Akio Kimura

List of Publications by Year
in descending order

257 papers	7,649 citations	66234 42 h-index	62479 80 g-index
260 all docs	260 docs citations	260 times ranked	6739 citing authors

#	Article	IF	Citations
1	Giant Rashba-type spin splitting in bulk BiTeI. Nature Materials, 2011, 10, 521-526.	13.3	711
2	Prediction and observation of an antiferromagnetic topological insulator. Nature, 2019, 576, 416-422.	13.7	701
3	Core-level photoemission study ofGa1âˆ’xMnxAs. Physical Review B, 1998, 58, R4211-R4214.	1.1	276
4	Hexagonally Deformed Fermi Surface of the 3D Topological Insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Se</mml:mi><mml:mn Physical Review Letters, 2010, 105, 076802.	2.9	232
5	Experimental Realization of a Three-Dimensional Topological Insulator Phase in Ternary Chalcogenide<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>TlBiSe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2010, 105, 146801.	2.9	219
6	Large Rashba spin splitting of a metallic surface-state band on a semiconductor surface. Nature Communications, 2010, 1, 17.	5.8	206
7	Role of Electronic Structure in the Martensitic Phase Transition of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Ni</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Mn</mml:mi> /mml:mn> mml:m by Hard-X-Ray Photoelectron Spectroscopy andAbÂInitioCalc. Physical Review Letters, 2010, 104, 176401.	2.9	189
8	Direct observation of spin splitting in bismuth surface states. Physical Review B, 2007, 76, .	1.1	163
9	Subcycle observation of lightwave-driven Dirac currents in a topological surface band. Nature, 2018, 562, 396-400.	13.7	154
10	Tunable 3D/2D magnetism in the (MnBi2Te4)(Bi2Te3)m topological insulators family. Npj Quantum Materials, 2020, 5, .	1.8	138
11	Abrupt Rotation of the Rashba Spin to the Direction Perpendicular to the Surface. Physical Review Letters, 2009, 102, 096805.	2.9	137
12	Peculiar Rashba Splitting Originating from the Two-Dimensional Symmetry of the Surface. Physical Review Letters, 2009, 103, 156801.	2.9	124
13	Angle-resolved photoemission study ofGa1âˆ’xMnxAs. Physical Review B, 2001, 64, .	1.1	122
14	Mn3dpartial density of states inGa1âˆ’xMnxAsstudied by resonant photoemission spectroscopy. Physical Review B, 1999, 59, R2486-R2489.	1.1	118
15	Efficient spin resolved spectroscopy observation machine at Hiroshima Synchrotron Radiation Center. Review of Scientific Instruments, 2011, 82, 103302.	0.6	101
16	Experimental realization of type-II Weyl state in noncentrosymmetric <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>TaIrTe</mml:mi><mml:mn>4</mml:mn> /mml:msub> /m Physical Review B, 2017, 95, .	1.1	101
17	Surface Scattering via Bulk Continuum States in the 3D Topological Insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Se</mml:mi><mml:mn Physical Review Letters, 2011, 107, 056803.	2.9	100
18	Strong Rashba-Type Spin Polarization of the Photocurrent from Bulk Continuum States: Experiment and Theory for Bi(111). Physical Review Letters, 2010, 105, 076804.	2.9	92

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19	Experimental Verification of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>PbBi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Te</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math> a 3D Topological Insulator. Physical Review Letters, 2012, 108, 206803.	2.9	90
20	Topological Surface States with Persistent High Spin Polarization across the Dirac Point in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Te</mml:mi><mml:mn</mml:mn></mml:msub></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Se</mml:mi><mml:mn</mml:mn></mml:msub></mml:math> Thin Films. Physical Review Letters, 2011, 107, 096802.	2.9	84
