

Akio Kimura

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245
papers

6,028
citations

38
h-index

70
g-index

260
ext. papers

6,968
ext. citations

3.7
avg, IF

4.99
L-index

#	Paper	IF	Citations
245	Giant Rashba-type spin splitting in bulk BiTeI. <i>Nature Materials</i> , 2011 , 10, 521-6	27	569
244	Prediction and observation of an antiferromagnetic topological insulator. <i>Nature</i> , 2019 , 576, 416-422	50.4	333
243	Core-level photoemission study of Ga _{1-x} MnxAs. <i>Physical Review B</i> , 1998 , 58, R4211-R4214	3.3	260
242	Hexagonally deformed Fermi surface of the 3D topological insulator Bi ₂ Se ₃ . <i>Physical Review Letters</i> , 2010 , 105, 076802	7.4	207
241	Large Rashba spin splitting of a metallic surface-state band on a semiconductor surface. <i>Nature Communications</i> , 2010 , 1, 17	17.4	181
240	Experimental realization of a three-dimensional topological insulator phase in ternary chalcogenide TlBiSe. <i>Physical Review Letters</i> , 2010 , 105, 146801	7.4	180
239	Role of electronic structure in the martensitic phase transition of Ni ₂ Mn(1+x)Sn(1-x) studied by hard-X-ray photoelectron spectroscopy and Ab initio calculation. <i>Physical Review Letters</i> , 2010 , 104, 176401	7.4	161
238	Direct observation of spin splitting in bismuth surface states. <i>Physical Review B</i> , 2007 , 76,	3.3	148
237	Abrupt rotation of the Rashba spin to the direction perpendicular to the surface. <i>Physical Review Letters</i> , 2009 , 102, 096805	7.4	125
236	Angle-resolved photoemission study of Ga _{1-x} MnxAs. <i>Physical Review B</i> , 2001 , 64,	3.3	116
235	Mn 3d partial density of states in Ga _{1-x} MnxAs studied by resonant photoemission spectroscopy. <i>Physical Review B</i> , 1999 , 59, R2486-R2489	3.3	116
234	Peculiar Rashba splitting originating from the two-dimensional symmetry of the surface. <i>Physical Review Letters</i> , 2009 , 103, 156801	7.4	113
233	Surface scattering via bulk continuum states in the 3D topological insulator Bi ₂ Se ₃ . <i>Physical Review Letters</i> , 2011 , 107, 056803	7.4	91
232	Efficient spin resolved spectroscopy observation machine at Hiroshima Synchrotron Radiation Center. <i>Review of Scientific Instruments</i> , 2011 , 82, 103302	1.7	88
231	Subcycle observation of lightwave-driven Dirac currents in a topological surface band. <i>Nature</i> , 2018 , 562, 396-400	50.4	83
230	Strong rashba-type spin polarization of the photocurrent from bulk continuum States: experiment and theory for Bi(111). <i>Physical Review Letters</i> , 2010 , 105, 076804	7.4	80
229	Topological surface states with persistent high spin polarization across the Dirac point in Bi ₂ Te ₂ Se and Bi ₂ Se ₂ Te. <i>Physical Review Letters</i> , 2012 , 109, 166802	7.4	77

