

Sang-Wook Cheong

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Multiferroics: a magnetic twist for ferroelectricity. Nature Materials, 2007, 6, 13-20.	13.3	4,054
2	Low Temperature Magnetoresistance and the Magnetic Phase Diagram of $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$. Physical Review Letters, 1995, 75, 3336-3339.	2.9	2,081
3	Electric polarization reversal and memory in a multiferroic material induced by magnetic fields. Nature, 2004, 429, 392-395.	13.7	2,060
4	Lattice Effects on the Magnetoresistance in Doped LaMnO_3 . Physical Review Letters, 1995, 75, 914-917.	2.9	1,898
5	Spin-Polarized Intergrain Tunneling in $\text{La}_{2/3}\text{Sr}_{1/3}\text{MnO}_3$. Physical Review Letters, 1996, 77, 2041-2044.	2.9	1,725
6	Switchable Ferroelectric Diode and Photovoltaic Effect in BiFeO_3 . Science, 2009, 324, 63-66.	6.0	1,685
7	Percolative phase separation underlies colossal magnetoresistance in mixed-valent manganites. Nature, 1999, 399, 560-563.	13.7	1,662
8	Charge, orbital, and magnetic ordering in $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ s. Physical Review B, 1997, 55, 3015-3023.	1.1	841
9	Multiferroics: Past, present, and future. Physics Today, 2010, 63, 38-43.	0.3	826
10	Structural effects on the magnetic and transport properties of perovskite $\text{A}_{1-x}\text{A}'_x\text{MnO}_3$ ($x=0.25, 0.30$). Physical Review B, 1997, 56, 8265-8276.	1.1	811
11	Multiferroic materials and magnetoelectric physics: symmetry, entanglement, excitation, and topology. Advances in Physics, 2015, 64, 519-626.	35.9	661
12	Simultaneous Structural, Magnetic, and Electronic Transitions in $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ with $x=0.25$ and 0.50 . Physical Review Letters, 1995, 75, 4488-4491.	2.9	636
13	Pairing of charge-ordered stripes in $(\text{La,Ca})\text{MnO}_3$. Nature, 1998, 392, 473-476.	13.7	632
14	Gate-tunable phase transitions in thin flakes of 1T-TaS_2 . Nature Nanotechnology, 2015, 10, 270-276.	15.6	584
15	Spin Waves and Electronic Interactions in La_2CuO_4 . Physical Review Letters, 2001, 86, 5377-5380.	2.9	541
16	Incommensurate magnetic fluctuations in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. Physical Review Letters, 1991, 67, 1791-1794.	2.9	534
17	Commensurate to Incommensurate Charge Ordering and Its Real-Space Images in $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$. Physical Review Letters, 1996, 76, 4042-4045.	2.9	524
18	Spin Waves and Revised Crystal Structure of Honeycomb Iridate Na_2IrO_4 . Physical Review Letters, 2012, 108, 127204.	2.9	502

#	ARTICLE	IF	CITATIONS
19	Electronic states in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ probed by soft-x-ray absorption. <i>Physical Review Letters</i> , 1991, 66, 104-107.	2.9	463
20	Emergent excitations in a geometrically frustrated magnet. <i>Nature</i> , 2002, 418, 856-858.	13.7	460
21	Structural phenomena associated with the spin-state transition in LaCoO_3 . <i>Physical Review B</i> , 2002, 66, .	1.1	457
22	Charge modulations in $\text{La}_{2-x}\text{Sr}_x\text{NiO}_{4+y}$: Ordering of polarons. <i>Physical Review Letters</i> , 1993, 71, 2461-2464.	2.9	449
23	Thermodynamic and Electron Diffraction Signatures of Charge and Spin Ordering in $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$. <i>Physical Review Letters</i> , 1996, 76, 3188-3191.	2.9	434
