of non-centrosymmetric PtBi ₂ studied by angle-resolved photoemission spectroscopy. Journal of Applied Physics, 2020, 128, .	2.5	5

#	ARTICLE	IF	CITATIONS
19	Electronic structure of Ba (Zn _{0.875} Mn _{0.125}) ₂ As ₂ . Applied Physics Letters, 2017, 111, .	3.3	3
20	Topology Meets Correlation: Neutron Scattering from Correlated Topological Materials. Neutron News, 0, , 1-3.	0.2	0