

# Jia Jinfeng

## List of Publications by Year in descending order

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174  
papers

16,805  
citations

46918

47  
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14156

128  
g-index

178  
all docs

178  
docs citations

178  
times ranked

14608  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Observation of the Quantum Anomalous Hall Effect in a Magnetic Topological Insulator. Science, 2013, 340, 167-170.	6.0	2,821
2	Epitaxial growth of two-dimensional stanene. Nature Materials, 2015, 14, 1020-1025.	13.3	1,459
3	Crossover of the three-dimensional topological insulator Bi <sub>2</sub> Se <sub>3</sub> to the two-dimensional limit. Nature Physics, 2010, 6, 584-588.	6.5	1,227
4	Superconductivity above 100 K in single-layer FeSe films on doped SrTiO <sub>3</sub> . Nature Materials, 2015, 14, 285-289.	13.3	924
5	Experimental Demonstration of Topological Surface States Protected by Time-Reversal Symmetry. Physical Review Letters, 2009, 103, 266803.	2.9	653
6	Superconductivity Modulated by Quantum Size Effects. Science, 2004, 306, 1915-1917.	6.0	540
7	Majorana Zero Mode Detected with Spin Selective Andreev Reflection in the Vortex of a Topological Superconductor. Physical Review Letters, 2016, 116, 257003.	2.9	494
8	Superconductivity in one-atomic-layer metal films grown on Si(111). Nature Physics, 2010, 6, 104-108.	6.5	479
9	The Coexistence of Superconductivity and Topological Order in the Bi <sub>2</sub> Se <sub>3</sub> Thin Films. Science, 2012, 336, 52-55.	6.0	462
10	Experimental Detection of a Majorana Mode in the core of a Magnetic Vortex inside a Topological Insulator-Superconductor. Physical Review Letters, 2015, 114, 017001.	2.9	442
11	Intrinsic Topological Insulator Bi <sub>2</sub> Te <sub>3</sub> Thin Films on Si and Their Thickness Limit. Advanced Materials, 2010, 22, 4002-4007.	11.1	376
12	Direct Observation of Nodes and Twofold Symmetry in FeSe Superconductor. Science, 2011, 332, 1410-1413.	6.0	360
13	Landau Quantization of Topological Surface States in Bi <sub>2</sub> Se <sub>3</sub> . Physical Review Letters, 2010, 105, 076801.	2.9	352
14	Spontaneous Assembly of Perfectly Ordered Identical-Size Nanocluster Arrays. Physical Review Letters, 2002, 88, 066101.	2.9	303
15	Spatial and Energy Distribution of Topological Edge States in Single Bi(111) Bilayer. Physical Review Letters, 2012, 109, 016801.	2.9	293
16	Probing Superexchange Interaction in Molecular Magnets by Spin-Flip Spectroscopy and Microscopy. Physical Review Letters, 2008, 101, 197208.	2.9	231
17	Electron Interaction-Driven Insulating Ground State in Bi <sub>2</sub> Se <sub>3</sub> . Physical Review Letters, 2010, 105, 076801.	1.1	226
18	Artificial Topological Superconductor by the Proximity Effect. Physical Review Letters, 2014, 112, .	2.9	226

