Yi Sun

List of Publications by Year
in descending order

21	1,110	687220 13	713332 21
papers	citations	h-index	g-index

21	21	21	1942
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Direct Observation of High-Temperature Superconductivity in One-Unit-Cell FeSe Films. Chinese Physics Letters, 2014, 31, 017401.	1.3	222
2	Quantum Griffiths singularity of superconductor-metal transition in Ga thin films. Science, 2015, 350, 542-545.	6.0	151
3	High temperature superconducting FeSe films on SrTiO3 substrates. Scientific Reports, 2014, 4, 6040.	1.6	109
4	Ultrathin Co3O4 nanowires with high catalytic oxidation of CO. Chemical Communications, 2011, 47, 11279.	2.2	88
5	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.	2.9	81
6	Anomalous anisotropic magnetoresistance in topological insulator films. Nano Research, 2012, 5, 739-746.	5.8	71
7	Demonstration of surface transport in a hybrid Bi2Se3/Bi2Te3 heterostructure. Scientific Reports, 2013, 3, 3060.	1.6	67
8	Observation of Landau-level-like quantization at 77 K along a strained-induced graphene ridge. Physical Review B, 2012, 85, .	1.1	60
9	Crossover between Weak Antilocalization and Weak Localization of Bulk States in Ultrathin Bi2Se3 Films. Scientific Reports, 2014, 4, 5817.	1.6	52
10	Crossover from 3D to 2D Quantum Transport in Bi₂Se₃/In₂Se₃ Superlattices. Nano Letters, 2014, 14, 5244-5249.	4.5	44
11	On the origin of critical temperature enhancement in atomically thin superconductors. 2D Materials, 2017, 4, 025072.	2.0	44
12	Voltage-current properties of superconducting amorphous tungsten nanostrips. Scientific Reports, 2013, 3, 2307.	1.6	37
13	Superconductivity in single crystalline Pb nanowires contacted by normal metal electrodes. Physical Review B, 2012, 86, .	1.1	20
14	Electronic transport properties of topological insulator films and low dimensional superconductors. Frontiers of Physics, 2013, 8, 491-508.	2.4	13
15	Scanning tunnelling microscope studies of angstrom-scale Co₃O₄nanowires. Nanotechnology, 2010, 21, 335605.	1.3	12
16	Transition metal oxide nanowires synthesized by heating metal substrates. Materials Research Bulletin, 2011, 46, 2120-2124.	2.7	11
17	Evidence for surface states in a single 3 nm diameter Co3O4 nanowire. Applied Physics Letters, 2010, 96, 262106.	1.5	9
18	Inhibited single-electron transfer by electronic band gap of two-dimensional Au quantum dot superlattice. Applied Physics Letters, 2010, 97, 113101.	1.5	7

#	Article	IF	Citations
19	Zero-bias anomaly in one-dimensional ultrathin metallic nanowires. AIP Advances, 2012, 2, .	0.6	7
20	Effect of exchange-type zero-bias anomaly on single-electron tunneling of Au nanoparticles. Physical Review B, 2011, 84, .	1.1	3
21	Novel voltage signal at proximity-induced superconducting transition temperature in gold nanowires. Science China: Physics, Mechanics and Astronomy, 2018, 61, 1.	2.0	2