

Jia Jinfeng

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7133393/jia-jinfeng-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

168
papers

13,364
citations

43
h-index

115
g-index

178
ext. papers

15,284
ext. citations

7.4
avg, IF

5.84
L-index

#	Paper	IF	Citations
168	Experimental observation of the quantum anomalous Hall effect in a magnetic topological insulator. <i>Science</i> , 2013 , 340, 167-70	33.3	2044
167	Epitaxial growth of two-dimensional stanene. <i>Nature Materials</i> , 2015 , 14, 1020-5	27	1153
166	Crossover of the three-dimensional topological insulator Bi ₂ Se ₃ to the two-dimensional limit. <i>Nature Physics</i> , 2010 , 6, 584-588	16.2	1048
165	Superconductivity above 100 K in single-layer FeSe films on doped SrTiO ₃ . <i>Nature Materials</i> , 2015 , 14, 285-9	27	770
164	Experimental demonstration of topological surface states protected by time-reversal symmetry. <i>Physical Review Letters</i> , 2009 , 103, 266803	7.4	586
163	Superconductivity modulated by quantum size effects. <i>Science</i> , 2004 , 306, 1915-7	33.3	485
162	Superconductivity in one-atomic-layer metal films grown on Si(111). <i>Nature Physics</i> , 2010 , 6, 104-108	16.2	384
161	The coexistence of superconductivity and topological order in the Bi ₂ Se ₃ thin films. <i>Science</i> , 2012 , 336, 52-5	33.3	371
160	Majorana Zero Mode Detected with Spin Selective Andreev Reflection in the Vortex of a Topological Superconductor. <i>Physical Review Letters</i> , 2016 , 116, 257003	7.4	343
159	Intrinsic topological insulator Bi ₂ Te ₃ thin films on Si and their thickness limit. <i>Advanced Materials</i> , 2010 , 22, 4002-7	24	335
158	Direct observation of nodes and twofold symmetry in FeSe superconductor. <i>Science</i> , 2011 , 332, 1410-3	33.3	328
157	Landau quantization of topological surface states in Bi ₂ Se ₃ . <i>Physical Review Letters</i> , 2010 , 105, 076801	7.4	327
156	Experimental detection of a Majorana mode in the core of a magnetic vortex inside a topological insulator-superconductor Bi(2)Te(3)/NbSe(2) heterostructure. <i>Physical Review Letters</i> , 2015 , 114, 017001	7.4	317
155	Spontaneous assembly of perfectly ordered identical-size nanocluster arrays. <i>Physical Review Letters</i> , 2002 , 88, 066101	7.4	286
154	Spatial and energy distribution of topological edge states in single Bi(111) bilayer. <i>Physical Review Letters</i> , 2012 , 109, 016801	7.4	246
153	Probing superexchange interaction in molecular magnets by spin-flip spectroscopy and microscopy. <i>Physical Review Letters</i> , 2008 , 101, 197208	7.4	210
152	Electron interaction-driven insulating ground state in Bi ₂ Se ₃ topological insulators in the two-dimensional limit. <i>Physical Review B</i> , 2011 , 83,	3.3	204

