Yoichi Ando

List of Publications by Year
in descending order

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389	26,562	5569	7340
papers	citations	82 h-index	152 g-index

393	393	393	13709
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Topological Insulator Materials. Journal of the Physical Society of Japan, 2013, 82, 102001.	0.7	1,386
2	Topological superconductors: a review. Reports on Progress in Physics, 2017, 80, 076501.	8.1	1,011
3	Experimental realization of a topological crystalline insulator in SnTe. Nature Physics, 2012, 8, 800-803.	6.5	811
4	Large bulk resistivity and surface quantum oscillations in the topological insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Bi</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub> Physical Review B, 2010, 82, .	1.1	595
5	Topological Superconductivity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Cu</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi>Bi</mml:mi><mml:mn> Physical Review Letters, 2011, 107, 217001.	2.9	589
6	Topological Crystalline Insulators and Topological Superconductors: From Concepts to Materials. Annual Review of Condensed Matter Physics, 2015, 6, 361-381.	5.2	578
7	Insulator-to-Metal Crossover in the Normal State ofLa2âˆ'xSrxCuO4Near Optimum Doping. Physical Review Letters, 1996, 77, 5417-5420.	2.9	466
8	Local Ordering in the Pseudogap State of the High-Tc Superconductor Bi2Sr2CaCu2O8+Â. Science, 2004, 303, 1995-1998.	6.0	465
9	Effect of spin diffusion on Gilbert damping for a very thin permalloy layer in Cu/permalloy/Cu/Pt films. Physical Review B, 2002, 66, .	1.1	458
10	Visualizing pair formation on the atomic scale in the high-Tc superconductor Bi2Sr2CaCu2O8+Î´. Nature, 2007, 447, 569-572.	13.7	414
11	Electrical Resistivity Anisotropy from Self-Organized One Dimensionality in High-Temperature Superconductors. Physical Review Letters, 2002, 88, 137005.	2.9	408
12	Achieving fast oxygen diffusion in perovskites by cation ordering. Applied Physics Letters, 2005, 86, 091910.	1.5	404
13	Logarithmic Divergence of both In-Plane and Out-of-Plane Normal-State Resistivities of SuperconductingLa2âˆ'xSrxCuO4in the Zero-Temperature Limit. Physical Review Letters, 1995, 75, 4662-4665.	2.9	400
14	Manifestation of Topological Protection in Transport Properties of Epitaxial<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Se</mml:mi><mml:mn> Films. Physical Review Letters, 2012, 109, 066803.	2.9	321
15	Tunable Dirac cone in the topological insulator Bi2-xSbxTe3-ySey. Nature Communications, 2012, 3, 636.	5.8	315
16	Electronic Phase Diagram of High-TcCuprate Superconductors from a Mapping of the In-Plane Resistivity Curvature. Physical Review Letters, 2004, 93, 267001.	2.9	306
17	Observation of Dirac Holes and Electrons in a Topological Insulator. Physical Review Letters, 2011, 107, 016801.	2.9	301
18	Onset of the vortexlike Nernst signal aboveTcinLa2âˆ'xSrxCuO4andBi2Sr2âˆ'yLayCuO6. Physical Review B, 2001, 64, .	1.1	291

