

# Taichi Okuda

## List of Publications by Year in descending order

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171  
papers

6,750  
citations

61977

43  
h-index

69246

77  
g-index

179  
all docs

179  
docs citations

179  
times ranked

7280  
citing authors

#	ARTICLE	IF	CITATIONS
1	Giant Rashba-type spin splitting in bulk BiTeI. Nature Materials, 2011, 10, 521-526.	27.5	711
2	Valley-dependent spin polarization in bulk MoS2 with broken inversion symmetry. Nature Nanotechnology, 2014, 9, 611-617.	31.5	374
3	Hexagonally Deformed Fermi Surface of the 3D Topological Insulator $\text{Bi}_2\text{Se}_3$ . Physical Review Letters, 2010, 105, 076802.	7.8	232
4	Experimental Realization of a Three-Dimensional Topological Insulator Phase in Ternary Chalcogenide $\text{TlBiSe}_2$ . Physical Review Letters, 2010, 105, 146801.	7.8	219
5	Experimental realization of two-dimensional Dirac nodal line fermions in monolayer $\text{Cu}_2\text{Si}$ . Nature Communications, 2017, 8, 1007.	12.8	219
6	Large Rashba spin splitting of a metallic surface-state band on a semiconductor surface. Nature Communications, 2010, 1, 17.	12.8	206
7	Multiple topological states in iron-based superconductors. Nature Physics, 2019, 15, 41-47.	16.7	170
8	Direct observation of spin-layer locking by local Rashba effect in monolayer semiconducting $\text{PtSe}_2$ film. Nature Communications, 2017, 8, 14216.	12.8	151
9	Direct mapping of the spin-filtered surface bands of a three-dimensional quantum spin Hall insulator. Physical Review B, 2010, 81, .	3.2	149
10	High quality atomically thin $\text{PtSe}_2$ films grown by molecular beam epitaxy. 2D Materials, 2017, 4, 045015.	4.4	142
11	Large-Gap Magnetic Topological Heterostructure Formed by Subsurface Incorporation of a Ferromagnetic Layer. Nano Letters, 2017, 17, 3493-3500.	9.1	129
12	Topologically protected surface states in a centrosymmetric superconductor $\hat{\text{I}}^2\text{-PdBi}_2$ . Nature Communications, 2015, 6, 8595.	12.8	113
13	Efficient spin resolved spectroscopy observation machine at Hiroshima Synchrotron Radiation Center. Review of Scientific Instruments, 2011, 82, 103302.	1.3	101
14	Experimental realization of type-II Weyl state in noncentrosymmetric $\text{TaIrTe}_4$ . Physical Review B, 2017, 95, .	7.8	101
15	Surface Scattering via Bulk Continuum States in the 3D Topological Insulator $\text{Bi}_2\text{Se}_3$ . Physical Review Letters, 2011, 107, 056803.	7.8	100
16	Layer-dependent quantum cooperation of electron and hole states in the anomalous semimetal $\text{WTe}_2$ . Nature Communications, 2016, 7, 10847.	12.8	96
17	A new spin-polarized photoemission spectrometer with very high efficiency and energy resolution. Review of Scientific Instruments, 2008, 79, 123117.	1.3	95
18	Discovery of 2D Anisotropic Dirac Cones. Advanced Materials, 2018, 30, 1704025.	21.0	91