228	Spin-polarized Dirac-cone-like surface state with d character at W(110). <i>Physical Review Letters</i> , 2012 , 108, 066808	7.4	72
227	Experimental verification of PbBi ₂ Te ₄ as a 3D topological insulator. <i>Physical Review Letters</i> , 2012 , 108, 206803	7.4	69
226	Experimental realization of type-II Weyl state in noncentrosymmetric TaIrTe ₄ . <i>Physical Review B</i> , 2017 , 95,	3.3	68
225	Absolute Band Mapping by Combined Angle-Dependent Very-Low-Energy Electron Diffraction and Photoemission: Application to Cu. <i>Physical Review Letters</i> , 1998 , 81, 4943-4946	7.4	63
224	Magnetic circular dichroism in the soft-x-ray absorption spectra of Mn-based magnetic intermetallic compounds. <i>Physical Review B</i> , 1997 , 56, 6021-6030	3.3	60
223	Origin of the surface-state band-splitting in ultrathin Bi films: from a Rashba effect to a parity effect. <i>New Journal of Physics</i> , 2008 , 10, 083038	2.9	60
222	A new compact electron spin polarimeter with a high efficiency. <i>Review of Scientific Instruments</i> , 1997 , 68, 4390-4395	1.7	56
221	Soft x-ray magnetic circular dichroism study of the ferromagnetic spinel-type Cr chalcogenides. <i>Physical Review B</i> , 2001 , 63,	3.3	55
220	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
219	Low-Energy Electronic Structure of the Kondo Insulator YbB ₁₂ . <i>Physical Review Letters</i> , 1996 , 77, 4269-4272	4.7	53
218	Tunable 3D/2D magnetism in the (MnBi ₂ Te ₄)(Bi ₂ Te ₃) _m topological insulators family. <i>Npj Quantum Materials</i> , 2020 , 5,	5	53
217	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
216	Bonding state of the C ₆₀ molecule adsorbed on a Si(111)($\sqrt{3}\times\sqrt{3}$) surface. <i>Physical Review B</i> , 1998 , 58, 13951-13956	3.3	52
215	In-gap Electronic States Responsible for the Excellent Thermoelectric Properties of Ni-based Half-Heusler Alloys. <i>Applied Physics Express</i> , 2008 , 1, 081901	2.4	51
214	Temperature dependence of the electronic structure of C ₆₀ films adsorbed on Si(001)(2×2) and Si(111)($\sqrt{3}\times\sqrt{3}$) surfaces. <i>Physical Review B</i> , 1999 , 60, 2579-2591	3.3	46
213	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
212	Carrier-mediated ferromagnetism in the magnetic topological insulator Cr-doped (Sb,Bi) ₂ Te ₃ . <i>Nature Communications</i> , 2015 , 6, 8913	17.4	44
211	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

210	Resonant photoemission of Ga _{1-x} MnxAs at the Mn L edge. <i>Physical Review B</i> , 2004 , 69,	3-3	42
209	Ultrafast electron dynamics at the Dirac node of the topological insulator Sb ₂ Te ₃ . <i>Scientific Reports</i> , 2015 , 5, 13213	4-9	41
208	Massless or heavy due to two-fold symmetry: Surface-state electrons at W(110). <i>Physical Review B</i> , 2012 , 86,	3-3	38
207	Observation of a highly spin-polarized topological surface state in GeBi ₂ Te ₄ . <i>Physical Review B</i> , 2012 , 86,	3-3	37
206	Three-dimensional band mapping by angle-dependent very-low-energy electron diffraction and photoemission: Methodology and application to Cu. <i>Physical Review B</i> , 2001 , 63,	3-3	37
205	Determination of the orbital polarization in YTiO ₃ by using soft X-ray linear dichroism. <i>Physical Review Letters</i> , 2004 , 93, 257207	7-4	36
204	Electronic structure of Ga _{1-x} MnxAs studied by angle-resolved photoemission spectroscopy. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2001 , 10, 192-195	3	36
203	Spin and orbital magnetic moments of molecular beam epitaxy δ -Fe ₄ N films on LaAlO ₃ (001) and MgO(001) substrates by x-ray magnetic circular dichroism. <i>Applied Physics Letters</i> , 2011 , 98, 102507	3-4	35
202	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
201	Experimental evidence of hidden topological surface states in PbBi ₄ Te ₇ . <i>Physical Review Letters</i> , 2013 , 111, 206803	7-4	33
200	Spin-polarized semiconductor surface states localized in subsurface layers. <i>Physical Review B</i> , 2010 , 82,	3-3	33
199	Correlation satellite driven by reduced dimensionality. <i>Europhysics Letters</i> , 1997 , 39, 429-434	1-6	33
198	The self-calibration of a retarding-type Mott spin polarimeter with a large collection angle. <i>Review of Scientific Instruments</i> , 2006 , 77, 013101	1-7	33
197	Atomic correlations in itinerant ferromagnets: Quasi-particle bands of nickel. <i>Europhysics Letters</i> , 2003 , 61, 667-673	1-6	32
196	Direct evidence of ferromagnetism without net magnetization observed by x-ray magnetic circular dichroism. <i>Physical Review B</i> , 2004 , 70,	3-3	32
195	Absence of temperature dependence of the valence-band spectrum of Co ₂ MnSi. <i>Physical Review B</i> , 2009 , 79,	3-3	30
194	Soft X-ray magnetic circular dichroism of Heusler-type alloy Co ₂ MnGe. <i>Solid State Communications</i> , 2003 , 128, 163-166	1-6	30
193	Direct evidence of hidden local spin polarization in a centrosymmetric superconductor LaO FBiS. <i>Nature Communications</i> , 2017 , 8, 1919	17-4	29