24	Insulating interlocked ferroelectric and structural antiphase domain walls in multiferroic YMnO_3 . <i>Nature Materials</i> , 2010, 9, 253-258.	13.3	373
25	Mechanism of the Switchable Photovoltaic Effect in Ferroelectric BiFeO_3 . <i>Advanced Materials</i> , 2011, 23, 3403-3407.	11.1	372
26	Experimental demonstration of hybrid improper ferroelectricity and the presence of abundant charged walls in $(\text{Ca,Sr})_3\text{Ti}_2\text{O}_7$ crystals. <i>Nature Materials</i> , 2015, 14, 407-413.	13.3	357
27	Giant magneto-elastic coupling in multiferroic hexagonal manganites. <i>Nature</i> , 2008, 451, 805-808.	13.7	356
28	Local Spin Resonance and Spin-Peierls-like Phase Transition in a Geometrically Frustrated Antiferromagnet. <i>Physical Review Letters</i> , 2000, 84, 3718-3721.	2.9	352
29	Colossal Magnetodielectric Effects in DyMn_2O_5 . <i>Physical Review Letters</i> , 2004, 93, 107207.	2.9	336
30	Influence of oxygen content on the structural, magnetotransport, and magnetic properties of LaMnO_3 . <i>Physical Review B</i> , 1997, 56, 8902-8911.	1.1	328
31	Formation of isomorphous Ir^{3+} and Ir^{4+} octamers and spin dimerization in the spinel CuIr_2S_4 . <i>Nature</i> , 2002, 416, 155-158.	13.7	315
32	Large Kerr effect in bulk Se-based chalcogenide glasses. <i>Optics Letters</i> , 2000, 25, 254.	1.7	311
33	Structural Anomalies and Multiferroic Behavior in Magnetically Frustrated TbMn_2O_5 . <i>Physical Review Letters</i> , 2004, 93, 177402.	2.9	309
34	Electronic Aspects of the Ferromagnetic Transition in Manganese Perovskites. <i>Physical Review Letters</i> , 1996, 76, 4215-4218.	2.9	296
35	The role of strain in magnetic anisotropy of manganite thin films. <i>Applied Physics Letters</i> , 1997, 71, 140-142.	1.5	287
36	Magnetic dynamics of La_2CuO_4 and $\text{La}_{2-x}\text{Ba}_x\text{CuO}_4$. <i>Physical Review Letters</i> , 1989, 62, 2052-2055.	2.9	275

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37	<p>Thickness-dependent bulk properties and weak antilocalization effect in topological insulator Bi_2Se_3. Physical Review B, 2011, 84, .</p>	1.1	270
38	Charge localization by static and dynamic distortions of the MnO_6 octahedra in perovskite manganites. Physical Review B, 1996, 54, 8992-8995.	1.1	259
39	Spin structure and magnetic frustration in multiferroic RMn_2O_5 (R=Tb, Ho, Dy). Physical Review B, 2005, 71, .	1.1	252
40	Structural changes, clustering, and photoinduced phase segregation in $\text{Pr}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$. Physical Review B, 1998, 57, 3305-3314.	1.1	239
41	Atomic-scale images of charge ordering in a mixed-valence manganite. Nature, 2002, 416, 518-521.	13.7	231
42	Large, dispersive photoelectron Fermi edge and the electronic structure of $\text{YBa}_2\text{Cu}_3\text{O}_{6.9}$ single crystals measured at 20 K. Physical Review B, 1989, 40, 2268-2277.	1.1	222
43	Evidence for collective spin dynamics above the ordering temperature in $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$. Physical Review B, 1996, 53, 6521-6525.	1.1	222
44	Enhanced Intergrain Tunneling Magnetoresistance in Half-Metallic CrO_2 Films. Science, 1997, 278, 1607-1609.	6.0	218
45	Charge-ordered states in $(\text{La}, \text{Sr})_2\text{NiO}_4$ for hole concentrations $n_h = 1/3$ and $1/2$. Physical Review B, 1994, 49, 7088-7091.	1.1	212