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19	Experimental Verification of $\text{Bi}_2\text{Te}_3$ as a 3D Topological Insulator. <i>Physical Review Letters</i> , 2012, 108, 206803.	7.8	90
20	Photoemission study of the $\text{Si}(111)3\text{\AA}-1\text{-K}$ surface. <i>Physical Review B</i> , 1994, 50, 1725-1732.	3.2	87
21	Photoelectron Spin-Polarization Control in the Topological Insulator $\text{Bi}_2\text{Te}_3$ . <i>Physical Review Letters</i> , 2011, 107, 186801.	7.8	87
22	Topological Surface States with Persistent High Spin Polarization across the Dirac Point in $\text{Bi}_2\text{Te}_3$ . <i>Physical Review Letters</i> , 2011, 107, 186802.	7.8	84
23	Spin-Polarized Dirac Cone-Like Surface State with $\text{Bi}_2\text{Te}_3$ Character at $W(110)$ . <i>Physical Review Letters</i> , 2012, 108, 066808.	7.8	80
24	Radial Spin Texture in Elemental Tellurium with Chiral Crystal Structure. <i>Physical Review Letters</i> , 2020, 124, 136404.	7.8	76
25	Discovery of Weyl Nodal Lines in a Single-Layer Ferromagnet. <i>Physical Review Letters</i> , 2019, 123, 116401.	7.8	70
26	Nature of the Dirac gap modulation and surface magnetic interaction in axion antiferromagnetic topological insulator $\text{MnBi}_2\text{Te}_4$ . <i>Scientific Reports</i> , 2020, 10, 13226.	3.3	62
27	Surface and bulk core level shifts of the $\text{Si}(111) 3\text{\AA}-1\text{-Na}$ and $\text{Si}(111) 7\text{\AA}-7\text{-Na}$ surfaces. <i>Surface Science</i> , 1994, 321, 105-110.	1.9	61
28	Quasiparticle interference on the surface of $\text{Bi}_2\text{Se}_3$ . <i>Physical Review B</i> , 2012, 85, .	3.2	61
29	Electronic evidence of asymmetry in the $\text{Si}(111)3\text{\AA}-3\text{\AA}\text{-Ag}$ structure. <i>Physical Review B</i> , 2003, 68, .	3.2	59
30	Spin Polarization of Quantum Well States in Ag Films Induced by the Rashba Effect at the Surface. <i>Physical Review Letters</i> , 2008, 101, 107604.	7.8	57
31	Topological metal at the surface of an ultrathin $\text{Bi}_2\text{Te}_3$ film. <i>Physical Review B</i> , 2010, 81, .	3.2	57
32	Spin-polarized Weyl cones and giant anomalous Nernst effect in ferromagnetic Heusler films. <i>Communications Materials</i> , 2020, 1, .	6.9	57
33	Development and Application of Multiple-Probe Scanning Probe Microscopes. <i>Advanced Materials</i> , 2012, 24, 1675-1692.	21.0	56
34	Large out-of-plane spin polarization in a spin-splitting one-dimensional metallic surface state on $\text{Si}(557)\text{-Au}$ . <i>Physical Review B</i> , 2010, 82, .	3.2	55
35	Spin- and Angle-Resolved Photoemission of Strongly Spin-Orbit Coupled Systems. <i>Journal of the Physical Society of Japan</i> , 2013, 82, 021002.	1.6	54
36	Evolution of Fermi surface by electron filling into a free-electronlike surface state. <i>Physical Review B</i> , 2005, 71, .	3.2	53

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37	Observation of a highly spin-polarized topological surface state in $\text{GeBiTe}_2$ . Physical Review B, 2012, 86, .	3.2	52
38	Direct evidence of hidden local spin polarization in a centrosymmetric superconductor $\text{LaO}_{0.55}\text{FO}_{0.45}\text{BiS}_2$ . Nature Communications, 2017, 8, 1919.	12.8	52
39	Distinct Topological Surface States on the Two Terminations of $\text{MnBi}$ . Physical Review X, 2020, 10, .	8.9	52
40	Angle-resolved photoelectron spectroscopy of the $\text{Si}(111)3\text{\AA}-1\text{-Na}$ surface. Physical Review B, 1997, 55, 6762-6765.	3.2	47
41	Exceptional behavior of d-like surface resonances on $\text{W}(110)$ : the one-step model in its density matrix formulation. New Journal of Physics, 2014, 16, 015005.	2.9	47
42	Fabrication of a novel magnetic topological heterostructure and temperature evolution of its massive Dirac cone. Nature Communications, 2020, 11, 4821.	12.8	47
43	Surface Kondo effect and non-trivial metallic state of the Kondo insulator $\text{YbB}_{12}$ . Nature Communications, 2016, 7, 12690.	12.8	44
44	Crossover from 2D metal to 3D Dirac semimetal in metallic $\text{PtTe}_2$ films with local Rashba effect. Science Bulletin, 2019, 64, 1044-1048.	9.0	44
45	Massless or heavy due to two-fold symmetry: Surface-state electrons at $\text{W}(110)$ . Physical Review B, 2012, 86, .	3.2	43
46	A double VLEED spin detector for high-resolution three dimensional spin vectorial analysis of anisotropic Rashba spin splitting. Journal of Electron Spectroscopy and Related Phenomena, 2015, 201, 23-29.	1.7	42
47	Observation of the spin-polarized surface state in a noncentrosymmetric superconductor $\text{BiPd}$ . Nature Communications, 2016, 7, 13315.	12.8	42
48	Nanoscale Chemical Imaging by Scanning Tunneling Microscopy Assisted by Synchrotron Radiation. Physical Review Letters, 2009, 102, 105503.	7.8	41
49	Spin-polarized semiconductor surface states localized in subsurface layers. Physical Review B, 2010, 82, .	3.2	39
50	Three-dimensional spin orientation in antiferromagnetic domain walls of $\text{NiO}$ studied by x-ray magnetic linear dichroism photoemission electron microscopy. Physical Review B, 2012, 85, .	3.2	39
51	Experimental Evidence of Hidden Topological Surface States in $\text{PbBiTe}_4$ . Physical Review Letters, 2013, 111, 206803.	7.8	39
52	Element specific imaging by scanning tunneling microscopy combined with synchrotron radiation light. Applied Physics Letters, 2006, 89, 243119.	3.3	34
53	New soft X-ray beamline BL07LSU for long undulator of SPring-8: Design and status. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 649, 58-60.	1.6	33
54	Surface electronic structure of ordered alkali- and noble metal-overlayers on $\text{Si}(111)$ . Applied Surface Science, 1997, 121-122, 89-97.	6.1	32

