

Akio Kimura

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Non-monotonic variation of the Kramers point band gap with increasing magnetic doping in BiTeI. <i>Scientific Reports</i> , 2021 , 11, 23332	4.9	2
244	Ultrafast surface Dirac fermion dynamics of Sb ₂ Te ₃ -based topological insulators. <i>Progress in Surface Science</i> , 2021 , 96, 100628	6.6	0
243	Microstructures and Interface Magnetic Moments in MnVAI/Fe Layered Films Showing Exchange Bias. <i>Nanomaterials</i> , 2021 , 11,	5.4	1
242	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
241	Persistence of the Topological Surface States in Bi ₂ Se ₃ against Ag Intercalation at Room Temperature. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 1784-1792	3.8	0
240	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
239	A new approach for synthesis of epitaxial nano-thin Pt ₅ Gd alloy via intercalation underneath a graphene. <i>Applied Surface Science</i> , 2020 , 526, 146687	6.7	0
238	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
237	Topologically Nontrivial Phase-Change Compound GeSbTe. <i>ACS Nano</i> , 2020 , 14, 9059-9065	16.7	3
236	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
235	Spectroscopic evidence of quasi-one-dimensional metallic Rashba spin-split states on the Si(111)5 $\sqrt{3}$ -Au surface. <i>Physical Review B</i> , 2020 , 101,	3.3	2
234	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
233	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
232	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
231	Spin-polarized Weyl cones and giant anomalous Nernst effect in ferromagnetic Heusler films. <i>Communications Materials</i> , 2020 , 1,	6	21
230	Highly anisotropic interlayer magnetoresistance in ZrSiS nodal-line Dirac semimetal. <i>Physical Review B</i> , 2019 , 100,	3.3	8
229	Inverted Dirac-electron population for broadband lasing in a thermally activated p-type topological insulator. <i>Physical Review B</i> , 2019 , 99,	3.3	3

228	Negative Te spin polarization responsible for ferromagnetic order in the doped topological insulator V _{0.04} (Sb _{1-x} Bi _x) ₂ Te ₃ . <i>Physical Review B</i> , 2019 , 99,	3-3	9
227	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
226	Magnetic impurity mediated ultrafast electron dynamics in the carrier-density-tuned topological insulator V _{0.04} (Bi _x Sb _{1-x}) ₂ Te ₃ . <i>Physical Review B</i> , 2019 , 99,	3-3	2
225	Magnetic-impurity-induced modifications to ultrafast carrier dynamics in the ferromagnetic topological insulators Sb _{2-x} V _x Te ₃ . <i>New Journal of Physics</i> , 2019 , 21, 093006	2-9	5
224	Bidirectional surface photovoltage on a topological insulator. <i>Physical Review B</i> , 2019 , 100,	3-3	2
223	Element-specific density of states of Co ₂ MnGe revealed by resonant photoelectron spectroscopy. <i>Physical Review B</i> , 2019 , 100,	3-3	1
222	Disentangling orbital and spin textures of surface-derived states in non-symmorphic semimetal HfSiS. <i>Physical Review B</i> , 2019 , 100,	3-3	4
221	Prediction and observation of an antiferromagnetic topological insulator. <i>Nature</i> , 2019 , 576, 416-422	50-4	333
220	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
219	Ultrafast dynamics of an unoccupied surface resonance state in Bi ₂ Te ₂ Se. <i>Physical Review B</i> , 2018 , 97,	3-3	4
218	Gigantic 2D laser-induced photovoltaic effect in magnetically doped topological insulators for surface zero-bias spin-polarized current generation. <i>2D Materials</i> , 2018 , 5, 015015	5-9	3
217	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
216	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
215	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
214	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
213	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
212	Subcycle observation of lightwave-driven Dirac currents in a topological surface band. <i>Nature</i> , 2018 , 562, 396-400	50-4	83
211	Enhanced photovoltage on the surface of topological insulator via optical aging. <i>Applied Physics Letters</i> , 2018 , 112, 192104	3-4	8

