

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

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28
all docs

28
docs citations

28
times ranked

2256
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Observation of High-Temperature Superconductivity in One-Unit-Cell FeSe Films. Chinese Physics Letters, 2014, 31, 017401.	3.3	222
2	Ising Superconductivity and Quantum Phase Transition in Macro-Size Monolayer NbSe ₂ . Nano Letters, 2017, 17, 6802-6807.	9.1	155
3	Quantum Griffiths singularity of superconductor-metal transition in Ga thin films. Science, 2015, 350, 542-545.	12.6	151
4	Anisotropic Fermi Surface and Quantum Limit Transport in High Mobility Three-Dimensional Dirac Semimetal Cd_3As_2 . Physical Review X, 2015, 5, .	8.9	118
5	High temperature superconducting FeSe films on SrTiO ₃ substrates. Scientific Reports, 2014, 4, 6040.	3.3	109
6	Disorder-induced multifractal superconductivity in monolayer niobium dichalcogenides. Nature Physics, 2019, 15, 904-910.	16.7	86
7	Electrical probing of field-driven cascading quantized transitions of skyrmion cluster states in MnSi nanowires. Nature Communications, 2015, 6, 7637.	12.8	83
8	Detection of a Superconducting Phase in a Two-Atom Layer of Hexagonal Ga Film Grown on Semiconducting GaN(0001). Physical Review Letters, 2015, 114, 107003.	7.8	81
9	Demonstration of surface transport in a hybrid Bi ₂ Se ₃ /Bi ₂ Te ₃ heterostructure. Scientific Reports, 2013, 3, 3060.	3.3	67
10	Superconductivity in topologically nontrivial material Au ₂ Pb. Npj Quantum Materials, 2016, 1, .	5.2	52
11	On the origin of critical temperature enhancement in atomically thin superconductors. 2D Materials, 2017, 4, 025072.	4.4	44
12	Observation of quantum Griffiths singularity and ferromagnetism at the superconducting $\text{LaAlO}_3/\text{SrTiO}_3$ interface. Physical Review B, 2016, 94, .	4.2	39
13	Surface superconductivity in the type II Weyl semimetal TaIrTe ₄ . National Science Review, 2020, 7, 579-587.	9.5	39
14	Thickness dependence of superconductivity and superconductor-insulator transition in ultrathin FeSe films on SrTiO ₃ (001) substrate. 2D Materials, 2015, 2, 044012.	4.4	37
15	Superconductivity and Fermi Surface Anisotropy in Transition Metal Dichalcogenide NbTe ₂ . Chinese Physics Letters, 2019, 36, 057402.	3.3	22
16	Anomalous quantum Griffiths singularity in ultrathin crystalline lead films. Nature Communications, 2019, 10, 3633.	12.8	21
17	Eightfold fermionic excitation in a charge density wave compound. Physical Review B, 2020, 102, .	3.2	20
18	Unconventional Hall effect induced by Berry curvature. National Science Review, 2020, 7, 1879-1885.	9.5	19

#	ARTICLE	IF	CITATIONS
19	Extrinsic and Intrinsic Anomalous Metallic States in Transition Metal Dichalcogenide Ising Superconductors. <i>Nano Letters</i> , 2021, 21, 7486-7494.	9.1	18
20	Observation of In-Plane Quantum Griffiths Singularity in Two-Dimensional Crystalline Superconductors. <i>Physical Review Letters</i> , 2021, 127, 137001.	7.8	17
21	Spin fluctuation induced linear magnetoresistance in ultrathin superconducting FeSe films. <i>2D Materials</i> , 2017, 4, 034004.	4.4	16
22	Electronic transport properties of topological insulator films and low dimensional superconductors. <i>Frontiers of Physics</i> , 2013, 8, 491-508.	5.0	13
23	Signature of Superconductivity in Orthorhombic CoSb Monolayer Films on SrTiO ₃ (001). <i>ACS Nano</i> , 2019, 13, 10434-10439.	14.6	13
24	Growth and Electronic Transport Property of Layered BiOCl Microplates. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500194.	3.7	10
25	Extremely large and anisotropic magnetoresistance in rare-earth tritelluride TbTe ₃ . <i>Journal of Applied Physics</i> , 2020, 128, 073901.	2.5	9
26	Ca-Doped Strontianite- <i>Calcite</i> 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
27	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
28	Integrating quasi-one-dimensional superconductors on flexible substrates. <i>AIP Advances</i> , 2022, 12, .	1.3	1