

Byung Il Min

List of Publications by Year in descending order

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251
papers

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57631

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252
all docs

252
docs citations

252
times ranked

7903
citing authors

#	ARTICLE	IF	CITATIONS
1	Band theoretical approaches to topological physics in strongly-correlated f-electron Kondo systems. Journal of Physics Condensed Matter, 2022, , .	0.7	1
2	Temperature-dependent electronic structure and topological property of the Kondo semimetal CeFe ₂ Al ₁₀ . Physical Review B, 2021, 103, .	1.1	4
3	Topological surface states on the nonpolar (110) and (111) surfaces of SmB_6 . Physical Review B, 2021, 103, .	1.1	4
4	Angle-resolved photoemission spectroscopy study of rare-earth tritelluride charge density wave compounds: RTe_3 (R = Pr, Er). Electronic Structure, 2021, 3, 024003.	1.0	3
5	Angle-resolved photoemission spectroscopy study of a system with a double charge density wave transition: ErTe_3 . Physical Review B, 2021, 104, .	1.1	4
6	Unusual Pressure-Induced Quantum Phase Transition from Superconducting to Charge-Density Wave State in Rare-Earth-Based Heusler LuPd_2Si_2 Compound. Physical Review Letters, 2020, 125, 157001.	2.9	4
7	Wallpaper Dirac Fermion in a Nonsymmorphic Topological Kondo Insulator: PuB_4 . Journal of the American Chemical Society, 2020, 142, 19278-19282.	6.6	5
8	Nearly room temperature ferromagnetism in a magnetic metal-rich van der Waals metal. Science Advances, 2020, 6, eaay8912.	4.7	172
9	Distinct topological properties in Ce monopnictides having correlated f-electrons: CeN vs. CeBi. Physical Review Research, 2020, 2, .	1.3	9
10	Temperature-dependent angle-resolved photoemission spectroscopy study of the Ce CeRhAs states in a possible topological Kondo insulator CeRhAs . Physical Review B, 2020, 102, .	1.1	9
11	Angle-resolved photoemission spectroscopy study of the M $\bar{1}$ Kondo insulator candidate CeRhSb . Physical Review B, 2019, 100, .	1.1	9
12	Strongly anisotropic high-temperature Fermi surface of the Kondo semimetal CeNiSn revealed by angle-resolved photoemission spectroscopy. Physical Review B, 2019, 100, .	1.1	8
13	Topological bulk band structures of the hourglass and Dirac nodal-loop types in Ce Kondo systems: CeNiSn , CeRhAs , and CeRhSb . Physical Review B, 2019, 99, .	1.1	13
14	Strong interband interaction in the excitonic insulator phase of Ta_2Te_5 . Physical Review B, 2019, 99, .	1.1	13
15	Pressure-induced phase transitions and superconductivity in magnesium carbides. Scientific Reports, 2019, 9, 20253.	1.6	4
16	Topological phase transition in the archetypal f-electron correlated system of cerium. Physical Review B, 2019, 100, .	1.1	13
17	Multiple topological Dirac cones in a mixed-valent Kondo semimetal: g-SmS. Physical Review Materials, 2019, 3, .	0.9	11
18	Importance of the van Hove singularity in superconducting PdTe_2 . Physical Review B, 2018, 97, .	0.7	1

#	ARTICLE	IF	CITATIONS
19	Is the ground state of 5 d 4 double-perovskite Iridate Ba ₂ YIrO ₆ magnetic or nonmagnetic?. Journal of Magnetism and Magnetic Materials, 2018, 454, 66-70.	1.0	8
20	Persistent Charge-Density-Wave Order in Single-Layer TaSe ₂ . Nano Letters, 2018, 18, 689-694.	4.5	108
21	Magnetism in $\hat{I}\pm$ -RuCl ₃ : Dependence on Coulomb Interaction and Hund's Coupling. Journal of the Korean Physical Society, 2018, 73, 1691-1697.	0.3	1
22	Charge density wave in LuP ₂ In (P=Pt, Pd) induced by electron-phonon interaction. Physical Review B, 2018, 98, .	1.1	5
23	Observation of the coherent quasiparticle states in SrRu _{1-x} Ir _x O ₃ films via polarization-dependent soft X-ray absorption spectroscopy. Journal of Applied Physics, 2018, 124, 205102.	1.1	2
24	Temperature-dependent excitonic superfluid plasma frequency evolution in an excitonic insulator, Ta ₂ NiSe ₅ . Scientific Reports, 2018, 8, 11961.	1.6	17
25	Emergence of Kondo Resonance in Graphene Intercalated with Cerium. Nano Letters, 2018, 18, 3661-3666.	4.5	14
26	Large anomalous Hall current induced by topological nodal lines in a ferromagnetic van der Waals semimetal. Nature Materials, 2018, 17, 794-799.	13.3	346
27	Observation of variable hybridized-band gaps in Eu-intercalated graphene. Nanotechnology, 2017, 28, 205201. Soft x-ray absorption spectroscopy study of the electronic structures of the MnFe Prussian blue analogs	1.3	16
28	Soft x-ray absorption spectroscopy study of the electronic structures of the MnFe Prussian blue analogs		

