

Akio Kimura

List of Publications by Year in descending order

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257
papers

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citations

66343

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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.	27.5	711
2	Prediction and observation of an antiferromagnetic topological insulator. Nature, 2019, 576, 416-422.	27.8	701
3	Core-level photoemission study of Ga _{1-x} MnxAs. Physical Review B, 1998, 58, R4211-R4214.	3.2	276
4	Hexagonally Deformed Fermi Surface of the 3D Topological Insulator Bi_2Se_3 Physical Review Letters, 2010, 105, 076802.	7.8	232
5	Experimental Realization of a Three-Dimensional Topological Insulator Phase in Ternary Chalcogenide TBiSe_2 Physical Review Letters, 2010, 105, 146801.	7.8	219
6	Large Rashba spin splitting of a metallic surface-state band on a semiconductor surface. Nature Communications, 2010, 1, 17.	12.8	206
7	Role of Electronic Structure in the Martensitic Phase Transition of Ni_2Mn_9 by Hard-X-Ray Photoelectron Spectroscopy and <i>ab initio</i> Calc. Physical Review Letters, 2010, 104, 176401.	7.8	119
8	Direct observation of spin splitting in bismuth surface states. Physical Review B, 2007, 76, .	3.2	163
9	Subcycle observation of lightwave-driven Dirac currents in a topological surface band. Nature, 2018, 562, 396-400.	27.8	154
10	Tunable 3D/2D magnetism in the (MnBi ₂ Te ₄)(Bi ₂ Te ₃) _m topological insulators family. Npj Quantum Materials, 2020, 5, .	5.2	138
11	Abrupt Rotation of the Rashba Spin to the Direction Perpendicular to the Surface. Physical Review Letters, 2009, 102, 096805.	7.8	137
12	Peculiar Rashba Splitting Originating from the Two-Dimensional Symmetry of the Surface. Physical Review Letters, 2009, 103, 156801.	7.8	124
13	Angle-resolved photoemission study of Ga _{1-x} MnxAs. Physical Review B, 2001, 64, .	3.2	122
14	Mn 3d partial density of states in Ga _{1-x} MnxAs studied by resonant photoemission spectroscopy. Physical Review B, 1999, 59, R2486-R2489.	3.2	118
15	Efficient spin resolved spectroscopy observation machine at Hiroshima Synchrotron Radiation Center. Review of Scientific Instruments, 2011, 82, 103302.	1.3	101
16	Experimental realization of type-II Weyl state in noncentrosymmetric TaIrTe_4 Physical Review B, 2017, 95, .	7.8	101
17	Surface Scattering via Bulk Continuum States in the 3D Topological Insulator Bi_2Se_3 Physical Review Letters, 2011, 107, 056803.	7.8	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.	7.8	92

#	ARTICLE	IF	CITATIONS
19	Experimental Verification of a 3D Topological Insulator. Physical Review Letters, 2012, 108, 206803.	7.8	90
20	Topological Surface States with Persistent High Spin Polarization across the Dirac Point in Bi_2Te_3 . Physical Review Letters, 2012, 108, 066808.	7.8	84
21	Spin-Polarized Dirac Cone-Like Surface State with Bi_2Se_3 Character at $W(110)$. Physical Review Letters, 2012, 108, 066808.	7.8	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.	7.8	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.	3.2	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.	2.9	62
25	Nature of the Dirac gap modulation and surface magnetic interaction in axion antiferromagnetic topological insulator MnBi_2Te_4 . Scientific Reports, 2020, 10, 13226.	3.3	62
26	Quasiparticle interference on the surface of Bi_2Se_3 induced by cobalt adatom in the absence of ferromagnetic ordering. Physical Review B, 2012, 85, .	3.2	61
27	A new compact electron spin polarimeter with a high efficiency. Review of Scientific Instruments, 1997, 68, 4390-4395.	1.3	60
28	Ultrafast electron dynamics at the Dirac node of the topological insulator Sb_2Te_3 . Scientific Reports, 2015, 5, 13213.	3.3	60
29	Low-Energy Electronic Structure of the Kondo Insulator YbB_{12} . Physical Review Letters, 1996, 77, 4269-4272.	7.8	58
30	Soft x-ray magnetic circular dichroism study of the ferromagnetic spinel-type Cr chalcogenides. Physical Review B, 2001, 63, .	3.2	57
31	Spin-polarized Weyl cones and giant anomalous Nernst effect in ferromagnetic Heusler films. Communications Materials, 2020, 1, .	6.9	57
32	In-gap Electronic States Responsible for the Excellent Thermoelectric Properties of Ni-based Half-Heusler Alloys. Applied Physics Express, 0, 1, 081901.	2.4	56
33	Signatures of temperature driven antiferromagnetic transition in the electronic structure of topological insulator MnBi_2Te_4 . APL Materials, 2020, 8, .	5.1	56
34	Bonding state of the C_{60} molecule adsorbed on a $\text{Si}(111)\sqrt{7\times 7}$ surface. Physical Review B, 1998, 58, 13951-13956.	3.2	55
35	Large out-of-plane spin polarization in a spin-splitting one-dimensional metallic surface state on $\text{Si}(557)\text{-Au}$. Physical Review B, 2010, 82, .	3.2	55
36	Spin- and Angle-Resolved Photoemission of Strongly Spin-Orbit Coupled Systems. Journal of the Physical Society of Japan, 2013, 82, 021002.	1.6	54

