

Byung Il Min

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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	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
245	Ferromagnetism in ZnO codoped with transition metals: $\text{Zn}_{1-x}(\text{FeCo})_x\text{O}$ and $\text{Zn}_{1-x}(\text{FeCu})_x\text{O}$. <i>Physical Review B</i> , 2003 , 68,	3.3	177
244	Experimental Realization of Type-II Dirac Fermions in a $\text{PdTe}_{1-x}\text{Sb}_x$ Superconductor. <i>Physical Review Letters</i> , 2017 , 119, 016401	7.4	175
243	Electronic structures of doped anatase TiO_2 : $\text{Ti}_{1-x}\text{M}_x\text{O}_2$ (M=Co, Mn, Fe, Ni). <i>Physical Review B</i> , 2002 , 65,	3.3	167
242	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
241	Spatial chemical inhomogeneity and local electronic structure of Mn-doped Ge ferromagnetic semiconductors. <i>Physical Review Letters</i> , 2005 , 94, 147202	7.4	116
240	Electronic structure of $\text{Zn}_{1-x}\text{Co}_x\text{O}$ using photoemission and x-ray absorption spectroscopy. <i>Applied Physics Letters</i> , 2004 , 84, 4233-4235	3.4	107
239	Electronic structure of Ni-based superconducting quaternary compounds: $\text{YNi}_2\text{B}_2\text{X}$ (X=B, C, N, and O). <i>Physical Review B</i> , 1994 , 50, 4030-4033	3.3	107
238	Electronic structures of antiperovskite superconductors MgXNi_3 (X=B, C, and N). <i>Physical Review B</i> , 2001 , 64,	3.3	99
237	Origin of the Two-Peak Photoemission and Inverse-Photoemission Spectra in Ce and Ce Compounds. <i>Physical Review Letters</i> , 1984 , 53, 1673-1676	7.4	95
236	Half-metallic antiferromagnetic double perovskites: LaAVRuO_6 (A=Ca, Sr, and Ba). <i>Physical Review B</i> , 2002 , 65,	3.3	90
235	Interface phenomena at semiconductor heterojunctions: Local-density valence-band offset in GaAs/AlAs. <i>Physical Review B</i> , 1987 , 35, 9871-9874	3.3	90
234	Pressure-induced electronic and structural phase transitions in solid hydrogen. <i>Physical Review B</i> , 1986 , 33, 6383-6390	3.3	84
233	Structural, electronic, and magnetic properties of Co: Evidence for magnetism-stabilizing structure. <i>Physical Review B</i> , 1986 , 33, 7852-7854	3.3	83
232	Half-metallic electronic structures of giant magnetoresistive spinels: $\text{Fe}_{1-x}\text{Cu}_x\text{Cr}_2\text{S}_4$ (x=0.0,0.5,1.0). <i>Physical Review B</i> , 1999 , 59, 10018-10024	3.3	79
231	Magnetic couplings, optical spectra, and spin-orbit exciton in 5d electron Mott insulator Sr_2IrO_4 . <i>Physical Review Letters</i> , 2012 , 109, 167205	7.4	76
230	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,	3.3	73

229	Phase stability and magnetism of Ni ₃ Al. <i>Physical Review B</i> , 1990 , 41, 5010-5016	3.3	73
228	Total-energy local-density studies of the alpha - gamma phase transition in Ce. <i>Physical Review B</i> , 1986 , 34, 369-378	3.3	73
227	Nearly room temperature ferromagnetism in a magnetic metal-rich van der Waals metal. <i>Science Advances</i> , 2020 , 6, eaay8912	14.3	72
226	Persistent Charge-Density-Wave Order in Single-Layer TaSe. <i>Nano Letters</i> , 2018 , 18, 689-694	11.5	72
225	Effects of the spin-orbit interaction in Heusler compounds: Electronic structures and Fermi surfaces of NiMnSb and PtMnSb. <i>Physical Review B</i> , 1995 , 51, 10436-10442	3.3	72
224	Magnetism, electronic structure, and Fermi surface of Ni ₃ Al. <i>Physical Review B</i> , 1988 , 37, 6757-6762	3.3	64
223	Bulk-sensitive photoemission spectroscopy of A ₂ FeMoO ₆ double perovskites (A=Sr,Ba). <i>Physical Review B</i> , 2002 , 66,	3.3	63
222	Itinerant ferromagnetism in half-metallic CoS ₂ . <i>Physical Review B</i> , 2000 , 62, 357-360	3.3	63
221	Structural properties, superconductivity, and magnetism of metallic hydrogen. <i>Physical Review B</i> , 1984 , 30, 5076-5083	3.3	63
220	Local density total energy description of ground and excited state properties of the rare earth metals. <i>Journal of Magnetism and Magnetic Materials</i> , 1986 , 61, 139-150	2.8	59
219	Correlation-assisted phonon softening and the orbital-selective Peierls transition in VO ₂ . <i>Physical Review B</i> , 2013 , 87,	3.3	58
218	The effect of the spin-orbit interaction on the electronic structure of magnetic materials. <i>Journal of Physics Condensed Matter</i> , 1991 , 3, 5131-5141	1.8	58
217	Enhancement of Fe magnetic moments in ferromagnetic Fe ₁₆ N ₂ . <i>Physical Review B</i> , 1992 , 46, 8232-8236	9.3	55
216	Polaron transport and lattice dynamics in colossal-magnetoresistance manganites. <i>Physical Review B</i> , 1997 , 55, 12454-12459	3.3	53
215	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
214	Temperature-dependent Fermi surface evolution in heavy fermion CeIrIn ₅ . <i>Physical Review Letters</i> , 2012 , 108, 016402	7.4	52
213	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
212	Structural and electronic properties of bulk GaAs, bulk AlAs, and the (GaAs) ₁ (AlAs) ₁ superlattice. <i>Physical Review B</i> , 1988 , 38, 1970-1977	3.3	51

