

Taichi Okuda

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166 papers	5,248 citations	37 h-index	67 g-index
179 ext. papers	6,098 ext. citations	5.1 avg, IF	5.02 L-index

#	Paper	IF	Citations
166	Giant Rashba-type spin splitting in bulk BiTeI. <i>Nature Materials</i> , 2011 , 10, 521-6	27	569
165	Valley-dependent spin polarization in bulk MoS2 with broken inversion symmetry. <i>Nature Nanotechnology</i> , 2014 , 9, 611-7	28.7	306
164	Hexagonally deformed Fermi surface of the 3D topological insulator Bi2Se3. <i>Physical Review Letters</i> , 2010 , 105, 076802	7.4	207
163	Large Rashba spin splitting of a metallic surface-state band on a semiconductor surface. <i>Nature Communications</i> , 2010 , 1, 17	17.4	181
162	Experimental realization of a three-dimensional topological insulator phase in ternary chalcogenide TlBiSe ₂ . <i>Physical Review Letters</i> , 2010 , 105, 146801	7.4	180
161	Direct mapping of the spin-filtered surface bands of a three-dimensional quantum spin Hall insulator. <i>Physical Review B</i> , 2010 , 81,	3.3	141
160	Experimental realization of two-dimensional Dirac nodal line fermions in monolayer CuSi. <i>Nature Communications</i> , 2017 , 8, 1007	17.4	138
159	High quality atomically thin PtSe ₂ films grown by molecular beam epitaxy. <i>2D Materials</i> , 2017 , 4, 045015	5.9	113
158	Direct observation of spin-layer locking by local Rashba effect in monolayer semiconducting PtSe film. <i>Nature Communications</i> , 2017 , 8, 14216	17.4	110
157	Multiple topological states in iron-based superconductors. <i>Nature Physics</i> , 2019 , 15, 41-47	16.2	96
156	Large-Gap Magnetic Topological Heterostructure Formed by Subsurface Incorporation of a Ferromagnetic Layer. <i>Nano Letters</i> , 2017 , 17, 3493-3500	11.5	93
155	Surface scattering via bulk continuum states in the 3D topological insulator Bi2Se3. <i>Physical Review Letters</i> , 2011 , 107, 056803	7.4	91
154	Efficient spin resolved spectroscopy observation machine at Hiroshima Synchrotron Radiation Center. <i>Review of Scientific Instruments</i> , 2011 , 82, 103302	1.7	88
153	Photoemission study of the Si(111)3 x 1-K surface. <i>Physical Review B</i> , 1994 , 50, 1725-1732	3.3	85
152	A new spin-polarized photoemission spectrometer with very high efficiency and energy resolution. <i>Review of Scientific Instruments</i> , 2008 , 79, 123117	1.7	82
151	Topologically protected surface states in a centrosymmetric superconductor EPdBi2. <i>Nature Communications</i> , 2015 , 6, 8595	17.4	81
150	Topological surface states with persistent high spin polarization across the Dirac point in Bi2Te2Se and Bi2Se2Te. <i>Physical Review Letters</i> , 2012 , 109, 166802	7.4	77

149	Layer-dependent quantum cooperation of electron and hole states in the anomalous semimetal WTe ₂ . <i>Nature Communications</i> , 2016 , 7, 10847	17.4	75
148	Photoelectron spin-polarization control in the topological insulator Bi ₂ Se ₃ . <i>Physical Review Letters</i> , 2014 , 112, 076802	7.4	74
147	Spin-polarized Dirac-cone-like surface state with d character at W(110). <i>Physical Review Letters</i> , 2012 , 108, 066808	7.4	72
146	Experimental verification of PbBi ₂ Te ₄ as a 3D topological insulator. <i>Physical Review Letters</i> , 2012 , 108, 206803	7.4	69
145	Experimental realization of type-II Weyl state in noncentrosymmetric TaIrTe ₄ . <i>Physical Review B</i> , 2017 , 95,	3.3	68
144	Discovery of 2D Anisotropic Dirac Cones. <i>Advanced Materials</i> , 2018 , 30, 1704025	24	62