210	Shubnikov-de Haas oscillations in p and n-type topological insulator (Bi Sb)Te. <i>Journal of Physics Condensed Matter</i> , 2018 , 30, 265001	1.8	5
209	Prolonged photo-carriers generated in a massive-and-anisotropic Dirac material. <i>Scientific Reports</i> , 2018 , 8, 9073	4.9	7
208	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
207	Prolonged duration of nonequilibrated Dirac fermions in neutral topological insulators. <i>Scientific Reports</i> , 2017 , 7, 14080	4.9	18
206	Direct evidence of hidden local spin polarization in a centrosymmetric superconductor LaO FBiS. <i>Nature Communications</i> , 2017 , 8, 1919	17.4	29
205	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
204	Experimental realization of type-II Weyl state in noncentrosymmetric TaIrTe ₄ . <i>Physical Review B</i> , 2017 , 95,	3.3	68
203	Orbital-symmetry-selective spin characterization of Dirac-cone-like state on W(110). <i>Physical Review B</i> , 2016 , 93,	3.3	25
202	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
201	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
200	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
199	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
198	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
197	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
196	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
195	Tunable spin current due to bulk insulating property in the topological insulator Tl _{1-x} Bi _{1+x} Se ₂ . <i>Physical Review B</i> , 2015 , 91,	3.3	12
194	Precise determination of two-carrier transport properties in the topological insulator TlBiSe ₂ . <i>Physical Review B</i> , 2015 , 91,	3.3	7
193	Spin-orbit influence on dz ² -type surface state at Ta(110). <i>Physical Review B</i> , 2015 , 92,	3.3	4

192	Spectroscopic evidence of band Jahn-Teller distortion upon martensitic phase transition in Heusler-type Ni-Fe(Co)-Ga ferromagnetic shape-memory alloy films. <i>Physical Review B</i> , 2015 , 91,	3.3	4
191	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
190	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
189	Drastic change in density of states upon martensitic phase transition for metamagnetic shape memory alloy Ni ₂ Mn(1+x)In(1-x). <i>Journal of Physics Condensed Matter</i> , 2015 , 27, 362201	1.8	5
188	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
187	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
186	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
185	In-situ Studies of Structure and Magnetic Properties of Co Clusters on Au(111). <i>E-Journal of Surface Science and Nanotechnology</i> , 2014 , 12, 129-132	0.7	
184	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
183	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
182	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
181	Surface Electronic Structures of Topological Insulators Probed by Spin- and Angle- Resolved Photoelectron Spectroscopy. <i>Journal of the Vacuum Society of Japan</i> , 2014 , 57, 249-258		1
180	Unoccupied topological surface state in Bi ₂ Te ₂ Se. <i>Physical Review B</i> , 2013 , 88,	3.3	19
179	Experimental evidence of hidden topological surface states in PbBi ₄ Te ₇ . <i>Physical Review Letters</i> , 2013 , 111, 206803	7.4	33
178	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
177	Magnetic phase diagram of Heusler alloys Pd ₂ Mn _{1+x} Sn _{1-x} . <i>Journal of Alloys and Compounds</i> , 2013 , 554, 335-339	5.7	5
176	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
175	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

174	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
173	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
172	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
171	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
170	Observation of a highly spin-polarized topological surface state in GeBi ₂ Te ₄ . <i>Physical Review B</i> , 2012 , 86,	3.3	37
169	End station for nanoscale magnetic materials study: combination of scanning tunneling microscopy and soft X-ray magnetic circular dichroism spectroscopy. <i>Review of Scientific Instruments</i> , 2012 , 83, 123903	1.7	2
168	Martensitic transition of Mn-rich Pd _{1-x} Mn _x N alloy. <i>Journal of Alloys and Compounds</i> , 2012 , 541, 392-395	5.7	5
167	Interface atomic structures and magnetic anisotropy of Fe and Pd/Fe monatomic films on Pd(001). <i>Physical Review B</i> , 2012 , 85,	3.3	5
166	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
165	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
164	Experimental verification of PbBi ₂ Te ₄ as a 3D topological insulator. <i>Physical Review Letters</i> , 2012 , 108, 206803	7.4	69
163	Massless or heavy due to two-fold symmetry: Surface-state electrons at W(110). <i>Physical Review B</i> , 2012 , 86,	3.3	38
162	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
161	Spin-polarized Dirac-cone-like surface state with d character at W(110). <i>Physical Review Letters</i> , 2012 , 108, 066808	7.4	72
160	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
159	Efficient spin resolved spectroscopy observation machine at Hiroshima Synchrotron Radiation Center. <i>Review of Scientific Instruments</i> , 2011 , 82, 103302	1.7	88
158	Giant Rashba-type spin splitting in bulk BiTeI. <i>Nature Materials</i> , 2011 , 10, 521-6	27	569
157	Magnetic anisotropy of monatomic Co layers on Pd(001) studied by soft X-ray magnetic circular dichroism. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2011 , 184, 280-283	1.7	5

