

# Christian Bernhard

## List of Publications by Year in descending order

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211  
papers

12,262  
citations

22153

59  
h-index

27406

106  
g-index

213  
all docs

213  
docs citations

213  
times ranked

9002  
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-collinear and asymmetric polar moments at back-gated SrTiO <sub>3</sub> interfaces. Communications Physics, 2022, 5, .	5.3	3
2	Long-ranged Cu-based order with $d_{z^2}$ orbital character at a YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> / manganite interface. Npj Quantum Materials, 2021, 6, .	5.2	5
3	Infrared study of the multiband low-energy excitations of the topological antiferromagnet $\text{MnBi}$ . Physical Review B, 2021, 103, .	3.2	13
4	Total Angular Momentum Dichroism of the Terahertz Vortex Beams at the Antiferromagnetic Resonances. Physical Review Letters, 2021, 126, 157401.	7.8	18
5	Imaging the Néel vector switching in the monolayer antiferromagnet MnPSe <sub>3</sub> with strain-controlled Ising order. Nature Nanotechnology, 2021, 16, 782-787.	31.5	70
6	Infrared study of the interplay of charge, spin, and lattice excitations in the magnetic topological insulator $\text{EuS}$ . Physical Review B, 2021, 103, .	3.2	5
7	Magnetic field dependence of the copper charge density wave order in a YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> /Nd <sub>0.65</sub> (Ca <sub>0.7</sub> Sr <sub>0.3</sub> ) <sub>0.35</sub> MnO <sub>3</sub> superlattice. Physical Review B, 2021, 104, .	3.2	0
8	Optical signatures of multifold fermions in the chiral topological semimetal CoSi. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 27104-27110.	7.1	37
9	Superconductivity-induced transverse plasma mode and phonon anomaly in the c-axis response of the bilayer compound RbCa <sub>2</sub> Fe <sub>4</sub> As <sub>4</sub> F <sub>2</sub> . Physical Review B, 2020, 101, .	3.2	3
10	Electron-phonon-driven three-dimensional metallicity in an insulating cuprate. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 6409-6416.	7.1	18
11	Magneto-transport in La <sub>2/3</sub> Sr <sub>1/3</sub> MnO <sub>3</sub> /YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> /Alq <sub>3</sub> /Co spin-valves. Europhysics Letters, 2020, 129, 37002.	2.0	1
12	Muon spin rotation and infrared spectroscopy study of $\text{BaFe}_2\text{As}_2$ . Physical Review B, 2020, 101, .	3.2	1
13	Optical Signature of a Crossover from Mott- to Slater-Type Gap in $\text{Sr}_2\text{VO}_4$ . Physical Review Letters, 2020, 124, 027402.	7.8	8
14	Linear and nonlinear optical responses in the chiral multifold semimetal RhSi. Npj Quantum Materials, 2020, 5, .	5.2	50
15	Backfolded acoustic phonons as ultrasonic probes in metal-oxide superlattices. Physical Review Materials, 2020, 4, .	2.4	6
16	Infrared spectroscopy study of the in-plane response of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6.6</sub> in magnetic fields up to 30 Tesla. Physical Review Research, 2020, 2, .	3.6	2
17	Terahertz-driven phonon upconversion in SrTiO <sub>3</sub> . Nature Physics, 2019, 15, 387-392.	16.7	128
18	Scaling of the Fano Effect of the In-Plane Fe-As Phonon and the Superconducting Critical Temperature in $\text{BaFe}_2\text{As}_2$ . Physical Review Letters, 2019, 122, 217002.	7.8	1