#	ARTICLE	IF	CITATIONS
37	Ferroelectric instability and topological crystalline insulating nature in PbPo. Physical Review B, 2016, 93, .	1.1	4
38	Metal-insulator transition in a spin-orbital-lattice coupled Mott system: $K_2V_8O_{16}$. Physical Review B, 2016, 93, .	1.1	8
39	Edwards polaron formation : From one to three dimensions. Physical Review B, 2016, 93, .	1.1	6
40	Electronic Structure of YbB6: Is it a Topological Insulator or Not?. Physical Review Letters, 2016, 116, 116401.	2.9	30
41	Manifestations of Quasi-Two-Dimensional Metallicity in a Layered Ternary Transition Metal Chalcogenide Ti_2PTe_2 . Chemistry of Materials, 2016, 28, 7570-7573.	3.2	6
42	The Γ_1 Fermi Surface Reconstruction in a Two-dimensional f-electron Charge Density Wave System: PrTe3. Scientific Reports, 2016, 6, 30318.	1.6	14
43	Substrate-tuning of correlated spin-orbit oxides revealed by optical conductivity calculations. Scientific Reports, 2016, 6, 27095.	1.6	21
44	Evidence for Anionic Excess Electrons in a Quasi-Two-Dimensional Ca_2N Electride by Angle-Resolved Photoemission Spectroscopy. Journal of the American Chemical Society, 2016, 138, 2496-2499.	6.6	58
45	Correlation between Mn and Ru valence states and magnetic phases in $SrMn_3O_7$. Physical Review B, 2015, 91, .	1.1	14
46	Angle-resolved and resonant photoemission spectroscopy study of the Fermi surface reconstruction in the charge density wave systems $CeTe_2$ and $PrTe_2$. Physical Review B, 2015, 91, .		
47	R_2		

#	ARTICLE	IF	CITATIONS
55	Thermoelectric and Transport Properties of Highly Conducting Two-Dimensional Delafossite: PdRhO ₂ . Journal of the Physical Society of Japan, 2014, 83, 124708.	0.7	6
56	Optical and transport properties and the structural identification of IrTe ₂ . Physical Review B, 2014, 90, .	1.1	6
57	Electronic excitations in the edge-shared relativistic Mott insulator: Termination-dependent electronic and magnetic properties of ultrathin	1.1	40
58	SrRuO ₃ (111) films on SrTiO ₃ . Physical Review B, 2014, 89, .	1.1	15
59	Interacting-Holstein and extended-Holstein bipolarons. Physical Review B, 2014, 89, .	1.1	16
60	Structural instability and the Mott-Peierls transition in a half-metallic hollandite: K ₂ Cr ₈ O ₁₆ . Physical Review B, 2014, 90, .	1.1	12
61	Termination-dependent surface in-gap states in a potential mixed-valent topological insulator: SmB ₆ . Physical Review B, 2014, 90, .	1.1	42
62	Universal metastability of the low-spin state in Co ²⁺ systems: Non-Mott type pressure-induced spin-state transition in CoCl ₂	1.1	5
63	Mott system: The case of K ₂ O. Physical Review B, 2014, 89, .	1.1	16
64	Direct Observation of Localized Spin Antiferromagnetic Transition in PdCrO ₂ by Angle-Resolved Photoemission Spectroscopy. Scientific Reports, 2014, 4, 3680.	1.6	43
65	Self-consistent basis generation scheme for polaron and bipolaron systems. Physical Review B, 2013, 88, .	1.1	9
66	Electronic structure of the metallic antiferromagnet PdCrO ₂ measured by angle-resolved photoemission spectroscopy. Physical Review B, 2013, 88, .	1.1	32
67	Soft x-ray magnetic circular dichroism study of valence and spin states in Fe ₂ O ₄ (Tâ€‰=â€‰V, Cr) spinel oxides. Journal of Applied Physics, 2013, 113, 17E116.	1.1	9
68	Electronic structures and phonon spectra in boronitride superconductors LaMg ₂ BN ($T_c = 11.5$ K) and TjETQq000rgBT /Overlock 10 Tf 50 222 Td ($T_c = 5$ K).	1.1	5
69	Observation of a kink during the formation of the Kondo resonance band in a heavy-fermion system. Physical Review B, 2013, 88, .	1.1	15
70	Electron and Phonon Band-Structure Calculations for the Antipolar SrPt ₃ P Antiperovskite Superconductor: Evidence of Low-Energy Two-Dimensional Phonons. Journal of the Physical Society of Japan, 2013, 82, 053703.	0.7	22
71	Correlated electronic structures and the phase diagram of hydrocarbon-based superconductors. New Journal of Physics, 2013, 15, 113030.	1.2	10
72	Interplay between R ₂ Fe ₄ and Fe ₃ d states	1.1	7

