

Yoichi Ando

List of Publications by Year in descending order

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389
papers

26,562
citations

5569

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all docs

393
docs citations

393
times ranked

13709
citing authors

#	ARTICLE	IF	CITATIONS
1	Observability of superconductivity in Sr-doped Bi_2Se_3 at the surface using scanning tunneling microscope. <i>Physical Review Materials</i> , 2022, 6, .	0.9	0
2	Magnetic Field Resilience of Three-Dimensional Transmons with Thin-Film Josephson Junctions Approaching 1 T. <i>Physical Review Applied</i> , 2022, 17, .	1.5	16
3	Opportunities in topological insulator devices. <i>Nature Reviews Physics</i> , 2022, 4, 184-193.	11.9	41
4	Proximity-induced superconductivity in $(\text{Bi}_{1-x}\text{Sb}_x)_2\text{Te}_3$ topological-insulator nanowires. <i>Communications Materials</i> , 2022, 3, .	2.9	10
5	Gigantic Magnetochiral Anisotropy in the Topological Semimetal ZrTe_5 . <i>Physical Review Letters</i> , 2022, 128, 176602.	2.9	24
6	Giant magnetochiral anisotropy from quantum-confined surface states of topological insulator nanowires. <i>Nature Nanotechnology</i> , 2022, 17, 696-700.	15.6	18
7	Quantum confinement of the Dirac surface states in topological-insulator nanowires. <i>Nature Communications</i> , 2021, 12, 1038.	5.8	27
8	Approaching barrier-free contacts to monolayer MoS_2 employing [Co/Pt] multilayer electrodes. <i>NPG Asia Materials</i> , 2021, 13, .	3.8	8
9	Single- or double A-site cations in $\text{A}_3\text{Bi}_2\text{I}_9$ bismuth perovskites: What is the suitable choice?. <i>Journal of Materials Research</i> , 2021, 36, 1794-1804.	1.2	20
10	Investigation of the thermal tolerance of silicon-based lateral spin valves. <i>Scientific Reports</i> , 2021, 11, 10583.	1.6	1
11	Mobility spectrum analysis on three-dimensional topological insulator BiSbTeSe_2 . <i>Applied Physics Letters</i> , 2021, 118, .	1.5	3
12	Unveiling quasiparticle dynamics of topological insulators through Bayesian modelling. <i>Communications Physics</i> , 2021, 4, .	2.0	7
13	Vertical position of Sr dopants in the Bi_2Se_3 superconductor. <i>Physical Review B</i> , 2021, 104, .	1.1	1
14	Giant spin Hall angle in the Heusler alloy Weyl ferromagnet Co_2MnSi . <i>Physical Review B</i> , 2021, 103, .	1.2	12
15	Calculation of an Enhanced Mode Induced by Higgs Oscillations in the Raman Spectrum of High-Temperature Cuprate Superconductors. <i>Physical Review Letters</i> , 2021, 127, 197001.	2.9	6
16	Observation of inverted band structure in the topological Dirac semimetal candidate CaAuAs . <i>Physical Review B</i> , 2020, 102, .	1.1	13
17	Photodetection Using Atomically Precise Graphene Nanoribbons. <i>ACS Applied Nano Materials</i> , 2020, 3, 8343-8351.	2.4	15
18	Two-Dimensional-Dirac Surface States and Bulk Gap Probed via Quantum Capacitance in a Three-Dimensional Topological Insulator. <i>Nano Letters</i> , 2020, 20, 8493-8499.	4.5	8