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19	Terahertz Vortex Beam as a Spectroscopic Probe of Magnetic Excitations. Physical Review Letters, 2019, 122, 237401.	7.8	60
20	Band-selective clean-limit and dirty-limit superconductivity with nodeless gaps in the bilayer iron-based superconductor $\text{CsCaF}_2$ . Physical Review B, 2019, 99, .	3.2	20
21	Growth and Nanofabrication of All-Perovskite Superconducting/Ferromagnetic/Superconducting Junctions. Journal of Superconductivity and Novel Magnetism, 2019, 32, 2721-2726.	1.8	2
22	Signatures of the bonding-antibonding splitting in the $c$ -axis infrared response of moderately underdoped bilayer and trilayer cuprate superconductors. Physical Review B, 2019, 99, .	3.2	3
23	Signatures of the bonding-antibonding splitting in the $c$ -axis infrared response of moderately underdoped bilayer and trilayer cuprate superconductors. Physical Review B, 2019, 99, .	3.2	12
24	Time-Resolved Optical Pump -THz Ellipsometer Probe Measurements. , 2019, , .		0
25	Granular superconductivity and charge/orbital order in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ /manganite trilayers. Physical Review Materials, 2019, 3, .	2.4	8
26	<i>In situ</i> monitoring of atomic layer epitaxy via optical ellipsometry. Journal Physics D: Applied Physics, 2018, 51, 125306.	2.8	18
27	Lattice-mediated magnetic order melting in $\text{TbMnO}_3$ . Physical Review B, 2018, 97, .	3.2	11
28	Coupled Cu and Mn charge and orbital orders in $\text{YBa}_2\text{Cu}_3\text{O}_7/\text{Nd}_{0.65}(\text{Ca}_{1-y}\text{Sr}_y)_{0.35}\text{MnO}_3$ multilayers. Communications Physics, 2018, 1, .	5.3	7
29	Temperature-Driven Topological Phase Transition and Intermediate Dirac Semimetal Phase in $\text{ZrTe}_5$ . Physical Review Letters, 2018, 121, 187401.	7.8	93
30	Optical study of Dirac fermions and related phonon anomalies in the antiferromagnetic compound $\text{CaFeAsF}$ . Physical Review B, 2018, 97, .	3.2	11
31	Superconductor sandwiches: cuprate-manganite multilayers with a remarkable new ground state. , 2018, , .		0
32	Anisotropy of infrared-active phonon modes in the monodomain state of tetragonal $\text{SrTiO}_3$ (110). Physical Review B, 2017, 95, .	3.2	4
33	Strongly bound excitons in anatase $\text{TiO}_2$ single crystals and nanoparticles. Nature Communications, 2017, 8, 13.	12.8	148
34	Muon spin rotation and infrared spectroscopy study of magnetism and superconductivity in $\text{BaK}_2\text{FeAs}_2$ . Physical Review B, 2017, 95, .	3.2	16
35	Local terahertz field enhancement for time-resolved x-ray diffraction. Applied Physics Letters, 2017, 110, .	3.3	21
36	Clocking the onset of bilayer coherence in a high- $T_c$ cuprate. Physical Review B, 2017, 95, .	3.2	12