46	Impact of Charge Ordering on Magnetic Correlations in Perovskite $(\text{Bi}, \text{Ca})\text{MnO}_3$. Physical Review Letters, 1997, 78, 543-546.	2.9	212
47	Large room-temperature intergrain magnetoresistance in double perovskite $\text{SrFe}_{1-x}(\text{Mo} \text{ or } \text{Re})_x\text{O}_3$. Applied Physics Letters, 1999, 74, 1737-1739.	1.5	210
48	Wigner-crystal and bi-stripe models for the magnetic and crystallographic superstructures of $\text{La}_{0.333}\text{Ca}_{0.667}\text{MnO}_3$. Physical Review B, 1999, 59, 14440-14450.	1.1	210
49	Magnetic imaging of a supercooling glass transition in a weakly disordered ferromagnet. Nature Materials, 2006, 5, 881-886.	13.3	205
50	High-energy spin waves in La_2CuO_4 . Physical Review Letters, 1991, 67, 3622-3625.	2.9	192
51	Systematic Mn d-configuration change in the $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ system: A Mn K-edge XAS study. Physical Review B, 1997, 55, 8726-8732.	1.1	192
52	Crossover from Large to Small Polarons across the Metal-Insulator Transition in Manganites. Physical Review Letters, 1998, 81, 878-881.	2.9	190
53	Intergrain Magnetoresistance via Second-Order Tunneling in Perovskite Manganites. Physical Review Letters, 1999, 82, 4508-4511.	2.9	190
54	Phonon Raman scattering in $\text{R}_{1-x}\text{A}_x\text{MnO}_3$ ($\text{R}=\text{La}, \text{Pr}; \text{A}=\text{Ca}, \text{Sr}$). Physical Review B, 1998, 58, 11435-11440.	1.1	185

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55	Spin-Peierls State versus Néel State in Doped CuGeO ₃ . Physical Review Letters, 1995, 74, 1450-1453.	2.9	183
56	Martensitic accommodation strain and the metal-insulator transition in manganites. Physical Review B, 2001, 64, .	1.1	179
57	Thermal and Electronic Transport Properties and Two-Phase Mixtures in La _{5/8} xPrxCa _{3/8} MnO ₃ . Physical Review Letters, 2000, 84, 2961-2964.	2.9	178
58	Superconductivity of rare earth-barium-copper oxides. Solid State Communications, 1987, 62, 743-744.	0.9	177
59	Patterning-Induced Ferromagnetism of Fe ₃ GeTe ₂ van der Waals Materials beyond Room Temperature. Nano Letters, 2018, 18, 5974-5980.	4.5	177
60	Growth of the optical conductivity in the Cu-O planes. Physical Review B, 1990, 41, 11605-11608.	1.1	175
61	Raman and optical spectroscopic studies of small-to-large polaron crossover in the perovskite manganese oxides. Physical Review B, 1998, 58, 2795-2801.	1.1	173
62	Spin Waves throughout the Brillouin Zone of a Double-Exchange Ferromagnet. Physical Review Letters, 1996, 77, 711-714.	2.9	172
63	Structural Aspects of the Crystallographic-Magnetic Transition in LaVO ₃ around 140 K. Journal of Solid State Chemistry, 1993, 106, 253-270.	1.4	171
64	Charge-ordered stripes in La _{1-x} CaxMnO ₃ with x>0.5 (invited). Journal of Applied Physics, 1997, 81, 4326-4330.	1.1	170
65	High carrier mobility in transparent Ba _{1-x} LaxSnO ₃ crystals with a wide band gap. Applied Physics Letters, 2012, 100, .	1.5	170
66	Probing Spin Correlations with Phonons in the Strongly Frustrated Magnet ZnCr ₂ O ₄ . Physical Review Letters, 2005, 94, 137202.	2.9	168
67	Charge-Orbital Density Wave and Superconductivity in the Strong Spin-Orbit Coupled IrTe_2 . Physical Review Letters, 2012, 108, 116402.	2.9	168