192	Orbital-symmetry-selective spin characterization of Dirac-cone-like state on W(110). <i>Physical Review B</i> , 2016 , 93,	3.3	25
191	Ultrafast energy- and momentum-resolved surface Dirac photocurrents in the topological insulator Sb ₂ Te ₃ . <i>Physical Review B</i> , 2017 , 95,	3.3	25
190	Negative spin polarization at the Fermi level in Fe ₄ N epitaxial films by spin-resolved photoelectron spectroscopy. <i>Journal of Applied Physics</i> , 2012 , 112, 013911	2.5	25
189	Structure and electron correlation of Mn on Ni(110). <i>Physical Review B</i> , 2001 , 64,	3.3	25
188	Signatures of temperature driven antiferromagnetic transition in the electronic structure of topological insulator MnBi ₂ Te ₄ . <i>APL Materials</i> , 2020 , 8, 021105	5.7	23
187	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
186	Evaluation of band offset at amorphous-Si/BaSi ₂ interfaces by hard x-ray photoelectron spectroscopy. <i>Journal of Applied Physics</i> , 2016 , 119, 165304	2.5	23
185	X-ray magnetic circular dichroism of ferromagnetic Co ₄ N epitaxial films on SrTiO ₃ (001) substrates grown by molecular beam epitaxy. <i>Applied Physics Letters</i> , 2011 , 99, 252501	3.4	22
184	Surface Shubnikov-de Haas oscillations and nonzero Berry phases of the topological hole conduction in Tl _{1-x} Bi _{1+x} Se ₂ . <i>Physical Review B</i> , 2014 , 90,	3.3	21
183	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
182	Element-resolved magnetic moments of Heusler-type ferromagnetic ternary alloy Co ₂ MnGe. <i>Journal of Physics Condensed Matter</i> , 2004 , 16, S5797-S5800	1.8	21
181	Spin-polarized Weyl cones and giant anomalous Nernst effect in ferromagnetic Heusler films. <i>Communications Materials</i> , 2020 , 1,	6	21
180	Direct evidence of spin-polarized band structure of Sb(111) surface. <i>Applied Physics Letters</i> , 2008 , 93, 252107	3.4	20
179	X-dependent electronic structure of YbXCu ₄ (X = In, Cd, Mg) investigated by high-resolution photoemission spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2002 , 14, 4445-4459	1.8	20
178	Interaction of C ₆₀ with Si(111)7 \times 7 and Si(100)2 \times 8 surfaces studied by STM, PES and HREELS: annealing effect. <i>Surface Science</i> , 1999 , 438, 242-247	1.8	20
177	Unoccupied topological surface state in Bi ₂ Te ₂ Se. <i>Physical Review B</i> , 2013 , 88,	3.3	19
176	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
175	Structure and magnetism of Fe thin films grown on Rh(001) studied by photoelectron spectroscopy. <i>Physical Review B</i> , 2001 , 64,	3.3	19