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37	Superconductivity and charge-carrier localization in ultrathin $\text{La}_{0.2}\text{Mn}_{1.85}\text{O}_7$ . Physical Review B, 2017, 95, .	3.2	18
38	Anomalous anisotropic exciton temperature dependence in rutile $\text{TiO}_2$ . Physical Review B, 2017, 96, .	3.2	18
39	Structural, magnetic and electronic properties of pulsed-laser-deposition grown $\text{SrFeO}_{3-\delta}$ thin films and $\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3$ multilayers. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2017, 35, .	1.8	3
40	Infrared ellipsometry study of photo-generated charge carriers at the (001) and (110) surfaces of $\text{SrTiO}_3$ crystals and at the interface of the corresponding $\text{LaAlO}_3/\text{SrTiO}_3$ heterostructure. Europhysics Letters, 2016, 113, 47005.	3.2	11
41	Infrared ellipsometry study of the confined electrons in a high-mobility $\text{LaAlO}_3/\text{SrTiO}_3$ heterostructure. Europhysics Letters, 2016, 113, 47005.	2.0	15
42	Terahertz ellipsometry study of the soft mode behavior in ultrathin $\text{SrTiO}_3$ films. Applied Physics Letters, 2016, 108, 052901.	3.3	36
43	Optical constants, band gap, and infrared-active phonons of $(\text{LaAlO}_3)_{0.3}(\text{Sr}_2\text{AlTaO}_6)_{0.35}$ (LSAT) from spectroscopic ellipsometry. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2016, 34, .	2.1	18
44	X-ray absorption study of the ferromagnetic Cu moment at the $\text{YBa}_2\text{Cu}_7\text{O}_7/\text{LaAlO}_3$ interface. Physical Review B, 2016, 93, .	3.2	19
45	Granular superconductivity and magnetic-field-driven recovery of macroscopic coherence in a cuprate/manganite multilayer. Physical Review B, 2016, 94, .	3.2	11
46	Atomic-resolution studies of epitaxial strain release mechanisms in $\text{La}_{1.85}\text{Sr}_{0.15}\text{CuO}_4/\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3$ superlattices. Physical Review B, 2015, 91, .	3.2	2
47	Element-specific magnetization redistribution at the $\text{YBa}_2\text{Cu}_7\text{O}_7/\text{LaAlO}_3$ interface. Physical Review B, 2015, 92, .	3.2	19
48	Infrared Study of the Spin Reorientation Transition and Its Reversal in the Superconducting State in Underdoped $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ . Physical Review Letters, 2015, 115, 027003.	7.1	11
49	Effect of combined addition of graphene oxide and citric acid on superconducting properties of $\text{MgB}_2$ . Physica C: Superconductivity and Its Applications, 2015, 509, 49-55.	1.2	15
50	Manipulating magnetism in $\text{La}_{0.7}\text{Mn}_{1.3}\text{O}_7$ by piezostain. Physical Review B, 2015, 91, .	3.2	17
51	Competing superconducting and magnetic order parameters and field-induced magnetism in electron-doped $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$ . Physical Review B, 2015, 91, .	3.2	9
52	Evidence for precursor superconducting pairing above $T_c$ in underdoped cuprates from an analysis of the in-plane infrared response. New Journal of Physics, 2015, 17, 053022.	2.9	7
53	Muon spin rotation study of the magnetic structure in the tetragonal antiferromagnetic state of weakly underdoped $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ . Europhysics Letters, 2015, 111, 57001.	2.0	32
54	Superconducting transition in the Presence of Magnetic order in $\text{BaFe}_{1.89}\text{Co}_{0.11}\text{As}_2$ . Progress in Superconductivity and Cryogenics (PSAC), 2015, 17, 21-24.	0.3	2

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55	Structural, magnetic, and superconducting properties of pulsed-laser-deposition-grown $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ thin films. Physical Review B, 2014, 89, .	3.2	11
56	Influence of La and Mn vacancies on the electronic and magnetic properties of $\text{LaMnO}_3$ thin films grown by pulsed laser deposition. Physical Review B, 2014, 89, .	3.2	41
57	Enhanced superconducting properties of rare-earth oxides and graphene oxide added $\text{MgB}_2$ . Physica C: Superconductivity and Its Applications, 2014, 505, 32-38.	1.2	18
60	Measurement of hyperfine coupling constants of muoniated radicals in small molecule semiconductors. Journal of Physics: Conference Series, 2014, 551, 012042.	0.4	2
61	Controlling the near-surface superfluid density in underdoped $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$ by photo-illumination. Scientific Reports, 2014, 4, 6250.	3.3	11
62	Effect of graphene oxide doping on superconducting properties of bulk $\text{MgB}_2$ . Superconductor Science and Technology, 2013, 26, 095008.	3.5	249
63	Importance of Spin-Orbit Interaction for the Electron Spin Relaxation in Organic Semiconductors. Physical Review Letters, 2013, 110, 216602.	7.8	62
64	Electric-Field-Induced Polar Order and Localization of the Confined Electrons in $\text{LaAlO}_3/\text{SrTiO}_3$ . Physical Review Letters, 2013, 110, 136805.	7.8	18
65	Ultrafast terahertz spin dynamics: from phonon-induced spin order to coherent magnon control. Proceedings of SPIE, 2013, .	3.2	24
66	Low-energy interband transitions in the infrared response of $\text{BaCu}_3\text{O}_{7-x}$ . Physical Review B, 2014, 89, .	0.8	1
67	Study of superconducting properties of ferrocene-added $\text{MgB}_2$ . Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 1503-1511.	1.8	1