68	Evolution of the Low-Frequency Spin Dynamics in Ferromagnetic Manganites. Physical Review Letters, 1998, 80, 4012-4015.	2.9	165
69	Direct Observation of the Proliferation of Ferroelectric Loop Domains and Vortex-Antivortex Pairs. Physical Review Letters, 2012, 108, 167603.	2.9	165
70	Ferromagnetic Ordering and Unusual Magnetic Ion Dynamics in La _{0.67} Ca _{0.33} MnO ₃ . Physical Review Letters, 1996, 77, 1869-1872.	2.9	163
71	Extraordinary pressure dependence of the metal-to-insulator transition in the charge-transfer compounds NdNiO ₃ and PrNiO ₃ . Physical Review B, 1993, 47, 12357-12360.	1.1	158
72	Transport mechanisms in doped LaMnO ₃ : Evidence for polaron formation. Physical Review B, 1997, 56, 5104-5107.	1.1	157

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73	Comparison of the High-Frequency Magnetic Fluctuations in Insulating and Superconducting $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. Physical Review Letters, 1996, 76, 1344-1347.	2.9	152
74	Magnetic Order and Spin Dynamics in Ferroelectric HoMnO_3 . Physical Review Letters, 2005, 94, 087601.	2.9	151
75	Complex magnetic properties of the rare-earth copper oxides, R_2CuO_4 , observed via measurements of the dc and ac magnetization, EPR, microwave magnetoabsorption, and specific heat. Physical Review B, 1990, 41, 1934-1948.	1.1	149
76	Melting of Quasi-Two-Dimensional Charge Stripes in $\text{La}_{5/3}\text{Sr}_{1/3}\text{NiO}_4$. Physical Review Letters, 1997, 79, 2514-2517.	2.9	149
77	Optical properties and magnetochromism in multiferroic BiFeO_3 . Physical Review B, 2009, 79, .	1.1	149
78	Large dielectric constants and massive carriers in La_2CuO_4 . Physical Review Letters, 1989, 62, 2048-2051.	2.9	148
79	Thermal Conductivity of Geometrically Frustrated, Ferroelectric YMnO_3 : Extraordinary Spin-Phonon Interactions. Physical Review Letters, 2004, 93, 177202.	2.9	148
80	Magnetic properties of Gd_2CuO_4 crystals. Physical Review B, 1989, 39, 6660-6666.	1.1	144
81	Light scattering from quantum spin fluctuations in R_2CuO_4 (R=La, Nd, Sm). Physical Review B, 1990, 41, 225-230.	1.1	144
82	Mesoscopic and microscopic phase segregation in manganese perovskites. Physical Review B, 2001, 63, .	1.1	143
83	Frustrated Magnetism and Cooperative Phase Transitions in Spinels. Journal of the Physical Society of Japan, 2010, 79, 011004.	0.7	141
84	Magnetic ordering of Nd in $(\text{Nd,Ce})_2\text{CuO}_4$. Physical Review B, 1990, 41, 2569-2572.	1.1	139
85	Topological defects as relics of emergent continuous symmetry and Higgs condensation disorder in ferroelectrics. Nature Physics, 2014, 10, 970-977.	6.5	136
86	Magnetic and Charge Dynamics in a Doped One-Dimensional Transition Metal Oxide. Physical Review Letters, 1994, 73, 1857-1860.	2.9	134
87	Optical studies of gap, exchange, and hopping energies in the insulating cuprates. Physical Review B, 1990, 42, 10785-10788.	1.1	133
88	Structural Phase Diagram of Perovskite $\text{A}_{0.7}\text{A}'_{0.3}\text{MnO}_3$ (A= La, Pr; A' = Ca, Sr, Ba): A New $\text{A}2\text{B}2\text{C}$ Allotype. Journal of Solid State Chemistry, 1996, 122, 444-447.	1.4	129
89	Superconductivity above 90 K in magnetic rare earth-barium-copper oxides. Journal of Magnetism and Magnetic Materials, 1987, 67, L139-L142.	1.0	124
