

Byung Il Min

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.

246 papers	5,918 citations	42 h-index	64 g-index
252 ext. papers	6,582 ext. citations	3.7 avg, IF	5.57 L-index

#	Paper	IF	Citations
246	Angle-resolved photoemission spectroscopy study of a system with a double charge density wave transition: ErTe ₃ . <i>Physical Review B</i> , 2021 , 104,	3.3	1
245	Angle-resolved photoemission spectroscopy study of rare-earth tritelluride charge density wave compounds: RTe ₃ (R = Pr, Er). <i>Electronic Structure</i> , 2021 , 3, 024003	2.6	0
244	Temperature-dependent electronic structure and topological property of the Kondo semimetal CeFe ₂ Al ₁₀ . <i>Physical Review B</i> , 2021 , 103,	3.3	1
243	Nearly room temperature ferromagnetism in a magnetic metal-rich van der Waals metal. <i>Science Advances</i> , 2020 , 6, eaay8912	14.3	72
242	Distinct topological properties in Ce monpnictides having correlated f electrons: CeN vs. CeBi. <i>Physical Review Research</i> , 2020 , 2,	3.9	5
241	Unusual Pressure-Induced Quantum Phase Transition from Superconducting to Charge-Density Wave State in Rare-Earth-Based Heusler LuPd ₂ In Compound. <i>Physical Review Letters</i> , 2020 , 125, 157001	7.4	2
240	Wallpaper Dirac Fermion in a Nonsymmorphic Topological Kondo Insulator: PuB. <i>Journal of the American Chemical Society</i> , 2020 , 142, 19278-19282	16.4	0
239	Topological bulk band structures of the hourglass and Dirac nodal-loop types in Ce Kondo systems: CeNiSn, CeRhAs, and CeRhSb. <i>Physical Review B</i> , 2019 , 99,	3.3	4
238	Strong interband interaction in the excitonic insulator phase of Ta ₂ NiSe ₅ . <i>Physical Review B</i> , 2019 , 99,	3.3	24
237	Angle-resolved photoemission spectroscopy study of the M _B ius Kondo insulator candidate CeRhSb. <i>Physical Review B</i> , 2019 , 100,	3.3	4
236	Strongly anisotropic high-temperature Fermi surface of the Kondo semimetal CeNiSn revealed by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2019 , 100,	3.3	4
235	Multiple topological Dirac cones in a mixed-valent Kondo semimetal: g-SmS. <i>Physical Review Materials</i> , 2019 , 3,	3.2	6
234	Pressure-induced phase transitions and superconductivity in magnesium carbides. <i>Scientific Reports</i> , 2019 , 9, 20253	4.9	3
233	Topological phase transition in the archetypal f-electron correlated system of cerium. <i>Physical Review B</i> , 2019 , 100,	3.3	4
232	Importance of the van Hove singularity in superconducting PdTe ₂ . <i>Physical Review B</i> , 2018 , 97,	3.3	22
231	Is the ground state of 5d ⁴ double-perovskite Iridate Ba ₂ YIrO ₆ magnetic or nonmagnetic?. <i>Journal of Magnetism and Magnetic Materials</i> , 2018 , 454, 66-70	2.8	3
230	Persistent Charge-Density-Wave Order in Single-Layer TaSe. <i>Nano Letters</i> , 2018 , 18, 689-694	11.5	72

229	Large anomalous Hall current induced by topological nodal lines in a ferromagnetic van der Waals semimetal. <i>Nature Materials</i> , 2018 , 17, 794-799	27	187
228	Magnetism in RuCl_3 : Dependence on Coulomb Interaction and Hund's Coupling. <i>Journal of the Korean Physical Society</i> , 2018 , 73, 1691-1697	0.6	1
227	Charge density wave in LuP_2In (P=Pt, Pd) induced by electron-phonon interaction. <i>Physical Review B</i> , 2018 , 98,	3.3	3
226	Observation of the coherent quasiparticle states in $\text{SrRu}_{1-x}\text{Ir}_x\text{O}_3$ films via polarization-dependent soft X-ray absorption spectroscopy. <i>Journal of Applied Physics</i> , 2018 , 124, 205102	2.5	2