211	Anisotropic electric conductivity of delafossite PdCoO ₂ studied by angle-resolved photoemission spectroscopy. <i>Physical Review Letters</i> , 2009 , 102, 256404	7.4	50
210	Electronic structures and magnetic properties of spinel ZnMn ₂ O ₄ under high pressure. <i>Physical Review B</i> , 2006 , 74,	3.3	50
209	Origin of the giant magnetic moments of Fe impurities on and in Cs films. <i>Physical Review Letters</i> , 2000 , 84, 3970-3	7.4	48
208	Nature of itinerant ferromagnetism of SrRuO ₃ : A DFT+DMFT study. <i>Physical Review B</i> , 2015 , 91,	3.3	47
207	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
206	Formation energy and lattice relaxation for point defects in Li and Al. <i>Physical Review B</i> , 1992 , 45, 2607-2612	3.3	43
205	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, 2496-2509	16.4	42
204	Unquenched large orbital magnetic moment in NiO. <i>Physical Review B</i> , 2000 , 62, 73-75	3.3	42
203	Electronic-structure calculation for metals by local optimization. <i>Physical Review B</i> , 1989 , 39, 4853-4861	3.3	40
202	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
201	Half-metallic antiferromagnets in thiospinels. <i>Physical Review B</i> , 2001 , 64,	3.3	39
200	Layer-Confined Excitonic Insulating Phase in Ultrathin Ta ₂ NiSe ₅ Crystals. <i>ACS Nano</i> , 2016 , 10, 8888-94	16.7	37
199	Quantum oscillations of the metallic triangular-lattice antiferromagnet PdCrO ₂ . <i>Physical Review Letters</i> , 2013 , 111, 176405	7.4	36
198	Crossroads electronic structure of MnS, MnSe, and MnTe. <i>Physica Status Solidi (B): Basic Research</i> , 2004 , 241, 1411-1414	1.3	36
197	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
196	Electronic structure of the double-perovskite Ba ₂ FeMoO ₆ using photoemission spectroscopy. <i>Physical Review B</i> , 2001 , 64,	3.3	35
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	Electronic structures of RTe ₂ (R = La,Ce): a clue to the pressure-induced superconductivity in CeTe _{1.82} . <i>Physical Review Letters</i> , 2004 , 93, 156406	7.4	33