#	ARTICLE	IF	CITATIONS
19	Manipulating the Kondo Resonance through Quantum Size Effects. Physical Review Letters, 2007, 99, 256601.	2.9	207
20	Topological Insulator Thin Films of $\text{Bi}_2\text{Te}_3$ with Controlled Electronic Structure. Advanced Materials, 2011, 23, 2929-2932.	11.1	194
21	High-Resolution Scanning Tunneling Spectroscopy of Magnetic Impurity Induced Bound States in the Superconducting Gap of Pb Thin Films. Physical Review Letters, 2008, 100, 226801.	2.9	182
22	Dense Network of One-Dimensional Midgap Metallic Modes in Monolayer $\text{MoSe}_2$ Their Spatial Undulations. Physical Review Letters, 2014, 113, 066105.	2.9	172
23	Electronic structures and unusually robust bandgap in an ultrahigh-mobility layered oxide semiconductor, $\text{Bi}_2\text{O}_2\text{Se}$ . Science Advances, 2018, 4, eaat8355.	4.7	167
24	Experimental Observation of Topological Edge States at the Surface Step Edge of the Topological Insulator $\text{ZrTe}_5$ . Physical Review Letters, 2016, 116, 176803.	2.9	164
25	Topological insulator $\text{Bi}_2\text{Se}_3$ thin films grown on double-layer graphene by molecular beam epitaxy. Applied Physics Letters, 2010, 97, .	1.5	154
26	Experimental observation of quantum oscillation of surface chemical reactivities. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9204-9208.	3.3	123
27	Molecular Beam Epitaxial Growth of Topological Insulators. Advanced Materials, 2011, 23, 1162-1165.	11.1	118
28	Artificial nanocluster crystal: Lattice of identical Al clusters. Applied Physics Letters, 2002, 80, 3186-3188.	1.5	112
29	Electronic nature of chiral charge order in the kagome superconductor $\text{CsV}_3\text{Sb}_5$ . Physical Review B, 2021, 104, .	1.1	108
30	Atomically smooth ultrathin films of topological insulator $\text{Sb}_2\text{Te}_3$ . Nano Research, 2010, 3, 874-880.	5.8	104
31	Interlayer vibrational modes in few-quintuple-layer $\text{Bi}_2\text{Te}_3$ crystals: Raman spectroscopy and. Physical Review B, 2014, 90, .	1.1	87
32	Quasiparticle dynamics in reshaped helical Dirac cone of topological insulators. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2758-2762.	3.3	86
33	Borderline Magic Clustering: The Fabrication of Tetravalent Pb Cluster Arrays on $\text{Si}(111)(7\times 7)$ Surfaces. Physical Review Letters, 2004, 93, 116103.	2.9	77
34	Emergence of New van Hove Singularities in the Charge Density Wave State of a Topological Kagome Metal $\text{RbVCl}_3$ . Physical Review Letters, 2021, 127, 236401.	2.9	77
35	Line and Point Defects in $\text{MoSe}_2$ Bilayer Studied by Scanning Tunneling Microscopy and Spectroscopy. ACS Nano, 2015, 9, 6619-6625.	7.3	73
36	Quantum Size Effect on Adatom Surface Diffusion. Physical Review Letters, 2006, 97, 266102.	2.9	72

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37	In situ Raman spectroscopy of topological insulator Bi <sub>2</sub> Te <sub>3</sub> films with varying thickness. Nano Research, 2013, 6, 688-692.	5.8	72
38	Power-law decay of standing waves on the surface of topological insulators. Physical Review B, 2011, 84, .	1.1	69
39	Self-Assembled Monolayers of Aromatic Thiols Stabilized by Parallel-Displaced $\pi$ - $\pi$ Stacking Interactions. Langmuir, 2006, 22, 3049-3056.	1.6	67
40	Strain Tunable Semimetal-Topological-Insulator Transition in Monolayer $\text{1T}$ $\text{TaTe}_2$ . Physical Review Letters, 2020, 125, 046801.	2.9	67
41	Quantum Size Effects on the Perpendicular Upper Critical Field in Ultrathin Lead Films. Physical Review Letters, 2005, 95, 247005.	2.9	65
42	Coexistence of Topological Edge State and Superconductivity in Bismuth Ultrathin Film. Nano Letters, 2017, 17, 3035-3039.	4.5	62
43	Quantum Size Effect Directed Selective Self-Assembling of Cobalt Phthalocyanine on Pb(111) Thin Films. Journal of the American Chemical Society, 2008, 130, 7790-7791.	6.6	56
44	Electronic structure of a superconducting topological insulator Sr-doped Bi <sub>2</sub> Se <sub>3</sub> . Applied Physics Letters, 2015, 107, .	1.5	55
45	Observation of intervalley quantum interference in epitaxial monolayer tungsten diselenide. Nature Communications, 2015, 6, 8180.	5.8	55
46	Identifying Charge States of Molecules with Spin-Flip Spectroscopy. Physical Review Letters, 2009, 103, 257202.	2.9	52
47	Inversion Domain Boundary Induced Stacking and Bandstructure Diversity in Bilayer MoSe <sub>2</sub> . Nano Letters, 2017, 17, 6653-6660.	4.5	51
48	Quasiparticle interference and nonsymmorphic effect on a floating band surface state of ZrSiSe. Nature Communications, 2018, 9, 4153.	5.8	48
49	Designer spin order in diradical nanographenes. Nature Communications, 2020, 11, 6076.	5.8	47
50	Engineering of Magnetic Coupling in Nanographene. Physical Review Letters, 2020, 124, 147206.	2.9	47
51	Large magnetic moment of gadolinium substituted topological insulator: Bi <sub>1.98</sub> Gd <sub>0.02</sub> Se <sub>3</sub> . Applied Physics Letters, 2012, 100, .	1.5	46
52	Quantum Effects and Phase Tuning in Epitaxial Hexagonal and Monoclinic MoTe <sub>2</sub> Monolayers. ACS Nano, 2017, 11, 3282-3288.	7.3	46
53	Discovery of segmented Fermi surface induced by Cooper pair momentum. Science, 2021, 374, 1381-1385.	6.0	45
54	Anisotropic Topological Surface States on High-Index Bi <sub>2</sub> Se <sub>3</sub> Films. Advanced Materials, 2013, 25, 1557-1562.	11.1	44