151	Manipulating the Kondo resonance through quantum size effects. <i>Physical Review Letters</i> , 2007 , 99, 256601	7.4	187
150	Topological insulator thin films of Bi ₂ Te ₃ with controlled electronic structure. <i>Advanced Materials</i> , 2011 , 23, 2929-32	24	172
149	Artificial Topological Superconductor by the Proximity Effect. <i>Physical Review Letters</i> , 2014 , 112,	7.4	162
148	Topological insulator Bi ₂ Se ₃ thin films grown on double-layer graphene by molecular beam epitaxy. <i>Applied Physics Letters</i> , 2010 , 97, 143118	3.4	140
147	High-resolution scanning tunneling spectroscopy of magnetic impurity induced bound states in the superconducting gap of Pb thin films. <i>Physical Review Letters</i> , 2008 , 100, 226801	7.4	137
146	Dense network of one-dimensional midgap metallic modes in monolayer MoSe ₂ and their spatial undulations. <i>Physical Review Letters</i> , 2014 , 113, 066105	7.4	135
145	Experimental Observation of Topological Edge States at the Surface Step Edge of the Topological Insulator ZrTe ₅ . <i>Physical Review Letters</i> , 2016 , 116, 176803	7.4	126
144	Experimental observation of quantum oscillation of surface chemical reactivities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 9204-8	11.5	113
143	Artificial nanocluster crystal: Lattice of identical Al clusters. <i>Applied Physics Letters</i> , 2002 , 80, 3186-3188	3.4	108
142	Molecular beam epitaxial growth of topological insulators. <i>Advanced Materials</i> , 2011 , 23, 1162-5	24	103
141	Electronic structures and unusually robust bandgap in an ultrahigh-mobility layered oxide semiconductor, BiOSe. <i>Science Advances</i> , 2018 , 4, eaat8355	14.3	103
140	Atomically smooth ultrathin films of topological insulator Sb ₂ Te ₃ . <i>Nano Research</i> , 2010 , 3, 874-880	10	91
139	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, 2758-62	11.5	80
138	Borderline magic clustering: the fabrication of tetravalent Pb cluster arrays on Si(111)-(7x7) surfaces. <i>Physical Review Letters</i> , 2004 , 93, 116103	7.4	73
137	Quantum size effect on adatom surface diffusion. <i>Physical Review Letters</i> , 2006 , 97, 266102	7.4	69
136	Interlayer vibrational modes in few-quintuple-layer Bi ₂ Te ₃ and Bi ₂ Se ₃ two-dimensional crystals: Raman spectroscopy and first-principles studies. <i>Physical Review B</i> , 2014 , 90,	3.3	68
135	Line and Point Defects in MoSe ₂ Bilayer Studied by Scanning Tunneling Microscopy and Spectroscopy. <i>ACS Nano</i> , 2015 , 9, 6619-25	16.7	63
134	Self-assembled monolayers of aromatic thiols stabilized by parallel-displaced pi-pi stacking interactions. <i>Langmuir</i> , 2006 , 22, 3049-56	4	62

133	Quantum size effects on the perpendicular upper critical field in ultrathin lead films. <i>Physical Review Letters</i> , 2005 , 95, 247005	7.4	61
132	Power-law decay of standing waves on the surface of topological insulators. <i>Physical Review B</i> , 2011 , 84,	3.3	53
131	Quantum size effect directed selective self-assembling of cobalt phthalocyanine on Pb(111) thin films. <i>Journal of the American Chemical Society</i> , 2008 , 130, 7790-1	16.4	51
130	Identifying charge states of molecules with spin-flip spectroscopy. <i>Physical Review Letters</i> , 2009 , 103, 257202	7.4	50
129	Observation of intervalley quantum interference in epitaxial monolayer tungsten diselenide. <i>Nature Communications</i> , 2015 , 6, 8180	17.4	49
128	Coexistence of Topological Edge State and Superconductivity in Bismuth Ultrathin Film. <i>Nano Letters</i> , 2017 , 17, 3035-3039	11.5	46
127	In situ Raman spectroscopy of topological insulator Bi ₂ Te ₃ films with varying thickness. <i>Nano Research</i> , 2013 , 6, 688-692	10	46
126	Electronic structure of a superconducting topological insulator Sr-doped Bi ₂ Se ₃ . <i>Applied Physics Letters</i> , 2015 , 107, 171602	3.4	46
125	Large magnetic moment of gadolinium substituted topological insulator: Bi _{1.98} Gd _{0.02} Se ₃ . <i>Applied Physics Letters</i> , 2012 , 100, 242403	3.4	43
124	Stability, resolution, and tip-tip imaging by a dual-probe scanning tunneling microscope. <i>Review of Scientific Instruments</i> , 2001 , 72, 4388-4392	1.7	43
123	Doping effects of Sb and Pb in epitaxial topological insulator Bi ₂ Se ₃ thin films: An in situ angle-resolved photoemission spectroscopy study. <i>Applied Physics Letters</i> , 2010 , 97, 194102	3.4	40
122	Quantum growth of magnetic nanoplatelets of Co on Si with high blocking temperature. <i>Nano Letters</i> , 2005 , 5, 87-90	11.5	40
121	Anisotropic topological surface states on high-index Bi ₂ Se ₃ films. <i>Advanced Materials</i> , 2013 , 25, 1557-6224		39
120	Tuning structures and electronic spectra of graphene layers with tilt grain boundaries. <i>Physical Review B</i> , 2014 , 89,	3.3	37
119	Spontaneous formation of ordered indium nanowire array on Si(001). <i>Applied Physics Letters</i> , 2001 , 79, 2826-2828	3.4	37
118	Selective adsorption and electronic interaction of F ₁₆ CuPc on epitaxial graphene. <i>Physical Review B</i> , 2010 , 82,	3.3	36
117	Anomalous magnetoresistance oscillations and enhanced superconductivity in single-crystal Pb nanobelts. <i>Applied Physics Letters</i> , 2008 , 92, 233119	3.4	35
116	Inversion Domain Boundary Induced Stacking and Bandstructure Diversity in Bilayer MoSe. <i>Nano Letters</i> , 2017 , 17, 6653-6660	11.5	34

