

Yoichi Ando

List of Publications by Year in descending order

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389
papers

26,562
citations

5558

82
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7333

152
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393
all docs

393
docs citations

393
times ranked

13709
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 Bi_2Se_3 . Physical Review B, 2010, 82, .	11.1	595
5	Topological Superconductivity in $\text{Cu}_x\text{Bi}_{2-x}\text{Se}_3$. Physical Review Letters, 2011, 107, 217001.	10.9	389
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 of $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ Near Optimum Doping. Physical Review Letters, 1996, 77, 5417-5420.	2.9	466
8	Local Ordering in the Pseudogap State of the High-Tc Superconductor $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8+\delta$. 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 $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8+\delta$. 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 Superconducting $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ in the Zero-Temperature Limit. Physical Review Letters, 1995, 75, 4662-4665.	2.9	400
14	Manifestation of Topological Protection in Transport Properties of Epitaxial Bi_2Se_3 Films. Physical Review Letters, 2012, 109, 066803.	2.9	321
15	Tunable Dirac cone in the topological insulator $\text{Bi}_2-x\text{Sb}_x\text{Te}_3-y\text{Se}_y$. Nature Communications, 2012, 3, 636.	5.8	315
16	Electronic Phase Diagram of High-Tc Cuprate 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 above T_c in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ and $\text{Bi}_2\text{Sr}_2\delta\text{La}_y\text{CuO}_6$. Physical Review B, 2001, 64, .	1.1	291

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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 $\text{Cu}_x\text{Bi}_{1-x}\text{Te}_2$. Physical Review Letters, 2011, 106, 127004.	2.9	286
21	Superconductivity in $\text{Sb}_x\text{Te}_{2-x}\text{Se}$. Physical Review B, 2011, 84, 020407.	1.1	274
22	Transport and magnetic properties of $\text{GdBaCo}_2\text{O}_{5+x}$ single crystals: A cobalt oxide with square-lattice CoO_2 planes over a wide range of electron and hole doping. Physical Review B, 2005, 71, 020407.	1.1	272
23	Spin-rotation symmetry breaking in the superconducting state of $\text{Cu}_x\text{Bi}_2\text{Se}_3$. Nature Physics, 2016, 12, 852-854.	6.5	270
24	Mobility of the Doped Holes and the Antiferromagnetic Correlations in Underdoped High- T_c Cuprates. Physical Review Letters, 2001, 87, 017001.	2.9	248
25	Diamagnetism and Cooper pairing above T_c in cuprates. Physical Review B, 2010, 81, 020407.	2.9	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 $\text{Cu}_x\text{Bi}_2\text{Se}_3$. 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 of $\text{Bi}_2\text{Sr}_2\text{Te}_{1-x}\text{La}_x\text{CuO}_6$. Physical Review Letters, 2000, 85, 638-641.	2.9	214
30	Direct Evidence for the Dirac-Cone Topological Surface States in the Ternary Chalcogenide TlBiSe_2 . 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 of $\text{La}_2\text{Te}_{1-x}\text{Sr}_x\text{CuO}_4$. Physical Review B, 2006, 74, 020407.	1.1	208
33	Metallic In-Plane and Divergent Out-of-Plane Resistivity of a High- T_c Cuprate 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 $\text{Bi}_2\text{Sr}_2\text{CaCu}_8\text{O}_{10}$. Science, 2008, 320, 196-201.	6.0	186
35	Angular-dependent oscillations of the magnetoresistance in Bi_2Te_3 to the three-dimensional bulk Fermi surface. Physical Review B, 2010, 81, 020407.	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