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73	Quantum Oscillations of the Metallic Triangular-Lattice Antiferromagnet PdCrO_2 . Physical Review Letters, 2013, 111, 176405.	2.9	44
74	Size-dependent structural evolution of the biomineralized iron-core nanoparticles in ferritins. Applied Physics Letters, 2013, 102, .	1.5	22
75	Correlation-assisted phonon softening and the orbital-selective Peierls transition in VO_2 . Physical Review B, 2013, 87, .	1.1	76
76	Charge-Orbital Density Wave and Superconductivity in the Strong Spin-Orbit Coupled IrTe_2 . Physical Review Letters, 2012, 108, 116402.	2.9	168
77	Optimization of magnetic flux density in electrical steels: Slater-Pauling pattern repetition in multicomponent alloys. Physical Review B, 2012, 85, .	1.1	1
78	Fermi surface reconstruction in CeTe induced by charge density waves investigated via angle resolved photoemission. Physical Review B, 2012, 85, .	1.1	17
79	Phonon softening and superconductivity triggered by spin-orbit coupling in simple-cubic Po polonium crystals. Physical Review B, 2012, 86, .	1.1	18
80	Temperature-Dependent Fermi Surface Evolution in Heavy Fermion CeIrIn_5 . Physical Review Letters, 2012, 108, 016402.	2.9	65
81	Magnetic Couplings, Optical Spectra, and Spin-Orbit Excitation in MnO . Physical Review Letters, 2012, 109, 167205.	1.1	36
82	Insulator Sr_2VO_5 as a model system for the study of the spin-orbit coupling in the d^1 system. Physical Review Letters, 2012, 109, 167205.	2.9	85
83	Pressure-induced phonon softenings and the structural and magnetic transitions in CrO_2 . Physical Review B, 2012, 85, .	1.1	30
84	Pressure-induced phonon softenings and the structural and magnetic transitions in CrO_2 . Physical Review B, 2012, 85, .	1.1	14
85	Stability of Holstein and Fröhlich bipolarons. Physical Review B, 2012, 85, .	1.1	9
86	RKKY Ferromagnetism with Ising-Like Spin States in Intercalated $\text{Fe}_4\text{V}_2\text{O}_{14}$. Physical Review Letters, 2011, 107, 247201.	2.9	69
87	Electronic structures of $\text{SrMn}_{1-x}\text{MoxO}_3$ (0 ≤ x ≤ 0.75) perovskite oxides investigated by XAS and PES. Journal of Applied Physics, 2011, 109, 07E130.	1.1	0
88	Effect of orbital symmetry on the anisotropic superexchange interaction. New Journal of Physics, 2011, 13, 073034.	1.2	14
89	Soft x-ray absorption spectroscopy study of Mo-rich SrMn_2O_7 . Physical Review B, 2011, 84, .	1.1	5
90	Volume contraction in CeB_4 induced by delocalized $\text{Ce}4f$ electrons. Physical Review B, 2011, 84, .	1.1	5