115	Scanning tunneling microscopy study of superlattice domain boundaries on graphite surface. <i>Surface Science</i> , 2003 , 542, 94-100	1.8	33
114	Quantum Effects and Phase Tuning in Epitaxial Hexagonal and Monoclinic MoTe Monolayers. <i>ACS Nano</i> , 2017 , 11, 3282-3288	16.7	32
113	The fate of the 2D $\sqrt{3}\sqrt{3}$ silicene phase on Ag(111). <i>APL Materials</i> , 2014 , 2, 092513	5.7	31
112	Modulating resonance modes and Q value of a CdS nanowire cavity by single Ag nanoparticles. <i>Nano Letters</i> , 2011 , 11, 4270-4	11.5	31
111	Quantum Size Effects Induced Novel Properties in Two-Dimensional Electronic Systems: Pb Thin Films on Si(111). <i>Journal of the Physical Society of Japan</i> , 2007 , 76, 082001	1.5	31
110	Quasiparticle interference and nonsymmorphic effect on a floating band surface state of ZrSiSe. <i>Nature Communications</i> , 2018 , 9, 4153	17.4	31
109	Identifying magnetic anisotropy of the topological surface state of Cr(0.05)Sb(1.95)Te(3) with spin-polarized STM. <i>Physical Review Letters</i> , 2013 , 111, 176802	7.4	30
108	Residual strain around a step edge of artificial AlBi(111)-7 $\sqrt{3}\sqrt{3}$ nanocluster. <i>Applied Physics Letters</i> , 2005 , 87, 201908	3.4	30
107	Detection of Majorana zero mode in the vortex. <i>Npj Quantum Materials</i> , 2017 , 2,	5	29
106	Effect of sapphire substrate nitridation on the elimination of rotation domains in ZnO epitaxial films. <i>Journal Physics D: Applied Physics</i> , 2004 , 37, 3058-3062	3	29
105	Topologically nontrivial bismuth(111) thin films. <i>Scientific Reports</i> , 2016 , 6, 21326	4.9	29
104	Evolution of the electronic structure in ultrathin Bi(111) films. <i>Physical Review B</i> , 2015 , 91,	3.3	24
103	Tailoring phthalocyanine metalation reaction by quantum size effect. <i>Journal of the American Chemical Society</i> , 2010 , 132, 1456-7	16.4	24
102	Growth, stability and morphology evolution of Pb films on Si(111) prepared at low temperature. <i>Surface Science</i> , 2005 , 596, L331-L338	1.8	23
101	Strain Tunable Semimetal-Topological-Insulator Transition in Monolayer $1T^{\prime}\text{-WTe}_2$. <i>Physical Review Letters</i> , 2020 , 125, 046801	7.4	23
100	Antiferromagnetic Order in Epitaxial FeSe Films on SrTiO ₃ . <i>Physical Review Letters</i> , 2018 , 120, 097001	7.4	22
99	Engineering of Magnetic Coupling in Nanographene. <i>Physical Review Letters</i> , 2020 , 124, 147206	7.4	21
98	Interface structure of a topological insulator/superconductor heterostructure. <i>New Journal of Physics</i> , 2014 , 16, 123043	2.9	20