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55	Stability, resolution, and tip- <i>tip</i> imaging by a dual-probe scanning tunneling microscope. Review of Scientific Instruments, 2001, 72, 4388-4392.	0.6	43
56	Quantum Growth of Magnetic Nanoplatelets of Co on Si with High Blocking Temperature. Nano Letters, 2005, 5, 87-90.	4.5	43
57	Doping effects of Sb and Pb in epitaxial topological insulator Bi <sub>2</sub> Se <sub>3</sub> thin films: An <i>in situ</i> angle-resolved photoemission spectroscopy study. Applied Physics Letters, 2010, 97, .	1.5	43
58	Spontaneous formation of ordered indium nanowire array on Si(001). Applied Physics Letters, 2001, 79, 2826-2828.	1.5	41
59	Detection of Majorana zero mode in the vortex. Npj Quantum Materials, 2017, 2, .	1.8	41
60	Tuning structures and electronic spectra of graphene layers with tilt grain boundaries. Physical Review B, 2014, 89, .	1.1	40
61	Quantum Size Effects Induced Novel Properties in Two-Dimensional Electronic Systems: Pb Thin Films on Si(111). Journal of the Physical Society of Japan, 2007, 76, 082001.	0.7	39
62	Multifunctional antiferromagnetic materials with giant piezomagnetism and noncollinear spin current. Nature Communications, 2021, 12, 2846.	5.8	38
63	Anomalous magnetoresistance oscillations and enhanced superconductivity in single-crystal Pb nanobelts. Applied Physics Letters, 2008, 92, 233119.	1.5	37
64	Selective adsorption and electronic interaction of F <sub>16</sub> CuP on epitaxial graphene. Physical Review B, 2010, 82, .	1.1	37
65	The fate of the 2 $\times$ 3 $\sqrt{3}$ silicene phase on Ag(111). APL Materials, 2014, 2, 092513.	2.2	37
66	Topologically nontrivial bismuth(111) thin films. Scientific Reports, 2016, 6, 21326.	1.6	35
67	Antiferromagnetic Order in Epitaxial FeSe Films on $\text{SrTiO}_3$ . Physical Review Letters, 2018, 120, 097001.	2.9	35
68	Scanning tunneling microscopy study of superlattice domain boundaries on graphite surface. Surface Science, 2003, 542, 94-100.	0.8	33
69	Modulating Resonance Modes and <i>Q</i> Value of a CdS Nanowire Cavity by Single Ag Nanoparticles. Nano Letters, 2011, 11, 4270-4274.	4.5	33
70	Identifying Magnetic Anisotropy of the Topological Surface State of $\text{CrSb}$ . Spin-Polarized STM. Physical Review Letters, 2013, 111, 176802.	2.9	33
71	Effect of sapphire substrate nitridation on the elimination of rotation domains in ZnO epitaxial films. Journal Physics D: Applied Physics, 2004, 37, 3058-3062.	1.3	32
72	Residual strain around a step edge of artificial Al <sub>2</sub> Si(111)-7 $\times$ 7 nanocluster. Applied Physics Letters, 2005, 87, 201908.	1.5	32