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91	Density functional calculations of electronic structure and magnetic properties of the hydrocarbon $\langle \text{mml:mrow} \langle \text{mml:msub} \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{K} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{picen}$	1.1	56
92	Mott physics in the 2p-electron dioxygenyl magnet O_2MF_6 (M=Sb, Pt). Physical Review B, 2011, 84, .	1.1	5
93	Phase separation in thermoelectric delafossite $\text{CuFe}_{1-x}\text{Ni}_x\text{O}_2$ observed by soft x-ray magnetic circular dichroism. Applied Physics Letters, 2011, 99, 012108.	1.5	9
94	Soft x-ray synchrotron radiation spectroscopy study of $\text{CuFe}_{1-x}\text{Ni}_x\text{O}_2$ ($0 \leq x \leq 0.03$) delafossite oxides. Journal of Applied Physics, 2011, 109, .	1.1	7
95	Antiferromagnetic and structural transitions in the superoxide KO_2 first principles: A KO_2 -electron	1.1	29
96	Photoemission spectroscopy study of metal-insulator transition in SrMnO_2 Physical Review B, 2010, 81, .	1.1	12
97	Soft x-ray absorption and photoemission spectroscopy study of superoxide KO_2 Physical Review B, 2010, 82, .	1.1	23
98	Electronic structure and magnetic properties of hole-carrier-doped $\text{La}_{1-x}\text{Sr}_x\text{MnO}_2$ Physical Review B, 2010, 81, .	1.1	21
99	Boron solution and distribution in $\text{Fe}_{1-x}\text{B}_x$ Application to boron steel. Physical Review B, 2010, 81, .	1.1	16
100	Superexchange interaction revisited: the role of the A-site cations in ACuO_3 (A=Se, Te). New Journal of Physics, 2010, 12, 073023.	1.2	5
101	Temperature-dependent magnetic circular dichroism study of ferromagnetic double perovskite $\text{La}_2\text{MnNiO}_6$. Journal of Applied Physics, 2010, 107, .	1.1	15
102	Origin of high Néel temperature in the low coordination number system FeO	1.1	10
103	Soft x-ray synchrotron radiation spectroscopy study of $\text{SrMn}_{1-x}\text{Ru}_x\text{O}_3$ perovskites ($0 \leq x \leq 1$). Journal of Applied Physics, 2010, 107, 09E137.	1.1	3
104	Valence-state transition in $\text{SrMn}_{1-x}\text{Mo}_x\text{O}_3$ ($0 \leq x \leq 0.5$) investigated by soft x-ray absorption spectroscopy. Physical Review B, 2009, 80, .	1.1	17
105	Fermi surface and surface electronic structure of delafossite PdCoO_2 Physical Review B, 2009, 80, .	1.1	44
106	Valence and spin states, and the metal-insulator transition in ferromagnetic $\text{La}_{2-x}\text{Sr}_x\text{MnNiO}_6$ ($x=0,0.2$). Physical Review B, 2009, 80, .	1.1	32
107	Nearest and next-nearest superexchange interactions in orthorhombic perovskite manganites MnO_R	1.1	23
108	Orbital character of the conduction band of delafossite PdCoO_2 by polarization-dependent soft x-ray absorption spectroscopy. Physical Review B, 2009, 80, .	1.1	19