90	Local Weak Ferromagnetism in Single-Crystalline Ferroelectric BiFeO_3 . Physical Review Letters, 2011, 107, 207206.	2.9	124

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91	Electric field control of the magnetic state in BiFeO ₃ single crystals. Applied Physics Letters, 2008, 92, .	1.5	121
92	Resonant Inelastic X-Ray Scattering from Valence Excitations in Insulating Copper Oxides. Physical Review Letters, 1999, 83, 860-863.	2.9	120
93	Magnon damping by magnon-phonon coupling in manganese perovskites. Physical Review B, 2000, 61, 9553-9557.	1.1	120
94	Negative Thermal Expansion in Hybrid Improper Ferroelectric Ruddlesden-Popper Perovskites by Symmetry Trapping. Physical Review Letters, 2015, 114, 035701.	2.9	119
95	Strain-sensitive Magnetization Reversal of a van der Waals Magnet. Advanced Materials, 2020, 32, e2004533.	11.1	119
96	Softening and Broadening of the Zone Boundary Magnons in Pr _{0.63} Sr _{0.37} MnO ₃ . Physical Review Letters, 1998, 80, 1316-1319.	2.9	118
97	Ferroelectricity Driven by Yd ⁰ -ness with Rehybridization in YMnO ₃ . Physical Review Letters, 2007, 98, 217601.	2.9	118
98	Magnetic phase transitions and structural distortion in Nd ₂ CuO ₄ . Physica C: Superconductivity and Its Applications, 1989, 160, 124-128.	0.6	117
99	Specific heat and anisotropic magnetic susceptibility of Pr ₂ CuO ₄ , Nd ₂ CuO ₄ and Sm ₂ CuO ₄ crystals. Physica C: Superconductivity and Its Applications, 1989, 158, 102-108.	0.6	117
100	Temperature dependence of the ESR linewidth in the paramagnetic phase (T > T _C) of R ₁ ^x B _x MnO ₃ + \uparrow (R=La,Pr; B=Ca,Sr). Physical Review B, 1997, 55, 3083-3086.	1.1	117
101	Anomalous Magnetotransport Properties of R ₂ Mo ₂ O ₇ near the Magnetic Phase Boundary. Physical Review Letters, 2000, 84, 1998-2001.	2.9	117
102	Photoemission from single crystals of EuBa ₂ Cu ₃ O ₇ δ cleaved below 20 K: temperature-dependent oxygen loss. Physical Review B, 1988, 38, 11966-11969.	1.1	115
103	Correlations between the magnetic and structural properties of Ca-doped BiMnO ₃ . Physical Review B, 2001, 63, .	1.1	114
104	Kinetically stabilized ferroelectricity in bulk single-crystalline HfO ₂ :Y. Nature Materials, 2021, 20, 826-832.	13.3	114
105	Properties of La ₂ CuO ₄ and related compounds. Physica C: Superconductivity and Its Applications, 1989, 158, 109-126.	0.6	113
106	Direct visualization of magnetoelectric domains. Nature Materials, 2014, 13, 163-167.	13.3	112
107	Normal-state properties of ABa ₂ Cu ₃ O ₇ δ compounds (A=Y and Gd): Electron-electron correlations. Physical Review B, 1987, 36, 3913-3916.	1.1	107
108	Collective Magnetism at Multiferroic Vortex Domain Walls. Nano Letters, 2012, 12, 6055-6059.	4.5	106

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109	Non-hysteretic colossal magnetoelectricity in a collinear antiferromagnet. Nature Communications, 2014, 5, 3201.	5.8	106
110	Observation of Two Time Scales in the Ferromagnetic Manganite $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$, $x \approx 0.3$. Physical Review Letters, 2000, 85, 3285-3288.	2.9	105
111	Giant Tunability of Ferroelectric Polarization in GdMn_2O_5 . Physical Review Letters, 2013, 110, 137203.	2.9	105
112	Anomalous phonon shifts in the paramagnetic phase of multiferroic RMn_2O_5 (R=Bi, Eu, Dy): Possible manifestations of unconventional magnetic correlations. Physical Review B, 2006, 73, .	1.1	104
