

Ying Xing

List of Publications by Year in descending order

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28
papers

1,476
citations

471509

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501196

28
g-index

28
all docs

28
docs citations

28
times ranked

2256
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrating quasi-one-dimensional superconductors on flexible substrates. AIP Advances, 2022, 12, .	1.3	1
2	Extrinsic and Intrinsic Anomalous Metallic States in Transition Metal Dichalcogenide Ising Superconductors. Nano Letters, 2021, 21, 7486-7494.	9.1	18
3	Observation of In-Plane Quantum Griffiths Singularity in Two-Dimensional Crystalline Superconductors. Physical Review Letters, 2021, 127, 137001.	7.8	17
4	Surface superconductivity in the type II Weyl semimetal TaIrTe ₄ . National Science Review, 2020, 7, 579-587.	9.5	39
5	Eightfold fermionic excitation in a charge density wave compound. Physical Review B, 2020, 102, .	3.2	20
6	Unconventional Hall effect induced by Berry curvature. National Science Review, 2020, 7, 1879-1885.	9.5	19
7	Extremely large and anisotropic magnetoresistance in rare-earth tritelluride TbTe ₃ . Journal of Applied Physics, 2020, 128, 073901.	2.5	9
8	Anomalous quantum Griffiths singularity in ultrathin crystalline lead films. Nature Communications, 2019, 10, 3633.	12.8	21
9	Disorder-induced multifractal superconductivity in monolayer niobium dichalcogenides. Nature Physics, 2019, 15, 904-910.	16.7	86
10	Signature of Superconductivity in Orthorhombic CoSb Monolayer Films on SrTiO ₃ (001). ACS Nano, 2019, 13, 10434-10439.	14.6	13
11	Superconductivity and Fermi Surface Anisotropy in Transition Metal Dichalcogenide NbTe ₂ . Chinese Physics Letters, 2019, 36, 057402.	3.3	22
12	On the origin of critical temperature enhancement in atomically thin superconductors. 2D Materials, 2017, 4, 025072.	4.4	44
13	Ising Superconductivity and Quantum Phase Transition in Macro-Size Monolayer NbSe ₂ . Nano Letters, 2017, 17, 6802-6807.	9.1	155
14	Spin fluctuation induced linear magnetoresistance in ultrathin superconducting FeSe films. 2D Materials, 2017, 4, 034004.	4.4	16
15	Superconductivity in topologically nontrivial material Au ₂ Pb. Npj Quantum Materials, 2016, 1, .	5.2	52
16	Observation of quantum Griffiths singularity and ferromagnetism at the superconducting LaAlO ₃ /SrTiO ₃ interface. Physical Review B, 2016, 94, .	12.1	49
17	Anisotropic Fermi Surface and Quantum Limit Transport in High Mobility Three-Dimensional Dirac Semimetal Cd ₃ As ₂ . Physical Review X, 2015, 5, .	8.9	118
18	Growth and Electronic Transport Property of Layered BiOCl Microplates. Advanced Materials Interfaces, 2015, 2, 1500194.	3.7	10

#	ARTICLE	IF	CITATIONS
19	Detection of a Superconducting Phase in a Two-Atom Layer of Hexagonal Ga Film Grown on Semiconducting GaN(0001). <i>Physical Review Letters</i> , 2015, 114, 107003.	7.8	81
20	Direct evidence of high temperature superconductivity in one-unit-cell FeSe films on SrTiO ₃ substrate by transport and magnetization measurements. <i>Chinese Physics B</i> , 2015, 24, 117404.	1.4	6
21	Thickness dependence of superconductivity and superconductor-insulator transition in ultrathin FeSe films on SrTiO ₃ (001) substrate. <i>2D Materials</i> , 2015, 2, 044012.	4.4	37
22	Electrical probing of field-driven cascading quantized transitions of skyrmion cluster states in MnSi nanowires. <i>Nature Communications</i> , 2015, 6, 7637.	12.8	83
23	Ca-Doped Strontianite-Calcite Hybrid Micropillar Arrays Formed via Oriented Dissolution and Heteroepitaxial Growth on Calcite. <i>Crystal Growth and Design</i> , 2015, 15, 2156-2164.	3.0	8
24	Quantum Griffiths singularity of superconductor-metal transition in Ga thin films. <i>Science</i> , 2015, 350, 542-545.	12.6	151
25	Direct Observation of High-Temperature Superconductivity in One-Unit-Cell FeSe Films. <i>Chinese Physics Letters</i> , 2014, 31, 017401.	3.3	222
26	High temperature superconducting FeSe films on SrTiO ₃ substrates. <i>Scientific Reports</i> , 2014, 4, 6040.	3.3	109
27	Electronic transport properties of topological insulator films and low dimensional superconductors. <i>Frontiers of Physics</i> , 2013, 8, 491-508.	5.0	13
28	Demonstration of surface transport in a hybrid Bi ₂ Se ₃ /Bi ₂ Te ₃ heterostructure. <i>Scientific Reports</i> , 2013, 3, 3060.	3.3	67