225	Temperature-dependent excitonic superfluid plasma frequency evolution in an excitonic insulator, TaNiSe . <i>Scientific Reports</i> , 2018 , 8, 11961	4.9	10
224	Emergence of Kondo Resonance in Graphene Intercalated with Cerium. <i>Nano Letters</i> , 2018 , 18, 3661-3666	1.5	9
223	Observation of variable hybridized-band gaps in Eu-intercalated graphene. <i>Nanotechnology</i> , 2017 , 28, 205201	3.4	11
222	Soft x-ray absorption spectroscopy study of the electronic structures of the MnFe Prussian blue analogs $(\text{RbxBay})\text{Mn}[\text{3}(\text{x}+2\text{y})]/2[\text{Fe}(\text{CN})_6]\text{H}_2\text{O}$. <i>Physical Review B</i> , 2017 , 96,	3.3	7
221	Charge density waves and the Coulomb correlation effects in $\text{Na}_2\text{Ti}_2\text{P}_2\text{O}$ (P=Sb,As). <i>Physical Review B</i> , 2017 , 96,	3.3	1
220	Experimental Realization of Type-II Dirac Fermions in a $\text{PdTe}_{\{2\}}$ Superconductor. <i>Physical Review Letters</i> , 2017 , 119, 016401	7.4	175
219	Optical signatures of spin-orbit exciton in bandwidth-controlled Sr_2IrO_4 epitaxial films via high-concentration Ca and Ba doping. <i>Physical Review B</i> , 2017 , 95,	3.3	14
218	Layer-Confined Excitonic Insulating Phase in Ultrathin Ta_2NiSe_5 Crystals. <i>ACS Nano</i> , 2016 , 10, 8888-94	16.7	37
217	Suppression of the charge density wave instability in $\text{R}_2\text{O}_2\text{Bi}$ (R = La, Er) due to large spin-orbit coupling. <i>Physical Review B</i> , 2016 , 93,	3.3	9
216	Insulating nature of Na_2IrO_3 : Mott-type or Slater-type. <i>Physical Review B</i> , 2016 , 93,	3.3	5
215	Ferroelectric instability and topological crystalline insulating nature in PbPo . <i>Physical Review B</i> , 2016 , 93,	3.3	3
214	Metal-insulator transition in a spin-orbital-lattice coupled Mott system: $\text{K}_2\text{V}_8\text{O}_{16}$. <i>Physical Review B</i> , 2016 , 93,	3.3	6
213	Edwards polaron formation : From one to three dimensions. <i>Physical Review B</i> , 2016 , 93,	3.3	3
212	Electronic Structure of $\text{YbB}_{\{6\}}$: Is it a Topological Insulator or Not?. <i>Physical Review Letters</i> , 2016 , 116, 116401	7.4	24

211	Manifestations of Quasi-Two-Dimensional Metallicity in a Layered Ternary Transition Metal Chalcogenide Ti ₂ PTe ₂ . <i>Chemistry of Materials</i> , 2016 , 28, 7570-7573	9.6	5
210	The 7 \times Fermi Surface Reconstruction in a Two-dimensional f-electron Charge Density Wave System: PrTe ₃ . <i>Scientific Reports</i> , 2016 , 6, 30318	4.9	5
209	Substrate-tuning of correlated spin-orbit oxides revealed by optical conductivity calculations. <i>Scientific Reports</i> , 2016 , 6, 27095	4.9	16
208	Evidence for Anionic Excess Electrons in a Quasi-Two-Dimensional Ca ₂ N Electride by Angle-Resolved Photoemission Spectroscopy. <i>Journal of the American Chemical Society</i> , 2016 , 138, 2496-5	16.4	42
207	Magnetic effects in sulfur-decorated graphene. <i>Scientific Reports</i> , 2016 , 6, 21460	4.9	11
206	Nanoscale Superconducting Honeycomb Charge Order in IrTe ₂ . <i>Nano Letters</i> , 2016 , 16, 4260-5	11.5	14
205	Topological Properties and the Dynamical Crossover from Mixed-Valence to Kondo-Lattice Behavior in the Golden Phase of SmS. <i>Physical Review Letters</i> , 2015 , 114, 166404	7.4	19
204	Origin of first-order-type electronic and structural transitions in IrTe ₂ . <i>Physical Review Letters</i> , 2015 , 114, 136401	7.4	26