113	Broken symmetries, non-reciprocity, and multiferroicity. Npj Quantum Materials, 2018, 3, .	1.8	104
114	Magnetic anisotropy of doped manganite thin films and crystals. Journal of Applied Physics, 1998, 83, 7064-7066.	1.1	103
115	Giant $1/f$ noise in perovskite manganites: Evidence of the percolation threshold. Physical Review B, 2000, 61, R3784-R3787.	1.1	103
116	Electronic phase separation and charge ordering in $(\text{Sr},\text{La})_2\text{MnO}_4$: Indication of triplet bipolarons. Solid State Communications, 1996, 98, 55-59.	0.9	101
117	Self-organization, condensation, and annihilation of topological vortices and antivortices in a multiferroic. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21366-21370.	3.3	100
118	Formation of Pancakelike Ising Domains and Giant Magnetic Coercivity in Ferrimagnetic LuFe_2O_4 . Physical Review Letters, 2008, 101, 137203.	2.9	98
119	NMR study of local structure in metallic La_2CuO_4 . Physical Review Letters, 1993, 71, 440-443.	2.9	96
120	Optical excitations of a few charges in cuprates. Physical Review B, 1992, 45, 2474-2479.	1.1	94
121	Double-exchange ferromagnetism in $\text{La}(\text{Mn}_{1-x}\text{Co}_x)\text{O}_3$. Physical Review B, 1997, 55, 11072-11075.	1.1	94
122	Relaxation between charge order and ferromagnetism in manganites: Indication of structural phase separation. Europhysics Letters, 2000, 52, 674-680.	0.7	93
123	Elastic constants and specific-heat measurements on single crystals of La_2CuO_4 . Physical Review B, 1990, 41, 2098-2102.	1.1	92
124	Unveiling hidden ferrimagnetism and giant magnetoelectricity in polar magnet $\text{Fe}_2\text{Mo}_3\text{O}_8$. Scientific Reports, 2015, 5, 12268.	1.6	92
125	Experimental signatures of a three-dimensional quantum spin liquid in effective spin-1/2 $\text{Ce}_2\text{Zr}_2\text{O}_7$ pyrochlore. Nature Physics, 2019, 15, 1052-1057.	6.5	92
126	NMR, neutron scattering, and the one-band model of $\text{La}_2\text{xSr}_x\text{CuO}_4$. Physical Review Letters, 1994, 72, 3610-3613.	2.9	91

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127	Ferroelectric Switching Dynamics of Topological Vortex Domains in a Hexagonal Manganite. <i>Advanced Materials</i> , 2013, 25, 2415-2421.	11.1	91
128	Temperature-dependent properties of the magnetic order in single-crystal BiFeO_3 . <i>Physical Review B</i> , 2011, 83, .	1.1	90
129	Low-field magnetoresistance in the pyrochlore $\text{Tl}_2\text{Mn}_2\text{O}_7$. <i>Nature</i> , 1997, 389, 942-944.	13.7	89
130	Structural anomalies at the magnetic and ferroelectric transitions in RMn_2O_5 (R=Tb,Dy,Ho). <i>Physical Review B</i> , 2006, 73, .	1.1	89
131	Collapse of charge ordering and enhancement of magnetocaloric effect in nanocrystalline $\text{La}_{0.35}\text{Pr}_{0.275}\text{Ca}_{0.375}\text{MnO}_3$. <i>Applied Physics Letters</i> , 2010, 97, .	1.5	88
132	Magnetic dilution study in La_2CuO_4 : Comparison with other two-dimensional magnets. <i>Physical Review B</i> , 1991, 44, 9739-9742.	1.1	86
133	Optical Study of the Evolution of Charge and Spin Ordering in the Manganese Perovskite $\text{Bi}_{1-x}\text{Ca}_x\text{MnO}_3$ ($x>0.5$). <i>Physical Review Letters</i> , 1998, 81, 4684-4687.	2.9	86
134	Colossal magnon-phonon coupling in multiferroic $\text{Eu}_{0.75}\text{Y}_{0.25}\text{MnO}_3$. <i>Physical Review Letters</i> , 2014, 112, .	1.1	86