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55	Electronic properties of candidate type-II Weyl semimetal $WTe_2$ . A review perspective. <i>Electronic Structure</i> , 2019, 1, 014003.	2.8	32
56	Experimental surface-state band structure of the Ba-induced $Si(111)3\text{\AA}-1$ surface. <i>Physical Review B</i> , 2001, 64, .	3.2	31
57	Antiferromagnetic Domain Structure Imaging of Cleaved $NiO(100)$ Surface Using Nonmagnetic Linear Dichroism at O K Edge: Essential Effect of Antiferromagnetic Crystal Distortion. <i>Journal of the Physical Society of Japan</i> , 2004, 73, 2932-2935.	1.6	31
58	Lifshitz transition and Van Hove singularity in a three-dimensional topological Dirac semimetal. <i>Physical Review B</i> , 2015, 92, .	3.2	31
59	Tuning of magnetic and transport properties in $Bi_2Te_3$ by divalent Fe doping. <i>Physical Review B</i> , 2013, 87, .	3.2	30
60	Cubic Rashba Effect in the Surface Spin Structure of Rare-Earth Ternary Materials. <i>Physical Review Letters</i> , 2020, 124, 237202.	7.8	30
61	Surface core level shifts of the Au adsorbed $Si(111)$ reconstructed surfaces. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1996, 80, 229-232.	1.7	29
62	Orbital-symmetry-selective spin characterization of Dirac-cone-like state on $W(110)$ . <i>Physical Review B</i> , 2016, 93, .	3.2	29
63	Spin-Polarized Angle-Resolved Photoelectron Spectroscopy of the So-Predicted Kondo Topological Insulator $Sb_2Te_3$ . <i>Journal of the Physical Society of Japan</i> , 2014, 83, 014705.	1.6	28
64	Development and trial measurement of synchrotron-radiation-light-illuminated scanning tunneling microscope. <i>Review of Scientific Instruments</i> , 2004, 75, 2149-2153.	1.3	27
65	Negative spin polarization at the Fermi level in $Fe_4N$ epitaxial films by spin-resolved photoelectron spectroscopy. <i>Journal of Applied Physics</i> , 2012, 112, .	2.5	27
66	Realization of a tunable surface Dirac gap in Sb-doped $MnBi_2Te_4$ . <i>Physical Review B</i> , 2021, 103, .	3.2	27
67	Direct Spectroscopic Evidence of Spin-Dependent Hybridization between Rashba-Split Surface States and Quantum-Well States. <i>Physical Review Letters</i> , 2010, 104, 156805.	7.8	26
68	Recent trends in spin-resolved photoelectron spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 483001.	1.8	26
69	Fabrication of a glass-coated metal tip for synchrotron-radiation-light-irradiated scanning tunneling microscopy. <i>Review of Scientific Instruments</i> , 2005, 76, 083711.	1.3	24
70	Experimental verification of the surface termination in the topological insulator $TlBiSe_2$ using core-level photoelectron spectroscopy and scanning tunneling microscopy. <i>Physical Review B</i> , 2013, 88, .	3.2	24
71	Spectroscopy Studies of Temperature-Induced Valence Transition on $EuNi_2(Si_{1-x}Ge_x)_2$ around $Eu\ 3d^{4f}$ , $4d^{4f}$ and $Ni\ 2p^{3d}$ Excitation Regions. <i>Journal of the Physical Society of Japan</i> , 2002, 71, 148-155.	1.6	23
72	Alkali metal-induced $Si(111)$ structure: The Na case. <i>Surface Science</i> , 2005, 590, 162-172.	1.9	23