21	Spin-Polarized Dirac Cone-Like Surface State with<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>d</mml:mi></mml:math>Character at W(110). Physical Review Letters, 2012, 108, 066808.	2.9	80
22	Absolute Band Mapping by Combined Angle-Dependent Very-Low-Energy Electron Diffraction and Photoemission: Application to Cu. Physical Review Letters, 1998, 81, 4943-4946.	2.9	69
23	Magnetic circular dichroism in the soft-x-ray absorption spectra of Mn-based magnetic intermetallic compounds. Physical Review B, 1997, 56, 6021-6030.	1.1	63
24	Origin of the surface-state band-splitting in ultrathin Bi films: from a Rashba effect to a parity effect. New Journal of Physics, 2008, 10, 083038.	1.2	62
25	Nature of the Dirac gap modulation and surface magnetic interaction in axion antiferromagnetic topological insulator $${hbox {MnBi}}_2 {hbox {Te}}_4$$. Scientific Reports, 2020, 10, 13226.	1.6	62
26	Quasiparticle interference on the surface of Bi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Se<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>induced by cobalt adatom in the absence of ferromagnetic ordering. Physical Review B, 2012, 85, .	1.1	61
27	A new compact electron spin polarimeter with a high efficiency. Review of Scientific Instruments, 1997, 68, 4390-4395.	0.6	60
28	Ultrafast electron dynamics at the Dirac node of the topological insulator Sb2Te3. Scientific Reports, 2015, 5, 13213.	1.6	60
29	Low-Energy Electronic Structure of the Kondo InsulatorYbB12. Physical Review Letters, 1996, 77, 4269-4272.	2.9	58
30	Soft x-ray magnetic circular dichroism study of the ferromagnetic spinel-type Cr chalcogenides. Physical Review B, 2001, 63, .	1.1	57
31	Spin-polarized Weyl cones and giant anomalous Nernst effect in ferromagnetic Heusler films. Communications Materials, 2020, 1, .	2.9	57
32	In-gap Electronic States Responsible for the Excellent Thermoelectric Properties of Ni-based Half-Heusler Alloys. Applied Physics Express, 0, 1, 081901.	1.1	56
33	Signatures of temperature driven antiferromagnetic transition in the electronic structure of topological insulator MnBi2Te4. APL Materials, 2020, 8, .	2.2	56
34	Bonding state of theC60molecule adsorbed on aSi(111)â˜(7Ã—7)surface. Physical Review B, 1998, 58, 13951-13956.	1.1	55
35	Large out-of-plane spin polarization in a spin-splitting one-dimensional metallic surface state on Si(557)-Au. Physical Review B, 2010, 82, .	1.1	55
36	Spin- and Angle-Resolved Photoemission of Strongly Spinâ€“Orbit Coupled Systems. Journal of the Physical Society of Japan, 2013, 82, 021002.	0.7	54

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37	Carrier-mediated ferromagnetism in the magnetic topological insulator Cr-doped (Sb,Bi)2Te3. Nature Communications, 2015, 6, 8913.	5.8	53
38	Observation of a highly spin-polarized topological surface state in GeBi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Te<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>. Physical Review B, 2012, 86, .	1.1	52
39	Direct evidence of hidden local spin polarization in a centrosymmetric superconductor LaO0.55 F0.45BiS2. Nature Communications, 2017, 8, 1919.	5.8	52
40	Temperature dependence of the electronic structure ofC60films adsorbed onSi(001)â˜'(2Ã—1)andSi(111)â˜'(7Ã—7)surfaces. Physical Review B, 1999, 60, 2579-2591.	1.1	48
41	Exceptional behavior of d-like surface resonances on W(110): the one-step model in its density matrix formulation. New Journal of Physics, 2014, 16, 015005.	1.2	47