#	ARTICLE	IF	CITATIONS
19	Enhancement of spin signals by thermal annealing in silicon-based lateral spin valves. AIP Advances, 2020, 10, 095021.	0.6	4
20	Uniaxial-strain control of nematic superconductivity in Sr _x Bi ₂ Se ₃ . Nature Communications, 2020, 11, 4152.	5.8	28
21	Probing the origin of photoluminescence blinking in graphene nanoribbons: Influence of plasmonic field enhancement. 2D Materials, 2020, 7, 045009.	2.0	0
22	Generalized Anderson's theorem for superconductors derived from topological insulators. Science Advances, 2020, 6, eaay6502.	4.7	32
23	Spin waves above and below the Verwey transition in TbBaFe ₂ O ₅ . Physical Review B, 2020, 101, .	1.1	1
24	Conversion of a conventional superconductor into a topological superconductor by topological proximity effect. Nature Communications, 2020, 11, 159.	5.8	40
25	Crystal structure and distortion of superconducting $\text{Cu}_x\text{Bi}_{1-x}\text{Te}_2$. Physical Review Materials, 2020, 4, .	0.9	0
26	Novel self-epitaxy for inducing superconductivity in the topological insulator Bi_2Te_3 . Physical Review Materials, 2020, 4, .	0.9	0
27	Relaxation dynamics of the optically driven nonequilibrium states in the electron- and hole-doped topological-insulator materials. Physical Review Materials, 2020, 4, .	0.9	0
28	Acoustic plasmonics of Au grating/Bi ₂ Se ₃ thin film/sapphire hybrid structures. Chinese Physics B, 2020, 29, 067801.	0.7	0
29	Nanoscale Photodetector Using 7-Atom Wide Armchair-Edge Graphene Nanoribbons. , 2020, , .		0
30	Large-area enhancement of far-field fluorescence intensity using planar nanostructures. APL Photonics, 2019, 4, 076101.	3.0	10
31	Graphene Nanoribbons: From Photophysical Properties Towards Devices. , 2019, , .		0
32	Evidence for bulk nodal loops and universality of Dirac-node arc surface states in ZrGe_2X ($\text{X} = \text{Te, Se}$). Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 217 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML")		
33	Large positive magnetoconductivity at microwave frequencies in the compensated topological insulator BiSbTeSe_2 . Physical Review B, 2019, 99, .	1.1	4
34	Nanomosaic of Topological Dirac States on the Surface of $\text{Pb}_5\text{Bi}_{24}\text{Se}_{41}$ Observed by Nano-ARPES. Nano Letters, 2019, 19, 3737-3742.	4.5	10
35	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
36	Monolayer MoS ₂ field effect transistor with low Schottky barrier height with ferromagnetic metal contacts. Scientific Reports, 2019, 9, 17032.	1.6	9

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37	Phonon mode calculations and Raman spectroscopy of the bulk-insulating topological insulator Physical Review Materials, 2019, 3, .	0.9	18
38	Superconductivity in Sn $_{1-x}$ In $_x$ Te thin films grown by molecular beam epitaxy. Physical Review Materials, 2019, 3, .	0.9	4
39	Topological interface states in the natural heterostructure (PbSe) Physical Review B, 2018, 97, .	1.1	9
40	Direct Visualization of the Nematic Superconductivity in Cu $_x$ Bi $_{2-x}$ Se $_3$ Physical Review X, 2018, 8, .	2.8	50
41	Fabrication of L10-MnAl thin films with high perpendicular magnetic anisotropy for STT-MRAM.. , 2018, , .		1
42	Nematic superconductivity in Cu $_x$ Bi $_{2-x}$ Se $_3$ Physical Review B, 2018, 98, .	1.1	20
43	Observation of band crossings protected by nonsymmorphic symmetry in the layered ternary telluride Physical Review B, 2018, 98, .	1.1	26
44	Spin-orbit coupling induced by bismuth doping in silicon thin films. Applied Physics Letters, 2018, 113, .	1.5	11
45	Observation of Dirac-like energy band and unusual spectral line shape in quasi-one-dimensional superconductor Tl $_2$ Te Physical Review B, 2018, 98, .	1.1	5
46	Observation of Room-Temperature Photoluminescence Blinking in Armchair-Edge Graphene Nanoribbons. Nano Letters, 2018, 18, 7038-7044.	4.5	8
47	Enhanced light-matter interaction of aligned armchair graphene nanoribbons using arrays of plasmonic nanoantennas. 2D Materials, 2018, 5, 045006.	2.0	10
48	Anomalous Fraunhofer Patterns in Gated Josephson Junctions Based on the Bulk-Insulating Topological Insulator BiSbTeSe $_2$. Nano Letters, 2018, 18, 5124-5131.	4.5	37
49	Scanning tunneling spectroscopy investigations of superconducting-doped topological insulators: Experimental pitfalls and results. Physical Review B, 2018, 98, .	1.1	5
50	Topological superconductors: a review. Reports on Progress in Physics, 2017, 80, 076501.	8.1	1,011
51	Thermal conductivity of ferrimagnet GdBaMn $_2$ O $_{5.0}$ single crystals. AIP Advances, 2017, 7, 055807.	0.6	0
52	Surface state of the dual topological insulator Bi $_x$ Sb $_{1-x}$ Te $_3$ Physical Review B, 2017, 95, 040401.	1.1	1