156	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
155	Spin and orbital magnetic moments of molecular beam epitaxy $\sqrt{2}$ -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
154	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
153	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
152	Spin-polarized semiconductor surface states localized in subsurface layers. <i>Physical Review B</i> , 2010 , 82,	3-3	33
151	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
150	Large Rashba spin splitting of a metallic surface-state band on a semiconductor surface. <i>Nature Communications</i> , 2010 , 1, 17	17-4	181
149	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
148	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
147	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
146	Hexagonally deformed Fermi surface of the 3D topological insulator Bi ₂ Se ₃ . <i>Physical Review Letters</i> , 2010 , 105, 076802	7-4	207
145	Experimental realization of a three-dimensional topological insulator phase in ternary chalcogenide TlBiSe ₃ . <i>Physical Review Letters</i> , 2010 , 105, 146801	7-4	180
144	Absence of temperature dependence of the valence-band spectrum of Co ₂ MnSi. <i>Physical Review B</i> , 2009 , 79,	3-3	30
143	Surface electronic structures of ferromagnetic Ni(111) studied by STM and angle-resolved photoemission. <i>Physical Review B</i> , 2009 , 79,	3-3	14
142	Abrupt rotation of the Rashba spin to the direction perpendicular to the surface. <i>Physical Review Letters</i> , 2009 , 102, 096805	7-4	125
141	Peculiar Rashba splitting originating from the two-dimensional symmetry of the surface. <i>Physical Review Letters</i> , 2009 , 103, 156801	7-4	113
140	Graphene Epitaxially Grown on Vicinal 4H-SiC(0001) Substrates. <i>E-Journal of Surface Science and Nanotechnology</i> , 2009 , 7, 29-34	0-7	3
139	Study of Surface Rashba Effect by Spin- and Angle-Resolved Photoelectron Spectroscopy. <i>Journal of the Vacuum Society of Japan</i> , 2009 , 52, 616-623		

138	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
137	Spin polarized d surface resonance state of fcc Co/Cu(001). <i>New Journal of Physics</i> , 2008 , 10, 125032	2.9	11
136	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
135	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
134	Direct evidence of spin-polarized band structure of Sb(111) surface. <i>Applied Physics Letters</i> , 2008 , 93, 252107	3.4	20
133	Chemical potential shift of Fe ₃ VxSi studied by hard x-ray photoemission. <i>Physical Review B</i> , 2008 , 78,	3.3	3
132	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
131	Co-induced nano-structures on Si(111) surface. <i>Applied Surface Science</i> , 2008 , 254, 7684-7687	6.7	9
130	Spin Reorientation Transition of Fe Ultra-Thin Films on Pd(001) Studied by X-Ray Magnetic Circular Dichroism Spectroscopy. <i>E-Journal of Surface Science and Nanotechnology</i> , 2008 , 6, 246-250	0.7	5
129	Growth Mode and Surface Structure of Cr Ultrathin Film on Fe/Cu(001). <i>E-Journal of Surface Science and Nanotechnology</i> , 2008 , 6, 251-253	0.7	
128	Surface quantum well state at the striped Cu(110)(2 \times 1)O surface studied by angle resolved photoemission spectroscopy. <i>Surface Science</i> , 2007 , 601, 4041-4044	1.8	5
127	Temperature dependent quantum well state on Cu(110)(2 \times 1) striped surface studied by angle resolved photoelectron spectroscopy. <i>Surface Science</i> , 2007 , 601, 5254-5257	1.8	4
126	Design Concept and Performance of the Soft X-ray Beamline HiSOR-BL14. <i>AIP Conference Proceedings</i> , 2007 ,	0	7
125	Electron correlation and magnetic properties of c(2 \times 2)CuMnCu(001) two-dimensional surface alloys. <i>Physical Review B</i> , 2007 , 76,	3.3	3
124	Modification of structural and magnetic properties for FeCu(001) by Cr adsorbates. <i>Physical Review B</i> , 2007 , 76,	3.3	2
123	Electronic structures of 1T \times 1S ₂ and the intercalation compound Ni1BTiS ₂ from x-ray spectroscopies: Electron correlation and hybridization effects. <i>Physical Review B</i> , 2007 , 76,	3.3	2
122	Intermediate surface structure of Al nanoclusters restricted to Si(111) half-unit cells observed via scanning tunneling microscopy. <i>Physical Review B</i> , 2007 , 76,	3.3	5
121	Direct observation of spin splitting in bismuth surface states. <i>Physical Review B</i> , 2007 , 76,	3.3	148