42	Sample-dependent Dirac-point gap in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>MnBi</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>its response to applied surface charge: A combined photoemission andab initiostudy. Physical Review B, 2021, 104, .	1.1	46
43	Massless or heavy due to two-fold symmetry: Surface-state electrons at W(110). Physical Review B, 2012, 86, .	1.1	43
44	Three-dimensional band mapping by angle-dependent very-low-energy electron diffraction and photoemission: Methodology and application to Cu. Physical Review B, 2001, 63, .	1.1	42
45	Determination of the Orbital Polarization in YTiO3 by Using Soft X-Ray Linear Dichroism. Physical Review Letters, 2004, 93, 257207.	2.9	42
46	Resonant photoemission ofGa1â˜'xMnxAsat the MnLedge. Physical Review B, 2004, 69, .	1.1	42
47	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.	0.8	42
48	Spin-polarized semiconductor surface states localized in subsurface layers. Physical Review B, 2010, 82, .	1.1	39
49	Experimental Evidence of Hidden Topological Surface States in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>PbBi</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi>Te</mml:mi><mml:mi><mml:r Physical Review Letters, 2013, 111, 206803.	2.9	39
50	Electronic structure of Ga1â˜'xMnxAs studied by angle-resolved photoemission spectroscopy. Physica E: Low-Dimensional Systems and Nanostructures, 2001, 10, 192-195.	1.3	36
51	Atomic correlations in itinerant ferromagnets: Quasi-particle bands of nickel. Europhysics Letters, 2003, 61, 667-673.	0.7	36
52	Absence of temperature dependence of the valence-band spectrum of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Co</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msu Physical Review B, 2009, 79, .	1.1	36
53	Spin and orbital magnetic moments of molecular beam epitaxy Î³â€²-Fe4N films on LaAlO3(001) and MgO(001) substrates by x-ray magnetic circular dichroism. Applied Physics Letters, 2011, 98, .	1.5	36
54	Ultrafast energy- and momentum-resolved surface Dirac photocurrents in the topological insulator <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sb</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:m Physical Review B, 2017, 95, .	1.1	36

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55	Correlation satellite driven by reduced dimensionality. Europhysics Letters, 1997, 39, 429-434.	0.7	35
56	Direct evidence of ferromagnetism without net magnetization observed by x-ray magnetic circular dichroism. Physical Review B, 2004, 70, .	1.1	35
57	The self-calibration of a retarding-type Mott spin polarimeter with a large collection angle. Review of Scientific Instruments, 2006, 77, 013101.	0.6	33
58	Evaluation of band offset at amorphous-Si/BaSi2 interfaces by hard x-ray photoelectron spectroscopy. Journal of Applied Physics, 2016, 119, .	1.1	32
59	Soft X-ray magnetic circular dichroism of Heusler-type alloy Co2MnGe. Solid State Communications, 2003, 128, 163-166.	0.9	31
60	Tuning of magnetic and transport properties in Bi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Te<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>by divalent Fe doping. Physical Review B, 2013, 87, .	1.1	30
61	Orbital-symmetry-selective spin characterization of Dirac-cone-like state on W(110). Physical Review B, 2016, 93, .	1.1	29
62	Structure and electron correlation of Mn on Ni(110). Physical Review B, 2001, 64, .	1.1	28
63	Negative spin polarization at the Fermi level in Fe4N epitaxial films by spin-resolved photoelectron spectroscopy. Journal of Applied Physics, 2012, 112, .	1.1	27
64	Prolonged duration of nonequilibrated Dirac fermions in neutral topological insulators. Scientific Reports, 2017, 7, 14080.	1.6	27