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91	Coexistence and Competition of Magnetism and Superconductivity on the Nanometer Scale in Underdoped $\text{BaFe}_{1.89}\text{Co}$ . Physical Review Letters, 2010, 105, 057001.	7.8	68
92	Femtosecond Response of Quasiparticles and Phonons in Superconducting $\text{YBa}_2\text{Cu}_3\text{O}_{6.6}$ . Physical Review Letters, 2010, 105, 037007.	7.8	107
93	Incommensurate Magnetic Order and Dynamic Spin Fluctuations in $\text{YBa}_2\text{Cu}_3\text{O}_{6.6}$ . Physical Review Letters, 2010, 105, 037007.	7.8	117
94	Evidence for multiple superconducting gaps in optimally doped $\text{BaFe}_2\text{As}_2$ by infrared spectroscopy. Physical Review B, 2010, 81, .	3.2	82
95	Polarized neutron reflectometry study of the magnetization reversal process in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ . Physical Review B, 2010, 82, .	3.2	8
96	Two-Dimensional Confinement of $\text{d}_{x^2-y^2}$ Electrons in $\text{LaTiO}_3$ . Physical Review Letters, 2010, 104, 036401.	7.8	41
97	Dynamical Response and Confinement of the Electrons at the $\text{LaTiO}_3$ . Physical Review Letters, 2010, 104, 156807.	7.8	93
98	The effect of citric and oxalic acid doping on the superconducting properties of $\text{MgB}_2$ . Superconductor Science and Technology, 2009, 22, 125014.	3.5	15
99	Muon spin rotation study of magnetism and superconductivity in $\text{BaFe}_{2-x}\text{Co}_x\text{As}_2$ and $\text{Pr}_{1-x}\text{Sr}_x\text{FeAsO}$ . New Journal of Physics, 2009, 11, 055050.	2.9	42
100	Enhanced superconducting properties of $\text{Eu}_2\text{O}_3$ -doped $\text{MgB}_2$ . Physica C: Superconductivity and Its Applications, 2009, 469, 846-851.	1.2	26
101	Direct measurement of the electronic spin diffusion length in a fully functional organic spin valve by low-energy muon spin rotation. Nature Materials, 2009, 8, 109-114.	27.5	251
102	Giant superconductivity-induced modulation of the ferromagnetic magnetization in a cuprate manganite superlattice. Nature Materials, 2009, 8, 315-319.	27.5	95
103	Coexistence of static magnetism and superconductivity in $\text{SmFeAsO}_{1-x}\text{F}_x$ as revealed by muon spin rotation. Nature Materials, 2009, 8, 310-314.	27.5	263
104	Microscopic gauge-invariant theory of the c-axis infrared response of bilayer cuprate superconductors and the origin of the superconductivity-induced absorption bands. Physical Review B, 2009, 79, .	3.2	14
105	PNR Studies of Proximity and Coupling Effects in $\text{YBa}_2\text{Cu}_3\text{O}_7/\text{La}_2/3\text{Ca}_1/3\text{MnO}_3$ Superlattices. Neutron News, 2009, 20, 13-16.	0.2	0
106	Broad-band infrared ellipsometry measurements of the c-axis response of underdoped $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ : Spectroscopic distinction between the normal-state pseudogap and the superconducting gap. Journal of Physics and Chemistry of Solids, 2008, 69, 3064-3069.	4.0	8
107	Coexistence of Magnetic Fluctuations and Superconductivity in the Pnictide High Temperature Superconductor $\text{SmFeAsO}_{1-x}\text{F}_x$ Measured by Muon Spin Rotation. Physical Review Letters, 2008, 101, 097010.	7.8	117
108	Electronic Liquid Crystal State in the High-Temperature Superconductor $\text{YBa}_2\text{Cu}_3\text{O}_{6.45}$ . Science, 2008, 319, 597-600.	12.6	447