143	Surface and bulk core level shifts of the Si(111) 3×3-Na and Si(111) √7×√7-Na surfaces. <i>Surface Science</i> , 1994 , 321, 105-110	1.8	59
142	Electronic evidence of asymmetry in the Si(111)3×3-Ag structure. <i>Physical Review B</i> , 2003 , 68,	3.3	56
141	Quasiparticle interference on the surface of Bi ₂ Se ₃ induced by cobalt adatom in the absence of ferromagnetic ordering. <i>Physical Review B</i> , 2012 , 85,	3.3	54
140	Large out-of-plane spin polarization in a spin-splitting one-dimensional metallic surface state on Si(557)-Au. <i>Physical Review B</i> , 2010 , 82,	3.3	52
139	Evolution of Fermi surface by electron filling into a free-electronlike surface state. <i>Physical Review B</i> , 2005 , 71,	3.3	51
138	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	7.4	50
137	Development and application of multiple-probe scanning probe microscopes. <i>Advanced Materials</i> , 2012 , 24, 1675-92	24	47
136	Topological metal at the surface of an ultrathin Bi _{1-x} Sb _x alloy film. <i>Physical Review B</i> , 2010 , 81,	3.3	47
135	Spin- and Angle-Resolved Photoemission of Strongly Spin-Orbit Coupled Systems. <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 021002	1.5	45
134	Angle-resolved photoelectron spectroscopy of the Si(111)3×3-Na surface. <i>Physical Review B</i> , 1997 , 55, 6762-6765	3.3	45
133	Exceptional behavior of d-like surface resonances on W(110): the one-step model in its density matrix formulation. <i>New Journal of Physics</i> , 2014 , 16, 015005	2.9	44
132	Massless or heavy due to two-fold symmetry: Surface-state electrons at W(110). <i>Physical Review B</i> , 2012 , 86,	3.3	38

131	Discovery of Weyl Nodal Lines in a Single-Layer Ferromagnet. <i>Physical Review Letters</i> , 2019 , 123, 116401	7.4	37
130	Observation of a highly spin-polarized topological surface state in GeBi ₂ Te ₄ . <i>Physical Review B</i> , 2012 , 86,	3.3	37
129	A double VLEED spin detector for high-resolution three dimensional spin vectorial analysis of anisotropic Rashba spin splitting. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2015 , 201, 23-29	1.7	33
128	Observation of the spin-polarized surface state in a noncentrosymmetric superconductor BiPd. <i>Nature Communications</i> , 2016 , 7, 13315	17.4	33
127	Experimental evidence of hidden topological surface states in PbBi ₄ Te ₇ . <i>Physical Review Letters</i> , 2013 , 111, 206803	7.4	33
126	Spin-polarized semiconductor surface states localized in subsurface layers. <i>Physical Review B</i> , 2010 , 82,	3.3	33
125	Nanoscale chemical imaging by scanning tunneling microscopy assisted by synchrotron radiation. <i>Physical Review Letters</i> , 2009 , 102, 105503	7.4	33
124	Element specific imaging by scanning tunneling microscopy combined with synchrotron radiation light. <i>Applied Physics Letters</i> , 2006 , 89, 243119	3.4	33
123	Surface electronic structure of ordered alkali- and noble metal-overlayers on Si(111). <i>Applied Surface Science</i> , 1997 , 121-122, 89-97	6.7	31
122	New soft X-ray beamline BL07LSU for long undulator of SPring-8: Design and status. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 649, 58-60	1.2	30
121	Three-dimensional spin orientation in antiferromagnetic domain walls of NiO studied by x-ray magnetic linear dichroism photoemission electron microscopy. <i>Physical Review B</i> , 2012 , 85,	3.3	30
120	Experimental surface-state band structure of the Ba-induced Si(111)3 \times 1 surface. <i>Physical Review B</i> , 2001 , 64,	3.3	30