193	Electronic structure of metallic antiperovskite compound GaMn ₃ . <i>Physical Review B</i> , 2002 , 66,	3.3	33
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 spin structure of spinel FeV ₂ O ₄ with different orbital degrees of freedom. <i>Physical Review B</i> , 2012 , 85,	3.3	31
190	Fermi surface and surface electronic structure of delafossite PdCoO ₂ . <i>Physical Review B</i> , 2009 , 80,	3.3	31
189	The valence state of Ce in electron-doped manganites: La _{0.7} Ce _{0.3} MnO ₃ . <i>Journal of Physics Condensed Matter</i> , 2001 , 13, 3779-3789	1.8	31
188	Electronic excitations in the edge-shared relativistic Mott insulator: Na ₂ IrO ₃ . <i>Physical Review B</i> , 2014 , 89,	3.3	30
187	Charge and orbital ordering and spin-state transition driven by structural distortion in YBaCo ₂ O ₅ . <i>Physical Review B</i> , 2000 , 62, R14637-R14640	3.3	30
186	Effect of quantum confinement on electron tunneling through a quantum dot. <i>Physical Review B</i> , 1997 , 55, 15412-15415	3.3	29
185	Magnetic ground state of metallic hydrogen and lithium in the low-density limit. <i>Physical Review B</i> , 1986 , 33, 324-329	3.3	29
184	Band Symmetries of Mixed-Valence Topological Insulator: SmB ₆ . <i>Journal of the Physical Society of Japan</i> , 2015 , 84, 024722	1.5	28
183	Valence and spin states, and the metal-insulator transition in ferromagnetic La _{2-x} Sr _x MnNiO ₆ (x=0,0.2). <i>Physical Review B</i> , 2009 , 80,	3.3	28
182	Valence states and occupation sites in (Fe,Mn) ₃ 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	1.8	28
181	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
180	Photoemission study of RCo ₂ (R=Ce, Pr, Nd). <i>Physical Review B</i> , 1992 , 46, 15689-15696	3.3	27
179	Origin of first-order-type electronic and structural transitions in IrTe ₂ . <i>Physical Review Letters</i> , 2015 , 114, 136401	7.4	26
178	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
177	Extended Drude model analysis of noble metals. <i>Physica Status Solidi (B): Basic Research</i> , 2007 , 244, 1354-1362	1.3	26
176	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

175	Electronic structure of the metallic antiferromagnet PdCrO ₂ measured by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2013 , 88,	3-3	25
174	Valence and spin states in delafossite AgNiO ₂ and the frustrated Jahn-Teller system ANiO ₂ (A=Li,Na). <i>Physical Review B</i> , 2007 , 76,	3-3	25
173	Equation-of-motion treatment of the impurity Anderson model with a finite on-site Coulomb repulsion. <i>Physical Review B</i> , 1995 , 52, 10689-10692	3-3	25
172	Strong interband interaction in the excitonic insulator phase of Ta ₂ NiSe ₅ . <i>Physical Review B</i> , 2019 , 99,	3-3	24
171	Electronic Structure of YbB ₆ : Is it a Topological Insulator or Not?. <i>Physical Review Letters</i> , 2016 , 116, 116401	7-4	24
170	Charge ordering in doped manganese oxides: Lattice dynamics and magnetic structure. <i>Physical Review B</i> , 1997 , 55, R14713-R14716	3-3	23
169	Electronic structure of the cubic perovskite SrMn _{1-x} FexO ₃ investigated by x-ray spectroscopies. <i>Physical Review B</i> , 2008 , 78,	3-3	23
168	Surface electronic structures of superconducting thin film MgB ₂ (0001). <i>Physical Review B</i> , 2001 , 64,	3-3	23
167	Importance of the van Hove singularity in superconducting PdTe ₂ . <i>Physical Review B</i> , 2018 , 97,	3-3	22
166	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
165	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
164	Local-density total-energy supercell description of excited-state properties of solids: Ce photoemission and inverse photoemission spectra. <i>Physical Review B</i> , 1986 , 33, 8005-8015	3-3	22
163	Electronic structure, dynamic susceptibility, and Néel temperature of the heavy-fermion magnet UCu ₅ . <i>Physical Review B</i> , 1988 , 38, 6818-6823	3-3	22
162	Dimerization-induced Fermi-surface reconstruction in IrTe ₂ . <i>Physical Review Letters</i> , 2014 , 113, 266406	7-4	21
161	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
160	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
159	Electronic structure and magnetic properties of hole-carrier-doped La ₂ MnNiO ₆ :La _{2-x} SrxMnNiO ₆ . <i>Physical Review B</i> , 2010 , 81,	3-3	20
158	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