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73	Linear and circular dichroism in photoemission angular distribution from the valence band of $1T\bar{d}TaS_2$ . <i>Physical Review B</i> , 1997, 56, 7687-7693.	3.2	22
74	Structural analysis of Ba-induced surface reconstruction on $Si(111)$ by means of core-level photoemission. <i>Physical Review B</i> , 2005, 71, .	3.2	22
75	Atomic and electronic structure of $Tl\bar{d}Ge(111)\bar{d}^{\sim}(1\bar{A}-1)$ : LEED and ARPES measurements and first-principles calculations. <i>Physical Review B</i> , 2007, 76, .	3.2	22
76	Non-trivial surface states of samarium hexaboride at the (111) surface. <i>Nature Communications</i> , 2019, 10, 2298.	12.8	22
77	Tunneling current modulation in atomically precise graphene nanoribbon heterojunctions. <i>Nature Communications</i> , 2021, 12, 2542.	12.8	22
78	Unoccupied topological surface state in $Bi_2Te_3$ . <i>Physical Review B</i> , 2013, 88, .	3.2	21
79	Tunable spin current due to bulk insulating property in the topological insulator $Tl_2Bi_2-xSe_3$ . <i>Physical Review B</i> , 2015, 91, .	3.2	20
80	Band structure of $Tl/Ge(111)\bar{d}^{\sim}(3\bar{A}-1)$ : Angle-resolved photoemission and first-principles prediction of giant Rashba effect. <i>Physical Review B</i> , 2008, 77, .	3.2	19
81	Exchange splitting of the three $\bar{d}$ surface states of $Ni(111)$ from three-dimensional spin- and angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2009, 80, .	3.2	19
82	Tunable spin helical Dirac quasiparticles on the surface of three-dimensional HgTe. <i>Physical Review B</i> , 2015, 92, .	3.2	19
83	Switching of band inversion and topological surface states by charge density wave. <i>Nature Communications</i> , 2020, 11, 2466.	12.8	19
84	Hidden surface states on pristine and H-passivated $Ni(111)$ : Angle-resolved photoemission and density-functional calculations. <i>Physical Review B</i> , 2008, 77, .	3.2	18
85	Direct observation of the spin polarization in Au atomic wires on $Si(553)$ . <i>New Journal of Physics</i> , 2014, 16, 093030.	2.9	18
86	Surface states of a Pd monolayer formed on a $Au(111)$ surface studied by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2006, 74, .	3.2	17
87	Experimental observation of node-line-like surface states in $LaBi$ . <i>Physical Review B</i> , 2018, 97, .	3.2	17
88	Angle-resolved photoemission study of $MxTiS_2$ ( $M=Mn, Fe, Co, Ni; x=.$ ). <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1996, 78, 477-480.	1.7	16
89	Substrate dependence of anisotropic electronic structure in $Ag(111)$ quantum film studied by angle-resolved photoelectron spectroscopy. <i>Physical Review B</i> , 2009, 80, .	3.2	16
90	Spin polarization of surface states on $W(110)$ : Combined influence of spin-orbit interaction and hybridization. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2015, 201, 53-59.	1.7	15