174	Electronic structures of Mn ₂ Sb and MnAlGe: Photoemission and inverse photoemission spectroscopy. <i>Solid State Communications</i> , 1992 , 81, 707-710	1.6	19
173	Prolonged duration of nonequibrated Dirac fermions in neutral topological insulators. <i>Scientific Reports</i> , 2017 , 7, 14080	4.9	18
172	X-ray magnetic circular dichroism for Co _x Fe _{4-x} N (x = 0, 3, 4) films grown by molecular beam epitaxy. <i>Journal of Applied Physics</i> , 2014 , 115, 17C712	2.5	18
171	Surface structure and segregation of ordered Pt ₃ Co(110) induced by oxygen. <i>Surface Science</i> , 1998 , 401, 336-343	1.8	17
170	Measurement of valence-band offset at native oxide/BaSi ₂ interfaces by hard x-ray photoelectron spectroscopy. <i>Journal of Applied Physics</i> , 2016 , 119, 025306	2.5	17
169	Dirac gap opening and Dirac-fermion-mediated magnetic coupling in antiferromagnetic Gd-doped topological insulators and their manipulation by synchrotron radiation. <i>Scientific Reports</i> , 2019 , 9, 4813	4.9	16
168	Local electronic states of Fe ₄ N films revealed by x-ray absorption spectroscopy and x-ray magnetic circular dichroism. <i>Journal of Applied Physics</i> , 2015 , 117, 193906	2.5	16
167	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
166	Cesium core level binding energy shifts at the O ₂ /Cs/Si(113) surface. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1998 , 88-91, 733-739	1.7	16
165	Electronic structure of Cr _{1-x} (X=S,Te) studied by Cr 2p soft x-ray magnetic circular dichroism. <i>Physical Review B</i> , 2004 , 70,	3.3	16
164	Exchange splittings of Mn- and Sb-derived states by spin-resolved valence-band photoemission of MnSb. <i>Physical Review B</i> , 1998 , 57, R689-R692	3.3	16
163	Angle-resolved photoemission study of Ni-intercalated 1T' ₁ Si ₂ . <i>Physical Review B</i> , 1999 , 60, 1678-1686	3.3	16
162	Bonding nature of C ₆₀ adsorbed on Si(111)7 \times 7 and Si(100)2 \times 1 surfaces studied by HREELS and PES. <i>Surface Science</i> , 1999 , 427-428, 85-90	1.8	16
161	Magnetic circular dichroism of the S 2p, Co 2p, and Co 3p core absorption and orbital angular momentum of the Co 3d state in low-spin CoS ₂ . <i>Physical Review B</i> , 1996 , 53, 7055-7058	3.3	16
160	Strong Fano effect in the magnetic circular dichroism of the Pt N _{6,7} core absorption of ferromagnetic CoPt ₃ s. <i>Physical Review B</i> , 1997 , 55, 3749-3756	3.3	15
159	Angle-resolved photoemission study of M _x TiS ₂ (M=Mn, Fe, Co, Ni;x=.). <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1996 , 78, 477-480	1.7	15
158	Orientation and Conformation of Met-enkephalin in a Liquid Crystal As Studied by Magic-Angle- and Near-Magic-Angle-Spinning Two-Dimensional NMR Spectroscopy. <i>The Journal of Physical Chemistry</i> , 1996 , 100, 14056-14061		15
157	Photoemission and Absorption Spectroscopy of Mn ₂ Sb, MnAlGe, Mn ₂ As, Cr ₂ As and Fe ₂ As. <i>Journal of the Physical Society of Japan</i> , 1993 , 62, 1624-1633	1.5	15

156	Spin polarization of surface states on 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
155	Surface electronic structures of ferromagnetic Ni(111) studied by STM and angle-resolved photoemission. <i>Physical Review B</i> , 2009 , 79,	3.3	14
154	Edge states of epitaxially grown graphene on 4H-SiC(0001) studied by scanning tunneling microscopy. <i>European Physical Journal B</i> , 2010 , 75, 31-35	1.2	14
153	Local environment of Mn atoms in IV-VI ferromagnetic semiconductor $\text{Ge}_{1-x}\text{Mn}_x\text{Te}$. <i>Journal of Applied Physics</i> , 2006 , 99, 08D510	2.5	14
152	Magnetic Dead Layers Induced by Strain at fct Fe/Rh(001) Interface. <i>Journal of the Physical Society of Japan</i> , 2004 , 73, 2550-2553	1.5	14
151	Hard x-ray photoelectron spectroscopy study on valence band structure of semiconducting BaSi ₂ . <i>Journal of Applied Physics</i> , 2013 , 114, 123702	2.5	13
150	Magnetic Phase Diagram of the Ferromagnetic Shape Memory Alloys Ni ₂ MnGa _{1-x} Cu _x . <i>Materials Science Forum</i> , 2011 , 684, 165-176	0.4	13
149	Cesium-induced Reconstruction on Si(113) $\sqrt{3} \times \sqrt{3}$ Surface Studied by Low Energy Electron Diffraction and X-ray Photoelectron Spectroscopy. <i>Japanese Journal of Applied Physics</i> , 1997 , 36, 2833-2836	1.4	13
148	Signatures of in-plane and out-of-plane magnetization generated by synchrotron radiation in magnetically doped and pristine topological insulators. <i>Physical Review B</i> , 2018 , 97,	3.3	12
147	Tunable spin current due to bulk insulating property in the topological insulator $\text{Tl}_{1-x}\text{Bi}_x\text{Se}_2$. <i>Physical Review B</i> , 2015 , 91,	3.3	12
146	Ti 3dOrbital Change Across Metal-Insulator Transition in Ti ₂ O ₃ : Polarization-Dependent Soft X-ray Absorption Spectroscopy at Ti 2pEdge. <i>Journal of the Physical Society of Japan</i> , 2006 , 75, 053702	1.5	12
145	2p resonance photoemission and Auger features in NiS ₂ and FeS ₂ . <i>Physical Review B</i> , 1999 , 60, 5049-5054	3.3	12
144	Manipulation of saturation magnetization and perpendicular magnetic anisotropy in epitaxial Co _x Mn _{4-x} N films with ferrimagnetic compensation. <i>Physical Review B</i> , 2020 , 101,	3.3	11
143	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
142	High resolution photoemission study of CeRu ₂ Si ₂ . <i>Solid State Communications</i> , 1997 , 103, 659-662	1.6	11
141	Spin polarized d surface resonance state of fcc Co/Cu(001). <i>New Journal of Physics</i> , 2008 , 10, 125032	2.9	11
140	Electronic structure of CoSe ₂ studied by photoemission spectroscopy using synchrotron radiation. <i>Solid State Communications</i> , 2001 , 118, 563-567	1.6	11
139	Temperature-Dependent Change of Correlated Electronic States in Yb ₄ As ₃ and Yb ₄ (As _{1-x} Sb _x) ₃ Probed by High Resolution Photoemission Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 1998 , 67, 3552-3560	1.5	11