203	Correlation between Mn and Ru valence states and magnetic phases in SrMn _{1-x} Ru _x O ₃ . <i>Physical Review B</i> , 2015 , 91,	3.3	10
202	Angle-resolved and resonant photoemission spectroscopy study of the Fermi surface reconstruction in the charge density wave systems CeTe ₂ and PrTe ₂ . <i>Physical Review B</i> , 2015 , 91,	3.3	7
201	Phonon softenings and the charge density wave instability in R ₂ O ₂ Sb (R=rare-Earth element). <i>Physical Review B</i> , 2015 , 91,	3.3	5
200	The mechanism of charge density wave in Pt-based layered superconductors: SrPt ₂ As ₂ and LaPt ₂ Si ₂ . <i>Scientific Reports</i> , 2015 , 5, 15052	4.9	17
199	Nature of itinerant ferromagnetism of SrRuO ₃ : A DFT+DMFT study. <i>Physical Review B</i> , 2015 , 91,	3.3	47
198	Band Symmetries of Mixed-Valence Topological Insulator: SmB ₆ . <i>Journal of the Physical Society of Japan</i> , 2015 , 84, 024722	1.5	28
197	Interacting-Holstein and extended-Holstein bipolarons. <i>Physical Review B</i> , 2014 , 89,	3.3	10
196	Structural instability and the Mott-Peierls transition in a half-metallic hollandite : K ₂ Cr ₈ O ₁₆ . <i>Physical Review B</i> , 2014 , 90,	3.3	10
195	Termination-dependent surface in-gap states in a potential mixed-valent topological insulator: SmB ₆ . <i>Physical Review B</i> , 2014 , 90,	3.3	33
194	Universal metastability of the low-spin state in Co ²⁺ systems: Non-Mott type pressure-induced spin-state transition in CoCl ₂ . <i>Physical Review B</i> , 2014 , 89,	3.3	4

193	Temperature-dependent orbital physics in a spin-orbital-lattice-coupled 2p electron Mott system: The case of KO ₂ . <i>Physical Review B</i> , 2014 , 89,	3.3	12
192	Direct observation of localized spin antiferromagnetic transition in PdCrO ₂ by angle-resolved photoemission spectroscopy. <i>Scientific Reports</i> , 2014 , 4, 3680	4.9	31
191	Valence states and electronic structures of Co and Mn substituted spin gapless semiconductor PbPdO ₂ . <i>Applied Physics Letters</i> , 2014 , 104, 022411	3.4	20
190	Dimerization-induced Fermi-surface reconstruction in IrTe ₂ . <i>Physical Review Letters</i> , 2014 , 113, 266406	7.4	21
189	Thermoelectric and Transport Properties of Highly Conducting Two-Dimensional Delafossite: PdRhO ₂ . <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 124708	1.5	6
188	Optical and transport properties and the structural identification of IrTe ₂ . <i>Physical Review B</i> , 2014 , 90,	3.3	4
187	Electronic excitations in the edge-shared relativistic Mott insulator: Na ₂ IrO ₃ . <i>Physical Review B</i> , 2014 , 89,	3.3	30
186	Termination-dependent electronic and magnetic properties of ultrathin SrRuO ₃ (111) films on SrTiO ₃ . <i>Physical Review B</i> , 2014 , 89,	3.3	13
185	Self-consistent basis generation scheme for polaron and bipolaron systems. <i>Physical Review B</i> , 2013 , 88,	3.3	6
184	Electronic structure of the metallic antiferromagnet PdCrO ₂ measured by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2013 , 88,	3.3	25
183	Soft x-ray magnetic circular dichroism study of valence and spin states in Fe ₂ O ₄ (T = V, Cr) spinel oxides. <i>Journal of Applied Physics</i> , 2013 , 113, 17E116	2.5	7
182	Electronic structures and phonon spectra in boronitride superconductors LaMBN (M=Ni, Pt). <i>Physical Review B</i> , 2013 , 87,	3.3	3
181	Observation of a kink during the formation of the Kondo resonance band in a heavy-fermion system. <i>Physical Review B</i> , 2013 , 88,	3.3	11