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55	Spin-singlet superconductivity in the doped topological crystalline insulator $\text{Sn}_{1-x}\text{In}_x\text{Te}$. Physical Review B, 2017, 96, .	1.1	127
56	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	127
57	Thermodynamic evidence for nematic superconductivity in $\text{Cu}_x\text{Bi}_2\text{Se}_3$. Nature Physics, 2017, 13, 123-126.	6.5	224
58	Planar Hall effect from the surface of topological insulators. Nature Communications, 2017, 8, 1340.	5.8	123
59	Work function of bulk-insulating topological insulator Bi_2SbTeSe . Applied Physics Letters, 2016, 109, .	1.5	34
60	Dirac-node arc in the topological line-node semimetal HfSiS . Physical Review B, 2016, 94, .	1.1	139
61	Switching of charge-current-induced spin polarization in the topological insulator Bi_2SbTeSe . Physical Review B, 2016, 94, .	1.1	139
62	Universal scaling for the spin-electricity conversion on surface states of topological insulators. Physical Review B, 2016, 94, .	1.1	17
63	Coexistence of a pseudogap and a superconducting gap for the $\text{La}_{1-x}\text{Bi}_x\text{Te}$. Physical Review B, 2016, 93, .	1.1	17
64	Metal-insulator transition and tunable Dirac-cone surface state in the topological insulator TiBi by angle-resolved photoemission. Physical Review B, 2016, 93, .	1.1	11
65	Fermiology of possible topological superconductor $\text{Ti}_{1-x}\text{Sb}_x\text{Te}$ from hole-doped topological insulator. Physical Review B, 2016, 93, .	1.1	11
66	Gate-Tunable Spin-Charge Conversion and the Role of Spin-Orbit Interaction in Graphene. Physical Review Letters, 2016, 116, 166102.	2.9	70
67	Direct observation of nonequivalent Fermi-arc states of opposite surfaces in the noncentrosymmetric Weyl semimetal NbP . Physical Review B, 2016, 93, .	1.1	91
68	Self-organized charge puddles in a three-dimensional topological material. Physical Review B, 2016, 93, .	1.1	46
69	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
70	Superconductivity in $\text{Ti}_{0.6}\text{Bi}_2\text{Te}_3$ Derived from a Topological Insulator. Chemistry of Materials, 2016, 28, 779-784.	3.2	71
71	Spin-polarized quantum well states on $\text{Bi}_{1-x}\text{Sb}_x\text{Te}$. Infrared Probe of the Bulk Insulating Response in $\text{Bi}_{1-x}\text{Sb}_x\text{Te}$. Physical Review B, 2016, 93, .	1.1	12
72	Infrared Probe of the Bulk Insulating Response in $\text{Bi}_{1-x}\text{Sb}_x\text{Te}$. Physical Review B, 2016, 93, .	1.1	16

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73	Precise determination of two-carrier transport properties in the topological insulator Bi_2Te_3 Physical Review B, 2015, 91, 115411 Observation of two-dimensional bulk electronic states in the superconducting topological insulator heterostructure $\text{Cu}_x\text{Bi}_2\text{Te}_3$		
74			