65	Surface Shubnikovâ€“de Haas oscillations and nonzero Berry phases of the topological hole conduction inTl1âˆ’xBi1+xSe2. Physical Review B, 2014, 90, .	1.1	26
66	Interaction of C60 with Si(111)7Ã—7 and Si(100)2Ã—1 surfaces studied by STM, PES and HREELS: annealing effect. Surface Science, 1999, 438, 242-247.	0.8	24
67	X-dependent electronic structure of YbXCu4 (X = In, Cd, Mg) investigated by high-resolution photoemission spectroscopy. Journal of Physics Condensed Matter, 2002, 14, 4445-4459.	0.7	24
68	Experimental verification of the surface termination in the topological insulator TlBiSe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>using core-level photoelectron spectroscopy and scanning tunneling microscopy. Physical Review B, 2013, 88, .	1.1	24
69	X-ray magnetic circular dichroism of ferromagnetic Co4N epitaxial films on SrTiO3(001) substrates grown by molecular beam epitaxy. Applied Physics Letters, 2011, 99, 252501.	1.5	23
70	Highly anisotropic interlayer magnetoresitance in ZrSiS nodal-line Dirac semimetal. Physical Review B, 2019, 100, .	1.1	23
71	Magnetic circular dichroism of the S 2p, Co 2p, and Co 3pcore absorption and orbital angular momentum of the Co 3dstate in low-spinCoS2. Physical Review B, 1996, 53, 7055-7058.	1.1	22
72	Element-resolved magnetic moments of Heusler-type ferromagnetic ternary alloy Co2MnGe. Journal of Physics Condensed Matter, 2004, 16, S5797-S5800.	0.7	22

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73	Dirac gap opening and Dirac-fermion-mediated magnetic coupling in antiferromagnetic Gd-doped topological insulators and their manipulation by synchrotron radiation. Scientific Reports, 2019, 9, 4813.	1.6	22
74	Direct evidence of spin-polarized band structure of Sb(111) surface. Applied Physics Letters, 2008, 93, 252107.	1.5	21
75	Unoccupied topological surface state in Bi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Te<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>Se. Physical Review B, 2013, 88, .	1.1	21
76	Visualizing Half-Metallic Bulk Band Structure with Multiple Weyl Cones of the Heusler Ferromagnet. Physical Review Letters, 2020, 125, 216403.	2.9	21
77	Structure and magnetism of Fe thin films grown on Rh(001) studied by photoelectron spectroscopy. Physical Review B, 2001, 64, .	1.1	20
78	Tunable spin current due to bulk insulating property in the topological insulatorTl1â^'xBi1+xSe2â^'Î´. Physical Review B, 2015, 91, .	1.1	20
79	Measurement of valence-band offset at native oxide/BaSi2 interfaces by hard x-ray photoelectron spectroscopy. Journal of Applied Physics, 2016, 119, .	1.1	20
80	Electronic structures of Mn2Sb and MnAlGe: Photoemission and inverse photoemission spectroscopy. Solid State Communications, 1992, 81, 707-710.	0.9	19
81	Electronic structure ofCr1â€ŕX(X=S,Te)studied by Cr2psoft x-ray magnetic circular dichroism. Physical Review B, 2004, 70, .	1.1	19
82	X-ray magnetic circular dichroism for Co_xFe_{4â^'}_xN (xâ€‰=â€‰0, 3, 4) films grown by molecular beam epitaxy. Journal of Applied Physics, 2014, 115, 17C712.	1.1	19
83	Surface structure and segregation of ordered Pt3Co(110) induced by oxygen. Surface Science, 1998, 401, 336-343.	0.8	18
84	Direct observation of the spin polarization in Au atomic wires on Si(553). New Journal of Physics, 2014, 16, 093030.	1.2	18
85	Local electronic states of Fe4N films revealed by x-ray absorption spectroscopy and x-ray magnetic circular dichroism. Journal of Applied Physics, 2015, 117, .	1.1	18