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109	X-ray study of structural domains in the near-surface region of SrTiO <sub>3</sub> substrates with Y <sub>0.6</sub> Pr <sub>0.4</sub> Ba <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> /La <sub>2/3</sub> Ca <sub>1/3</sub> MnO <sub>3</sub> superlattices grown on top. Physical Review B, 2008, 78, .	3.2	15
110	Charge Dynamics of Doped Holes in High-T <sub>c</sub> Cuprate Superconductors: A Clue from Optical Conductivity. Physical Review Letters, 2008, 100, 166401.	7.8	83
111	Evidence for Two Separate Energy Gaps in Underdoped High-Temperature Cuprate Superconductors from Broadband Infrared Ellipsometry. Physical Review Letters, 2008, 100, 177004.	7.8	61
112	Dimensionality-Controlled Insulator-Metal Transition and Correlated Metallic State in Transition Metal Oxides. Physical Review Letters, 2008, 101, 226402.	7.8	425
113	Superconducting Energy Gap and c-Axis Plasma Frequency of (Nd,Sm)FeAsO <sub>0.82</sub> F <sub>0.18</sub> Superconductors from Infrared Ellipsometry. Physical Review Letters, 2008, 101, 097011.	7.8	52
114	Muon-spin rotation study of magnetism in Na <sub>x</sub> CoO <sub>2</sub> single crystals with 0.78 Å <sup>1/2</sup> × a <sup>1/2</sup> 0.97. Europhysics Letters, 2007, 80, 27005.	2.0	11
115	Optical response of ferromagnetic YTiO <sub>3</sub> studied by far-infrared ellipsometry. Physical Review B, 2007, 76, 041407.	3.2	32
116	Optical Study of the Free-Carrier Response of LaTiO <sub>3</sub> . Physical Review Letters, 2007, 99, 266801.	7.8	64
117	Frequency- and temperature-dependent conductivity at the metal-insulator transition in phosphorus doped silicon studied by far-infrared ellipsometry. AIP Conference Proceedings, 2007, , .	0.4	0
118	Superconductivity in epitaxial thin films of Na <sub>x</sub> CoO <sub>2</sub> ·yD <sub>2</sub> O. Applied Physics Letters, 2006, 88, 162501.	3.3	20
119	Magnetoresistance effects in SrFeO <sub>3</sub> δ: Dependence on phase composition and relation to magnetic and charge order. Physical Review B, 2006, 73, .	3.2	134
120	Phase separation in superoxygenated La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4+y</sub> . Nature Materials, 2006, 5, 377-382.	27.5	86
121	Magnetism at the interface between ferromagnetic and superconducting oxides. Nature Physics, 2006, 2, 244-248.	16.7	378
122	Electronic phase separation in La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4+y</sub> . Physica B: Condensed Matter, 2006, 374-375, 199-202.	2.7	1
123	The ruthenocuprates: natural superconductor-ferromagnet multilayers. Comptes Rendus Physique, 2006, 7, 68-85.	0.9	36
124	Raman scattering study of Ru(Sr,La) <sub>2</sub> GdCu <sub>2</sub> O <sub>8</sub> . Physical Review B, 2006, 73, .	3.2	2
125	Isotope effect on the optical phonons of YBa <sub>2</sub> Cu <sub>4</sub> O <sub>8</sub> studied by far-infrared ellipsometry and Raman scattering. Physical Review B, 2006, 74, .	3.2	2
126	Interpretation of in-plane infrared response of high-T <sub>c</sub> cuprate superconductors involving spin fluctuations using quasiparticle spectral functions. Physical Review B, 2005, 72, .	3.2	15