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37	Carrier-mediated ferromagnetism in the magnetic topological insulator Cr-doped (Sb,Bi) ₂ Te ₃ . Nature Communications, 2015, 6, 8913.	12.8	53
38	Observation of a highly spin-polarized topological surface state in GeBi ₂ Te ₃ . Physical Review B, 2012, 86, .	3.2	52
39	Direct evidence of hidden local spin polarization in a centrosymmetric superconductor LaO _{0.55} F _{0.45} BiS ₂ . Nature Communications, 2017, 8, 1919.	12.8	52
40	Temperature dependence of the electronic structure of C ₆₀ films adsorbed on Si(001) and Si(111) surfaces. Physical Review B, 1999, 60, 2579-2591.	3.2	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.	2.9	47
42	Sample-dependent Dirac-point gap in MnBi ₂ Te ₃ and its response to applied surface charge: A combined photoemission and <i>ab initio</i> study. Physical Review B, 2021, 104, .	3.2	46
43	Massless or heavy due to two-fold symmetry: Surface-state electrons at W(110). Physical Review B, 2012, 86, .	3.2	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, .	3.2	42
45	Determination of the Orbital Polarization in YTiO ₃ by Using Soft X-Ray Linear Dichroism. Physical Review Letters, 2004, 93, 257207.	7.8	42
46	Resonant photoemission of Ga _{1-x} Mn _x As at the Mn Ledge. Physical Review B, 2004, 69, .	3.2	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.	1.7	42
48	Spin-polarized semiconductor surface states localized in subsurface layers. Physical Review B, 2010, 82, .	3.2	39
49	Experimental Evidence of Hidden Topological Surface States in PbBi ₄ Te ₃ . Physical Review Letters, 2013, 111, 206803.	7.8	39
50	Electronic structure of Ga _{1-x} Mn _x As studied by angle-resolved photoemission spectroscopy. Physica E: Low-Dimensional Systems and Nanostructures, 2001, 10, 192-195.	2.7	36
51	Atomic correlations in itinerant ferromagnets: Quasi-particle bands of nickel. Europhysics Letters, 2003, 61, 667-673.	2.0	36
52	Absence of temperature dependence of the valence-band spectrum of Co ₂ . Physical Review B, 2009, 79, .	3.2	36
53	Spin and orbital magnetic moments of molecular beam epitaxy $\hat{\Gamma}^2$ -Fe ₄ N films on LaAlO ₃ (001) and MgO(001) substrates by x-ray magnetic circular dichroism. Applied Physics Letters, 2011, 98, .	3.3	36
54	Ultrafast energy- and momentum-resolved surface Dirac photocurrents in the topological insulator Sb ₂ . Physical Review B, 2017, 95, .	3.2	36