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55	Hierarchy of multiple many-body interaction scales in high-temperature superconductors. <i>Physical Review B</i> , 2007, 75, .	1.1	124
56	Planar Hall effect from the surface of topological insulators. <i>Nature Communications</i> , 2017, 8, 1340.	5.8	123
57	Signature of optimal doping in Hall-effect measurements on a high-temperature superconductor. <i>Nature</i> , 2003, 424, 912-915.	13.7	121
58	Constant effective mass across the phase diagram of high-Tccuprates. <i>Physical Review B</i> , 2005, 72, .	1.1	120
59	Electrodynamics of the nodal metal state in weakly doped high-Tccuprates. <i>Physical Review B</i> , 2005, 72, .	1.1	119
60	Universal versus Material-Dependent Two-Gap Behaviors of the High-Tc Cuprate Superconductors: Angle-Resolved Photoemission Study of $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. <i>Physical Review B</i> , 2005, 72, 040407.	2.9	119
61	Electrical injection and detection of spin-polarized electrons in silicon through an $\text{Fe}_3\text{Si}/\text{Si}$ Schottky tunnel barrier. <i>Applied Physics Letters</i> , 2009, 94, 182105.	1.5	119
62	Carrier concentrations in $\text{Bi}_2\text{Sr}_2\text{La}_x\text{CuO}_6$ single crystals and their relation to the Hall coefficient and thermopower. <i>Physical Review B</i> , 2000, 61, R14956-R14959.	1.1	113
63	A Novel Heavy-Fermion State in $\text{CaCu}_3\text{Ru}_4\text{O}_{12}$. <i>Journal of the Physical Society of Japan</i> , 2004, 73, 2373-2376.	0.7	112
64	Electrochemical synthesis and superconducting phase diagram of $\text{Cu}_x\text{Bi}_{1-x}\text{Te}_2$. <i>Physical Review B</i> , 2012, 85, 040407.	1.1	112
65	Unusual nature of fully gapped superconductivity in In-doped SnTe . <i>Physical Review B</i> , 2013, 88, 040407.	1.1	112
66	Resistive upper critical fields and irreversibility lines of optimally doped high-Tccuprates. <i>Physical Review B</i> , 1999, 60, 12475-12479.	1.1	109
67	Magnetic shape-memory effects in a crystal. <i>Nature</i> , 2002, 418, 385-386.	13.7	106
68	Unusual nature of fully gapped superconductivity in In-doped SnTe . <i>Physical Review B</i> , 2013, 88, .	1.1	105
69	Topological surface transport in epitaxial SnTe thin films grown on Bi_2Te_3 . <i>Physical Review B</i> , 2014, 89, 040407.	1.1	103
70	Observation of a 500AmeV Collective Mode in La_2CuO_4 . <i>Physical Review B</i> , 2014, 89, 040407.	2.9	102
71	Reexamination of the Electronic Structure of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ and $\text{Bi}_2\text{Sr}_2\text{Cu}_1\text{O}_6$: Electronlike Portions of the Fermi Surface and Depletion of Spectral Weight near $M\bar{A}$. <i>Physical Review Letters</i> , 1999, 83, 3717-3720.	2.9	99
72	Unusual Magnetic Susceptibility Anisotropy in Untwinned La_2CuO_4 Single Crystals in the Lightly Doped Region. <i>Physical Review Letters</i> , 2001, 87, 017007.	2.9	99