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109	Anisotropic Electric Conductivity of Delafossite PdCoO_2 Studied by Angle-Resolved Photoemission Spectroscopy. <i>Physical Review Letters</i> , 2009, 102, 256404.	2.9	75
110	Comment on "Why is Polonium Simple Cubic and So Highly Anisotropic?" <i>Physical Review Letters</i> , 2009, 102, 079701; author reply 079702.	2.9	11
111	Electronic structures and magnetic properties of a ferromagnetic insulator: $\text{La}_2\text{MnNiO}_6$. <i>Journal of Applied Physics</i> , 2009, 105, 07E515.	1.1	10
112	Investigation of valence states and electronic structure of ferromagnetic double-perovskite $\text{La}_2\text{MnNiO}_6$ by using synchrotron radiation. <i>Journal of Applied Physics</i> , 2009, 105, 07D721.	1.1	6
113	Synchrotron-Radiation Study of Valence States and Electronic Structures of $\text{AgNi}_{1-x}\text{Co}_x\text{O}_2$ Delafossite Oxides. <i>IEEE Transactions on Magnetics</i> , 2009, 45, 2580-2583.	1.2	0
114	Soft X-ray Absorption and Photoemission Spectroscopy Study of Cobalt-Based Thermoelectric Oxides: $\text{Ca}_3\text{Co}_4\text{O}_9$, $\text{Ca}_3\text{Co}_2\text{O}_6$, and $\text{Bi}_2\text{Sr}_2\text{Co}_2\text{O}_y$. <i>Journal of Electronic Materials</i> , 2009, 38, 1127-1131.	1.0	0
115	Electronic structures and magnetic properties of RB_4 (R=Yb,Pr,Gd,Tb,Dy). <i>Journal of Applied Physics</i> , 2009, 105, 07E107.	1.1	6
116	Valence states and occupation sites in $(\text{Fe,Mn})_3\text{O}_4$ spinel oxides investigated by soft x-ray absorption spectroscopy and magnetic circular dichroism. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 295203.	0.7	32
117	Monte Carlo study of a temperature-driven spin-reorientation transition in an antiferromagnetic system. <i>Physical Review B</i> , 2008, 77, .	1.1	9
118	Electronic structures of magnetic semiconductors FeCr_2Se_4 and $\text{Fe}_{0.5}\text{Cu}_{0.5}\text{Cr}_2\text{Se}_4$. <i>New Journal of Physics</i> , 2008, 10, 055014.	1.2	12
119	Soft x-ray absorption spectroscopy and magnetic circular dichroism study of the valence and spin states in spinel MnFe_2O_4 . <i>Physical Review B</i> , 2008, 77, .	1.1	82
120	Electronic structure of the cubic perovskite SrMnO_3 by x-ray spectroscopies. <i>Physical Review B</i> , 2008, 78, .	1.1	30
121	Synchrotron radiation spectroscopy study of FeCr_2X_4 (X=S and Se). <i>Journal of Applied Physics</i> , 2008, 103, .	1.1	10
122	Thermoelectric power in the double exchange model. <i>Journal of Applied Physics</i> , 2008, 103, 07F703.	1.1	0
123	Polarization-Dependent Soft X-ray Absorption Spectroscopy Study of Layered Thermoelectric Cobalt Oxide: $\text{Bi}_2\text{-xPbxSr}_2\text{Co}_2\text{O}_8$?. <i>Journal of the Korean Physical Society</i> , 2008, 53, 1010-1013.	0.3	1
124	GW Studies of Core-Valence Correlation Effects on Quasi-Particle Electronic Structures: GaAs and CdTe. <i>Journal of the Korean Physical Society</i> , 2008, 53, 967-972.	0.3	1
125	Abnormal spin structure of manganese ferrite investigated by ^{57}Fe NMR. <i>Physical Review B</i> , 2007, 75, .	1.1	14
126	Electronic structures and magnetic properties of layered compound RCrSb_3 (R=La,Yb). <i>Journal of Applied Physics</i> , 2007, 101, 09G513.	1.1	9