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91	Circular-polarized-light-induced spin polarization characterized for the Dirac-cone surface state at W(110) with C <sub>2v</sub> symmetry. Scientific Reports, 2018, 8, 10440.	3.3	15
92	Electronic and spin structure of the wide-band-gap topological insulator: Nearly stoichiometric Bi <sub>2</sub> Te <sub>2</sub> S. Physical Review B, 2018, 97, .	3.2	15
93	Topologically Nontrivial Phase-Change Compound GeSb <sub>2</sub> Te <sub>4</sub> . ACS Nano, 2020, 14, 9059-9065.	14.6	15
94	Deduction of atomic orbitals in a valence band by two-dimensional angular distribution of photoelectrons. Surface Science, 1999, 438, 214-222.	1.9	14
95	Robust Spin Polarization and Spin Textures on Stepped Au(111) Surfaces. Physical Review Letters, 2010, 104, 187602.	7.8	14
96	A general route to form topologically-protected surface and bulk Dirac fermions along high-symmetry lines. Electronic Structure, 2019, 1, 014002.	2.8	14
97	Weyl-like points from band inversions of spin-polarised surface states in NbGeSb. Nature Communications, 2019, 10, 5485.	12.8	14
98	Reflectivity and Sherman Maps of Passivated Fe(001): Working Points for a Display-Type Spin-Polarization Analyzer. Physical Review Applied, 2014, 1, .	3.8	13
99	Photoelectron spin polarization in the topological insulator: Initial- and final-state effects in the photoemission process. Physical Review B, 2016, 93, .	3.2	13
100	Observation of Micro-Magnetic Structures by Synchrotron Radiation Photoelectron Emission Microscopy. Journal of the Physical Society of Japan, 2013, 82, 021005.	1.6	12
101	Adsorbate doping of MoS <sub>2</sub> and WSe <sub>2</sub> : the influence of Na and Co. Journal of Physics Condensed Matter, 2017, 29, 285501.	1.8	12
102	Observation of Spin-Momentum-Layer Locking in a Centrosymmetric Crystal. Physical Review Letters, 2021, 127, 126402.	7.8	12
103	.RAD.21* .RAD.21 phase formed by Na adsorption on Si(111).RAD.3* .RAD.3-Ag and its electronic structure. E-Journal of Surface Science and Nanotechnology, 2005, 3, 107-112.	0.4	12
104	High efficiency and high energy-resolution spin-polarized photoemission spectrometer. European Physical Journal: Special Topics, 2009, 169, 181-185.	2.6	11
105	Status of pump-probe time-resolved photoemission electron microscopy at SPring-8. Journal of Electron Spectroscopy and Related Phenomena, 2012, 185, 389-394.	1.7	11
106	The gigantic Rashba effect of surface states energetically buried in the topological insulator Bi <sub>2</sub> Te <sub>2</sub> Se. New Journal of Physics, 2014, 16, 065016.	2.9	11
107	Location of the valence band maximum in the band structure of anisotropic topological insulator Bi <sub>2</sub> Te <sub>2</sub> Se. Physical Review B, 2018, 97, .	3.2	11
108	Kagome-like structure of germanene on Al(111). Physical Review B, 2021, 104, .	3.2	11