97	Carriers 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	3.4	20
96	Negative magnetoresistance in fractal Pb thin films on Si(111). <i>Applied Physics Letters</i> , 2007 , 90, 113109	3.4	20
95	Interplay between quantum size effect and strain effect on growth of nanoscale metal thin films. <i>Physical Review B</i> , 2012 , 86,	3.3	19
94	Coulomb sink: a novel coulomb effect on coarsening of metal nanoclusters on semiconductor surfaces. <i>Physical Review Letters</i> , 2004 , 93, 106102	7.4	19
93	Wavevector-dependent quantum-size effect in electron decay length at Pb thin film surfaces. <i>Applied Physics Letters</i> , 2008 , 93, 093105	3.4	18
92	Spontaneous formation of Mn nanocluster arrays on a Si(111) surface observed with STM. <i>Physical Review B</i> , 2008 , 78,	3.3	17
91	Possible structural origin of superconductivity in Sr-doped Bi ₂ Se ₃ . <i>Physical Review Materials</i> , 2018 , 2,	3.2	17
90	Electronic nature of chiral charge order in the kagome superconductor CsV ₃ Sb ₅ . <i>Physical Review B</i> , 2021 , 104,	3.3	17
89	Development of micro-four-point probe in a scanning tunneling microscope for in situ electrical transport measurement. <i>Review of Scientific Instruments</i> , 2015 , 86, 053903	1.7	16
88	Visualizing ferromagnetic domains in magnetic topological insulators. <i>APL Materials</i> , 2015 , 3, 083301	5.7	16
87	Application of magnetic atom induced bound states in superconducting gap for chemical identification of single magnetic atoms. <i>Applied Physics Letters</i> , 2010 , 96, 073113	3.4	15
86	Magnetoresistance oscillations of ultrathin Pb bridges. <i>Nano Research</i> , 2009 , 2, 671-677	10	15
85	Designer spin order in diradical nanographenes. <i>Nature Communications</i> , 2020 , 11, 6076	17.4	15
84	Fully gapped s-wave-like superconducting state and electronic structure in Ir _{0.95} Pd _{0.05} Te ₂ single crystals with strong spin-orbital coupling. <i>Physical Review B</i> , 2014 , 89,	3.3	14
83	Development of in situ two-coil mutual inductance technique in a multifunctional scanning tunneling microscope. <i>Review of Scientific Instruments</i> , 2017 , 88, 073902	1.7	13
82	Orbit- and atom-resolved spin textures of intrinsic, extrinsic, and hybridized Dirac cone states. <i>Physical Review B</i> , 2014 , 89,	3.3	13
81	Scattering focusing and localized surface plasmons in a single Ag nanoring. <i>Applied Physics Letters</i> , 2010 , 97, 261107	3.4	13
80	Precise Control of Electron Magnetism in Metal-Free Porphyrins. <i>Journal of the American Chemical Society</i> , 2020 , 142, 18532-18540	16.4	13