#	Article	IF	Citations
19	Spin-Electricity Conversion Induced by Spin Injection into Topological Insulators. Physical Review Letters, 2014, 113, 196601.	2.9	290
20	Bulk Superconducting Phase with a Full Energy Gap in the Doped Topological Insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Cu</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi>Bi</mml:mi><mml:mn> Physical Review Letters, 2011, 106, 127004.	2.9	286
21	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="bold">Bi</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mtext>â^'</mml:mtext><mml:mi>x</mml:mi></ <mml:msub><mml:mi mathvariant="bold">Te</mml:mi><mml:mrow><mml:mn>3</mml:mn><mml:mtext>â^'</mml:mtext><mml:mi>y</mml:mi></ mathvariant="bold">Se</mml:mi><mml:mi>y</mml:mi> Physical Review B, 2011, 84, .	1.1	274
22	Transport and magnetic properties ofGdBaCo2O5+xsingle crystals: A cobalt oxide with square-latticeCoO2planes over a wide range of electron and hole doping. Physical Review B, 2005, 71, .	1.1	272
23	Spin-rotation symmetry breaking in the superconducting state of CuxBi2Se3. Nature Physics, 2016, 12, 852-854.	6.5	270
24	Mobility of the Doped Holes and the Antiferromagnetic Correlations in Underdoped High-TcCuprates. Physical Review Letters, 2001, 87, 017001.	2.9	248
25	Diamagnetism and Cooper pairing above<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:mrow></mml:ma in cuprates. Physical Review B, 2010, 81, .	1.1	242
26	A universal scaling relation in high-temperature superconductors. Nature, 2004, 430, 539-541.	13.7	235
27	Thermodynamic evidence for nematic superconductivity in CuxBi2Se3. Nature Physics, 2017, 13, 123-126.	6.5	224
28	Unexpected mass acquisition of Dirac fermions at the quantum phase transition of a topological insulator. Nature Physics, 2011, 7, 840-844.	6.5	215
29	Metal-to-Insulator Crossover in the Low-Temperature Normal State ofBi2Sr2â^'xLaxCuO6+Î´. Physical Review Letters, 2000, 85, 638-641.	2.9	214
30	Direct Evidence for the Dirac-Cone Topological Surface States in the Ternary Chalcogenide<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>TlBiSe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2010, 105, 136802.	2.9	211
31	Observation of Chiral Fermions with a Large Topological Charge and Associated Fermi-Arc Surface States in CoSi. Physical Review Letters, 2019, 122, 076402.	2.9	211
32	Systematic doping evolution of the underlying Fermi surface ofLa2â^'xSrxCuO4. Physical Review B, 2006, 74, .	1.1	208
33	Metallic In-Plane and Divergent Out-of-Plane Resistivity of a High-TcCuprate in the Zero-Temperature Limit. Physical Review Letters, 1996, 77, 2065-2068.	2.9	187
34	Electronic Origin of the Inhomogeneous Pairing Interaction in the High- T _c Superconductor Bi ₂ Sr ₂ CaCu ₂ O _{8+Î´}. Science, 2008, 320, 196-201.	6.0	186
35	Angular-dependent oscillations of the magnetoresistance in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Bi</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:ms to the three-dimensional bulk Fermi surface. Physical Review B, 2010, 81, .	1.1	182
36	Evolution of the Hall Coefficient and the Peculiar Electronic Structure of the Cuprate Superconductors. Physical Review Letters, 2004, 92, 197001.	2.9	179

#	Article	IF	Citations
37	Odd-Parity Pairing and Topological Superconductivity in a Strongly Spin-Orbit Coupled Semiconductor. Physical Review Letters, 2012, 109, 217004.	2.9	179
38	Dependence of Upper Critical Field and Pairing Strength on Doping in Cuprates. Science, 2003, 299, 86-89.	6.0	178
39	Direct Measurement of the Out-of-Plane Spin Texture in the Dirac-Cone Surface State of a Topological Insulator. Physical Review Letters, 2011, 106, 216803.	2.9	177
40	Specific-heat evidence for strong electron correlations in the thermoelectric material(Na,Ca)Co2O4. Physical Review B, 1999, 60, 10580-10583.	1.1	172
41	Scanning Tunneling Spectroscopy ofBi2Sr2CuO6+Î´: New Evidence for the Common Origin of the Pseudogap and Superconductivity. Physical Review Letters, 2001, 86, 4911-4914.	2.9	170
42	Quantum oscillations in a topological insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Bi</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn> Physical Review B, 2009, 80, .	1.1	169
43	Fast oxygen diffusion in A-site ordered perovskites. Progress in Solid State Chemistry, 2007, 35, 481-490.	3.9	163
44	Berry phase of nonideal Dirac fermions in topological insulators. Physical Review B, 2011, 84, .	1.1	158
45	Multiple Bosonic Mode Coupling in the Electron Self-Energy of(La2âˆ’xSrx)CuO4. Physical Review Letters, 2005, 95, 117001.	2.9	156
46	Large linear magnetoresistance in the Dirac semimetal TlBiSSe. Physical Review B, 2015, 91, .	1.1	155
47	Direct mapping of the spin-filtered surface bands of a three-dimensional quantum spin Hall insulator. Physical Review B, 2010, 81, .	1.1	149
48	Mass-renormalized electronic excitations at(Ï€,0)in the superconducting state ofBi2Sr2CaCu2O8+Î´. Physical Review B, 2003, 68, .	1.1	145
49	Electrical Detection of the Spin Polarization Due to Charge Flow in the Surface State of the Topological Insulator Bi_{1.5}Sb_{0.5}Te_{1.7}Se_{1.3}. Nano Letters, 2014, 14, 6226-6230.	4.5	144
50	Ising-Like Spin Anisotropy and Competing Antiferromagnetic-Ferromagnetic Orders inGdBaCo2O5.5Single Crystals. Physical Review Letters, 2003, 90, 227201.	2.9	142
51	Dirac-node arc in the topological line-node semimetal HfSiS. Physical Review B, 2016, 94, .	1.1	139
52	Doubling of the Bands in OverdopedBi2Sr2CaCu2O8+Î´: Evidence forc-Axis Bilayer Coupling. Physical Review Letters, 2001, 87, 117002.	2.9	137
53	Tunability of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>k</mml:mi></mml:math>-space location of the Dirac cones in the topological crystalline insulator Pb<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Sn<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow>	1.1	135
54	Low-energy electronic structure of the high-Tccuprates La2âˆ’xSrxCuO4studied by angle-resolved photoemission spectroscopy. Journal of Physics Condensed Matter, 2007, 19, 125209.	0.7	132