86	Manipulation of saturation magnetization and perpendicular magnetic anisotropy in epitaxial <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">C</mml:mi><mml:msub><mml:mi mathvariant="normal">o</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mi mathvariant="normal">M</mml:mi><mml:msub><mml:mi mathvariant="normal">n</mml:mi><mml:mrow><mml:mn>4</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></	1.1	18
87	Exchange splittings of Mn- and Sb-derived states by spin-resolved valence-band photoemission of MnSb. Physical Review B, 1998, 57, R689-R692.	1.1	17
88	Angle-resolved photoemission study of Ni-intercalated1Tâ^'TiS2. Physical Review B, 1999, 60, 1678-1686.	1.1	17
89	Local environment of Mn atoms in IV-VI ferromagnetic semiconductor Ge1â^'xMnxTe. Journal of Applied Physics, 2006, 99, 08D510.	1.1	17
90	Ti 3dOrbital Change Across Metalâ€“Insulator Transition in Ti2O3: Polarization-Dependent Soft X-ray Absorption Spectroscopy at Ti 2pEdge. Journal of the Physical Society of Japan, 2006, 75, 053702.	0.7	17

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91	Photoemission and Absorption Spectroscopy of Mn2Sb, MnAlGe, Mn2As, Cr2As and Fe2As. Journal of the Physical Society of Japan, 1993, 62, 1624-1633.	0.7	16
92	Angle-resolved photoemission study of MxTiS2 (M=Mn, Fe, Co, Ni;x=,). Journal of Electron Spectroscopy and Related Phenomena, 1996, 78, 477-480.	0.8	16
93	Orientation and Conformation of Met-enkephalin in a Liquid Crystal As Studied by Magic-Angle- and Near-Magic-Angle-Spinning Two-Dimensional NMR Spectroscopy. The Journal of Physical Chemistry, 1996, 100, 14056-14061.	2.9	16
94	Strong Fano effect in the magnetic circular dichroism of the PtN6,7score absorption of ferromagneticCoPt3s. Physical Review B, 1997, 55, 3749-3756.	1.1	16
95	Cesium core level binding energy shifts at the O2/Cs/Si(113) surface. Journal of Electron Spectroscopy and Related Phenomena, 1998, 88-91, 733-739.	0.8	16
96	Bonding nature of C60 adsorbed on Si(111)7Ã—7 and Si(100)2Ã—1 surfaces studied by HREELS and PES. Surface Science, 1999, 427-428, 85-90.	0.8	16
97	Surface electronic structures of ferromagnetic Ni(111) studied by STM and angle-resolved photoemission. Physical Review B, 2009, 79, .	1.1	16
98	Signatures of in-plane and out-of-plane magnetization generated by synchrotron radiation in magnetically doped and pristine topological insulators. Physical Review B, 2018, 97, .	1.1	16
99	High resolution photoemission study of CeRu2Si2. Solid State Communications, 1997, 103, 659-662.	0.9	15
100	Magnetic Dead Layers Induced by Strain at fct Fe/Rh(001) Interface. Journal of the Physical Society of Japan, 2004, 73, 2550-2553.	0.7	15
101	Edge states of epitaxially grown graphene on 4H-SiC(0001) studied by scanning tunneling microscopy. European Physical Journal B, 2010, 75, 31-35.	0.6	15
102	Magnetic Phase Diagram of the Ferromagnetic Shape Memory Alloys Ni₂MnGa_{1-x}Cu_x. Materials Science Forum, 0, 684, 165-176.	0.3	15
103	Hard x-ray photoelectron spectroscopy study on valence band structure of semiconducting BaSi2. Journal of Applied Physics, 2013, 114, 123702.	1.1	15
104	Spin polarization of surface states on W(1 1 0): Combined influence of spinâ€“orbit interaction and hybridization. Journal of Electron Spectroscopy and Related Phenomena, 2015, 201, 53-59.	0.8	15
105	Electronic and spin structure of the wide-band-gap topological insulator: Nearly stoichiometric Bi2Te2S. Physical Review B, 2018, 97, .	1.1	15
106	Topologically Nontrivial Phase-Change Compound GeSb₂Te₄. ACS Nano, 2020, 14, 9059-9065.	7.3	15
107	Cesium-induced Reconstruction on Si(113)3 Ã— 2 Surface Studied by Low Energy Electron Diffraction and X-ray Photoelectron Spectroscopy. Japanese Journal of Applied Physics, 1997, 36, 2833-2836.	0.8	13