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109	Core-level photoemission of the Si(111)-Ag surface using synchrotron radiation. Applied Surface Science, 2002, 190, 121-128.	6.1	10
110	Si(111)- $\sqrt{21}\times\sqrt{21}$ -(Ag+Cs) Surface Studied by Scanning Tunneling Microscopy and Angle-Resolved Photoemission Spectroscopy. Japanese Journal of Applied Physics, 2003, 42, 4659-4662.	1.5	10
111	Complete Assignment of Spin Domains in Antiferromagnetic NiO(100) by Photoemission Electron Microscopy and Cluster Model Calculation. Journal of the Physical Society of Japan, 2010, 79, 013703.	1.6	10
112	Spin-polarized surface bands of a three-dimensional topological insulator studied by high-resolution spin- and angle-resolved photoemission spectroscopy. New Journal of Physics, 2010, 12, 065011.	2.9	10
113	Observation of Peculiar Rashba-Type Spin-Split Band on Bi(111) Surface by High-Resolution Spin- and Angle-Resolved Photoemission Spectroscopy. E-Journal of Surface Science and Nanotechnology, 2012, 10, 153-156.	0.4	10
114	Symmetry analysis of the Fermi surface of Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> by display analyzer. Journal of Electron Spectroscopy and Related Phenomena, 1998, 88-91, 489-493.	1.7	9
115	Atomic and electronic structures of Si(111)-1 $\times$ 1-Sb surface: core-level shifts and surface states. Surface Science, 2002, 513, 49-56.	1.9	9
116	Scanning tunnelling microscope combined with synchrotron radiation for element specific analysis. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 1157-1161.	1.7	9
117	Dynamics of Magnetostatically Coupled Vortices Observed by Time-Resolved Photoemission Electron Microscopy. Japanese Journal of Applied Physics, 2011, 50, 053001.	1.5	9
118	Perpendicular magnetic anisotropy with enhanced orbital moments of Fe adatoms on a topological surface of Bi <sub>2</sub> Se <sub>3</sub> . Journal of Physics Condensed Matter, 2013, 25, 232201.	1.8	9
119	Fermi surface of Sr <sub>2</sub> RuO <sub>4</sub> studied by two-dimensional angle resolved photoelectron spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 1998, 88-91, 473-477.	1.7	8
120	Two-dimensional angle-resolved resonance photoelectron spectroscopy of 1T-TaS <sub>2</sub> . Journal of Electron Spectroscopy and Related Phenomena, 1998, 88-91, 287-292.	1.7	8
121	Quantum-Size Effect in Uniform Ge <sub>1-x</sub> Sn <sub>x</sub> Alloy Nanodots Observed by Photoemission Spectroscopy. Japanese Journal of Applied Physics, 2007, 46, L1176.	1.5	8
122	Surface antiferromagnetic domain structures of NiO (001) studied using UV photoemission electron microscope. Surface Science, 2007, 601, 4686-4689.	1.9	8
123	Magnetic Domain Imaging of Ni Micro Ring and Micro Dot array by Photoelectron Emission Microscopy. Japanese Journal of Applied Physics, 2004, 43, 4179-4184.	1.5	7
124	Direct observation of spin configuration in an exchange coupled Fe/NiO(100) system by x-ray magnetic circular- and linear- dichroism photoemission electron microscope. Journal of Applied Physics, 2011, 110, 084306.	2.5	7
125	Anisotropic electronic conduction in metal nanofilms grown on a one-dimensional surface superstructure. Physical Review B, 2014, 89, .	3.2	7
126	Spin-orbit influence on d <sub>2</sub> -type surface state at Ta(110). Physical Review B, 2015, 92, .	3.2	7