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127	Absence of an isotope effect in the magnetic resonance in high-Tc superconductors. Physical Review B, 2005, 71, .	3.2	12
128	Low-energy excitations in La <sub>1.2</sub> Sr <sub>1.8</sub> Mn <sub>2</sub> O <sub>7</sub> investigated by ellipsometry. Physical Review B, 2005, 72, .	3.2	0
129	Nickel Impurity-Induced Enhancement of the Pseudogap of Cuprate High-Tc Superconductors. Physical Review Letters, 2005, 94, 227003.	7.8	44
130	Orbital Ordering Transition in Ca <sub>2</sub> RuO <sub>4</sub> Observed with Resonant X-Ray Diffraction. Physical Review Letters, 2005, 95, 136401.	7.8	78
131	Magnetic proximity effect in perovskite superconductor/ferromagnet multilayers. Physical Review B, 2005, 71, .	3.2	136
132	Intrinsic Josephson Effects in the Magnetic Superconductor RuSr <sub>2</sub> GdCu <sub>2</sub> O <sub>8</sub> . Physical Review Letters, 2004, 92, 117001.	7.8	34
133	Magnetism, Charge Order, and Giant Magnetoresistance in SrFeO <sub>3</sub> Single Crystals. Physical Review Letters, 2004, 92, 037202.	7.8	130
134	Charge Ordering and Magnetopolarons in Na <sub>0.82</sub> CoO <sub>2</sub> . Physical Review Letters, 2004, 93, 167003.	7.8	73
135	Oxygen Superstructures Throughout the Phase Diagram of (Y,Ca)Ba <sub>2</sub> Cu <sub>3</sub> O <sub>6+x</sub> . Physical Review Letters, 2004, 93, 157007.	7.8	31
136	Anomalous oxygen-isotope effect on the in-plane far-infrared conductivity of detwinned YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6.9</sub> . Physical Review B, 2004, 69, .	3.2	28
137	c-axis lattice dynamics in Bi-based cuprate superconductors. Physical Review B, 2004, 69, .	3.2	55
138	Proximity induced metal-insulator transition in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> /La <sub>2</sub> /3Ca <sub>1</sub> /3MnO <sub>3</sub> superlattices. Physical Review B, 2004, 69, .	3.2	106
139	Two-dimensional geometry of spin excitations in the high-transition-temperature superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6+x</sub> . Nature, 2004, 430, 650-654.	27.8	208
140	Far-infrared ellipsometry using a synchrotron light source – the dielectric response of the cuprate high Tc superconductors. Thin Solid Films, 2004, 455-456, 143-149.	1.8	75
141	Diffraction effects in infrared ellipsometry of conducting samples. Thin Solid Films, 2004, 455-456, 177-182.	1.8	10
142	In-Plane Spectral Weight Shift of Charge Carriers in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6.9</sub> . Science, 2004, 304, 708-710.	12.6	99
143	Phase evolution, structural and superconducting properties of Pb-free Bi <sub>2</sub> Sr <sub>2</sub> Ca <sub>2</sub> Cu <sub>3</sub> O <sub>10+δ</sub> single crystals. Superconductor Science and Technology, 2004, 17, 731-738.	3.5	24
144	Spin-Controlled Mott-Hubbard Bands in LaMnO <sub>3</sub> Probed by Optical Ellipsometry. Physical Review Letters, 2004, 93, 147204.	7.8	157