119	Crossover from 2D metal to 3D Dirac semimetal in metallic PtTe ₂ films with local Rashba effect. <i>Science Bulletin</i> , 2019 , 64, 1044-1048	10.6	29
118	Direct evidence of hidden local spin polarization in a centrosymmetric superconductor LaO FBiS. <i>Nature Communications</i> , 2017 , 8, 1919	17.4	29
117	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
116	Lifshitz transition and Van Hove singularity in a three-dimensional topological Dirac semimetal. <i>Physical Review B</i> , 2015 , 92,	3.3	28
115	Radial Spin Texture in Elemental Tellurium with Chiral Crystal Structure. <i>Physical Review Letters</i> , 2020 , 124, 136404	7.4	27
114	Surface Kondo effect and non-trivial metallic state of the Kondo insulator YbB ₁₂ . <i>Nature Communications</i> , 2016 , 7, 12690	17.4	26

113	Development and trial measurement of synchrotron-radiation-light-illuminated scanning tunneling microscope. <i>Review of Scientific Instruments</i> , 2004 , 75, 2149-2153	1.7	26
112	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	1.5	26
111	Orbital-symmetry-selective spin characterization of Dirac-cone-like state on W(110). <i>Physical Review B</i> , 2016 , 93,	3.3	25
110	Negative spin polarization at the Fermi level in Fe4N epitaxial films by spin-resolved photoelectron spectroscopy. <i>Journal of Applied Physics</i> , 2012 , 112, 013911	2.5	25
109	Spin-Polarized Angle-Resolved Photoelectron Spectroscopy of the So-Predicted Kondo Topological Insulator Sb ₂ Te ₃ . <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 014705	1.5	24
108	Fabrication of a glass-coated metal tip for synchrotron-radiation-light-irradiated scanning tunneling microscopy. <i>Review of Scientific Instruments</i> , 2005 , 76, 083711	1.7	24
107	Distinct Topological Surface States on the Two Terminations of MnBi ₄ Te ₇ . <i>Physical Review X</i> , 2020 , 10,	9.1	23
106	Nature of the Dirac gap modulation and surface magnetic interaction in axion antiferromagnetic topological insulator [Formula: see text]. <i>Scientific Reports</i> , 2020 , 10, 13226	4.9	23
105	Direct spectroscopic evidence of spin-dependent hybridization between Rashba-split surface states and quantum-well states. <i>Physical Review Letters</i> , 2010 , 104, 156805	7.4	22
104	Tuning of magnetic and transport properties in Bi ₂ Te ₃ by divalent Fe doping. <i>Physical Review B</i> , 2013 , 87,	3.3	21
103	Atomic and electronic structure of TlTe(111)($\bar{1}\bar{1}\bar{1}$): LEED and ARPES measurements and first-principles calculations. <i>Physical Review B</i> , 2007 , 76,	3.3	21
102	Alkali metal-induced Si(1 1 1) $2\times 1\times 1$ structure: The Na case. <i>Surface Science</i> , 2005 , 590, 162-172	1.8	21
101	Structural analysis of Ba-induced surface reconstruction on Si(111) by means of core-level photoemission. <i>Physical Review B</i> , 2005 , 71,	3.3	21
100	Spin-polarized Weyl cones and giant anomalous Nernst effect in ferromagnetic Heusler films. <i>Communications Materials</i> , 2020 , 1,	6	21
99	Spectroscopy Studies of Temperature-Induced Valence Transition on EuNi ₂ (Si _{1-x} Gex) ₂ around Eu 3d π , 4d π and Ni 2p π Excitation Regions. <i>Journal of the Physical Society of Japan</i> , 2002 , 71, 148-155	1.5	20
98	Unoccupied topological surface state in Bi ₂ Te ₂ Se. <i>Physical Review B</i> , 2013 , 88,	3.3	19
97	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,	3.3	19