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73	Precise Control of $\pi$ -Electron Magnetism in Metal-Free Porphyrins. Journal of the American Chemical Society, 2020, 142, 18532-18540.	6.6	31
74	Evolution of the electronic structure in ultrathin Bi(111) films. Physical Review B, 2015, 91, .	1.1	29
75	Tailoring Phthalocyanine Metalation Reaction by Quantum Size Effect. Journal of the American Chemical Society, 2010, 132, 1456-1457.	6.6	28
76	Stanene: A good platform for topological insulator and topological superconductor. Frontiers of Physics, 2020, 15, 1.	2.4	28
77	Growth, stability and morphology evolution of Pb films on Si(111) prepared at low temperature. Surface Science, 2005, 596, L331-L338.	0.8	25
78	Interface structure of a topological insulator/superconductor heterostructure. New Journal of Physics, 2014, 16, 123043. Possible structural origin of superconductivity in Sr-doped $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \text{ mathvariant="normal"} \rangle \text{B} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \text{ mathvariant="normal"} \rangle \text{i} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \text{ mathvariant="normal"} \rangle \text{S} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \text{ mathvariant="normal"} \rangle \text{e} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \text{ mathvariant="normal"} \rangle \text{Sb} 1.95 \hat{\sim} \text{x Bi} \text{x Cr} 0.05 \text{Te} 3 \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \text{ mathvariant="normal"} \rangle \text{e}$	1.2	25
79	Interplay between quantum size effect and strain effect on growth of nanoscale metal thin films. Physical Review B, 2012, 86, .	0.9	23
80	Coulomb Sink: A Novel Coulomb Effect on Coarsening of Metal Nanoclusters on Semiconductor Surfaces. Physical Review Letters, 2004, 93, 106102.	1.1	22
81	Negative magnetoresistance in fractal Pb thin films on Si(111). Applied Physics Letters, 2007, 90, 113109.	2.9	21
82	Carriers dependence of the magnetic properties in magnetic topological insulator Sb <sub>1.95</sub> $\hat{\sim}$ xBi <sub>x</sub> Cr <sub>0.05</sub> Te <sub>3</sub> . Applied Physics Letters, 2012, 101, 072406.	1.5	21
83	Application of magnetic atom induced bound states in superconducting gap for chemical identification of single magnetic atoms. Applied Physics Letters, 2010, 96, .	1.5	20
84	Development of in situ two-coil mutual inductance technique in a multifunctional scanning tunneling microscope. Review of Scientific Instruments, 2017, 88, 073902.	0.6	20
85	Resolving Quinoid Structure in Poly( <i>para</i> -phenylene) Chains. Journal of the American Chemical Society, 2020, 142, 10034-10041.	6.6	20
86	Sierpiński Structure and Electronic Topology in Bi Thin Films on InSb(111)B Surfaces. Physical Review Letters, 2021, 126, 176102.	2.9	20
87	Visualizing ferromagnetic domains in magnetic topological insulators. APL Materials, 2015, 3, .	2.2	19
88	Spontaneous formation of Mn nanocluster arrays on a $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle \text{Si} \langle \text{mml:mtext} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 111 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \text{ mathvariant="normal"} \rangle \text{e}$ observed with STM. Physical Review B, 2008, 78, .	1.1	18
89	Wavevector-dependent quantum-size effect in electron decay length at Pb thin film surfaces. Applied Physics Letters, 2008, 93, 093105.	1.5	18
90			