120	Ti 3dOrbital Change Across MetalInsulator Transition in Ti2O3: 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
119	Local Electronic Structure of Al Nanocluster Array Fabricated on Si(111)7 × 7 Surface. <i>Japanese Journal of Applied Physics</i> , 2006 , 45, 2271-2274	1.4	2
118	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
117	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
116	Local environment of Mn atoms in IV-VI ferromagnetic semiconductor Ge1-xMnxTe. <i>Journal of Applied Physics</i> , 2006 , 99, 08D510	2.5	14
115	Electronic structure of ternary ferromagnetic compounds MnAlGe and MnGaGe. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006 , 3, 2791-2795		
114	Electronic structures of Fe3-xVx Si probed by photoemission spectroscopy. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006 , 203, 2765-2768	1.6	5
113	Hard X-ray photoemission spectroscopy of pyrochlore molybdenum oxides R2Mo2O7 (R=Sm, Tb). <i>Physica B: Condensed Matter</i> , 2006 , 383, 152-154	2.8	4
112	Site-resolved electronic structure of Al nanocluster fabricated on Si(111)7 × 7 surface. <i>E-Journal of Surface Science and Nanotechnology</i> , 2006 , 4, 208-212	0.7	2
111	Cr adsorption effect of magnetic property of Fe/Cu(001). <i>E-Journal of Surface Science and Nanotechnology</i> , 2006 , 4, 345-351	0.7	2
110	Spin-polarized surface state of MnSb(0 0 0 1). <i>New Journal of Physics</i> , 2005 , 7, 111-111	2.9	6
109	Temperature dependence of spin and orbital magnetic moments of Sm 4f electrons in (Sm, Gd)Al2. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005 , 144-147, 749-752	1.7	1
108	Cr 2p XMCD spectra of ferromagnetic Cr1-xTe: A configuration interaction picture. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005 , 144-147, 745-747	1.7	1
107	The performance test of spin-resolved photoelectron spectrometer at HSRC. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005 , 144-147, 997-999	1.7	4
106	Mn 3d states in ferromagnetic semiconductor Ge1-xMnxTe investigated by Mn 2p-3d soft X-ray magnetic circular dichroism spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005 , 144-147, 727-729	1.7	5
105	Co 2p3d resonant photoemission spectroscopy of CoSb3. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005 , 144-147, 663-666	1.7	2
104	Soft x-ray magnetic circular dichroism study of Cr tellurides. <i>Journal of Applied Physics</i> , 2005 , 97, 10A3162.5		3
103	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

102	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
101	Resonant photoemission of Ga _{1-x} Mn _x As at the Mn L edge. <i>Physical Review B</i> , 2004 , 69,	3.3	42
100	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
99	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
98	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
97	Mn 2p β d 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
96	Oxygen adsorption effect on the Mn 2p XAS and XMCD spectra of c(2 \times)CuMn/Cu(001) two-dimensional surface alloy. <i>Physica B: Condensed Matter</i> , 2004 , 351, 355-357	2.8	2
95	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
94	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
93	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
92	Soft X-ray magnetic circular dichroism study of Cr ₅ S ₆ . <i>Physica B: Condensed Matter</i> , 2004 , 351, 344-346	2.8	1
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