135	Single ferroelectric and chiral magnetic domain of single-crystalline BiFeO_3 in an electric field. <i>Physical Review B</i> , 2008, 78, .	1.1	86
136	Impurity Effects on the Electronic/Magnetic Ground States of Perovskite Manganites. <i>Journal of the Physical Society of Japan</i> , 1999, 68, 1090-1093.	0.7	85
137	Dimerization-Induced Cross-Layer Quasi-Two-Dimensionality in Metallic IrTe_2 . <i>Physical Review Letters</i> , 2014, 112, .	2.9	85
138	Anionic Depolymerization Transition in IrTe_2 . <i>Physical Review Letters</i> , 2013, 110, 127209.	2.9	83
139	Comparative soft-x-ray resonant-photoemission study on $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$, CuO , and Cu_2O . <i>Physical Review B</i> , 1992, 45, 8205-8208.	1.1	82
140	Electromagnons in multiferroic RMn_2O_5 compounds and their microscopic origin. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 434210.	0.7	82
141	Magnon sidebands and spin-charge coupling in bismuth ferrite probed by nonlinear optical spectroscopy. <i>Physical Review B</i> , 2009, 79, .	1.1	82
142	Specific heat of defects in Haldane systems Y_2BaNiO_5 and NENP: Absence of free spin-1/2 excitations. <i>Physical Review Letters</i> , 1994, 72, 3108-3111.	2.9	81
143	Infrared Absorption from Charge Density Waves in Magnetic Manganites. <i>Physical Review Letters</i> , 1998, 81, 4504-4507.	2.9	81
144	La-doped BaSnO_3 : Degenerate perovskite transparent conducting oxide: Evidence from synchrotron x-ray spectroscopy. <i>Applied Physics Letters</i> , 2013, 103, .	1.5	81

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145	Metamagnetism in La_2CuO_4 . Physical Review B, 1989, 39, 4395-4398.	1.1	80
146	Phase separation in a high-pressure-oxygenated La_2CuO_4 crystal: Evidence from anisotropic electronic transport and magnetic susceptibility. Physical Review B, 1990, 41, 4062-4065.	1.1	80
147	^{139}La NMR study of phase separation in single-crystal La_2CuO_4 . Physical Review B, 1990, 42, 6781-6783.	1.1	80
148	Infrared-active phonons of LaMnO_3 and CaMnO_3 . Physical Review B, 1999, 60, 11875-11878.	1.1	79
149	High-energy spin and charge excitations in La_2CuO_4 . Physical Review B, 1989, 39, 9693-9696.	1.1	77
150	Magnetic phase diagram of the colossal magnetoelectric DyMn_2O_5 . Physical Review B, 2005, 72, .	1.1	77
151	Griffiths phase and thermomagnetic irreversibility behavior in slightly electron-doped manganites $\text{Sm}_{1-x}\text{Ca}_x\text{MnO}_3$. Physical Review B, 2008, 77, .	1.1	77
152	Ultrafast carrier dynamics and radiative recombination in multiferroic BiFeO_3 . Applied Physics Letters, 2012, 100, .	1.5	77
153	Localized holes in superconducting lanthanum cuprate. Physical Review B, 1998, 57, R712-R715.	1.1	76
154	Low-field magnetodielectric effect in terbium iron garnets. Applied Physics Letters, 2005, 87, 042901.	1.5	75
155	Electronic band structure and optical phonons of BaSnO_3 and $\text{Ba}_{0.97}\text{La}_{0.03}\text{SnO}_3$ single crystals: Theory and experiment. Journal of Applied Physics, 2012, 112, .	1.1	75
156	Charge and Spin Dynamics of an Ordered Stripe Phase in $\text{La}_{1.23}\text{Sr}_{1.3}\text{NiO}_4$ Investigated by Raman Spectroscopy. Physical Review Letters, 1998, 80, 564-567.	2.9	74
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