79	Majorana zero mode in the vortex of an artificial topological superconductor. <i>Science China: Physics, Mechanics and Astronomy</i> , 2017 , 60, 1	3.6	12
78	Fabricating artificial nanowells with tunable size and shape by using scanning tunneling microscopy. <i>Applied Physics Letters</i> , 2006 , 89, 123111	3.4	12
77	Stanene: A good platform for topological insulator and topological superconductor. <i>Frontiers of Physics</i> , 2020 , 15, 1	3.7	12
76	Strain in epitaxial high-index Bi ₂ Se ₃ (221) films grown by molecular-beam epitaxy. <i>Applied Surface Science</i> , 2017 , 396, 1825-1830	6.7	11
75	An unusual magnetoresistance effect in the heterojunction structure of an ultrathin single-crystal Pb film on silicon substrate. <i>Nanotechnology</i> , 2008 , 19, 475708	3.4	10
74	Topological superconductivity in a Bi ₂ Te ₃ /NbSe ₂ heterostructure: A review. <i>Chinese Physics B</i> , 2019 , 28, 067403	1.2	9
73	Microstructural characterization of sulfur-doped Bi ₂ Te ₃ crystals. <i>Materials Characterization</i> , 2016 , 114, 172-178	3.9	9
72	Strongly compressed Bi (111) bilayer films on Bi ₂ Se ₃ studied by scanning tunneling microscopy. <i>Applied Physics Letters</i> , 2015 , 107, 121601	3.4	9
71	Magnetic anisotropy of van der Waals absorbed iron(II) phthalocyanine layer on Bi ₂ Te ₃ . <i>Physical Review B</i> , 2014 , 90,	3.3	9
70	Adhesion modulation by quantum size effects in PbBi(111) system. <i>Applied Physics Letters</i> , 2006 , 89, 183109	3.4	9
69	Vectorial mapping of noncollinear antiferromagnetic structure of semiconducting FeSe surface with spin-polarized scanning tunneling microscopy. <i>Applied Physics Letters</i> , 2016 , 108, 061601	3.4	9
68	Resolving Quinoid Structure in Poly(-phenylene) Chains. <i>Journal of the American Chemical Society</i> , 2020 , 142, 10034-10041	16.4	8
67	Superconductivity of Topological Surface States and Strong Proximity Effect in Sn Pb Te-Pb Heterostructures. <i>Advanced Materials</i> , 2019 , 31, e1905582	24	8
66	Sample-size dependence of the superconducting transition of ribbon-shaped Pb nanocrystals studied by scanning tunneling spectroscopy. <i>Physical Review B</i> , 2010 , 81,	3.3	8
65	Defects analysis of Al/Si artificial nanocluster with moiré fringes. <i>Optics and Lasers in Engineering</i> , 2005 , 43, 1071-1080	4.6	8
64	Coadsorption of carbon monoxide and oxygen on Pd{001}c(2x2)Mn: an oxidation pathway for CO ₂ formation. <i>Surface Science</i> , 1994 , 312, 167-173	1.8	8
63	Emergence of New van Hove Singularities in the Charge Density Wave State of a Topological Kagome Metal RbV ₃ Sb ₅ . <i>Physical Review Letters</i> , 2021 , 127, 236401	7.4	8
62	Atomically flat superconducting NbN thin films grown on SrTiO ₃ (111) by plasma-assisted MBE. <i>APL Materials</i> , 2017 , 5, 126107	5.7	7

61	Zeeman effect of the topological surface states revealed by quantum oscillations up to 91 Tesla. <i>Physical Review B</i> , 2015 , 92,	3.3	7
60	Effect of nitrogen-vacancy complex defects on the electronic transport of carbon nanotube. <i>Applied Physics Letters</i> , 2009 , 94, 102108	3.4	7
59	Activated dissociation of O ₂ on Pb(111) surfaces by Pb adatoms. <i>Physical Review B</i> , 2009 , 80,	3.3	7
58	Molecular beam epitaxy of superconducting PdTe ₂ films on topological insulator Bi ₂ Te ₃ . <i>Science China: Physics, Mechanics and Astronomy</i> , 2019 , 62, 1	3.6	6
57	Diamagnetic response of a superconducting surface superstructure: Si(111)- $\sqrt{3}\sqrt{3}$ -In. <i>Physical Review B</i> , 2019 , 99,	3.3	6
56	Observation of Rashba splitting on Bi ₂ Se ₃ /Si(111) reconstructed surface. <i>Surface Science</i> , 2013 , 618, 115-119	1.8	6
55	STM and MBE: one of the best combinations. <i>Journal Physics D: Applied Physics</i> , 2011 , 44, 464007	3	6
54	Gold adsorption induced surface alloying on Si(111)- $\sqrt{3}\sqrt{3}$ -Pb surface. <i>Applied Physics Letters</i> , 2009 , 95, 193102	3.4	6
53	X-ray magnetic circular dichroism at L ₂₃ edge of Co nanoclusters on Si(111) surface. <i>Journal of Physics Condensed Matter</i> , 2004 , 16, S5783-S5786	1.8	6
52	Oxidation of ethylene on the ordered alloy surface Pd(111)- $\sqrt{3}\sqrt{3}$ -Mn. <i>Surface Science</i> , 1995 , 338, 69-76	1.8	6
51	Scanning tunneling microscopic investigation on morphology of magnetic Weyl semimetal YbMnBi ₂ . <i>Chinese Physics B</i> , 2019 , 28, 077302	1.2	5
50	STM study of a rubrene monolayer on Bi(001): Structural modulations. <i>Physical Review B</i> , 2011 , 83,	3.3	5
49	Ordered Au/Pb nanoring arrays on Pb-induced Si(111)- $\sqrt{3}\sqrt{3}$ surface. <i>Applied Physics Letters</i> , 2009 , 94, 063112	3.4	5
48	Metastable Face-Centered Cubic Structure and Structural Transition of Sn on 2H-NbSe ₂ (0001). <i>Chinese Physics Letters</i> , 2018 , 35, 066802	1.8	4
47	Highly mobile carriers in a candidate of quasi-two-dimensional topological semimetal AuTe ₂ Br. <i>APL Materials</i> , 2019 , 7, 101110	5.7	4
46	Ultrathin lead oxide film on Pb(111) and its application in single spin detection. <i>Applied Physics Letters</i> , 2009 , 95, 063107	3.4	4
45	The influence of interband tunneling on leakage current in manganite/titanate heterojunction. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008 , 372, 4943-4946	2.3	4
44	A study of the surface structure of deposited Au on Pb film. <i>Journal of Physics Condensed Matter</i> , 2007 , 19, 136005	1.8	4