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55	Correlation satellite driven by reduced dimensionality. <i>Europhysics Letters</i> , 1997, 39, 429-434.	2.0	35
56	Direct evidence of ferromagnetism without net magnetization observed by x-ray magnetic circular dichroism. <i>Physical Review B</i> , 2004, 70, .	3.2	35
57	The self-calibration of a retarding-type Mott spin polarimeter with a large collection angle. <i>Review of Scientific Instruments</i> , 2006, 77, 013101.	1.3	33
58	Evaluation of band offset at amorphous-Si/BaSi ₂ interfaces by hard x-ray photoelectron spectroscopy. <i>Journal of Applied Physics</i> , 2016, 119, .	2.5	32
59	Soft X-ray magnetic circular dichroism of Heusler-type alloy Co ₂ MnGe. <i>Solid State Communications</i> , 2003, 128, 163-166.	1.9	31
60	Tuning of magnetic and transport properties in Bi ₂ Te ₃ by divalent Fe doping. <i>Physical Review B</i> , 2013, 87, .	3.2	30
61	Orbital-symmetry-selective spin characterization of Dirac-cone-like state on W(110). <i>Physical Review B</i> , 2016, 93, .	3.2	29
62	Structure and electron correlation of Mn on Ni(110). <i>Physical Review B</i> , 2001, 64, .	3.2	28
63	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, .	2.5	27
64	Prolonged duration of nonequilibrated Dirac fermions in neutral topological insulators. <i>Scientific Reports</i> , 2017, 7, 14080.	3.3	27
65	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, .	3.2	26
66	Interaction of C ₆₀ with Si(111)7 \times 7 and Si(100)2 \times 1 surfaces studied by STM, PES and HREELS: annealing effect. <i>Surface Science</i> , 1999, 438, 242-247.	1.9	24
67	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	24
68	Experimental verification of the surface termination in the topological insulator TlBiSe ₂ using core-level photoelectron spectroscopy and scanning tunneling microscopy. <i>Physical Review B</i> , 2013, 88, .	3.2	24
69	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.	3.3	23
70	Highly anisotropic interlayer magnetoresistance in ZrSiS nodal-line Dirac semimetal. <i>Physical Review B</i> , 2019, 100, .	3.2	23
71	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.	3.2	22
72	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	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. <i>Scientific Reports</i> , 2019, 9, 4813.	3.3	22
74	Direct evidence of spin-polarized band structure of Sb(111) surface. <i>Applied Physics Letters</i> , 2008, 93, 252107.	3.3	21
75	Unoccupied topological surface state in Bi_2Te_3 . <i>Physical Review B</i> , 2013, 88, .	3.2	21
76	Visualizing Half-Metallic Bulk Band Structure with Multiple Weyl Cones of the Heusler Ferromagnet. <i>Physical Review Letters</i> , 2020, 125, 216403.	7.8	21
77	Structure and magnetism of Fe thin films grown on Rh(001) studied by photoelectron spectroscopy. <i>Physical Review B</i> , 2001, 64, .	3.2	20
78	Tunable spin current due to bulk insulating property in the topological insulator $\text{TI} \text{Bi}_{1-x}\text{Sb}_x$. <i>Physical Review B</i> , 2015, 91, .	3.2	20
79	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, .	2.5	20
80	Electronic structures of Mn ₂ Sb and MnAlGe: Photoemission and inverse photoemission spectroscopy. <i>Solid State Communications</i> , 1992, 81, 707-710.	1.9	19
81	Electronic structure of Cr_2X (X=S,Te) studied by Cr 2p soft x-ray magnetic circular dichroism. <i>Physical Review B</i> , 2004, 70, .	3.2	19
82	X-ray magnetic circular dichroism for $\text{Co}_3\text{Fe}_4\text{N}$ ($\text{Co}_3\text{Fe}_4\text{N}$, 3, 4) films grown by molecular beam epitaxy. <i>Journal of Applied Physics</i> , 2014, 115, 17C712.	2.5	19
83	Surface structure and segregation of ordered Pt ₃ Co(110) induced by oxygen. <i>Surface Science</i> , 1998, 401, 336-343.	1.9	18
84	Direct observation of the spin polarization in Au atomic wires on Si(553). <i>New Journal of Physics</i> , 2014, 16, 093030.	2.9	18
85	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, .	2.5	18
86	Manipulation of saturation magnetization and perpendicular magnetic anisotropy in epitaxial $\text{C}_x\text{O}_y\text{M}_z$ ($\text{M}=\text{Mn}, \text{Sb}$) films. <i>Physical Review B</i> , 2013, 88, .	3.2	18
87	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.	3.2	17
88	Angle-resolved photoemission study of Ni-intercalated Ti_2S . <i>Physical Review B</i> , 1999, 60, 1678-1686.	3.2	17
89	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	17
90	Ti 3d Orbital Change Across Metal-Insulator Transition in Ti ₂ O ₃ : Polarization-Dependent Soft X-ray Absorption Spectroscopy at Ti 2p Edge. <i>Journal of the Physical Society of Japan</i> , 2006, 75, 053702.	1.6	17