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73	Microscopic annealing process and its impact on superconductivity in $T\bar{a}\epsilon^2$ -structure electron-doped copper oxides. <i>Nature Materials</i> , 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. <i>Physical Review B</i> , 2013, 88, .	1.1	94
75	Magnetoresistance Anomalies in Antiferromagnetic $YBa_2Cu_3O_{6+x}$: Fingerprints of Charged Stripes. <i>Physical Review Letters</i> , 1999, 83, 2813-2816.	2.9	91
76	Magnetoresistance of Untwinned $YBa_2Cu_3O_y$ Single Crystals in a Wide Range of Doping: Anomalous Hole-Doping Dependence of the Coherence Length. <i>Physical Review Letters</i> , 2002, 88, 167005.	2.9	91
77	Direct observation of nonequivalent Fermi-arc states of opposite surfaces in the noncentrosymmetric Weyl semimetal NbP. <i>Physical Review B</i> , 2016, 93, .	1.1	91
78	Constituents of the Quasiparticle Spectrum Along the Nodal Direction of High-Tc Cuprates. <i>Physical Review Letters</i> , 2006, 97, 017002.	2.9	89
79	Strong charge fluctuations manifested in the high-temperature Hall coefficient of high-Tc cuprates. <i>Physical Review B</i> , 2007, 75, .	1.1	89
80	c-axis transport and resistivity anisotropy of lightly to moderately doped $La_{2-x}Sr_xCuO_4$ single crystals: Implications on the charge transport mechanism. <i>Physical Review B</i> , 2002, 65, .	1.1	86
81	Epitaxial ferromagnetic $Fe_3Si\bar{a}\cdot Si(111)$ structures with high-quality heterointerfaces. <i>Applied Physics Letters</i> , 2008, 93, .	1.5	86
82	Manipulation of Topological States and the Bulk Band Gap Using Natural Heterostructures of a Topological Insulator. <i>Physical Review Letters</i> , 2012, 109, 236804.	2.9	84
83	Evolution of the resistivity anisotropy in $Bi_2Sr_2\bar{x}La_xCuO_6\bar{I}$ single crystals for a wide range of hole doping. <i>Physical Review B</i> , 2003, 67, .	1.1	80
84	Origin of the large thermoelectric power in oxygen-variable $RBaCo_2O_{5+x}$ ($R=Gd,Nd$). <i>Physical Review B</i> , 2006, 73, .	1.1	78
85	Observations of two-dimensional quantum oscillations and ambipolar transport in the topological insulator $Bi_{2-x}Sb_xTe_3$. <i>Physical Review B</i> , 2011, 84, .	1.1	78
86	Anisotropic Magnetoresistance in Lightly Doped $La_{2-x}Sr_xCuO_4$: Impact of Antiphase Domain Boundaries on the Electron Transport. <i>Physical Review Letters</i> , 2003, 90, 247003.	2.9	77
87	Oscillatory angular dependence of the magnetoresistance in a topological insulator Bi_2Te_3 . <i>Physical Review B</i> , 2010, 82, .	1.1	77
88	Fermiology of the Strongly Spin-Orbit Coupled Superconductor $Sn_{1-x}Bi_xTe$. Implications for Topological Superconductivity. <i>Physical Review Letters</i> , 2013, 110, 206804.	2.9	77
89	Thermal conductivity of the spin-Peierls compound $CuGeO_3$. <i>Physical Review B</i> , 1998, 58, R2913-R2916.	1.1	76
90	Nonuniversal power law of the Hall scattering rate in a single-layer cuprate $Bi_2Sr_2\bar{x}La_xCuO_6$. <i>Physical Review B</i> , 1999, 60, R6991-R6994.	1.1	76

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109	Low-temperature vortex liquid in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. 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 in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ Single Crystals: Unusual Low-Energy Physics in the Normal and Superconducting States. Physical Review Letters, 2002, 88, 077001.	2.9	61
112	Intrinsic Tunneling Spectra of $\text{Bi}_2(\text{Sr}_{2-x}\text{La}_x)\text{CuO}_6$. 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 of La_2CuO_4 . Physical Review B, 2006, 73, .	1.1	59
116	Size effect in the vortex-glass transition in submicron $\text{YBa}_2\text{Cu}_3\text{O}_x$ strips: 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
118	Synthesis of Oxosumanenes through Benzylic Oxidation. Journal of Organic Chemistry, 2011, 76, 8049-8052.	1.7	55
119	Switching of charge-current-induced spin polarization in the topological insulator BiSbTeSe . Physical Review B, 2016, 94, .		
120	Landau level spectroscopy of surface states in the topological insulator BiSbTeSe . Physical Review B, 2012, 85, .	1.1	54
121	Relationship between Fermi surface warping and out-of-plane spin polarization in topological insulators: A view from spin- and angle-resolved photoemission. Physical Review B, 2014, 89, .	1.1	54
122	Magnetic-Field-Induced Localization of Quasiparticles in Underdoped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ Single Crystals. Physical Review Letters, 2003, 90, 117004.	2.9	53
123	Robust Protection from Backscattering in the Topological Insulator BiSbTeSe . Physical Review Letters, 2014, 112, 136802.	2.9	53
124	Topological proximity effect in a topological insulator hybrid. Nature Communications, 2015, 6, 6547.	5.8	53
125	Josephson Plasmon and Inhomogeneous Superconducting State in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. Physical Review Letters, 2003, 91, 167401.	2.9	52
126	Electronic specific heat and low-energy quasiparticle excitations in the superconducting state of $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ single crystals. Physical Review B, 2004, 70, .	1.1	52