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127	and spin states in delafossite AgNiO_2 and the frustrated Jahn-Teller system	1.1	31
128	Microscopic aspect of interface magnetic anisotropy induced by a Pd adlayer on Ni-Cu(001) films. Physical Review B, 2007, 76, .	1.1	8
129	Valence states of transition-metal ions in cubic perovskites $\text{SrMn}_{1-x}\text{Fe}_x\text{O}_3$. Journal of Applied Physics, 2007, 101, 09G523.	1.1	8
130	Correlation effect and magnetic moments in Cr_2Te_3 . Journal of Applied Physics, 2007, 101, 09G522.	1.1	16
131	Anomalous specific heat and its field dependence in the magnetic polaron system: EuB_6 . Journal of Applied Physics, 2007, 101, 09G107.	1.1	1
132	Magnetocapacitance in a ferromagnetic metal tunnel junction system. Journal of Applied Physics, 2007, 101, 09G507.	1.1	2
133	Extended Drude model analysis of noble metals. Physica Status Solidi (B): Basic Research, 2007, 244, 1354-1362.	0.7	38
134	Valence States of Transition-Metal Ions and Electronic Structures of Spinel $\text{Fe}_{1-x}\text{Cu}_x\text{Cr}_2\text{S}_4$. IEEE Transactions on Magnetics, 2007, 43, 3046-3048.	1.2	1
135	Synchrotron-radiation spectroscopy of electron- and hole-doped colossal magneto-resistance double perovskites: $\text{BxA}_2\text{B}'\text{FeMoO}_6$ ($\text{A}=\text{Ba}, \text{Sr}; \text{B}=\text{La}, \text{K}$). Journal of Applied Physics, 2006, 99, 08Q309.	1.1	12
136	Electronic and magnetic structures of EuB_6 : The effects of pressure and doping. Journal of Magnetism and Magnetic Materials, 2006, 304, e346-e348.	1.0	5
137	Photoemission, soft x-ray absorption, and magnetic circular dichroism spectroscopy study of $\text{Fe}_{1-x}\text{Cu}_x\text{Cr}_2\text{S}_4$ (0.1% $x=0.5$) spinel sulfides. Journal of Physics Condensed Matter, 2006, 18, 7413-7426.	0.7	13
138	Effects of band broadening and shape of the density of states on the magnetic phase diagram. Journal of Physics Condensed Matter, 2006, 18, 7227-7236.	0.7	3
139	Charge-density wave gap and $\text{Ce}4f$ states in CeTe_2 observed by photoemission spectroscopy. Physical Review B, 2006, 74, .	1.1	19
140	Magnetic-phase transition in the magnetic-polaron system studied with the Monte Carlo method: Anomalous specific heat of EuB_6 . Physical Review B, 2006, 74, .	1.1	26
141	Electronic structure of single-crystalline thermoelectric $\text{Bi}_2\text{Pb}_x\text{Sr}_2\text{Co}_2\text{O}_y$ ($x=0, 0.6$) from photoemission and x-ray absorption. Physical Review B, 2006, 74, .	1.1	12
142	Origin of the stabilized simple-cubic structure in polonium: Spin-orbit interaction versus Peierls instability. Physical Review B, 2006, 73, .	1.1	31
143	Electronic structures and magnetic properties of spinel ZnMn_2O_4 under high pressure. Physical Review B, 2006, 74, .	1.1	62
144	Electronic and magnetic structures of CeTe_2 . Journal of Applied Physics, 2005, 97, 10A918.	1.1	2

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145	Role of magnetic polarons in transport properties of EuB ₆ . Journal of Applied Physics, 2005, 97, 10A903.	1.1	3
146	Magnetic and Transport Properties of the Magnetic Polaron: Application to Eu _{1-x} La _x B ₆ System. Physical Review Letters, 2005, 94, 117202.	2.9	26
147	Electronic structures and magnetic properties of LaAVMoO ₆ (A=Ca, Sr, Ba): Investigation of possible half-metallic antiferromagnets. Physical Review B, 2005, 71, .	1.1	56
148	Photoemission and x-ray absorption of the electronic structure of multiferroic RMnO ₃ (R=Y, Er). Physical Review B, 2005, 71, .	1.1	36
149	Spatial Chemical Inhomogeneity and Local Electronic Structure of Mn-Doped Ge Ferromagnetic Semiconductors. Physical Review Letters, 2005, 94, 147202.	2.9	125
150	Electronic structures of UTSn (T = Ni, Pd) using photoemission spectroscopy. Journal of Physics Condensed Matter, 2004, 16, 3257-3269.	0.7	8
151	Photoemission spectroscopy and x-ray absorption spectroscopy studies of double perovskite oxides: Ba _{2-x} La _x FeMoO ₆ . Journal of Physics Condensed Matter, 2004, 16, S5685-S5688.	0.7	5
152	Effects of Li intercalation on magnetic properties of Co-doped rutile TiO ₂ . Journal of Physics Condensed Matter, 2004, 16, S5697-S5700.	0.7	1
153	Photoemission study of carriers and Ce 4f spectral weight in CeTe ₂ . Journal of Physics Condensed Matter, 2004, 16, 9163-9168.	0.7	9
154	Nested Fermi surfaces, optical peaks, and laser-induced structural transition in Al. Physical Review B, 2004, 69, .	1.1	5
155	Spin-polaron model: Transport properties of EuB ₆ . Physical Review B, 2004, 69, .	1.1	17
156	Acoustic-phonon spectrum rearrangement in a one-dimensional system with mass disorder. Physical Review B, 2004, 70, .	1.1	1
157	Photoemission and x-ray absorption spectroscopy study of electron-doped colossal magnetoresistive manganite La _{0.7} Ce _{0.3} MnO ₃ films. Physical Review B, 2004, 69, .	1.1	39
158	The search for new spintronic materials: half-metallic antiferromagnets and diluted magnetic semiconductors. Journal of Physics Condensed Matter, 2004, 16, S5509-S5516.	0.7	7
159	Crossroads electronic structure of MnS, MnSe, and MnTe. Physica Status Solidi (B): Basic Research, 2004, 241, 1411-1414.	0.7	48
160	Photoemission study of Zn _{1-x} CoxO as a possible DMS. Physica Status Solidi (B): Basic Research, 2004, 241, 1529-1532.	0.7	10
161	Electronic structure of La _{0.7} Ce _{0.3} MnO ₃ thin film. Physica Status Solidi (B): Basic Research, 2004, 241, 1577-1580.	0.7	5
162	Ferromagnetism in Li-intercalated Mn-doped anatase TiO ₂ . Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1487-E1488.	1.0	1