138	Visualizing Half-Metallic Bulk Band Structure with Multiple Weyl Cones of the Heusler Ferromagnet. <i>Physical Review Letters</i> , 2020 , 125, 216403	7.4	10
137	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
136	Lattice instability of Ni-Mn-Ga ferromagnetic shape memory alloys probed by hard X-ray photoelectron spectroscopy. <i>Applied Physics Letters</i> , 2013 , 103, 072403	3.4	10
135	Electronic structures and magnetic moments of Co ₃ FeN thin films grown by molecular beam epitaxy. <i>Applied Physics Letters</i> , 2013 , 103, 232403	3.4	10
134	Resonance and high-resolution photoemission study of CoS ₂ . <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1998 , 88-91, 361-364	1.7	10
133	Mn 2p _{3/2} soft X-ray magnetic circular dichroism study of Mn ₅ Ge ₃ . <i>Physica B: Condensed Matter</i> , 2004 , 351, 341-343	2.8	10
132	Unoccupied electronic states and exchange splitting of M ₂ As (M = Cr, Fe, Mn) and MnAlGe. <i>Solid State Communications</i> , 1993 , 85, 901-905	1.6	10
131	Preferred site occupation of 3d atoms in Ni _x Fe _{4-x} N (x=1 and 3) films revealed by x-ray absorption spectroscopy and magnetic circular dichroism. <i>Physical Review Materials</i> , 2018 , 2,	3.2	10
130	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
129	Anomalously large gap and induced out-of-plane spin polarization in magnetically doped 2D Rashba system: V-doped BiTeI. <i>2D Materials</i> , 2017 , 4, 025055	5.9	9
128	Negative Te spin polarization responsible for ferromagnetic order in the doped topological insulator V _{0.04} (Sb _{1-x} Bi _x) _{1.96} Te ₃ . <i>Physical Review B</i> , 2019 , 99,	3.3	9
127	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
126	Tip-induced band bending effect and local electronic structure of Al nanoclusters on Si(111). <i>Physical Review B</i> , 2008 , 78,	3.3	9
125	Co-induced nano-structures on Si(111) surface. <i>Applied Surface Science</i> , 2008 , 254, 7684-7687	6.7	9
124	Photoemission study of valence band dispersions in charge density wave material 1T-TaS ₂ . <i>Physica B: Condensed Matter</i> , 2004 , 351, 265-267	2.8	9
123	Resonance Photoemission Spectroscopy of Mn ₂ As, Cr ₂ As and Fe ₂ As. <i>Japanese Journal of Applied Physics</i> , 1992 , 31, L1767-L1770	1.4	9
122	Highly anisotropic interlayer magnetoresistance in ZrSiS nodal-line Dirac semimetal. <i>Physical Review B</i> , 2019 , 100,	3.3	8
121	Dirac cone intensity asymmetry and surface magnetic field in V-doped and pristine topological insulators generated by synchrotron and laser radiation. <i>Scientific Reports</i> , 2018 , 8, 6544	4.9	8