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55	Hierarchy of multiple many-body interaction scales in high-temperature superconductors. Physical Review B, 2007, 75, .	1.1	124
56	Planar Hall effect from the surface of topological insulators. Nature Communications, 2017, 8, 1340.	5.8	123
57	Signature of optimal doping in Hall-effect measurements on a high-temperature superconductor. Nature, 2003, 424, 912-915.	13.7	121
58	Constant effective mass across the phase diagram of high-Tccuprates. Physical Review B, 2005, 72, .	1.1	120
59	Electrodynamics of the nodal metal state in weakly doped high-Tccuprates. Physical Review B, 2005, 72, .	1.1	119
60	Universal versus Material-Dependent Two-Gap Behaviors of the High-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:math>Cuprate Superconductors: Angle-Resolved Photoemission Study of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>La</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi>	2.9	119
61	Electrical injection and detection of spin-polarized electrons in silicon through an Fe3Si/Si Schottky tunnel barrier. Applied Physics Letters, 2009, 94, 182105.	1.5	119
62	Carrier concentrations inBi2Sr2â^'zLazCuO6+Î´single crystals and their relation to the Hall coefficient and thermopower. Physical Review B, 2000, 61, R14956-R14959.	1.1	113
63	A Novel Heavy-Fermion State in CaCu3Ru4O12. Journal of the Physical Society of Japan, 2004, 73, 2373-2376.	0.7	112
64	Electrochemical synthesis and superconducting phase diagram of Cu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>Bi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Se<mml:math	1.1	112
65	Fermi-level tuning and a large activation gap achieved in the topological insulator Bi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Te<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>Se by Sn doping. Physical Review B, 2012, 85, .	1.1	112
66	Resistive upper critical fields and irreversibility lines of optimally doped high-Tccuprates. Physical Review B, 1999, 60, 12475-12479.	1.1	109
67	Magnetic shape-memory effects in a crystal. Nature, 2002, 418, 385-386.	13.7	106
68	Unusual nature of fully gapped superconductivity in In-doped SnTe. Physical Review B, 2013, 88, .	1.1	105
69	Topological surface transport in epitaxial SnTe thin films grown on Bi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Te<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow	1.1	103
70	Observation of a 500AmeV Collective Mode in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>La</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi> Physical Review B, 2014, 89, .	2.9	102
71	Reexamination of the Electronic Structure ofBi2Sr2CaCu2O8+Î´andBi2Sr2Cu1O6+Î´: Electronlike Portions of the Fermi Surface and Depletion of Spectral Weight nearMÂ¯. Physical Review Letters, 1999, 83, 3717-3720.	2.9	99
72	Unusual Magnetic Susceptibility Anisotropy in UntwinnedLa2â^'xSrxCuO4Single Crystals in the Lightly Doped Region. Physical Review Letters, 2001, 87, 017007.	2.9	99