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91	Scattering focusing and localized surface plasmons in a single Ag nanoring. Applied Physics Letters, 2010, 97, .	1.5	17
92	Development of micro-four-point probe in a scanning tunneling microscope for in situ electrical transport measurement. Review of Scientific Instruments, 2015, 86, 053903.	0.6	17
93	Wave-like superconducting state and electronic structure in $\text{Ir}_{1-x}\text{Pd}_x\text{Te}_2$ . Physical Review B, 2019, 100, 080501.	1.1	16
94	Magnetoresistance oscillations of ultrathin Pb bridges. Nano Research, 2009, 2, 671-677.	5.8	15
95	Superconductivity of Topological Surface States and Strong Proximity Effect in $\text{Sn}_{1-x}\text{Pb}_x\text{Te}/\text{Pb}$ Heterostructures. Advanced Materials, 2019, 31, 1905582.	11.1	15
96	Topological superconductivity in a $\text{Bi}_2\text{Te}_3/\text{NbSe}_2$ heterostructure: A review*. Chinese Physics B, 2019, 28, 067403.	0.7	15
97	A tunable and unidirectional one-dimensional electronic system $\text{Nb}_{2n+1}\text{S}_{n+1}\text{Te}_{4n+2}$ . Npj Quantum Materials, 2020, 5, .	1.8	15
98	Microstructural characterization of sulfur-doped $\text{Bi}_2\text{Te}_3$ crystals. Materials Characterization, 2016, 114, 172-178.	1.9	14
99	Majorana zero mode in the vortex of an artificial topological superconductor. Science China: Physics, Mechanics and Astronomy, 2017, 60, 1.	2.0	14
100	Orbit- and atom-resolved spin textures of intrinsic, extrinsic, and hybridized Dirac cone states. Physical Review B, 2014, 89, .	1.1	13
101	Strain in epitaxial high-index $\text{Bi}_2\text{Se}_3(221)$ films grown by molecular-beam epitaxy. Applied Surface Science, 2017, 396, 1825-1830.	3.1	13
102	Diamagnetic Response of Potassium-Adsorbed Multilayer FeSe Film. Physical Review Letters, 2019, 123, 257001.	2.9	13
103	Robust Hot Electron and Multiple Topological Insulator States in $\text{PtBi}_2$ . ACS Nano, 2020, 14, 2366-2372.	7.3	13
104	Fabricating artificial nanowells with tunable size and shape by using scanning tunneling microscopy. Applied Physics Letters, 2006, 89, 123111.	1.5	12
105	Strongly compressed $\text{Bi}(111)$ bilayer films on $\text{Bi}_2\text{Se}_3$ studied by scanning tunneling microscopy. Applied Physics Letters, 2015, 107, .	1.5	12
106	Diamagnetic response of a superconducting surface superstructure: $\text{Si}(111)$ - $\sqrt{7}\times\sqrt{7}$ - $2\text{Å}$ . Physical Review B, 2019, 99, .	1.1	12
107	Catalytic Growth of Ultralong Graphene Nanoribbons on Insulating Substrates. Advanced Materials, 2022, 34, e2200956.	11.1	12
108	Adhesion modulation by quantum size effects in $\text{Pb}/\text{Si}(111)$ system. Applied Physics Letters, 2006, 89, 183109.	1.5	11