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127	High-Energy Spin Excitations in the Electron-Doped Superconductor $\text{Pr}_{0.88}\text{LaCe}_{0.12}\text{CuO}_4$ with $T_c = 21 \text{ K}$. Physical Review Letters, 2006, 96, 157001.	2.9	51
128	Direct Visualization of the Nematic Superconductivity in $\text{Pr}_{1-x}\text{La}_x\text{Ce}_{1-x}\text{CuO}_4$. Physical Review X, 2018, 8, .	2.8	50
129	Electronically competing phases and their magnetic field dependence in electron-doped nonsuperconducting and superconducting $\text{Pr}_{0.88}\text{LaCe}_{0.12}\text{CuO}_4$. Physical Review B, 2005, 71, .	1.1	49
130	Superconductor derived from a topological insulator heterostructure. Physical Review B, 2014, 90, .	1.1	49
131	Numerical analysis of a.c. losses in superconductors. Cryogenics, 1991, 31, 601-606.	0.9	48
132	Temperature- and magnetic-field-dependent thermal conductivity of pure and Zn-doped $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ single crystals. Physical Review B, 2000, 62, 626-630.	1.1	48
133	Spin-Flop Transition and the Anisotropic Magnetoresistance of $\text{Pr}_{1.3}\text{La}_{0.7}\text{Ce}_x\text{CuO}_4$: Unexpectedly Strong Spin-Charge Coupling in the Electron-Doped Cuprates. Physical Review Letters, 2004, 92, 227003.	2.9	48
134	Charge localization from local destruction of antiferromagnetic correlation in Zn-doped $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$. Physical Review B, 1999, 59, R3948-R3951.	1.1	46
135	Quantum Phase Transitions in the Cuprate Superconductor $\text{Bi}_2\text{Sr}_2\text{La}_x\text{CuO}_6$. Physical Review Letters, 2004, 92, 247004.	2.9	46
136	Self-organized charge puddles in a three-dimensional topological material. Physical Review B, 2016, 93, .	1.1	46
137	Manifestation of the Magnetic Resonance Mode in the Nodal Quasiparticle Lifetime of the Superconducting Cuprates. Physical Review Letters, 2004, 92, 257006.	2.9	45
138	Fully gapped single-particle excitations in lightly doped cuprates. Physical Review B, 2004, 69, .	1.1	45
139	Towards a Two-Dimensional Superconducting State of $\text{La}_{2-x}\text{Ce}_x\text{CuO}_4$ at a Moderate External Magnetic Field. Physical Review Letters, 2010, 104, 157002.	2.9	45
140	Bias current dependence of spin accumulation signals in a silicon channel detected by a Schottky tunnel contact. Applied Physics Letters, 2011, 99, .	1.5	45
141	Thermal conductivity of lightly Sr- and Zn-doped La_2CuO_4 single crystals. Physical Review B, 2003, 67, .	1.1	44
142	Magic Doping Fractions for High-Temperature Superconductors. Physical Review Letters, 2005, 94, 207004.	2.9	43
143	Majorana qubits in a topological insulator nanoribbon architecture. Physical Review B, 2017, 95, .	1.1	43
144	Mechanism of the Lorentz-force-independent dissipation in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_y$. Physical Review Letters, 1991, 67, 2737-2740.	2.9	42