43	Discovery of segmented Fermi surface induced by Cooper pair momentum. <i>Science</i> , 2021 , 374, 1381-1385	3.3	4
42	Formation mechanism of twin domain boundary in 2D materials: The case for WTe ₂ . <i>Nano Research</i> , 2019 , 12, 569-573	10	4
41	On-Surface Synthesis of Iron Phthalocyanine Using Metal-Organic Coordination Templates. <i>ChemPhysChem</i> , 2019 , 20, 2394-2397	3.2	3
40	A tunable and unidirectional one-dimensional electronic system Nb _{2n+1} Si _n Te _{4n+2} . <i>Npj Quantum Materials</i> , 2020 , 5,	5	3
39	One dimensional electronic states in mirror twin boundaries of Bi (1'1'1). <i>Applied Surface Science</i> , 2020 , 512, 145644	6.7	3
38	Robust Hot Electron and Multiple Topological Insulator States in PtBi. <i>ACS Nano</i> , 2020 , 14, 2366-2372	16.7	3
37	Surface Structure and Reconstructions of HgTe (111) Surfaces. <i>Chinese Physics Letters</i> , 2018 , 35, 026802	1.8	3
36	Electronic structure of Ba (Zn _{0.875} Mn _{0.125}) ₂ As ₂ . <i>Applied Physics Letters</i> , 2017 , 111, 062106	3.4	3
35	Electronic properties of aluminum/CdZnTe interfaces. <i>Applied Physics Letters</i> , 2013 , 102, 211602	3.4	3
34	Scanning tunneling microscopy observation of surface superstructures during the growth of In on In/Si(111) surface. <i>Thin Solid Films</i> , 2011 , 520, 328-332	2.2	3
33	ENHANCEMENT OF SUPERCONDUCTIVITY OF Pb ULTRA-THIN FILMS BY THE INTERFACE EFFECT. <i>Surface Review and Letters</i> , 2010 , 17, 437-440	1.1	3
32	Spontaneous assembly of perfectly ordered identical-size nanocluster arrays. <i>Nanotechnology</i> , 2002 , 13, 736-740	3.4	3
31	Spontaneous vacancy array formation on FeSi ₂ and CoSi ₂ formed on Si(100) 2x surface. <i>Applied Physics Letters</i> , 2002 , 80, 1990-1992	3.4	3
30	Multiple In-Gap States Induced by Topological Surface States in the Superconducting Topological Crystalline Insulator Heterostructure Sn _{1-x} Pb _x Te-Pb. <i>Physical Review Letters</i> , 2020 , 125, 136802	7.4	3
29	Multifunctional antiferromagnetic materials with giant piezomagnetism and noncollinear spin current. <i>Nature Communications</i> , 2021 , 12, 2846	17.4	3
28	Surface states in lightly hole-doped sodium cobaltate Na _{1-x} CoO ₂ . <i>Physical Review B</i> , 2015 , 91,	3.3	2
27	Growth and structural characterisation of Sr-doped BiSe thin films. <i>Scientific Reports</i> , 2018 , 8, 2192	4.9	2
26	Creating Majorana fermions in topological insulators. <i>National Science Review</i> , 2014 , 1, 36-37	10.8	2