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109	An unusual magnetoresistance effect in the heterojunction structure of an ultrathin single-crystal Pb film on silicon substrate. <i>Nanotechnology</i> , 2008, 19, 475708.	1.3	11
110	Zeeman effect of the topological surface states revealed by quantum oscillations up to 91 Tesla. <i>Physical Review B</i> , 2015, 92, .	1.1	11
111	Atomically flat superconducting NbN thin films grown on SrTiO <sub>3</sub> (111) by plasma-assisted MBE. <i>APL Materials</i> , 2017, 5, .	2.2	11
112	Coexistence of Robust Edge States and Superconductivity in Few-Layer Stanene. <i>Physical Review Letters</i> , 2022, 128, .	2.9	11
113	Sample-size dependence of the superconducting transition of ribbon-shaped Pb nanocrystals studied by scanning tunneling spectroscopy. <i>Physical Review B</i> , 2010, 81, .	1.1	10
114	Magnetic anisotropy of van der Waals absorbed iron(II) phthalocyanine layer on $\text{Bi}_2\text{Te}_3$ . <i>Physical Review B</i> , 2014, 90, .	1.1	10
115	Multiple In-Gap States Induced by Topological Surface States in the Superconducting Topological Crystalline Insulator Heterostructure $\text{Sn}_2\text{Te}_3$ . <i>Physical Review Letters</i> , 2020, 125, 136802.	2.9	10
116	Strain away. <i>Nature Physics</i> , 2014, 10, 247-248.	6.5	9
117	Vectorial mapping of noncollinear antiferromagnetic structure of semiconducting FeSe surface with spin-polarized scanning tunneling microscopy. <i>Applied Physics Letters</i> , 2016, 108, .	1.5	9
118	Coadsorption of carbon monoxide and oxygen on Pd(001)(2 $\times$ 2)-Mn: an oxidation pathway for CO <sub>2</sub> formation. <i>Surface Science</i> , 1994, 312, 167-173.	0.8	8
119	Defects analysis of Al/Si artificial nanocluster with moiré fringes. <i>Optics and Lasers in Engineering</i> , 2005, 43, 1071-1080.	2.0	8
120	STM and MBE: one of the best combinations. <i>Journal Physics D: Applied Physics</i> , 2011, 44, 464007.	1.3	8
121	Scanning tunneling microscopic investigation on morphology of magnetic Weyl semimetal YbMnBi <sub>2</sub> . <i>Chinese Physics B</i> , 2019, 28, 077302.	0.7	8
122	Molecular beam epitaxy of superconducting PdTe <sub>2</sub> films on topological insulator Bi <sub>2</sub> Te <sub>3</sub> . <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	2.0	8
123	Majorana zero mode in the vortex of artificial topological superconductor. <i>Journal of Applied Physics</i> , 2021, 129, .	1.1	8
124	Observation of Magnetism-Induced Topological Edge State in Antiferromagnetic Topological Insulator MnBi <sub>4</sub> Te <sub>7</sub> . <i>ACS Nano</i> , 2022, 16, 9810-9818.	7.3	8
125	Oxidation of ethylene on the ordered alloy surface Pd(001)(2 $\times$ 2)-Mn. <i>Surface Science</i> , 1995, 338, 69-76.	0.8	7
126	X-ray magnetic circular dichroism at L23 edge of Co nanoclusters on Si(111) surface. <i>Journal of Physics Condensed Matter</i> , 2004, 16, S5783-S5786.	0.7	7



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127	A study of the surface structure of deposited Au on Pb film. Journal of Physics Condensed Matter, 2007, 19, 136005.	0.7	7
128	Effect of nitrogen-vacancy complex defects on the electronic transport of carbon nanotube. Applied Physics Letters, 2009, 94, .	1.5	7
129	Activated dissociation of O <sub>2</sub> on Pb(111) surfaces by Pb adatoms. Physical Review B, 2009, 80, .	1.1	7
130	Gold adsorption induced surface alloying on Si(111)- $\sqrt{3}\times\sqrt{3}$ -Pb surface. Applied Physics Letters, 2009, 95, 193102.	1.5	7
131	Observation of Rashba splitting on reconstructed surface. Surface Science, 2013, 618, 115-119.	0.8	7
132	Formation mechanism of twin domain boundary in 2D materials: The case for WTe <sub>2</sub> . Nano Research, 2019, 12, 569-573.	5.8	7
133	Coexistence of Ferroelectric-like Polarization and Dirac-like Surface State in $\text{TaNiTe}$ . Physical Review Letters, 2022, 128, 106802.	2.9	7
134	Spontaneous assembly of perfectly ordered identical-size nanocluster arrays. Nanotechnology, 2002, 13, 736-740.	1.3	6
135	STM study of a rubrene monolayer on Bi(001): Structural modulations. Physical Review B, 2011, 83, .	1.1	6
136	Highly mobile carriers in a candidate of quasi-two-dimensional topological semimetal AuTe <sub>2</sub> Br. APL Materials, 2019, 7, 101110.	2.2	6
137	Self-Assembled Pb Nanostructures on Si(111) Surfaces: From Nanowires to Nanorings. Advanced Materials, 2009, 21, 4609-4613.	11.1	5
138	Ordered Au/Pb nanoring arrays on Pb-induced Si(111)- $1\times 1$ surface. Applied Physics Letters, 2009, 94, 063112.	1.5	5
139	Scanning tunneling microscopy observation of surface superstructures during the growth of In on In/Si(111) surface. Thin Solid Films, 2011, 520, 328-332.	0.8	5
140	On-Surface Synthesis of Iron Phthalocyanine Using Metal-Organic Coordination Templates. ChemPhysChem, 2019, 20, 2394-2397.	1.0	5
141	Moiré-pattern-modulated electronic structures in Sb <sub>2</sub> Te <sub>3</sub> /graphene heterostructure. Nano Research, 2022, 15, 1115-1119.	5.8	5
142	The influence of interband tunneling on leakage current in manganite/titanate heterojunction. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 4943-4946.	0.9	4
143	Ultrathin lead oxide film on Pb(111) and its application in single spin detection. Applied Physics Letters, 2009, 95, 063107.	1.5	4
144	Metastable Face-Centered Cubic Structure and Structural Transition of Sn on 2H-NbSe <sub>2</sub> (0001). Chinese Physics Letters, 2018, 35, 066802.	1.3	4