157	Valence band and Sb 4d core level photoemission of the XMnSb-type Heusler compounds (X=Pt,Pd,Ni). <i>Journal of Physics Condensed Matter</i> , 1995 , 7, 3789-3800	1.8	20
156	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
155	Effects of doping and magnetic field on the half-metallic electronic structures of La _{1-x} BaxMnO ₃ . <i>Physical Review B</i> , 1997 , 56, 12046-12049	3.3	19
154	Photoemission study of AgTO ₂ delafossites (T=Fe, Co, Ni). <i>Physical Review B</i> , 2000 , 61, 10682-10687	3.3	19
153	Photoemission study of an f-electron superconductor: CeRu ₂ . <i>Physical Review B</i> , 1999 , 60, 5348-5353	3.3	19
152	Size-dependent structural evolution of the biomineralized iron-core nanoparticles in ferritins. <i>Applied Physics Letters</i> , 2013 , 102, 133703	3.4	18
151	Soft x-ray absorption and photoemission spectroscopy study of superoxide KO ₂ . <i>Physical Review B</i> , 2010 , 82,	3.3	18
150	Resonant photoemission spectroscopy study of impurity-induced melting in Cr- and Ru-doped Nd _{1/2} A _{1/2} MnO ₃ (A=Ca,Sr). <i>Physical Review B</i> , 2003 , 68,	3.3	18
149	Valence-band photoemission spectroscopy of the giant magnetoresistive spinel compound Fe _{0.5} Cu _{0.5} Cr ₂ S ₄ . <i>Physical Review B</i> , 2001 , 63,	3.3	18
148	Electronic structures of the half-metallic Heusler alloys: NiMnSb and PtMnSb. <i>Solid State Communications</i> , 1993 , 88, 653-657	1.6	18
147	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
146	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
145	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
144	Band folding and Fermi surface in antiferromagnetic NdB ₆ . <i>Physical Review B</i> , 1991 , 44, 13270-13276	3.3	17
143	Substrate-tuning of correlated spin-orbit oxides revealed by optical conductivity calculations. <i>Scientific Reports</i> , 2016 , 6, 27095	4.9	16
142	Spin-polaron model: Transport properties of EuB ₆ . <i>Physical Review B</i> , 2004 , 69,	3.3	16
141	Electronic structures of Mo pyrochlore: R ₂ Mo ₂ O ₇ (R=Nd, Sm). <i>Physical Review B</i> , 2002 , 65,	3.3	16
140	Electronic structure of LaCo ₁₃ . <i>Physical Review B</i> , 1994 , 49, 9697-9701	3.3	16

- 139 Hybridization and correlation effects in the photoemission spectra of RNi₂ (R=Ce, Pr, and Nd). *Physical Review B*, **1994**, 49, 16248-16255 3.3 16
- 138 Boron solution and distribution in δ -Fe: Application to boron steel. *Physical Review B*, **2010**, 81, 114107 3.3 15
- 137 Energy dispersions and bandwidth in Pd 4d photoemission spectra. *Physical Review B*, **1997**, 56, 10605-10613 3.3 15
- 136 Temperature-dependent resonant photoemission study of the metallic and charge-ordered phases of Pr_{1-x}Sr_xMnO₃. *Physical Review B*, **1999**, 60, 13257-13260 3.3 15
- 135 Electronic and magnetic structures of the rare-earth permanent magnet Nd₂Fe₁₄B. *Physical Review B*, **1993**, 48, 6217-6224 3.3 15
- 134 Optical signatures of spin-orbit exciton in bandwidth-controlled Sr₂IrO₄ epitaxial films via high-concentration Ca and Ba doping. *Physical Review B*, **2017**, 95, 114407 3.3 14
- 133 Valence-state transition in SrMn_{1-x}MoxO₃ (0 ≤ x ≤ 0.5) investigated by soft x-ray absorption spectroscopy. *Physical Review B*, **2009**, 80, 114407 3.3 14
- 132 Phonon softening and superconductivity triggered by spin-orbit coupling in simple-cubic δ -polonium crystals. *Physical Review B*, **2012**, 86, 114407 3.3 14
- 131 Abnormal spin structure of manganese ferrite investigated by Fe⁵⁷ NMR. *Physical Review B*, **2007**, 75, 114407 3.3 14
- 130 Theoretical search for spintronic and electrochromic device materials based on Li-intercalated transition-metal-doped anatase TiO₂. *Physical Review B*, **2003**, 68, 114407 3.3 14
- 129 Renormalization constant and effective mass for the two-dimensional electron gas. *Physical Review B*, **1993**, 48, 1914-1917 3.3 14
- 128 Electronic and structural properties of Lu under pressure: Relation to structural phases of the rare-earth metals. *Physical Review B*, **1986**, 34, 654-658 3.3 14
- 127 Nanoscale Superconducting Honeycomb Charge Order in IrTe₂. *Nano Letters*, **2016**, 16, 4260-5 11.5 14
- 126 Termination-dependent electronic and magnetic properties of ultrathin SrRuO₃ (111) films on SrTiO₃. *Physical Review B*, **2014**, 89, 114407 3.3 13
- 125 Fermi surface reconstruction in CeTe₂ induced by charge density waves investigated via angle resolved photoemission. *Physical Review B*, **2012**, 85, 114407 3.3 13
- 124 Li intercalation effects on magnetism in undoped and Co-doped anatase TiO₂. *Physica B: Condensed Matter*, **2003**, 328, 120-122 2.8 13
- 123 Effects of phonon hardening on the polaron transport in colossal magnetoresistive manganites. *Physical Review B*, **2000**, 61, 84-87 3.3 13
- 122 Temperature-dependent orbital physics in a spin-orbital-lattice-coupled 2p electron Mott system: The case of KO₂. *Physical Review B*, **2014**, 89, 114407 3.3 12