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145	Two mechanisms of pseudogap formation in Bi-2201: Evidence from the c-axis magnetoresistance. Europhysics Letters, 2002, 57, 267-273.	0.7	42
146	Electronic Inhomogeneity and Breakdown of the Universal Thermal Conductivity of Cuprate Superconductors. Physical Review Letters, 2006, 96, 017008.	2.9	42
147	Topological Phase Transition in $TlBi$. Physical Review Letters, 2011, 106, 077201.	2.9	42
148	Giant spin Hall angle in the Heusler alloy Weyl ferromagnet Co_2MnSi . Physical Review B, 2021, 103, .	1.2	42
149	Bilayer splitting and coherence effects in optimal and underdoped $Bi_2Sr_2CaCu_2O_{8+\delta}$. Physical Review B, 2004, 69, .	1.1	41
150	Evidence for CuO conducting band splitting in the nodal direction of $Bi_2Sr_2CaCu_2O_{8+\delta}$. Physical Review B, 2004, 70, .	1.1	41
151	Opportunities in topological insulator devices. Nature Reviews Physics, 2022, 4, 184-193.	11.9	41
152	Magnetic Order in Lightly Doped $La_{2-x}Sr_xCuO_4$. Physical Review Letters, 2004, 93, 027001.	2.9	40
153	Doping dependence of charge-transfer excitations in $La_{2-x}Sr_xCuO_4$. Physical Review B, 2004, 70, .	1.1	40
154	Conversion of a conventional superconductor into a topological superconductor by topological proximity effect. Nature Communications, 2020, 11, 159.	5.8	40
155	Normal-state Hall effect and the insulating resistivity of high-Tc cuprates at low temperatures. Physical Review B, 1997, 56, R8530-R8534.	1.1	39
156	Low-temperature molecular beam epitaxy of a ferromagnetic full-Heusler alloy Fe_2MnSi on Ge(111). Applied Physics Letters, 2008, 93, 112108.	1.5	39
157	Magnetic properties of epitaxially grown $Fe_3Si/Ge(111)$ layers with atomically flat heterointerfaces. Journal of Applied Physics, 2009, 105, .	1.1	38
158	Magnetoresistance in Heavily Underdoped $YBa_2Cu_3O_{6+x}$: Antiferromagnetic Correlations and Normal-State Transport. Physical Review Letters, 1999, 83, 1419-1422.	2.9	37
159	Zn-doping effect on the magnetotransport properties of $Bi_2Sr_2La_xCuO_6$ single crystals. Physical Review B, 2001, 64, .	1.1	37
160	Stability of exfoliated Bi_2 . Physical Review B, 2010, 82, .	4.7	37
161	Anomalous Fraunhofer Patterns in Gated Josephson Junctions Based on the Bulk-Insulating Topological Insulator $BiSbTeSe$. Nano Letters, 2018, 18, 5124-5131.	4.5	37
162	Thermal Conductivity of $Pr_{1.3}La_{0.7}Ce_xCuO_4$ Single Crystals and Signatures of Stripes in an Electron-Doped Cuprate. Physical Review Letters, 2004, 92, 047001.	2.9	36