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163	Electronic structure of $Zn_{1-x}Co_xO$ using photoemission and x-ray absorption spectroscopy. Applied Physics Letters, 2004, 84, 4233-4235.	1.5	113
164	Electronic Structures of RTe_2 ($R=La,Ce$): A Clue to the Pressure-Induced Superconductivity in $CeTe_{1.82}$. Physical Review Letters, 2004, 93, 156406.	2.9	36
165	Li intercalation effects on magnetism in undoped and Co-doped anatase TiO_2 . Physica B: Condensed Matter, 2003, 328, 120-122.	1.3	14
166	Ferromagnetism in ZnO codoped with transition metals: $Zn_{1-x}(FeCo)_xO$ and $Zn_{1-x}(FeCu)_xO$. Physical Review B, 2003, 68, .	1.1	186
167	Theoretical search for spintronic and electrochromic device materials based on Li-intercalated transition-metal-doped anatase TiO_2 . Physical Review B, 2003, 68, .	1.1	14
168	Resonant photoemission spectroscopy study of impurity-induced melting in Cr- and Ru-doped $Nd_{1/2}A_{1/2}MnO_3$ ($A=Ca,Sr$). Physical Review B, 2003, 68, .	1.1	20
169	Bulk-sensitive photoemission spectroscopy of A_2FeMoO_6 double perovskites ($A=Sr,Ba$). Physical Review B, 2002, 66, .	1.1	66
170	Valence-band photoemission study of R_3S_4 ($R=La,Ce$). Physical Review B, 2002, 66, .	1.1	6
171	Resonant photoemission spectroscopy of the quenched superconductivity system: $Y_{1-x}Pr_xBa_2Cu_3O_{7-\delta}$ single crystals. Physical Review B, 2002, 66, .	1.1	9
172	Large anisotropy in the optical conductivity of YNi_2B_2C . Physical Review B, 2002, 66, .	1.1	2
173	Electronic structures of Mo pyrochlore: $R_2Mo_2O_7$ ($R=Nd,Sm$). Physical Review B, 2002, 65, .	1.1	16
174	Half-Metallic Electronic Structures of Thiospinels. Journal of the Physical Society of Japan, 2002, 71, 178-180.	0.7	2
175	Electronic Structures and Photoemission Spectroscopy of Double-Perovskite Ba_2FeMoO_6 . Journal of the Physical Society of Japan, 2002, 71, 157-159.	0.7	3
176	On the Relation between the Presence of the Resonance and the Type of the Spectrum Rearrangement in a Disordered System. Progress of Theoretical Physics, 2002, 108, 1021-1030.	2.0	5
177	Electronic Structures of Antiperovskite Superconductor $MgCNi_3$ and Related Compounds. Journal of the Physical Society of Japan, 2002, 71, 341-343.	0.7	3
178	Electronic structure of metallic antiperovskite compound $GaCMn_3$. Physical Review B, 2002, 66, .	1.1	34
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