96	Exchange splitting of the three π -surface states of Ni(111) from three-dimensional spin- and angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2009 , 80,	3.3	19

95	Fabrication of a novel magnetic topological heterostructure and temperature evolution of its massive Dirac cone. <i>Nature Communications</i> , 2020 , 11, 4821	17.4	19
94	Linear and circular dichroism in photoemission angular distribution from the valence band of TeSb_2 . <i>Physical Review B</i> , 1997 , 56, 7687-7693	3.3	18
93	Band structure of Te/Ge(111)Bi : Angle-resolved photoemission and first-principles prediction of giant Rashba effect. <i>Physical Review B</i> , 2008 , 77,	3.3	17
92	Tunable spin helical Dirac quasiparticles on the surface of three-dimensional HgTe. <i>Physical Review B</i> , 2015 , 92,	3.3	16
91	Direct observation of the spin polarization in Au atomic wires on Si(553). <i>New Journal of Physics</i> , 2014 , 16, 093030	2.9	16
90	Substrate dependence of anisotropic electronic structure in Ag(111) quantum film studied by angle-resolved photoelectron spectroscopy. <i>Physical Review B</i> , 2009 , 80,	3.3	16
89	Recent trends in spin-resolved photoelectron spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2017 , 29, 483001	1.8	15
88	Hidden surface states on pristine and H-passivated Ni(111): Angle-resolved photoemission and density-functional calculations. <i>Physical Review B</i> , 2008 , 77,	3.3	15
87	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,	3.3	15
86	Angle-resolved photoemission study of MxTiS_2 ($\text{M}=\text{Mn, Fe, Co, Ni}; x=.$). <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1996 , 78, 477-480	1.7	15
85	Electronic properties of candidate type-II Weyl semimetal WTe_2 . A review perspective. <i>Electronic Structure</i> , 2019 , 1, 014003	2.6	14
84	Spin polarization of surface states on $\text{W}(1\ 1\ 0)$: Combined influence of spin-orbit interaction and hybridization. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2015 , 201, 53-59	1.7	14
83	Reflectivity and Sherman Maps of Passivated Fe(001): Working Points for a Display-Type Spin-Polarization Analyzer. <i>Physical Review Applied</i> , 2014 , 1,	4.3	12
82	Tunable spin current due to bulk insulating property in the topological insulator $\text{TeBi}_{1-x}\text{Se}_2$ <i>Physical Review B</i> , 2015 , 91,	3.3	12
81	Robust spin polarization and spin textures on stepped Au(111) surfaces. <i>Physical Review Letters</i> , 2010 , 104, 187602	7.4	12
80	Deduction of atomic orbitals in a valence band by two-dimensional angular distribution of photoelectrons. <i>Surface Science</i> , 1999 , 438, 214-222	1.8	12
79	Ag_2S phase formed by Na adsorption on Si(111). Ag_2S -Ag and its electronic structure. <i>E-Journal of Surface Science and Nanotechnology</i> , 2005 , 3, 107-112	0.7	12
78	Cubic Rashba Effect in the Surface Spin Structure of Rare-Earth Ternary Materials. <i>Physical Review Letters</i> , 2020 , 124, 237202	7.4	11

77	Electronic and spin structure of the wide-band-gap topological insulator: Nearly stoichiometric Bi ₂ Te ₂ S. <i>Physical Review B</i> , 2018 , 97,	3.3	11
76	High efficiency and high energy-resolution spin-polarized photoemission spectrometer. <i>European Physical Journal: Special Topics</i> , 2009 , 169, 181-185	2.3	11
75	Photoelectron spin polarization in the Bi ₂ Te ₃ (0001) topological insulator: Initial- and final-state effects in the photoemission process. <i>Physical Review B</i> , 2016 , 93,	3.3	10
74	The gigantic Rashba effect of surface states energetically buried in the topological insulator Bi ₂ Te ₂ Se. <i>New Journal of Physics</i> , 2014 , 16, 065016	2.9	10