120	Spin-dependent electronic band structure of Co/Cu(001) with different film thicknesses. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 225001	1.8	8
119	Magnetic dead layers in Fe films induced by a lattice mismatch at an interface. <i>Physica B: Condensed Matter</i> , 2004 , 351, 324-327	2.8	8
118	Electronic structure of YbXCu(4) (X = In, Cd, Mg) investigated by high-resolution photoemission spectroscopy. <i>Journal of Synchrotron Radiation</i> , 2002 , 9, 229-32	2.4	8
117	Soft X-ray magnetic circular dichroism study of the ferromagnetic spinel-type Cr chalcogenides. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2001 , 114-116, 789-793	1.7	8
116	Enhanced photovoltage on the surface of topological insulator via optical aging. <i>Applied Physics Letters</i> , 2018 , 112, 192104	3.4	8
115	Precise determination of two-carrier transport properties in the topological insulator TlBiSe ₂ . <i>Physical Review B</i> , 2015 , 91,	3.3	7
114	Spin-dependent occupied surface state of Fe(001). <i>Solid State Communications</i> , 1998 , 109, 129-133	1.6	7
113	Design Concept and Performance of the Soft X-ray Beamline HiSOR-BL14. <i>AIP Conference Proceedings</i> , 2007 ,	0	7
112	Photoemission study of EuS/PbS electronic structure. <i>Journal of Alloys and Compounds</i> , 2004 , 362, 198-201	2.1	7
111	Spin-resolved core-level and valence-band photoemission spectroscopy of ferromagnetic MnAs. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1999 , 101-103, 383-387	1.7	7
110	Prolonged photo-carriers generated in a massive-and-anisotropic Dirac material. <i>Scientific Reports</i> , 2018 , 8, 9073	4.9	7
109	Neutron and synchrotron studies of structure and magnetism of Shape Memory Alloys. <i>Journal of Physics: Conference Series</i> , 2015 , 663, 012014	0.3	6
108	Symmetry induced peculiar Rashba effect on thallium adsorbed Si(1 1 1) surfaces. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2015 , 201, 88-91	1.7	6
107	Surface electronic structure of the NdB ₆ (110) clean surface studied by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 1997 , 56, 7660-7664	3.3	6
106	High resolution photoemission study of Nd _{0.5} Sr _{0.5} MnO ₃ : Temperature dependence and resonance spectra. <i>Physica B: Condensed Matter</i> , 1997 , 237-238, 413-414	2.8	6
105	Spin- and angle-resolved photoemission spectroscopy of ferromagnetic MnAs. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1998 , 88-91, 207-212	1.7	6
104	Magnetism of Fe films grown on Co(100) studied by spin-resolved Fe 3s photoemission. <i>Physical Review B</i> , 2006 , 73,	3.3	6
103	Soft X-Ray Magnetic Circular Dichroism of c(2×) CuMn Ordered Surface Alloy. <i>Japanese Journal of Applied Physics</i> , 2003 , 42, 4692-4694	1.4	6

102	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	1.8	6
101	Spin and orbital electronic states of Sm 4f electrons in (Sm, Gd)Al ₂ . <i>Physica B: Condensed Matter</i> , 2004 , 351, 333-337	2.8	6
100	Orbital magnetic moment of half-metallic Co ₂ MnGe. <i>Physica B: Condensed Matter</i> , 2004 , 351, 347-350	2.8	6
99	Spin-polarized surface state of MnSb(0 0 0 1). <i>New Journal of Physics</i> , 2005 , 7, 111-111	2.9	6
98	Bonding nature between oxygen and sodium on Si(113) surface. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1998 , 16, 1073-1077	2.9	6
97	Magnetic Circular Dichroism of Ni-Pd Alloys in Ni2p,3p, Pd3p, and4pCore Excitation Regions: Enhancement of Ni3dOrbital Moment. <i>Journal of the Physical Society of Japan</i> , 1995 , 64, 934-943	1.5	6
96	Sample-dependent Dirac-point gap in MnBi ₂ Te ₄ and its response to applied surface charge: A combined photoemission and ab initio study. <i>Physical Review B</i> , 2021 , 104,	3.3	6
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