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145	Braiding Majorana zero mode in an electrically controllable way. Journal Physics D: Applied Physics, 2021, 54, 424003.	1.3	4
146	Spontaneous vacancy array formation on FeSi <sub>2</sub> and CoSi <sub>2</sub> formed on Si(100)-2×2 surface. Applied Physics Letters, 2002, 80, 1990-1992.	1.5	3
147	ENHANCEMENT OF SUPERCONDUCTIVITY OF Pb ULTRA-THIN FILMS BY THE INTERFACE EFFECT. Surface Review and Letters, 2010, 17, 437-440.	0.5	3
148	Doping nature of Cu in epitaxial topological insulator Bi <sub>2</sub> Te <sub>3</sub> thin films. Surface Science, 2013, 617, 156-161.	0.8	3
149	Electronic properties of aluminum/CdZnTe interfaces. Applied Physics Letters, 2013, 102, 211602.	1.5	3
150	Creating Majorana fermions in topological insulators. National Science Review, 2014, 1, 36-37.	4.6	3
151	Electronic structure of Ba (Zn <sub>0.875</sub> Mn <sub>0.125</sub> ) <sub>2</sub> As <sub>2</sub> . Applied Physics Letters, 2017, 111, .	1.5	3
152	Growth and structural characterisation of Sr-doped Bi <sub>2</sub> Se <sub>3</sub> thin films. Scientific Reports, 2018, 8, 2192.	1.6	3
153	Surface Structure and Reconstructions of HgTe (111) Surfaces. Chinese Physics Letters, 2018, 35, 026802.	1.3	3
154	Unusual self-assembly of chloroaluminium phthalocyanine on graphite. Surface Science, 2019, 681, 104-110.	0.8	3
155	One dimensional electronic states in mirror twin boundaries of Bi (111). Applied Surface Science, 2020, 512, 145644.	3.1	3
156	Coupling of superconductivity and Coulomb blockade in Sn nanoparticles. Nanotechnology, 2020, 31, 305708.	1.3	3
157	Influence of disorder on superconductivity in the Si(111)-7×7-In surface. Applied Physics Letters, 2020, 117, 172601.	1.5	3
158	Search for Majorana zero mode in the magnetic vortex of artificial topological superconductor. Wuli Xuebao/Acta Physica Sinica, 2019, 68, 137401.	0.2	3
159	Oxidation of carbon monoxide and ethylene on Pd(001)-C(2×2)Mn. Journal of Electron Spectroscopy and Related Phenomena, 1995, 76, 201-206.	0.8	2
160	Growth of single-domain monatomic In chain arrays on the vicinal Si(001) surface. Physica E: Low-Dimensional Systems and Nanostructures, 2005, 25, 660-667.	1.3	2
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