180	Electron and Phonon Band-Structure Calculations for the Antipolar SrPt ₃ P Antiperovskite Superconductor: Evidence of Low-Energy Two-Dimensional Phonons. <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 053703	1.5	20
179	Correlated electronic structures and the phase diagram of hydrocarbon-based superconductors. <i>New Journal of Physics</i> , 2013 , 15, 113030	2.9	9
178	Interplay between R 4f and Fe 3d states in charge-ordered RFe ₂ O ₄ (R=Er, Tm, Lu). <i>Physical Review B</i> , 2013 , 87,	3.3	6
177	Quantum oscillations of the metallic triangular-lattice antiferromagnet PdCrO ₂ . <i>Physical Review Letters</i> , 2013 , 111, 176405	7.4	36
176	Size-dependent structural evolution of the biomineralized iron-core nanoparticles in ferritins. <i>Applied Physics Letters</i> , 2013 , 102, 133703	3.4	18

175	Correlation-assisted phonon softening and the orbital-selective Peierls transition in VO ₂ . <i>Physical Review B</i> , 2013 , 87,	3-3	58
174	Valence states and spin structure of spinel FeV ₂ O ₄ with different orbital degrees of freedom. <i>Physical Review B</i> , 2012 , 85,	3-3	31
173	Magnetic couplings, optical spectra, and spin-orbit exciton in 5d electron Mott insulator Sr ₂ IrO ₄ . <i>Physical Review Letters</i> , 2012 , 109, 167205	7-4	76
172	Unusual magnetic properties induced by local structure in a quasi-one-dimensional Ising chain system: HCoV ₂ O ₆ . <i>Physical Review B</i> , 2012 , 85,	3-3	22
171	Pressure-induced phonon softenings and the structural and magnetic transitions in CrO ₂ . <i>Physical Review B</i> , 2012 , 85,	3-3	12
170	Stability of Holstein and Fröhlich bipolarons. <i>Physical Review B</i> , 2012 , 85,	3-3	7
169	Charge-orbital density wave and superconductivity in the strong spin-orbit coupled IrTe ₂ :Pd. <i>Physical Review Letters</i> , 2012 , 108, 116402	7-4	143
168	Optimization of magnetic flux density in electrical steels: Slater-Pauling pattern repetition in multicomponent alloys. <i>Physical Review B</i> , 2012 , 85,	3-3	1
167	Fermi surface reconstruction in CeTe ₂ induced by charge density waves investigated via angle resolved photoemission. <i>Physical Review B</i> , 2012 , 85,	3-3	13
166	Phonon softening and superconductivity triggered by spin-orbit coupling in simple-cubic Bismuth crystals. <i>Physical Review B</i> , 2012 , 86,	3-3	14
165	Temperature-dependent Fermi surface evolution in heavy fermion CeIrIn ₅ . <i>Physical Review Letters</i> , 2012 , 108, 016402	7-4	52
164	RKKY ferromagnetism with Ising-like spin states in intercalated Fe(1/4)TaS ₂ . <i>Physical Review Letters</i> , 2011 , 107, 247201	7-4	47
163	Electronic structures of SrMn _{1-x} MoxO ₃ (0 ≤ x ≤ 0.75) perovskite oxides investigated by XAS and PES. <i>Journal of Applied Physics</i> , 2011 , 109, 07E130	2-5	
162	Effect of orbital symmetry on the anisotropic superexchange interaction. <i>New Journal of Physics</i> , 2011 , 13, 073034	2-9	12
161	Soft x-ray absorption spectroscopy study of Mo-rich SrMn _{1-x} MoxO ₃ (x ≥ 0.5). <i>Physical Review B</i> , 2011 , 83,	3-3	9
160	Volume contraction in CeB ₄ induced by delocalized Ce 4f electrons. <i>Physical Review B</i> , 2011 , 84,	3-3	5
159	Density functional calculations of electronic structure and magnetic properties of the hydrocarbon K3picene superconductor near the metal-insulator transition. <i>Physical Review B</i> , 2011 , 83,	3-3	51