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73	Microscopic annealing process and its impact on superconductivity in Tâ€²-structure electron-doped copper oxides. Nature Materials, 2007, 6, 224-229.	13.3	97
74	Two types of Dirac-cone surface states on the (111) surface of the topological crystalline insulator SnTe. Physical Review B, 2013, 88, .	1.1	94
75	Magnetoresistance Anomalies in AntiferromagneticYBa2Cu3O6+x: Fingerprints of Charged Stripes. Physical Review Letters, 1999, 83, 2813-2816.	2.9	91
76	Magnetoresistance of UntwinnedYBa2Cu3OySingle Crystals in a Wide Range of Doping: Anomalous Hole-Doping Dependence of the Coherence Length. Physical Review Letters, 2002, 88, 167005.	2.9	91
77	Direct observation of nonequivalent Fermi-arc states of opposite surfaces in the noncentrosymmetric Weyl semimetal NbP. Physical Review B, 2016, 93, .	1.1	91
78	Constituents of the Quasiparticle Spectrum Along the Nodal Direction of High-TcCuprates. Physical Review Letters, 2006, 97, 017002.	2.9	89
79	Strong charge fluctuations manifested in the high-temperature Hall coefficient of high-Tccuprates. Physical Review B, 2007, 75, .	1.1	89
80	c-axis transport and resistivity anisotropy of lightly to moderately dopedLa2âˆ'xSrxCuO4single crystals:â€ƒImplications on the charge transport mechanism. Physical Review B, 2002, 65, .	1.1	86
81	Epitaxial ferromagnetic Fe3Siâ•Si(111) structures with high-quality heterointerfaces. Applied Physics Letters, 2008, 93, .	1.5	86
82	Manipulation of Topological States and the Bulk Band Gap Using Natural Heterostructures of a Topological Insulator. Physical Review Letters, 2012, 109, 236804.	2.9	84
83	Evolution of the resistivity anisotropy inBi2Sr2âˆ'xLaxCuO6+Î´single crystals for a wide range of hole doping. Physical Review B, 2003, 67, .	1.1	80
84	Origin of the large thermoelectric power in oxygen-variableRBaCo2O5+x(R=Gd,Nd). Physical Review B, 2006, 73, .	1.1	78
85	Observation of two-dimensional quantum oscillations and ambipolar transport in the topological insulator Bi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Se<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>achieved by Cd doping. Physical Review B, 2011, 84, .	1.1	78
86	Anisotropic Magnetoresistance in Lightly DopedLa2âˆ'xSrxCuO4: Impact of Antiphase Domain Boundaries on the Electron Transport. Physical Review Letters, 2003, 90, 247003.	2.9	77
87	Oscillatory angular dependence of the magnetoresistance in a topological insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Bi</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn> Physical Review B, 2010, 82, .	1.1	77
88	Fermiology of the Strongly Spin-Orbit Coupled Superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Sn</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>âˆ'</mml:mo><mml:mi>x</mml:mi> Implications for Topological Superconductivity. Physical Review Letters, 2013, 110, 206804.	2.9	77
89	Thermal conductivity of the spin-Peierls compoundCuGeO3. Physical Review B, 1998, 58, R2913-R2916.	1.1	76
90	Nonuniversal power law of the Hall scattering rate in a single-layer cuprateBi2Sr2âˆ'xLaxCuO6. Physical Review B, 1999, 60, R6991-R6994.	1.1	76