121	Pressure-induced phonon softenings and the structural and magnetic transitions in CrO ₂ . <i>Physical Review B</i> , 2012 , 85,	3.3	12
120	Effect of orbital symmetry on the anisotropic superexchange interaction. <i>New Journal of Physics</i> , 2011 , 13, 073034	2.9	12
119	Electronic structure of single-crystalline thermoelectric Bi ₂ −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
118	n dependence of the valence-band offset in (GaAs) _n (AlAs) _n : Role of charge redistribution, interface dipoles, and cation 3d states. <i>Physical Review B</i> , 1988 , 38, 1291-1295	3.3	12
117	Observation of variable hybridized-band gaps in Eu-intercalated graphene. <i>Nanotechnology</i> , 2017 , 28, 205201	3.4	11
116	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
115	Temperature-dependent magnetic circular dichroism study of ferromagnetic double perovskite La ₂ MnNiO ₆ . <i>Journal of Applied Physics</i> , 2010 , 107, 09D721	2.5	11
114	Correlation effect and magnetic moments in Cr ₂ Te ₃ . <i>Journal of Applied Physics</i> , 2007 , 101, 09G522	2.5	11
113	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
112	Electronic structures of electron-doped manganite: La _{0.7} Ce _{0.3} MnO ₃ . <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2001 , 114-116, 801-805	1.7	11
111	Magnetic effects in sulfur-decorated graphene. <i>Scientific Reports</i> , 2016 , 6, 21460	4.9	11
110	Interacting-Holstein and extended-Holstein bipolarons. <i>Physical Review B</i> , 2014 , 89,	3.3	10
109	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
108	Correlation between Mn and Ru valence states and magnetic phases in SrMn ₁ −RuxO ₃ . <i>Physical Review B</i> , 2015 , 91,	3.3	10
107	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
106	Electronic structures and magnetic properties of a ferromagnetic insulator: La ₂ MnNiO ₆ . <i>Journal of Applied Physics</i> , 2009 , 105, 07E515	2.5	10
105	Photoemission, soft x-ray absorption, and magnetic circular dichroism spectroscopy study of Fe ₁ −CuxCr ₂ S ₄ (0.1−0.5) spinel sulfides. <i>Journal of Physics Condensed Matter</i> , 2006 , 18, 7413-7426	1.8	10
104	Photoemission study of Zn ₁ −CoxO as a possible DMS. <i>Physica Status Solidi (B): Basic Research</i> , 2004 , 241, 1529-1532	1.3	10

103	Temperature-dependent valence-band photoemission study of UNiSn. <i>Physical Review B</i> , 2001 , 64,	3.3	10
102	Correlation-enhanced electron-phonon interaction in a strongly correlated electron system. <i>Physical Review B</i> , 1995 , 51, 3850-3855	3.3	10
101	Temperature-dependent excitonic superfluid plasma frequency evolution in an excitonic insulator, TaNiSe. <i>Scientific Reports</i> , 2018 , 8, 11961	4.9	10
100	Suppression of the charge density wave instability in R ₂ O ₂ Bi (R = La, Er) due to large spin-orbit coupling. <i>Physical Review B</i> , 2016 , 93,	3.3	9
99	Correlated electronic structures and the phase diagram of hydrocarbon-based superconductors. <i>New Journal of Physics</i> , 2013 , 15, 113030	2.9	9
98	Photoemission spectroscopy study of metal-insulator transition in SrMn _{1-x} FexO ₃ . <i>Physical Review B</i> , 2010 , 81,	3.3	9
97	Origin of high N _B l temperature in the low coordination number system AFeO ₂ (A=K and Rb). <i>Physical Review B</i> , 2010 , 81,	3.3	9
96	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
95	Phase separation in thermoelectric delafossite CuFe _{1-x} NixO ₂ observed by soft x-ray magnetic circular dichroism. <i>Applied Physics Letters</i> , 2011 , 99, 012108	3.4	9
94	Monte Carlo study of a temperature-driven spin-reorientation transition in an antiferromagnetic system. <i>Physical Review B</i> , 2008 , 77,	3.3	9
93	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
92	Resonant photoemission spectroscopy of the quenched superconductivity system: Y _{1-x} PrxBa ₂ Cu ₃ O _{7-δ} single crystals. <i>Physical Review B</i> , 2002 , 66,	3.3	9
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