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163	Evolution of low-energy spin dynamics in the electron-doped high-transition-temperature superconductor $\text{Pr}_{0.88}\text{LaCe}_{0.12}\text{CuO}_4$. Physical Review B, 2006, 74, .	1.1	36
164	Top gating of epitaxial $(\text{Bi}_{1-x}\text{Sb}_x)_2\text{Te}_3$ topological insulator thin films. Applied Physics Letters, 2014, 104, .	1.5	35
165	Normal-state conductivity in underdoped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ thin films: Search for nonlinear effects related to collective stripe motion. Physical Review B, 2003, 68, .	1.1	34
166	Infrared signatures of hole and spin stripes in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. Physical Review B, 2005, 72, .	1.1	34
167	Work function of bulk-insulating topological insulator Bi_2SbTeSe . Applied Physics Letters, 2016, 109, .	1.5	34
168	Charge puddles in the bulk and on the surface of the topological insulator Bi_2SbTeSe studied by scanning tunneling microscopy and optical spectroscopy. Physical Review B, 2017, 96, .	1.1	34
169	Supporting evidence of the unusual insulating behavior in the low-temperature normal-state resistivity of underdoped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. Journal of Low Temperature Physics, 1996, 105, 867-875.	0.6	33
170	Hall effect in Zn-doped $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ revisited: Hall angle and the pseudogap. Physical Review B, 1999, 60, R15055-R15058.	1.1	33
171	Electronic inhomogeneity and competing phases in electron-doped superconducting $\text{Pr}_{0.88}\text{LaCe}_{0.12}\text{CuO}_4$. Physical Review B, 2005, 71, .	1.1	33
172	Electron interactions and charge ordering in CuO_2 compounds. European Physical Journal: Special Topics, 2010, 188, 131-152.	1.2	33
173	Dual-Gated Topological Insulator Thin-Film Device for Efficient Fermi-Level Tuning. ACS Nano, 2015, 9, 4050-4055.	7.3	33
174	Yurgens et al. Reply. Physical Review Letters, 2004, 92, .	2.9	32
175	Low-temperature nodal-quasiparticle transport in lightly doped $\text{YBa}_2\text{Cu}_3\text{O}_y$ near the edge of the superconducting doping regime. Physical Review B, 2005, 72, .	1.1	32
176	Muon spin relaxation study of superconducting $\text{Bi}_2\text{Sr}_2\text{LaCuO}_6$. Physical Review B, 2007, 75, .	1.1	32
177	Inhomogeneous Magnetic-Field Response of $\text{YBa}_2\text{Cu}_3\text{O}_y$ and $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ Persisting above the Bulk Superconducting Transition Temperature. Physical Review Letters, 2008, 101, 117001.	2.9	32
178	Topological transition in Bi_2SbTeSe studied as a function of Sb doping. Physical Review B, 2011, 84, .	1.1	32
179	Generalized Anderson's theorem for superconductors derived from topological insulators. Science Advances, 2020, 6, eaay6502.	1.1	32
180	Generalized Anderson's theorem for superconductors derived from topological insulators. Science Advances, 2020, 6, eaay6502.	4.7	32

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181	Temperature evolution of spin accumulation detected electrically in a nondegenerated silicon channel. <i>Physical Review B</i> , 2012, 85, .	1.1	31
182	Origin of the shadow Fermi surface in Bi-based cuprates. <i>Physical Review B</i> , 2004, 69, .	1.1	30
183	Spin-glass state of individual magnetic vortices in $\text{YBa}_2\text{Cu}_3\text{O}_{y+\delta}$ and $\text{La}_2\text{xSr}_x\text{CuO}_4$ below the metal-to-insulator crossover. <i>Physical Review B</i> , 2007, 76, .	1.1	29
184	Far-Infrared Absorption and the Metal-to-Insulator Transition in Hole-Doped Cuprates. <i>Physical Review Letters</i> , 2009, 102, 206409.	2.9	29
185	Ambipolar transport in bulk crystals of a topological insulator by gating with ionic liquid. <i>Physical Review B</i> , 2012, 86, .	1.1	29
186	Novel Anisotropy in the Superconducting Gap Structure of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ Probed by Quasiparticle Heat Transport. <i>Physical Review Letters</i> , 2002, 88, 147004.	2.9	28
187	High-quality epitaxial CoFe/Si(111) heterostructures fabricated by low-temperature molecular beam epitaxy. <i>Applied Physics Letters</i> , 2010, 97, .	1.5	28
188	Uniaxial-strain control of nematic superconductivity in $\text{Sr}_x\text{Bi}_2\text{Se}_3$. <i>Nature Communications</i> , 2020, 11, 4152.	5.8	28
189	Electron localization in $\text{La}_2\text{xSr}_x\text{CuO}_4$ and the role of stripes. <i>Physical Review B</i> , 2004, 70, .	1.1	27
190	Quantum confinement of the Dirac surface states in topological-insulator nanowires. <i>Nature Communications</i> , 2021, 12, 1038.	5.8	27
191	Coherence and Superconductivity in Coupled One-Dimensional Chains: A Case Study of $\text{YBa}_2\text{Cu}_3\text{O}_y$. <i>Physical Review Letters</i> , 2005, 94, 137004.	2.9	26
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