73	Spin-polarized surface bands of a three-dimensional topological insulator studied by high-resolution spin- and angle-resolved photoemission spectroscopy. <i>New Journal of Physics</i> , 2010 , 12, 065011	2.9	10
72	Si(111)- $\sqrt{21}\times\sqrt{21}$ -(Ag+Cs) Surface Studied by Scanning Tunneling Microscopy and Angle-Resolved Photoemission Spectroscopy. <i>Japanese Journal of Applied Physics</i> , 2003 , 42, 4659-4662	1.4	10
71	Observation of Peculiar Rashba-Type Spin-Split Band on Bi(111) Surface by High-Resolution Spin- and Angle-Resolved Photoemission Spectroscopy. <i>E-Journal of Surface Science and Nanotechnology</i> , 2012 , 10, 153-156	0.7	10
70	Adsorbate doping of MoS and WSe: the influence of Na and Co. <i>Journal of Physics Condensed Matter</i> , 2017 , 29, 285501	1.8	9
69	Experimental observation of node-line-like surface states in LaBi. <i>Physical Review B</i> , 2018 , 97,	3.3	9
68	Status of pump-probe time-resolved photoemission electron microscopy at SPring-8. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2012 , 185, 389-394	1.7	9
67	Perpendicular magnetic anisotropy with enhanced orbital moments of Fe adatoms on a topological surface of Bi ₂ Se ₃ . <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 232201	1.8	9
66	Observation of Micro-Magnetic Structures by Synchrotron Radiation Photoelectron Emission Microscopy. <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 021005	1.5	9
65	Atomic and electronic structures of Si(111)-Sb surface: core-level shifts and surface states. <i>Surface Science</i> , 2002 , 513, 49-56	1.8	9
64	Scanning tunnelling microscope combined with synchrotron radiation for element specific analysis. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005 , 144-147, 1157-1161	1.7	9
63	Non-trivial surface states of samarium hexaboride at the (111) surface. <i>Nature Communications</i> , 2019 , 10, 2298	17.4	8
62	Switching of band inversion and topological surface states by charge density wave. <i>Nature Communications</i> , 2020 , 11, 2466	17.4	8
61	Complete Assignment of Spin Domains in Antiferromagnetic NiO(100) by Photoemission Electron Microscopy and Cluster Model Calculation. <i>Journal of the Physical Society of Japan</i> , 2010 , 79, 013703	1.5	8
60	Symmetry analysis of the Fermi surface of Bi ₂ Sr ₂ CaCu ₂ O ₈ by display analyzer. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1998 , 88-91, 489-493	1.7	8

59	Core-level photoemission of the Si(111)Ag surface using synchrotron radiation. <i>Applied Surface Science</i> , 2002 , 190, 121-128	6.7	8
58	Circular-polarized-light-induced spin polarization characterized for the Dirac-cone surface state at W(110) with C symmetry. <i>Scientific Reports</i> , 2018 , 8, 10440	4.9	7
57	Dynamics of Magnetostatically Coupled Vortices Observed by Time-Resolved Photoemission Electron Microscopy. <i>Japanese Journal of Applied Physics</i> , 2011 , 50, 053001	1.4	7
56	Fermi surface of Sr ₂ RuO ₄ studied by two-dimensional angle resolved photoelectron spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1998 , 88-91, 473-477	1.7	7
55	Two-dimensional angle-resolved resonance photoelectron spectroscopy of 1T-TaS ₂ . <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1998 , 88-91, 287-292	1.7	7
54	Surface antiferromagnetic domain structures of NiO (0 0 1) studied using UV photoemission electron microscope. <i>Surface Science</i> , 2007 , 601, 4686-4689	1.8	7