25	Doping nature of Cu in epitaxial topological insulator Bi ₂ Te ₃ thin films. <i>Surface Science</i> , 2013 , 617, 156-168	2
24	Numerical analysis of the transport processes in manganite/titanate Schottky junctions. <i>Applied Surface Science</i> , 2009 , 255, 6262-6265	6.7 2
23	Stability and flexibility of self-assembled monolayers of thiols consisting of a horizontal large system and a vertical spacer. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 315012	1.8 2
22	Thermal effects in photoemission from Bi(1 1 1) films on Si(1 1 1)-(7 × 7). <i>Surface Science</i> , 2008 , 602, 102-108	2
21	Quantum oscillations in Pb/Si (111) heterostructure system. <i>Frontiers of Physics in China</i> , 2006 , 1, 323-333	2
20	Growth of single-domain monatomic In chain arrays on the vicinal Si(001) surface. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2005 , 25, 660-667	3 2
19	Oxidation of carbon monoxide and ethylene on Pd(001)-C(2×2)Mn. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1995 , 76, 201-206	1.7 2
18	Search for Majorana zero mode in the magnetic vortex of artificial topological superconductor. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2019 , 68, 137401	0.6 2
17	Sierpiński Structure and Electronic Topology in Bi Thin Films on InSb(111)B Surfaces. <i>Physical Review Letters</i> , 2021 , 126, 176102	7.4 2
16	Moiré pattern-modulated electronic structures in Sb ₂ Te ₃ /graphene heterostructure. <i>Nano Research</i> , 2019 , 12, 1001-1008	10 2
15	Diamagnetic Response of Potassium-Adsorbed Multilayer FeSe Film. <i>Physical Review Letters</i> , 2019 , 123, 257001	7.4 2
14	Unusual self-assembly of chloroaluminium phthalocyanine on graphite. <i>Surface Science</i> , 2019 , 681, 104-110	11.8 2
13	Topological Insulator Thin Films and Artificial Topological Superconductors 2019 , 71-107	1
12	Coupling of superconductivity and Coulomb blockade in Sn nanoparticles. <i>Nanotechnology</i> , 2020 , 31, 305708	3.4 1
11	Band structure and Fermi surface of atomically uniform lead films. <i>New Journal of Physics</i> , 2010 , 12, 113034	13.4 1
10	STUDY ON THE MECHANISM OF VISIBLE ABSORPTION ENHANCEMENT FOR N ⁺ IMPLANTED TiO ₂ BY RAMAN SPECTROSCOPY. <i>Surface Review and Letters</i> , 2011 , 18, 135-140	1.1 1
9	Steps of Al/Si nanocluster studied by scanning tunneling microscope Moiré method. <i>Scanning</i> , 2004 , 26, 282-6	1.6 1
8	Influence of disorder on superconductivity in the Si(111)-7×7-In surface. <i>Applied Physics Letters</i> , 2020 , 117, 172601	3.4 1

7	Majorana zero mode in the vortex of artificial topological superconductor. <i>Journal of Applied Physics</i> , 2021 , 129, 151104	2.5	1
6	Coexistence of Ferroelectriclike Polarization and Dirac-like Surface State in TaNiTe ₅ . <i>Physical Review Letters</i> , 2022 , 128, 106802	7.4	1
5	Braiding Majorana zero mode in an electrically controllable way. <i>Journal Physics D: Applied Physics</i> , 2021 , 54, 424003	3	0
4	Catalytic growth of ultralong graphene nanoribbons on insulating substrates. <i>Advanced Materials</i> , 2022 , e2200956	24	0
3	THE ADSORPTION AND DESORPTION OF OXYGEN ON CdZnTe (111)B-(2 × 2) SURFACE. <i>Surface Review and Letters</i> , 2013 , 20, 1320001	1.1	
2	Effect of Schottky barrier on the transport property in perovskite oxide heterostructures. <i>Physica B: Condensed Matter</i> , 2009 , 404, 1332-1335	2.8	
1	GROWTH AND STABILITY OF ULTRA-THIN Pb FILMS ON Pb/Si(111)-(1 × 1). <i>Surface Review and Letters</i> , 2011 , 18, 77-82	1.1	