108	2presonance photoemission and Auger features inNiS2andFeS2. Physical Review B, 1999, 60, 5049-5054.	1.1	13

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109	Electronic structure of CoSe2 studied by photoemission spectroscopy using synchrotron radiation. Solid State Communications, 2001, 118, 563-567.	0.9	13
110	Lattice instability of Ni-Mn-Ga ferromagnetic shape memory alloys probed by hard X-ray photoelectron spectroscopy. Applied Physics Letters, 2013, 103, .	1.5	13
111	Magnetic-impurity-induced modifications to ultrafast carrier dynamics in the ferromagnetic topological insulators Sb_{2â^'x}V_xTe₃. New Journal of Physics, 2019, 21, 093006.	1.2	13
112	Preferred site occupation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>3</mml:mn><mml:mi>d</mml:mi></mml:mrow></mml:r atoms in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ni</mml:mi><mml:mi>x</mml:mi></mml:ms mathvariant="normal">F</mml:mi><mml:msub><mml:mi	0.9	13
113	mathvariant="normal">e</mml:mi><mml:mrow><mml:mn>4</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></r Resonance and high-resolution photoemission study of CoS2. Journal of Electron Spectroscopy and Related Phenomena, 1998, 88-91, 361-364.	0.8	12
114	Mn 2pâ€“3d soft X-ray magnetic circular dichroism study of Mn5Ge3. Physica B: Condensed Matter, 2004, 351, 341-343.	1.3	12
115	Photoemission study of valence band dispersions in charge density wave material 1T-TaS2. Physica B: Condensed Matter, 2004, 351, 265-267.	1.3	12
116	Enhanced photovoltage on the surface of topological insulator via optical aging. Applied Physics Letters, 2018, 112, .	1.5	12
117	Negative Te spin polarization responsible for ferromagnetic order in the doped topological insulator <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">V</mml:mi><mml:mrow><mml:mn>0.04</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mrow><m Physical Review B, 2019, 99, .	1.1	12
118	Temperature-Dependent Change of Correlated Electronic States in Yb4As3and Yb4(As1-xSbx)3Probed by High Resolution Photoemission Spectroscopy. Journal of the Physical Society of Japan, 1998, 67, 3552-3560.	0.7	11
119	Electronic structure of YbXCu4(X= In, Cd,ÂMg) investigated by high-resolution photoemission spectroscopy. Journal of Synchrotron Radiation, 2002, 9, 229-232.	1.0	11
120	Spin polarized d surface resonance state of fcc Co/Cu(001). New Journal of Physics, 2008, 10, 125032.	1.2	11
121	Tip-induced band bending effect and local electronic structure of Al nanoclusters on Si(111). Physical Review B, 2008, 78, .	1.1	11
122	Electronic structures and magnetic moments of Co3FeN thin films grown by molecular beam epitaxy. Applied Physics Letters, 2013, 103, .	1.5	11
123	The gigantic Rashba effect of surface states energetically buried in the topological insulator Bi2Te2Se. New Journal of Physics, 2014, 16, 065016.	1.2	11
124	Prolonged photo-carriers generated in a massive-and-anisotropic Dirac material. Scientific Reports, 2018, 8, 9073.	1.6	11
125	Bidirectional surface photovoltage on a topological insulator. Physical Review B, 2019, 100, .	1.1	11
126	Unoccupied electronic states and exchange splitting of M2As (M = Cr, Fe, Mn) and MnAlGe. Solid State Communications, 1993, 85, 901-905.	0.9	10

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127	Co-induced nano-structures on Si(111) surface. Applied Surface Science, 2008, 254, 7684-7687.	3.1	10
128	Precise determination of two-carrier transport properties in the topological insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>TlBiSe</mml:mi><mml:mn>2</mml:mn></mml:msub></m Physical Review B, 2015, 91, .	1.1	10
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