53	Quantum-Size Effect in Uniform Ge ₅ N Alloy Nanodots Observed by Photoemission Spectroscopy. <i>Japanese Journal of Applied Physics</i> , 2007 , 46, L1176-L1178	1.4	7
52	Magnetic Domain Imaging of Ni Micro Ring and Micro Dot array by Photoelectron Emission Microscopy. <i>Japanese Journal of Applied Physics</i> , 2004 , 43, 4179-4184	1.4	7
51	Realization of a tunable surface Dirac gap in Sb-doped MnBi ₂ Te ₄ . <i>Physical Review B</i> , 2021 , 103,	3.3	7
50	A general route to form topologically-protected surface and bulk Dirac fermions along high-symmetry lines. <i>Electronic Structure</i> , 2019 , 1, 014002	2.6	6
49	Location of the valence band maximum in the band structure of anisotropic 1T'-ReSe ₂ . <i>Physical Review B</i> , 2018 , 97,	3.3	6
48	Anisotropic electronic conduction in metal nanofilms grown on a one-dimensional surface superstructure. <i>Physical Review B</i> , 2014 , 89,	3.3	6
47	Direct observation of spin configuration in an exchange coupled Fe/NiO(100) system by x-ray magnetic circular- and linear- dichroism photoemission electron microscope. <i>Journal of Applied Physics</i> , 2011 , 110, 084306	2.5	6
46	Exchange coupling and spin structure in cobalt-on-chromia thin films. <i>Europhysics Letters</i> , 2016 , 115, 17003	1.6	5
45	DOMAIN IMAGING OF MESOSCOPIC MAGNETIC STRUCTURES BY PHOTOELECTRON EMISSION MICROSCOPY. <i>Surface Review and Letters</i> , 2002 , 09, 365-369	1.1	5
44	Two-dimensional band mapping of 2H-TaSe ₂ using a display-type photoelectron spectrometer. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1999 , 101-103, 355-360	1.7	5
43	Two-dimensional angular distribution of photoemission spectra from the valence band of 1T-TaS ₂ . <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1996 , 78, 489-492	1.7	5
42	Peculiar Rashba spin texture induced by C _{3v} symmetry on the Bi(111) surface revisited. <i>Physical Review B</i> , 2018 , 97,	3.3	4

41	Spin-orbit influence on dz ² -type surface state at Ta(110). <i>Physical Review B</i> , 2015 , 92,	3.3	4
40	Enhanced silicon oxidation on titanium-covered Si(001). <i>Journal of Physics Condensed Matter</i> , 2011 , 23, 305001	1.8	4
39	Direct observation of twin domains of NiO(100) by x-ray linear dichroism at the O K edge using photoemission electron microscopy. <i>Physical Review B</i> , 2012 , 85,	3.3	4
38	Spin reorientation at the interface of Fe/NiO(001). <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2007 , 156-158, 482-485	1.7	4
37	Antiferromagnetic domain modulation of NiO(100) induced by thickness-dependent interfacial coupling with Cr overlayer. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005 , 144-147, 753-756	1.7	4
36	ELECTRONIC STRUCTURE OF Ag THIN FILMS ON A Ge(001) SURFACE. <i>Surface Review and Letters</i> , 2002 , 09, 681-686	1.1	4
35	Enhanced surface state protection and band gap in the topological insulator PbBi ₄ Te ₄ S ₃ . <i>Physical Review Materials</i> , 2018 , 2,	3.2	4
34	Tunneling current modulation in atomically precise graphene nanoribbon heterojunctions. <i>Nature Communications</i> , 2021 , 12, 2542	17.4	4
33	Disentangling orbital and spin textures of surface-derived states in non-symmorphic semimetal HfSiS. <i>Physical Review B</i> , 2019 , 100,	3.3	4
32	Weyl-like points from band inversions of spin-polarised surface states in NbGeSb. <i>Nature Communications</i> , 2019 , 10, 5485	17.4	4
31	Topologically Nontrivial Phase-Change Compound GeSbTe. <i>ACS Nano</i> , 2020 , 14, 9059-9065	16.7	3