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91	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
92	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
93	Doping-independent charge dynamics in Bi_2Se_3 . Physical Review B, 2014, 90, .	1.1	18
94	Optical Properties of the CuO Plane in the Bi ₂ Sr ₂ xLa _x CuO ₆ Family. Journal of Superconductivity and Novel Magnetism, 2013, 26, 969-977.	0.8	0
95	Room-temperature sign reversed spin accumulation signals in silicon-based devices using an atomically smooth Fe ₃ Si/Si(111) contact. Journal of Applied Physics, 2013, 113, .	1.1	14
96	Unusual nature of fully gapped superconductivity in In-doped SnTe. Physical Review B, 2013, 88, .	1.1	105
97	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
98	Tunability of the k -space location of the Dirac cones in the topological crystalline insulator Pb _{1-x} Sn _x . Physical Review B, 2013, 88, .	1.1	135
99	Room-temperature detection of spin accumulation in silicon across Schottky tunnel barriers using a metal-oxide-semiconductor field effect transistor structure (invited). Journal of Applied Physics, 2013, 113, .	1.1	20
100	Fermiology of the Strongly Spin-Orbit Coupled Superconductor $\text{Pb}_{1-x}\text{Sn}_x$. Physical Review Letters, 2013, 110, 206804.	2.9	77
101	Checkerboard to stripe charge ordering transition in TeO_2 . Physical Review B, 2013, 87, .	1.1	6
102	Topological Insulator Materials. Journal of the Physical Society of Japan, 2013, 82, 102001.	0.7	1,386
103	Anomalous Dressing of Dirac Fermions in the Topological Surface State of Bi_2Se_3 . Physical Review Letters, 2013, 110, 206804.	2.9	67
104	Anomalous metallic state above the upper critical field of the conventional three-dimensional superconductor AgSnSe ₂ with strong intrinsic disorder. Physical Review B, 2013, 87, .	1.1	25
105	Experimental studies of the topological superconductor CuBi_2Se_3 . Journal of Physics: Conference Series, 2013, 449, 012033.	0.3	5
106	Study of the Dispersion Relations of the Coupled Phonon-Damped Plasmon Mode in n-GaAs by Light Scattering. Progress of Theoretical Physics Supplement, 2013, 57, 115-124.	0.2	0
107	Electrical manipulation of spin polarization and generation of giant spin current using multi terminal spin injectors. Journal of Applied Physics, 2012, 111, 07C505.	1.1	6
108	Topological Surface States in Lead-Based Ternary Telluride $\text{Pb}_{1-x}\text{Bi}_x\text{Te}$. Physical Review Letters, 2012, 108, 116801.	2.9	64

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109	Temperature evolution of spin accumulation detected electrically in a nondegenerated silicon channel. Physical Review B, 2012, 85, .	1.1	31
110	Ambipolar transport in bulk crystals of a topological insulator by gating with ionic liquid. Physical Review B, 2012, 86, .	1.1	29
111	Structural study of Bi ₂ Sr ₂ CaCu ₂ O ₈ + $\hat{\Gamma}$ exfoliated nanocrystals. Applied Physics Letters, 2012, 101, 223106.	1.5	4
112	Anomalous suppression of the superfluid density in the Cu _x Bi ₂ Se ₃ . Physical Review Letters, 2012, 109, 217004.	1.1	32
113	Odd-Parity Pairing and Topological Superconductivity in a Strongly Spin-Orbit Coupled Semiconductor. Physical Review Letters, 2012, 109, 217004.	2.9	179
114	Spin Polarization of Gapped Dirac Surface States Near the Topological Phase Transition in TlBi ₂ Te ₃ . Physical Review Letters, 2012, 109, 066803.	2.9	42
115	Effect of the magnetic domain structure in the ferromagnetic contact on spin accumulation in silicon. Applied Physics Letters, 2012, 101, 232404.	1.5	6
116	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
117	Fermi level tuning and a large activation gap achieved in the topological insulator Bi ₂ Te ₃ . Physical Review Letters, 2012, 109, 066803.	1.1	112
118	Manifestation of Topological Protection in Transport Properties of Epitaxial Bi ₂ Se ₃ Films. Physical Review Letters, 2012, 109, 066803.	2.9	321
119	Achieving Surface Quantum Oscillations in Topological Insulator Thin Films of Bi ₂ Se ₃ . Advanced Materials, 2012, 24, 5581-5585.	11.1	75
120	Tunable Dirac cone in the topological insulator Bi ₂ -xSbxTe ₃ -ySey. Nature Communications, 2012, 3, 636.	5.8	315
121	Experimental realization of a topological crystalline insulator in SnTe. Nature Physics, 2012, 8, 800-803.	6.5	811
122	Spin accumulation created electrically in an n-type germanium channel using Schottky tunnel contacts. Journal of Applied Physics, 2012, 111, .	1.1	62
123	Carrier level spin polarization of surface states in the topological insulator Bi ₂ Se ₃ . Physical Review Letters, 2012, 109, 066803.	1.1	54
124	Optimizing Bi ₂ Se ₃ via magneto-optics. Physical Review Letters, 2012, 109, 066803.	1.1	274
125	Synthesis of Oxosumanenes through Benzylic Oxidation. Journal of Organic Chemistry, 2011, 76, 8049-8052.	1.7	55
126	Observation of Dirac Holes and Electrons in a Topological Insulator. Physical Review Letters, 2011, 107, 016801.	2.9	301