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127	Profiling spin and orbital texture of a topological insulator in full momentum space. Physical Review B, 2021, 103, .	3.2	7
128	Two-dimensional band mapping of 2H-TaSe <sub>2</sub> using a display-type photoelectron spectrometer. Journal of Electron Spectroscopy and Related Phenomena, 1999, 101-103, 355-360.	1.7	6
129	Exchange coupling and spin structure in cobalt-on-chromia thin films. Europhysics Letters, 2016, 115, 17003.	2.0	6
130	Peculiar Rashba spin texture induced by C <sub>3v</sub> symmetry on the Bi(111) surface revisited. Physical Review B, 2018, 97, .	3.2	6
131	Probe-dependent Dirac-point gap in the gadolinium-doped thallium-based topological insulator TlBi <sub>0.9</sub> Gd <sub>0.1</sub> Se <sub>2</sub> . Physical Review B, 2020, 102, .	3.2	6
132	Spectroscopic evidence of quasi-one-dimensional metallic Rashba spin-split states on the Si(111)5 $\sqrt{3}$ $\times$ 2 surface. Physical Review B, 2020, 101, .	3.2	6
133	Two-dimensional angular distribution of photoemission spectra from the valence band of 1T-TaS <sub>2</sub> . Journal of Electron Spectroscopy and Related Phenomena, 1996, 78, 489-492.	1.7	5
134	DOMAIN IMAGING OF MESOSCOPIC MAGNETIC STRUCTURES BY PHOTOELECTRON EMISSION MICROSCOPY. Surface Review and Letters, 2002, 09, 365-369.	1.1	5
135	Enhanced silicon oxidation on titanium-covered Si(001). Journal of Physics Condensed Matter, 2011, 23, 305001.	1.8	5
136	Experimental Observation and Spin Texture of Dirac Node Arcs in Tetradymite Topological Metals. Physical Review Letters, 2021, 126, 196407.	7.8	5
137	Enhanced surface state protection and band gap in the topological insulator $\text{PbBi}_4\text{Te}_4\text{S}_3$ . Experimental verification of a temperature-induced topological phase transition in $\text{PbBi}_4\text{Te}_4\text{S}_3$ .	2.4	5
138	Experimental verification of a temperature-induced topological phase transition in $\text{TlBi}_2\text{S}_2$ and $\text{TlBi}_2\text{Te}_2$ . Physical Review B, 2020, 102, .	3.2	5
139	Unusual two-dimensional angular distribution of photoelectrons of kish graphite and 1T-TaS <sub>2</sub> . Solid State Communications, 1996, 98, 671-675.	1.9	4
140	ELECTRONIC STRUCTURE OF Ag THIN FILMS ON A Ge(001) SURFACE. Surface Review and Letters, 2002, 09, 681-686.	1.1	4
141	Antiferromagnetic domain modulation of NiO(100) induced by thickness-dependent interfacial coupling with Cr overlayer. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 753-756.	1.7	4
142	Spin reorientation at the interface of Fe/NiO(001). Journal of Electron Spectroscopy and Related Phenomena, 2007, 156-158, 482-485.	1.7	4
143	Direct observation of twin domains of NiO(100) by x-ray linear dichroism at the O $\text{K}$ edge using photoemission electron microscopy. Physical Review B, 2012, 85, .	3.2	4
144	Quasi-Periodic Variably Polarizing Undulator at HiSOR. Journal of Physics: Conference Series, 2013, 425, 032009.	0.4	4

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145	Disentangling orbital and spin textures of surface-derived states in non-symmorphic semimetal HfSiS. <i>Physical Review B</i> , 2019, 100, .	3.2	4
146	Symmetry Analysis of the Fermi Surface States of Sr <sub>2</sub> RuO <sub>4</sub> by Display-Type Photoelectron Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 1999, 68, 1398-1403.	1.6	4
147	Temperature-Induced Valence Transition of EuNi <sub>2</sub> (Si <sub>0.25</sub> Ge <sub>0.75</sub> ) <sub>2</sub> Studied by Eu 4d $\epsilon$ 4f Resonant Photoemission and Optical Conductivity. <i>Journal of the Physical Society of Japan</i> , 2002, 71, 255-257.	1.6	3
148	Surface electronic structure of the (3 $\text{\AA}$ -2) reconstruction induced by Yb on a Si(111) surface. <i>Applied Surface Science</i> , 2006, 252, 5292-5295.	6.1	3
149	Electronic structure of dysprosium silicide films grown on a Si(111) surface. <i>Applied Surface Science</i> , 2009, 256, 1156-1159.	6.1	3
150	Surface states band structure of Gd-induced one-dimensional chain structure on Si(111) surface measured by angle-resolved photoelectron spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2004, 137-140, 125-129.	1.7	2
151	One-dimensional electronic structure of the Sb-decorated Si(113)2 $\text{\AA}$ -2 surface. <i>Surface Science</i> , 2005, 583, 199-204.	1.9	2
152	Enhancement of electron correlation in Co thin clusters grown on S $\hat{c}$ GaAs(001). <i>Physical Review B</i> , 2006, 73, .	3.2	2
153	Weak Electron Correlation Effects Observed in Angle-Resolved Photoemission Spectra of MnSi(100). <i>Journal of the Physical Society of Japan</i> , 2008, 77, 024709.	1.6	2
154	Development of a Scanning Tunneling Microscope Combined with a Synchrotron Radiation Light Source. <i>Hyomen Kagaku</i> , 2005, 26, 752-756.	0.0	2
155	Rashba-type splitting of the Au(110) surface state: A combined inverse and direct photoemission study. <i>Physical Review B</i> , 2021, 104, .	3.2	2
156	Observation of Magnetic Domain Structure of Micro Magnetic Materials and Magnetic Thin Films by Photoemission Electron Microscope (PEEM). <i>Hyomen Kagaku</i> , 2005, 26, 19-27.	0.0	2
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