158	Mott physics in the 2p electron dioxygenyl magnet O ₂ MF ₆ (M=Sb, Pt). <i>Physical Review B</i> , 2011 , 84,	3-3	5

157	Phase separation in thermoelectric delafossite $\text{CuFe}_{1-x}\text{Ni}_x\text{O}_2$ observed by soft x-ray magnetic circular dichroism. <i>Applied Physics Letters</i> , 2011 , 99, 012108	3-4	9
156	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. <i>Journal of Applied Physics</i> , 2011 , 109, 07D727	2-5	6
155	Antiferromagnetic and structural transitions in the superoxide KO_2 from first principles: A 2p-electron system with spin-orbital-lattice coupling. <i>Physical Review B</i> , 2010 , 81,	3-3	26
154	Photoemission spectroscopy study of metal-insulator transition in $\text{SrMn}_{1-x}\text{Fe}_x\text{O}_3$. <i>Physical Review B</i> , 2010 , 81,	3-3	9
153	Soft x-ray absorption and photoemission spectroscopy study of superoxide KO_2 . <i>Physical Review B</i> , 2010 , 82,	3-3	18
152	Electronic structure and magnetic properties of hole-carrier-doped $\text{La}_2\text{MnNiO}_6$: $\text{La}_{2-x}\text{Sr}_x\text{MnNiO}_6$. <i>Physical Review B</i> , 2010 , 81,	3-3	20
151	Boron solution and distribution in $\delta\text{-Fe}$: Application to boron steel. <i>Physical Review B</i> , 2010 , 81,	3-3	15
150	Superexchange interaction revisited: the role of the A-site cations in ACuO_3 (A=Se, Te). <i>New Journal of Physics</i> , 2010 , 12, 073023	2-9	5
149	Temperature-dependent magnetic circular dichroism study of ferromagnetic double perovskite $\text{La}_2\text{MnNiO}_6$. <i>Journal of Applied Physics</i> , 2010 , 107, 09D721	2-5	11
148	Origin of high N β L temperature in the low coordination number system AFeO_2 (A=K and Rb). <i>Physical Review B</i> , 2010 , 81,	3-3	9
147	Soft x-ray synchrotron radiation spectroscopy study of $\text{SrMn}_{1-x}\text{Ru}_x\text{O}_3$ perovskites ($0 \leq x \leq 1$). <i>Journal of Applied Physics</i> , 2010 , 107, 09E137	2-5	2
146	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. <i>Physical Review B</i> , 2009 , 80,	3-3	14
145	Fermi surface and surface electronic structure of delafossite PdCoO_2 . <i>Physical Review B</i> , 2009 , 80,	3-3	31
144	Valence and spin states, and the metal-insulator transition in ferromagnetic $\text{La}_{2-x}\text{Sr}_x\text{MnNiO}_6$ ($x=0,0.2$). <i>Physical Review B</i> , 2009 , 80,	3-3	28
143	Nearest and next-nearest superexchange interactions in orthorhombic perovskite manganites RMnO_3 (R=rare earth). <i>Physical Review B</i> , 2009 , 80,	3-3	20
142	Orbital character of the conduction band of delafossite PdCoO_2 studied by polarization-dependent soft x-ray absorption spectroscopy. <i>Physical Review B</i> , 2009 , 80,	3-3	17
141	Anisotropic electric conductivity of delafossite PdCoO_2 studied by angle-resolved photoemission spectroscopy. <i>Physical Review Letters</i> , 2009 , 102, 256404	7-4	50
140	Comment on "Why is polonium simple cubic and so highly anisotropic?". <i>Physical Review Letters</i> , 2009 , 102, 079701; author reply 079702	7-4	10

- 139 Electronic structures and magnetic properties of a ferromagnetic insulator: La₂MnNiO₆. *Journal of Applied Physics*, **2009**, 105, 07E515 2.5 10
- 138 Investigation of valence states and electronic structure of ferromagnetic double-perovskite La₂MnNiO₆ by using synchrotron radiation. *Journal of Applied Physics*, **2009**, 105, 07D721 2.5 5