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127	ing the dynamical effective interaction and competing order from an analysis of Raman spectra of the high-temperature La \hat{x} SrCuO $\hat{4}$: Topological transition in Bi \hat{x} Sb $\hat{2}$ studied as a function of Sb doping. Physical Review B, 2011, 84, .	1.1	32
128	Unexpected mass acquisition of Dirac fermions at the quantum phase transition of a topological insulator. Nature Physics, 2011, 7, 840-844.	6.5	215
130	Anisotropies in the optical ac and dc conductivities in lightly doped La $\hat{2}$ \hat{x} SrCuO $\hat{4}$: the role of deep and shallow acceptor states. Journal of Physics Condensed Matter, 2011, 23, 215602.	0.7	0
131	Electric-field control of spin accumulation signals in silicon at room temperature. Applied Physics Letters, 2011, 99, 132511.	1.5	56
132	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
133	Additional Evidence for the Surface Origin of the Peculiar Angular-Dependent Magnetoresistance Oscillations Discovered in a Topological Insulator Bi \hat{x} Sb \hat{x} . Journal of Physics: Conference Series, 2011, 334, 012012.	0.3	2
134	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
135	Bulk Superconducting Phase with a Full Energy Gap in the Doped Topological Insulator Cu \hat{x} Bi \hat{x} Physical Review Letters, 2011, 106, 127004.	2.9	286
136	Doping dependence of the (\hat{I} , \hat{E}) shadow band in La-based cuprates studied by angle-resolved photoemission spectroscopy. New Journal of Physics, 2011, 13, 013031.	1.2	19
137	Investigation of particle-hole asymmetry in the cuprates via electronic Raman scattering. Physical Review B, 2011, 84, .	1.1	13
138	Berry phase of nonideal Dirac fermions in topological insulators. Physical Review B, 2011, 84, .	1.1	158
139	Observations of two-dimensional quantum oscillations and ambipolar transport in the topological insulator Bi \hat{x} Se $\hat{2}$ achieved by Cd doping. Physical Review B, 2011, 84, .	1.1	78
140	Electronic structure of doped lanthanum cuprates studied with resonant inelastic x-ray scattering. Physical Review B, 2011, 83, .	1.1	11
141	Pair breaking versus symmetry breaking: Origin of the Raman modes in superconducting cuprates. Physical Review B, 2011, 84, .	1.1	20
142	Electrochemical synthesis and superconducting phase diagram of Cu \hat{x} Bi \hat{x} Se $\hat{2}$ Polarization-analyzed resonant x-ray scattering of topological excitations in Cu \hat{x} Bi \hat{x} Physical Review B, 2011, 83, .	1.1	112
143	Topological Superconductivity in Cu \hat{x} Bi \hat{x} Physical Review Letters, 2011, 107, 217001.	1.1	25
144	Topological Superconductivity in Cu \hat{x} Bi \hat{x} Physical Review Letters, 2011, 107, 217001.	1.1	389