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145	Bulk antiferromagnetism in $\text{Na}_{0.82}\text{CoO}_2$ single crystals. <i>Physical Review B</i> , 2004, 69, .	3.2	114
146	Two Resonant Magnetic Modes in an Overdoped High-Tc Superconductor. <i>Physical Review Letters</i> , 2003, 91, 237002.	7.8	44
147	Superfluid density in cuprate high-Tc superconductors: a new paradigm. <i>Physical Review B</i> , 2003, 68, .	3.2	130
148	Approximate tight-binding sum rule for the superconductivity-related change of c-axis kinetic energy in multilayer cuprate superconductors. <i>Physical Review B</i> , 2003, 67, .	3.2	15
149	Magnetotransport properties of doped $\text{RuSr}_2\text{GdCu}_2\text{O}_8$ . <i>Physical Review B</i> , 2003, 68, .	3.2	25
150	Josephson Plasma Resonance and Phonon Anomalies in Trilayer $\text{Bi}_2\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{10}$ . <i>Physical Review Letters</i> , 2002, 89, 277001.	7.8	42
151	Muon spin relaxation study of the magnetic penetration depth in $\text{MgB}_2$ . <i>Physical Review B</i> , 2002, 65, .	3.2	68
152	Structural and magnetic instabilities of $\text{La}_{2-x}\text{Sr}_x\text{CaCu}_2\text{O}_6$ . <i>Physical Review B</i> , 2002, 65, .	3.2	10
153	Phonon anomalies in the infrared conductivity of the $\text{RuSr}_2\text{GdCu}_2\text{O}_8$ ferromagnetic superconductor. <i>Physica B: Condensed Matter</i> , 2002, 312-313, 797-799.	2.7	2
154	In-plane polarized collective modes in detwinned $\text{YBa}_2\text{Cu}_3\text{O}_{6.95}$ observed by spectral ellipsometry. <i>Solid State Communications</i> , 2002, 121, 93-97.	1.9	45
155	Phonon anomalies and electron-phonon interaction in the $\text{RuSr}_2\text{GdCu}_2\text{O}_8$ ferromagnetic superconductor: Evidence from infrared conductivity. <i>Physical Review B</i> , 2001, 63, .	3.2	23
156	Single crystals of $\text{RuSr}_2\text{GdCu}_2\text{O}_8$ . <i>Physica C: Superconductivity and Its Applications</i> , 2001, 364-365, 373-375.	1.2	29
157	Antiferromagnetic Ordering in Superconducting $\text{YBa}_2\text{Cu}_3\text{O}_{6.5}$ . <i>Physical Review Letters</i> , 2001, 86, 4100-4103.	7.8	109
158	Correlation between the Josephson coupling energy and the condensation energy in bilayer cuprate superconductors. <i>Physical Review B</i> , 2001, 64, .	3.2	38
159	Anomalous Peak in the Superconducting Condensate Density of Cuprate High-Tc Superconductors at a Unique Doping State. <i>Physical Review Letters</i> , 2001, 86, 1614-1617.	7.8	125
160	Low-temperature vortex structures of the mixed state in underdoped $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ . <i>Physica B: Condensed Matter</i> , 2000, 289-290, 365-368.	2.7	0
161	Raman scattering from magnetic excitations in ruthenate-cuprates. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 2255-2256.	1.2	3
162	Soft-mode hardening in $\text{SrTiO}_3$ thin films. <i>Nature</i> , 2000, 404, 373-376.	27.8	252

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163	Evidence for a bulk Meissner state in the ferromagnetic superconductor $\text{RuSr}_2\text{GdCu}_2\text{O}_8$ from dc magnetization. <i>Physical Review B</i> , 2000, 61, R14960-R14963.	3.2	126
164	Anomaly of oxygen bond-bending mode at $320\text{ cm}^{-1}$ and additional absorption peak in the c-axis infrared conductivity of underdoped $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ single crystals revisited with ellipsometric measurements. <i>Physical Review B</i> , 2000, 61, 618-626.	3.2	53
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