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91	Intrinsic Hall response of theCuO2planes in a chain-plane composite system ofYBa2Cu3Oy. Physical Review B, 2004, 69, .	1.1	75
92	Effect of atomically controlled interfaces on Fermi-level pinning at metal/Ge interfaces. Applied Physics Letters, 2010, 96, .	1.5	75
93	Achieving Surface Quantum Oscillations in Topological Insulator Thin Films of Bi₂Se₃. Advanced Materials, 2012, 24, 5581-5585.	11.1	75
94	Abrupt Transition in Quasiparticle Dynamics at Optimal Doping in a Cuprate Superconductor System. Physical Review Letters, 2005, 95, 117005.	2.9	74
95	Electromagnetic Response of Static and Fluctuating Stripes in Cuprate Superconductors. Physical Review Letters, 2002, 88, 147003.	2.9	73
96	Gigantic negative magnetoresistance in the bulk of a disordered topological insulator. Nature Communications, 2017, 8, 15545.	5.8	72
97	Doping evolution of the electronic structure in the single-layer cuprate<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Sr</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">La</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mi mathvariant="normal">Cu</mml:mi><mml:msub><mml:mi math. Physical Review B, 2008, 77, .	1.1	71
98	Superconductivity in Tl_{0.6}Bi₂Te₃ Derived from a Topological Insulator. Chemistry of Materials, 2016, 28, 779-784.	3.2	71
99	X-Ray Absorption Spectra Reveal the Inapplicability of the Single-Band Hubbard Model to Overdoped Cuprate Superconductors. Physical Review Letters, 2009, 103, 087402.	2.9	70
100	Gate-Tunable Spin-Charge Conversion and the Role of Spin-Orbit Interaction in Graphene. Physical Review Letters, 2016, 116, 166102.	2.9	70
101	Electron-Hole Asymmetry inGdBaCo2O5+x: Evidence for Spin Blockade of Electron Transport in a Correlated Electron System. Physical Review Letters, 2005, 95, 176603.	2.9	68
102	Metal-to-Insulator Crossover inYBa2Cu3OyProbed by Low-Temperature Quasiparticle Heat Transport. Physical Review Letters, 2004, 93, 107001.	2.9	67
103	Strongly nonlinear magnetization above T c in Bi 2 Sr 2 CaCu 2 O 8 + Î´. Europhysics Letters, 2005, 72, 451-457.	0.7	67
104	Anomalous Dressing of Dirac Fermions in the Topological Surface State of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Se</mml:mi><mml:mn xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Te</mml:mi><mml:mn and Cu-Doped<mml:math xmlns:mml="ht. Physical Review Letters, 2013, 110, 217601.	2.9	67
105	Transport Anomalies and the Role of Pseudogap in the 60-K Phase ofYBa2Cu3O7â^’Î´. Physical Review Letters, 2001, 86, 4907-4910.	2.9	65
106	Anisotropic Electromagnetic Response of Lightly DopedLa2â^’xSrxCuO4within theCuO2Planes. Physical Review Letters, 2003, 91, 077004.	2.9	65
107	Quantum Phase Transition in the Magnetic-Field-Induced Normal State of Optimum-Doped High-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:math>Cuprate Superconductors at Low Temperatures. Physical Review Letters, 2009, 102, 017004.	2.9	64
108	Topological Surface States in Lead-Based Ternary Telluride<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Pb</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:msub><mml:mi>Bi</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi><mml:mi Physical Review Letters, 2012, 108, 116801.	2.9	64

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109	Low-temperature vortex liquid in La2âˆ’xSrxCuO4. Nature Physics, 2007, 3, 311-314.	6.5	62
110	Spin accumulation created electrically in an n-type germanium channel using Schottky tunnel contacts. Journal of Applied Physics, 2012, 111, .	1.1	62
111	Low-Temperature Electronic Heat Transport inLa2âˆ’xSrxCuO4Single Crystals: Unusual Low-Energy Physics in the Normal and Superconducting States. Physical Review Letters, 2002, 88, 077001.	2.9	61
112	Intrinsic Tunneling Spectra ofBi2(Sr2âˆ’xLax)CuO6+Î´. Physical Review Letters, 2003, 90, 147005.	2.9	61
113	Global trends in the interplane penetration depth of layered superconductors. Physical Review B, 2002, 65, .	1.1	60
114	Vorticity and the Nernst effect in cuprate superconductors. Annalen Der Physik, 2004, 13, 9-14.	0.9	60
115	Crystal structure and high-field magnetism ofLa2CuO4. Physical Review B, 2006, 73, .	1.1	59
116	Size effect in the vortex-glass transition in submicronYBa2Cu3Oystrips: Evidence for softening of vortex matter. Physical Review Letters, 1992, 69, 2851-2854.	2.9	57
117	Electric-field control of spin accumulation signals in silicon at room temperature. Applied Physics Letters, 2011, 99, 132511.	1.5	56
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