- 137 Synchrotron-Radiation Study of Valence States and Electronic Structures of $\text{AgNi}_{1-x}\text{Co}_x\text{O}_2$ Delafossite Oxides. *IEEE Transactions on Magnetics*, **2009**, 45, 2580-2583 2.5 5
- 136 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 $\text{Bi}_2\text{Sr}_2\text{Co}_2\text{O}_y$. *Journal of Electronic Materials*, **2009**, 38, 1127-1131 1.9
- 135 Electronic structures and magnetic properties of RB₄ (R=Yb,Pr,Gd,Tb,Dy). *Journal of Applied Physics*, **2009**, 105, 07E107 2.5 5
- 134 Monte Carlo study of a temperature-driven spin-reorientation transition in an antiferromagnetic system. *Physical Review B*, **2008**, 77, 3.3 9
- 133 Electronic structures of magnetic semiconductors FeCr₂Se₄ and Fe_{0.5}Cu_{0.5}Cr₂Se₄. *New Journal of Physics*, **2008**, 10, 055014 2.9 8
- 132 Soft x-ray absorption spectroscopy and magnetic circular dichroism study of the valence and spin states in spinel MnFe₂O₄. *Physical Review B*, **2008**, 77, 3.3 73
- 131 Electronic structure of the cubic perovskite SrMn_{1-x}FexO₃ investigated by x-ray spectroscopies. *Physical Review B*, **2008**, 78, 3.3 23
- 130 Synchrotron radiation spectroscopy study of FeCr₂X₄ (X=S and Se). *Journal of Applied Physics*, **2008**, 103, 07D717 2.5 5
- 129 Thermoelectric power in the double exchange model. *Journal of Applied Physics*, **2008**, 103, 07F703 2.5
- 128 Valence states and occupation sites in (Fe,Mn)₃O₄ spinel oxides investigated by soft x-ray absorption spectroscopy and magnetic circular dichroism. *Journal of Physics Condensed Matter*, **2008**, 20, 295203 1.8 28
- 127 Extended Drude model analysis of noble metals. *Physica Status Solidi (B): Basic Research*, **2007**, 244, 1354-1362 1.5 26
- 126 Valence States of Transition-Metal Ions and Electronic Structures of Spinel Fe_{1-x}Cu_xCr₂S₄. *IEEE Transactions on Magnetics*, **2007**, 43, 3046-3048 2 1
- 125 Abnormal spin structure of manganese ferrite investigated by Fe⁵⁷ NMR. *Physical Review B*, **2007**, 75, 3.3 14
- 124 Electronic structures and magnetic properties of layered compound RCrSb₃ (R=La,Yb). *Journal of Applied Physics*, **2007**, 101, 09G513 2.5 8
- 123 Valence and spin states in delafossite AgNiO₂ and the frustrated Jahn-Teller system ANiO₂ (A=Li,Na). *Physical Review B*, **2007**, 76, 3.3 25
- 122 Microscopic aspect of interface magnetic anisotropy induced by a Pd adlayer on Ni₄₉Ti(001) films. *Physical Review B*, **2007**, 76, 3.3 7

121	Valence states of transition-metal ions in cubic perovskites SrMn _{1-x} FexO ₃ . <i>Journal of Applied Physics</i> , 2007 , 101, 09G523	2.5	8
120	Correlation effect and magnetic moments in Cr ₂ Te ₃ . <i>Journal of Applied Physics</i> , 2007 , 101, 09G522	2.5	11
119	Anomalous specific heat and its field dependence in the magnetic polaron system: EuB ₆ . <i>Journal of Applied Physics</i> , 2007 , 101, 09G107	2.5	1
118	Magnetocapacitance in a ferromagnetic metal tunnel junction system. <i>Journal of Applied Physics</i> , 2007 , 101, 09G507	2.5	2
117	Electronic and magnetic structures of EuB ₆ : The effects of pressure and doping. <i>Journal of Magnetism and Magnetic Materials</i> , 2006 , 304, e346-e348	2.8	4
116	Photoemission, soft x-ray absorption, and magnetic circular dichroism spectroscopy study of Fe _{1-x} CuxCr ₂ S ₄ (0.1≤x≤0.5) spinel sulfides. <i>Journal of Physics Condensed Matter</i> , 2006 , 18, 7413-7426	1.8	10
115	Effects of band broadening and shape of the density of states on the magnetic phase diagram. <i>Journal of Physics Condensed Matter</i> , 2006 , 18, 7227-7236	1.8	3