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91	Photoemission and Absorption Spectroscopy of Mn ₂ Sb, MnAlGe, Mn ₂ As, Cr ₂ As and Fe ₂ As. Journal of the Physical Society of Japan, 1993, 62, 1624-1633.	1.6	16
92	Angle-resolved photoemission study of MxTiS ₂ (M=Mn, Fe, Co, Ni;x=,). Journal of Electron Spectroscopy and Related Phenomena, 1996, 78, 477-480.	1.7	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 PtN _{6,7} core absorption of ferromagneticCoPt ₃ s. Physical Review B, 1997, 55, 3749-3756.	3.2	16
95	Cesium core level binding energy shifts at the O ₂ /Cs/Si(113) surface. Journal of Electron Spectroscopy and Related Phenomena, 1998, 88-91, 733-739.	1.7	16
96	Bonding nature of C ₆₀ adsorbed on Si(111)7 $\sqrt{3}$ –7 and Si(100)2 $\sqrt{2}$ –1 surfaces studied by HREELS and PES. Surface Science, 1999, 427-428, 85-90.	1.9	16
97	Surface electronic structures of ferromagnetic Ni(111) studied by STM and angle-resolved photoemission. Physical Review B, 2009, 79, .	3.2	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, .	3.2	16
99	High resolution photoemission study of CeRu ₂ Si ₂ . Solid State Communications, 1997, 103, 659-662.	1.9	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.	1.6	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.	1.5	15
102	Magnetic Phase Diagram of the Ferromagnetic Shape Memory Alloys Ni ₂ MnGa _{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 BaSi ₂ . Journal of Applied Physics, 2013, 114, 123702.	2.5	15
104	Spin polarization of surface states on W(1 1 0): Combined influence of spin–orbit interaction and hybridization. Journal of Electron Spectroscopy and Related Phenomena, 2015, 201, 53-59.	1.7	15
105	Electronic and spin structure of the wide-band-gap topological insulator: Nearly stoichiometric Bi ₂ Te ₂ S. Physical Review B, 2018, 97, .	3.2	15
106	Topologically Nontrivial Phase-Change Compound GeSb ₂ Te ₄ . ACS Nano, 2020, 14, 9059-9065.	14.6	15
107	Cesium-induced Reconstruction on Si(113)3 $\sqrt{3}$ – 2 Surface Studied by Low Energy Electron Diffraction and X-ray Photoelectron Spectroscopy. Japanese Journal of Applied Physics, 1997, 36, 2833-2836.	1.5	13
108	2p resonance photoemission and Auger features in NiS ₂ and FeS ₂ . Physical Review B, 1999, 60, 5049-5054.	3.2	13