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145	An extended infrared study of the T -phase diagram of the p -doped CuO plane. New Journal of Physics, 2011, 13, 123009.	1.2	12
146	Electrical Transport Properties of Topological Insulators. Hyomen Kagaku, 2011, 32, 189-195.	0.0	0
147	Homogeneous Dispersion of Gallium Nitride Nanoparticles in a Boron Nitride Matrix by Nitridation with Urea. Journal of Nanoscience and Nanotechnology, 2010, 10, 4312-4316.	0.9	0
148	Peculiar Physical Properties of Copper-Oxide High-Temperature Superconductors — Clues for Elucidating the Superconductivity Mechanism —. Materia Japan, 2010, 49, 7-12.	0.1	0
149	Electron interactions and charge ordering in CuO_2 compounds. European Physical Journal: Special Topics, 2010, 188, 131-152.	1.2	33
150	Quantitative comparison of single- and two-particle properties in the cuprates. European Physical Journal: Special Topics, 2010, 188, 163-171.	1.2	13
151	Zero-doping state and electron-hole asymmetry in an ambipolar cuprate. Nature Physics, 2010, 6, 579-583.	6.5	24
152	Spin-polarized surface bands of a three-dimensional topological insulator studied by high-resolution spin- and angle-resolved photoemission spectroscopy. New Journal of Physics, 2010, 12, 065011.	1.2	10
153	High-Temperature Optical Spectral Weight and Fermi-liquid Renormalization in Bi-Based Cuprate Superconductors. Physical Review Letters, 2010, 105, 077002.	2.9	19
154	Stability of exfoliated Bi_2Te_3 . Physical Review B, 2010, 82, .	1.1	182
155	Effect of atomically controlled interfaces on Fermi-level pinning at metal/Ge interfaces. Applied Physics Letters, 2010, 96, .	1.5	75
156	Spin-orbit coupling and anomalous angular-dependent magnetoresistance in the quantum transport regime of PbS . Physical Review B, 2010, 81, .	1.1	6
157	Direct mapping of the spin-filtered surface bands of a three-dimensional quantum spin Hall insulator. Physical Review B, 2010, 81, .	1.1	149
158	Angular-dependent oscillations of the magnetoresistance in Bi_2Te_3 to the three-dimensional bulk Fermi surface. Physical Review B, 2010, 81, .	1.1	182
159	Possibility of magnetic-field-induced reconstruction of the Fermi surface in underdoped cuprates: Constraints from infrared magneto-optics. Physical Review B, 2010, 81, .	1.1	7
160	Towards a Two-Dimensional Superconducting State of $\text{La}_2\text{X}_2\text{O}_7$ a Moderate External Magnetic Field. Physical Review Letters, 2010, 104, 157002.	2.9	45
161	Breakdown of the universal Josephson relation in spin-ordered cuprate superconductors. Physical Review B, 2010, 82, .	1.1	16
162	High-quality epitaxial CoFe/Si(111) heterostructures fabricated by low-temperature molecular beam epitaxy. Applied Physics Letters, 2010, 97, .	1.5	28