114	Charge-density wave gap and Ce 4f states in CeTe ₂ observed by photoemission spectroscopy. <i>Physical Review B</i> , 2006 , 74,	3.3	17
113	Magnetic-phase transition in the magnetic-polaron system studied with the Monte Carlo method: Anomalous specific heat of EuB ₆ . <i>Physical Review B</i> , 2006 , 74,	3.3	22
112	Electronic structure of single-crystalline thermoelectric Bi _{2-x} PbxSr ₂ Co ₂ O _y (x=0,0.6) from photoemission and x-ray absorption. <i>Physical Review B</i> , 2006 , 74,	3.3	12
111	Origin of the stabilized simple-cubic structure in polonium: Spin-orbit interaction versus Peierls instability. <i>Physical Review B</i> , 2006 , 73,	3.3	27
110	Electronic structures and magnetic properties of spinel ZnMn ₂ O ₄ under high pressure. <i>Physical Review B</i> , 2006 , 74,	3.3	50
109	Synchrotron-radiation spectroscopy of electron- and hole-doped colossal magneto-resistance double perovskites: BxA ₂ FeMoO ₆ (A=Ba,Sr;B=La,K). <i>Journal of Applied Physics</i> , 2006 , 99, 08Q309	2.5	11
108	Electronic structures and magnetic properties of LaAVMoO ₆ (A=Ca,Sr,Ba): Investigation of possible half-metallic antiferromagnets. <i>Physical Review B</i> , 2005 , 71,	3.3	53
107	Photoemission and x-ray absorption of the electronic structure of multiferroic RMnO ₃ (R=Y,Er). <i>Physical Review B</i> , 2005 , 71,	3.3	35
106	Spatial chemical inhomogeneity and local electronic structure of Mn-doped Ge ferromagnetic semiconductors. <i>Physical Review Letters</i> , 2005 , 94, 147202	7.4	116
105	Electronic and magnetic structures of CeTe ₂ . <i>Journal of Applied Physics</i> , 2005 , 97, 10A918	2.5	1
104	Role of magnetic polarons in transport properties of EuB ₆ . <i>Journal of Applied Physics</i> , 2005 , 97, 10A903	2.5	3

103	Magnetic and transport properties of the magnetic Polaron: application to Eu _{1-x} La _x B ₆ system. <i>Physical Review Letters</i> , 2005 , 94, 117202	7.4	26
102	Electronic structures of UTSn (T = Ni, Pd) using photoemission spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2004 , 16, 3257-3269	1.8	5
101	Photoemission spectroscopy and x-ray absorption spectroscopy studies of double perovskite oxides: Ba ₂ La _x FeMoO ₆ . <i>Journal of Physics Condensed Matter</i> , 2004 , 16, S5685-S5688	1.8	5
100	Effects of Li intercalation on magnetic properties of Co-doped rutile TiO ₂ . <i>Journal of Physics Condensed Matter</i> , 2004 , 16, S5697-S5700	1.8	1
99	Photoemission study of carriers and Ce 4f spectral weight in CeTe ₂ . <i>Journal of Physics Condensed Matter</i> , 2004 , 16, 9163-9168	1.8	9
98	Nested Fermi surfaces, optical peaks, and laser-induced structural transition in Al. <i>Physical Review B</i> , 2004 , 69,	3.3	4
97	Spin-polaron model: Transport properties of EuB ₆ . <i>Physical Review B</i> , 2004 , 69,	3.3	16
96	Acoustic-phonon spectrum rearrangement in a one-dimensional system with mass disorder. <i>Physical Review B</i> , 2004 , 70,	3.3	1
95	Photoemission and x-ray absorption spectroscopy study of electron-doped colossal magnetoresistive manganite La _{0.7} Ce _{0.3} MnO ₃ films. <i>Physical Review B</i> , 2004 , 69,	3.3	39
94	The search for new spintronic materials: half-metallic antiferromagnets and diluted magnetic semiconductors. <i>Journal of Physics Condensed Matter</i> , 2004 , 16, S5509-S5516	1.8	6
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