30	Quasi-Periodic Variably Polarizing Undulator at HiSOR. <i>Journal of Physics: Conference Series</i> , 2013 , 425, 032009	0.3	3
29	Electronic structure of dysprosium silicide films grown on a Si(111) surface. <i>Applied Surface Science</i> , 2009 , 256, 1156-1159	6.7	3
28	Surface electronic structure of the (3 × 3) reconstruction induced by Yb on a Si(1 × 1) surface. <i>Applied Surface Science</i> , 2006 , 252, 5292-5295	6.7	3
27	Temperature-Induced Valence Transition of EuNi ₂ (Si _{0.25} Ge _{0.75}) ₂ Studied by Eu 4d _{5/2} Resonant Photoemission and Optical Conductivity. <i>Journal of the Physical Society of Japan</i> , 2002 , 71, 255-257	1.5	3
26	Symmetry Analysis of the Fermi Surface States of Sr ₂ RuO ₄ by Display-Type Photoelectron Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 1999 , 68, 1398-1403	1.5	3
25	Kagome-like structure of germanene on Al(111). <i>Physical Review B</i> , 2021 , 104,	3.3	3
24	Observation of Spin-Momentum-Layer Locking in a Centrosymmetric Crystal. <i>Physical Review Letters</i> , 2021 , 127, 126402	7.4	3

23	Spectroscopic evidence of quasi-one-dimensional metallic Rashba spin-split states on the Si(111)5 \times 5-Au surface. <i>Physical Review B</i> , 2020 , 101,	3.3	2
22	Enhancement of electron correlation in Co thin clusters grown on Si(111)5 \times 5-Au surface. <i>Physical Review B</i> , 2006 , 73,	3.3	2
21	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
20	One-dimensional electronic structure of the Sb-decorated Si(113)2 \times 1 surface. <i>Surface Science</i> , 2005 , 583, 199-204	1.8	2
19	Unusual two-dimensional angular distribution of photoelectrons of kish graphite and 1T-TaS ₂ . <i>Solid State Communications</i> , 1996 , 98, 671-675	1.6	2
18	Development of a Scanning Tunneling Microscope Combined with a Synchrotron Radiation Light Source. <i>Hyomen Kagaku</i> , 2005 , 26, 752-756		2
17	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		2
16	Profiling spin and orbital texture of a topological insulator in full momentum space. <i>Physical Review B</i> , 2021 , 103,	3.3	2
15	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	1.5	1
14	Surface restructuring process on a Ag/Ge(0 0 1) surface studied by photoelectron spectroscopy. <i>Applied Surface Science</i> , 2008 , 254, 7638-7641	6.7	1
13	SPIN ARRANGEMENT OF THE Mn/Fe(001) SYSTEM INVESTIGATED BY SPIN-POLARIZED PHOTOELECTRON DIFFRACTION. <i>Surface Review and Letters</i> , 2002 , 09, 901-906	1.1	1
12	Development of High Efficiency Spin-polarized Photoemission Spectrometer and the Applications to Surface Science. <i>Hyomen Kagaku</i> , 2009 , 30, 312-318		1
11	Probe-dependent Dirac-point gap in the gadolinium-doped thallium-based topological insulator TlBi _{0.9} Gd _{0.1} Se ₂ . <i>Physical Review B</i> , 2020 , 102,	3.3	1
10	Hidden Rashba spin-split states in a quasi-one-dimensional Au atomic chain on ferromagnetic Ni(110). <i>Physical Review B</i> , 2016 , 94,	3.3	1
9	Titanium-induced charge of Si(0 0 1) surface dependent on local configuration. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2014 , 192, 35-39	1.7	0
8	Electronic and spin structures of solids investigated by means of synchrotron radiation photoemission. <i>Radiation Physics and Chemistry</i> , 2013 , 93, 14-20	2.5	0
7	Experimental Observation and Spin Texture of Dirac Node Arcs in Tetradymite Topological Metals. <i>Physical Review Letters</i> , 2021 , 126, 196407	7.4	0
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