

Fengfeng Zhu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8163605/publications.pdf>

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	Interplay of Dzyaloshinskii-Moriya and Kitaev interactions for magnonic properties of Heisenberg-Kitaev honeycomb ferromagnets. <i>Physical Review B</i> , 2021, 103, .	3.2	14
2	Topological magnon insulators in two-dimensional van der Waals ferromagnets CrSiTe ₃ and CrGeTe ₃ : Toward intrinsic gap-tunability. <i>Science Advances</i> , 2021, 7, eabi7532.	10.3	56
3	Revealing the Intrinsic Electronic Structure of 3D Half-Heusler Thermoelectric Materials by Angle-Resolved Photoemission Spectroscopy. <i>Advanced Science</i> , 2020, 7, 1902409.	11.2	49
4	Electronic structure of non-centrosymmetric PtBi ₂ studied by angle-resolved photoemission spectroscopy. <i>Journal of Applied Physics</i> , 2020, 128, .	2.5	5
5	Magnetic structures, spin-flop transition, and coupling of Eu and Mn magnetism in the Dirac semimetal EuMnBi_3 . <i>Physical Review Research</i> , 2020, 2, .	3.6	15
6	Coexistence of Topological Edge State and Superconductivity in Bismuth Ultrathin Film. <i>Nano Letters</i> , 2017, 17, 3035-3039.	9.1	62
7	Electronic structure of Ba (Zn _{0.875} Mn _{0.125}) ₂ As ₂ . <i>Applied Physics Letters</i> , 2017, 111, .	3.3	3
8	Topologically nontrivial bismuth(111) thin films. <i>Scientific Reports</i> , 2016, 6, 21326.	3.3	35
9	Evolution of the electronic structure in ultrathin Bi(111) films. <i>Physical Review B</i> , 2015, 91, .	3.2	29
10	Electronic structure of a superconducting topological insulator Sr-doped Bi ₂ Se ₃ . <i>Applied Physics Letters</i> , 2015, 107, .	3.3	55
11	Epitaxial growth of two-dimensional stanene. <i>Nature Materials</i> , 2015, 14, 1020-1025.	27.5	1,459
12	Orbit- and atom-resolved spin textures of intrinsic, extrinsic, and hybridized Dirac cone states. <i>Physical Review B</i> , 2014, 89, .	3.2	13
13	Wave-like superconducting state and electronic structure in Ir _{0.95} Pd _{0.05} Te ₃ . <i>Physical Review B</i> , 2014, 89, .	3.2	16
14	Creation of helical Dirac fermions by interfacing two gapped systems of ordinary fermions. <i>Nature Communications</i> , 2013, 4, 1384.	12.8	81
15	Quasiparticle dynamics in reshaped helical Dirac cone of topological insulators. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 2758-2762.	7.1	86
16	Carrier density dependence of the magnetic properties in iron-doped Bi ₂ Se ₃ topological insulator. <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	22
17	Carrier dependence of the magnetic properties in magnetic topological insulator Sb _{1.95} Bi _x Cr _{0.05} Te ₃ . <i>Applied Physics Letters</i> , 2012, 101, 072406.	3.3	21
18	Large magnetic moment of gadolinium substituted topological insulator: Bi _{1.98} Gd _{0.02} Se ₃ . <i>Applied Physics Letters</i> , 2012, 100, .	3.3	46

#	ARTICLE	IF	CITATIONS
19	Spatial and Energy Distribution of Topological Edge States in Single Bi(111) Bilayer. Physical Review Letters, 2012, 109, 016801.	7.8	293
20	Topology Meets Correlation: Neutron Scattering from Correlated Topological Materials. Neutron News, 0, , 1-3.	0.2	0