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109	Electronic structure of CoSe ₂ studied by photoemission spectroscopy using synchrotron radiation. Solid State Communications, 2001, 118, 563-567.	1.9	13
110	Lattice instability of Ni-Mn-Ga ferromagnetic shape memory alloys probed by hard X-ray photoelectron spectroscopy. Applied Physics Letters, 2013, 103, .	3.3	13
111	Magnetic-impurity-induced modifications to ultrafast carrier dynamics in the ferromagnetic topological insulators Sb ₂ Te ₃ . New Journal of Physics, 2019, 21, 093006.	2.9	13
112	Preferred site occupation of d atoms in Ni ₂ Te ₃ Te ₃ . Physical Review B, 2019, 100, 040401.	2.4	13
113	Resonance and high-resolution photoemission study of CoS ₂ . Journal of Electron Spectroscopy and Related Phenomena, 1998, 88-91, 361-364.	1.7	12
114	Mn 2p soft X-ray magnetic circular dichroism study of Mn ₅ Ge ₃ . Physica B: Condensed Matter, 2004, 351, 341-343.	2.7	12
115	Photoemission study of valence band dispersions in charge density wave material 1T-TaS ₂ . Physica B: Condensed Matter, 2004, 351, 265-267.	2.7	12
116	Enhanced photovoltage on the surface of topological insulator via optical aging. Applied Physics Letters, 2018, 112, .	3.3	12
117	Negative Te spin polarization responsible for ferromagnetic order in the doped topological insulator Sb ₂ Te ₃ . Physical Review B, 2019, 99, .	3.2	12
118	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. Journal of the Physical Society of Japan, 1998, 67, 3552-3560.	1.6	11
119	Electronic structure of YbXCu ₄ (X= In, Cd, Mg) investigated by high-resolution photoemission spectroscopy. Journal of Synchrotron Radiation, 2002, 9, 229-232.	2.4	11
120	Spin polarized d surface resonance state of fcc Co/Cu(001). New Journal of Physics, 2008, 10, 125032.	2.9	11
121	Tip-induced band bending effect and local electronic structure of Al nanoclusters on Si(111). Physical Review B, 2008, 78, .	3.2	11
122	Electronic structures and magnetic moments of Co ₃ FeN thin films grown by molecular beam epitaxy. Applied Physics Letters, 2013, 103, .	3.3	11
123	The gigantic Rashba effect of surface states energetically buried in the topological insulator Bi ₂ Te ₂ Se. New Journal of Physics, 2014, 16, 065016.	2.9	11
124	Prolonged photo-carriers generated in a massive-and-anisotropic Dirac material. Scientific Reports, 2018, 8, 9073.	3.3	11
125	Bidirectional surface photovoltage on a topological insulator. Physical Review B, 2019, 100, .	3.2	11
126	Unoccupied electronic states and exchange splitting of M ₂ As (M = Cr, Fe, Mn) and MnAlGe. Solid State Communications, 1993, 85, 901-905.	1.9	10

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127	Co-induced nano-structures on Si(111) surface. Applied Surface Science, 2008, 254, 7684-7687.	6.1	10
128	Precise determination of two-carrier transport properties in the topological insulator Bi_2Te_3 . Physical Review B, 2015, 91, .	3.2	10
129	Anomalously large gap and induced out-of-plane spin polarization in magnetically doped 2D Rashba system: V-doped BiTe_2 . 2D Materials, 2017, 4, 025055.	4.4	10
130	Dirac cone intensity asymmetry and surface magnetic field in V-doped and pristine topological insulators generated by synchrotron and laser radiation. Scientific Reports, 2018, 8, 6544.	3.3	10
131	Observation of Peculiar Rashba-Type Spin-Split Band on $\text{Bi}(111)$ Surface by High-Resolution Spin- and Angle-Resolved Photoemission Spectroscopy. E-Journal of Surface Science and Nanotechnology, 2012, 10, 153-156.	0.4	10
132	Resonance Photoemission Spectroscopy of Mn_2As , Cr_2As and Fe_2As . Japanese Journal of Applied Physics, 1992, 31, L1767-L1770.	1.5	9
133	Design Concept and Performance of the Soft X-ray Beamline HiSOR-BL14. AIP Conference Proceedings, 2007, . .	0.4	9
134	Magnetic phase diagram of Heusler alloys $\text{Pd}_2\text{Mn}_{1+x}\text{Sn}_{1-x}$. Journal of Alloys and Compounds, 2013, 554, 335-339.	5.5	9
135	Perpendicular magnetic anisotropy with enhanced orbital moments of Fe adatoms on a topological surface of Bi_2Se_3 . Journal of Physics Condensed Matter, 2013, 25, 232201.	1.8	9
136	Surface electronic structure of the NdBi clean surface studied by angle-resolved photoemission spectroscopy. Physical Review B, 1997, 56, 7660-7664.	3.2	8
137	Spin-dependent occupied surface state of $\text{Fe}(001)$. Solid State Communications, 1998, 109, 129-133.	1.9	8
138	Spin-resolved core-level and valence-band photoemission spectroscopy of ferromagnetic MnAs . Journal of Electron Spectroscopy and Related Phenomena, 1999, 101-103, 383-387.	1.7	8
139	Soft X-ray magnetic circular dichroism study of the ferromagnetic spinel-type Cr chalcogenides. Journal of Electron Spectroscopy and Related Phenomena, 2001, 114-116, 789-793.	1.7	8
140	Magnetic dead layers in Fe films induced by a lattice mismatch at an interface. Physica B: Condensed Matter, 2004, 351, 324-327.	2.7	8
141	Spin-dependent electronic band structure of $\text{Co}/\text{Cu}(001)$ with different film thicknesses. Journal of Physics Condensed Matter, 2008, 20, 225001.	1.8	8
142	Martensitic transition of Mn-rich $\text{Pd}_{1-x}\text{Mn}_x\text{Sn}$ alloy. Journal of Alloys and Compounds, 2012, 541, 392-395.	5.5	8
143	Shubnikov-de Haas oscillations in p - and n -type topological insulator (Bi_2Te_3). Journal of Applied Physics, 2018, 30, 265001.	1.8	8
144	Magnetic Circular Dichroism of Ni-Pd Alloys in $2p$, $3p$, and $4p$ Core Excitation Regions: Enhancement of $3d$ Orbital Moment. Journal of the Physical Society of Japan, 1995, 64, 934-943.	1.6	7