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163	Large bulk resistivity and surface quantum oscillations in the topological insulator Bi_2Te_3 . Physical Review B, 2010, 82, .	1.1	595
164	Chemical potential jump between the hole-doped and electron-doped sides of ambipolar high-Tc cuprate superconductors. Physical Review B, 2010, 82, .	1.1	15
165	Diamagnetism and Cooper pairing above T_c in cuprates. Physical Review B, 2010, 81, .	1.1	242
166	Direct Evidence for the Dirac-Cone Topological Surface States in the Ternary Chalcogenide TiBiSe_2 . Physical Review Letters, 2010, 105, 136802.	2.9	211
167	Oscillatory angular dependence of the magnetoresistance in a topological insulator Bi_2Te_3 . Physical Review B, 2010, 82, .	1.1	77
168	An electron-phonon glue function derived from electronic Raman scattering. Journal of Physics Condensed Matter, 2010, 22, 375702.	0.7	16
169	Infrared and THz study of the hole-doped Cu-O plane in its whole phase diagram. , 2010, , .		0
170	Universal critical behavior in single crystals and films of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. Physical Review B, 2009, 80, .	1.1	11
171	Quantum oscillations in a topological insulator Bi_2Te_3 . Physical Review B, 2009, 80, .	1.1	169
172	Zn-impurity effects on quasiparticle scattering in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ studied by angle-resolved photoemission spectroscopy. Physical Review B, 2009, 80, .	1.1	7
173	Magnetic field induced modification of superfluid density and interplane spectral weight in $\text{YBa}_2\text{Cu}_3\text{O}_y$. Physical Review B, 2009, 79, .	1.1	12
174	Quantum Phase Transition in the Magnetic-Field-Induced Normal State of Optimum-Doped High-Tc Cuprate Superconductors at Low Temperatures. Physical Review Letters, 2009, 102, 017004.	2.9	64
175	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
176	Josephson scanning tunneling microscopy: A local and direct probe of the superconducting order parameter. Physical Review B, 2009, 80, .	1.1	23
177	Deviation from the Wiedemann-Franz law induced by nonmagnetic impurities in overdoped La_2CuO_4 . Physical Review B, 2009, 80, .	1.1	10
178	Comment on "Low-temperature phonon thermal conductivity of single-crystalline Nd_2CuO_4 Effects of sample size and surface roughness". Physical Review B, 2009, 79, .	1.1	14
179	Far-Infrared Absorption and the Metal-to-Insulator Transition in Hole-Doped Cuprates. Physical Review Letters, 2009, 102, 206409.	2.9	29
180	Magnetic and Transport Properties of FeAs Single Crystals. Journal of the Physical Society of Japan, 2009, 78, 104720.	0.7	25

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181	Universal versus Material-Dependent Two-Gap Behaviors of the High-T _c Cuprate Superconductors: Angle-Resolved Photoemission Study of La _{2-x} Mo ₂ As ² . <i>Physical Review Letters</i> , 2009, 102, 107201.	2.9	119
182	Electrical injection and detection of spin-polarized electrons in silicon through an Fe ₃ Si/Si Schottky tunnel barrier. <i>Applied Physics Letters</i> , 2009, 94, 182105.	1.5	119
183	Magnetic properties of epitaxially grown Fe ₃ Si/Ge(111) layers with atomically flat heterointerfaces. <i>Journal of Applied Physics</i> , 2009, 105, .	1.1	38
184	Why can't experimentalists agree on the superconducting critical exponents?. <i>Physica C: Superconductivity and Its Applications</i> , 2008, 468, 284-287.	0.6	1
185	Implication of the Mott-limit violation in high- <i>T_c</i> cuprates. <i>Journal of Physics and Chemistry of Solids</i> , 2008, 69, 3195-3198.	1.9	8
186	Mapping of the formation of the pairing gap in. <i>Journal of Physics and Chemistry of Solids</i> , 2008, 69, 3034-3038.	1.9	5
187	Fabrication of machinable AlN/BN composites with high thermal conductivity by pressureless sintering turbostatic BN-coated AlN nanocomposite powders. <i>Journal of Materials Research</i> , 2008, 23, 236-244.	1.2	6
188	Epitaxial ferromagnetic Fe ₃ Si/Si(111) structures with high-quality heterointerfaces. <i>Applied Physics Letters</i> , 2008, 93, .	1.5	86
189	Electronic Origin of the Inhomogeneous Pairing Interaction in the High-T _c Superconductor Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} . <i>Science</i> , 2008, 320, 196-201.	6.0	186
190	Large magnetothermal conductivity in Gd ₂ BaCo ₂ O ₇ . <i>Physical Review Letters</i> , 2008, 101, 077201.	1.1	25
191	Observation of a Spin Anomalous Collective Mode in Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} . <i>Physical Review Letters</i> , 2008, 101, 077202.	1.1	71
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