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145	Spin- and angle-resolved photoemission spectroscopy of ferromagnetic MnAs. Journal of Electron Spectroscopy and Related Phenomena, 1998, 88-91, 207-212.	1.7	7
146	Bonding nature between oxygen and sodium on Si(113) surface. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1998, 16, 1073-1077.	2.1	7
147	X-ray magnetic circular dichroism at L23 edge of Co nanoclusters on Si(111) surface. Journal of Physics Condensed Matter, 2004, 16, S5783-S5786.	1.8	7
148	Photoemission study of EuS/PbS electronic structure. Journal of Alloys and Compounds, 2004, 362, 198-201.	5.5	7
149	Spin-polarized surface state of MnSb(0001). New Journal of Physics, 2005, 7, 111-111.	2.9	7
150	Electronic structures of Fe ₃ -xVxSi probed by photoemission spectroscopy. Physica Status Solidi (A) Applications and Materials Science, 2006, 203, 2765-2768.	1.8	7
151	Magnetism of Fe films grown on Co(100) studied by spin-resolved Fe ₃ sphotoemission. Physical Review B, 2006, 73, .	3.2	7
152	Spin-orbit influence on d ₂ -type surface state at Ta(110). Physical Review B, 2015, 92, .	3.2	7
153	Drastic change in density of states upon martensitic phase transition for metamagnetic shape memory alloy Ni ₂ Mn _{1+x} In ₁ . Journal of Physics Condensed Matter, 2015, 27, 362201.	1.8	7
154	Neutron and synchrotron studies of structure and magnetism of Shape Memory Alloys. Journal of Physics: Conference Series, 2015, 663, 012014.	0.4	7
155	Inverted Dirac-electron population for broadband lasing in a thermally activated π -type topological insulator. Physical Review B, 2019, 99, .	3.2	7
156	High resolution photoemission study of Nd _{0.5} Sr _{0.5} MnO ₃ : Temperature dependence and resonance spectra. Physica B: Condensed Matter, 1997, 237-238, 413-414.	2.7	6
157	Soft X-Ray Magnetic Circular Dichroism of c(2 $\sqrt{2}$ \times 2) CuMn Ordered Surface Alloy. Japanese Journal of Applied Physics, 2003, 42, 4692-4694.	1.5	6
158	Spin and orbital electronic states of Sm 4f electrons in (Sm, Gd)Al ₂ . Physica B: Condensed Matter, 2004, 351, 333-337.	2.7	6
159	Orbital magnetic moment of δ -metallic-Co ₂ MnGe. Physica B: Condensed Matter, 2004, 351, 347-350.	2.7	6
160	Mn 3d states in ferromagnetic semiconductor Ge _{1-x} MnxTe investigated by Mn 2p-3d soft X-ray magnetic circular dichroism spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 727-729.	1.7	6
161	Magnetic properties of c -type CuMn ₂ As ₆	3.2	6
162	Interface atomic structures and magnetic anisotropy of Fe and Pd/Fe monatomic films on Pd(001). Physical Review B, 2012, 85, .	3.2	6

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163	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, .	3.2	6
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