

Yoichi Ando

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

376
papers

22,431
citations

78
h-index

140
g-index

393
ext. papers

24,921
ext. citations

5.5
avg, IF

7.18
L-index

#	Paper	IF	Citations
376	Opportunities in topological insulator devices. <i>Nature Reviews Physics</i> , 2022 , 4, 184-193	23.6	4
375	Gigantic Magnetochiral Anisotropy in the Topological Semimetal ZrTe ₅ . <i>Physical Review Letters</i> , 2022 , 128, 176602	7.4	1
374	Calculation of an Enhanced A _{1g} Symmetry Mode Induced by Higgs Oscillations in the Raman Spectrum of High-Temperature Cuprate Superconductors. <i>Physical Review Letters</i> , 2021 , 127, 197001	7.4	0
373	Single- or double A-site cations in A ₃ Bi ₂ I ₉ bismuth perovskites: What is the suitable choice?. <i>Journal of Materials Research</i> , 2021 , 36, 1794-1804	2.5	6
372	Investigation of the thermal tolerance of silicon-based lateral spin valves. <i>Scientific Reports</i> , 2021 , 11, 10583	4.9	1
371	Mobility spectrum analysis on three-dimensional topological insulator BiSbTeSe ₂ . <i>Applied Physics Letters</i> , 2021 , 118, 253107	3.4	0
370	Unveiling quasiparticle dynamics of topological insulators through Bayesian modelling. <i>Communications Physics</i> , 2021 , 4,	5.4	2
369	Quantum confinement of the Dirac surface states in topological-insulator nanowires. <i>Nature Communications</i> , 2021 , 12, 1038	17.4	8
368	Approaching barrier-free contacts to monolayer MoS ₂ employing [Co/Pt] multilayer electrodes. <i>NPG Asia Materials</i> , 2021 , 13,	10.3	2
367	Giant spin Hall angle in the Heusler alloy Weyl ferromagnet Co ₂ MnGa. <i>Physical Review B</i> , 2021 , 103,	3.3	11
366	Probing the origin of photoluminescence blinking in graphene nanoribbons: Influence of plasmonic field enhancement. <i>2D Materials</i> , 2020 , 7, 045009	5.9	
365	Generalized Anderson's theorem for superconductors derived from topological insulators. <i>Science Advances</i> , 2020 , 6, eaay6502	14.3	11
364	Conversion of a conventional superconductor into a topological superconductor by topological proximity effect. <i>Nature Communications</i> , 2020 , 11, 159	17.4	16
363	Crystal structure and distortion of superconducting Cu _x Bi ₂ Se ₃ . <i>Physical Review Materials</i> , 2020 , 4,	3.2	4
362	Novel self-epitaxy for inducing superconductivity in the topological insulator (Bi _{1-x} Sbx) ₂ Te ₃ . <i>Physical Review Materials</i> , 2020 , 4,	3.2	7
361	Relaxation dynamics of the optically driven nonequilibrium states in the electron- and hole-doped topological-insulator materials (Bi _{1-x} Sbx) ₂ Te ₃ . <i>Physical Review Materials</i> , 2020 , 4,	3.2	1
360	Acoustic plasmonics of Au grating/Bi ₂ Se ₃ thin film/sapphire hybrid structures. <i>Chinese Physics B</i> , 2020 , 29, 067801	1.2	

359	Observation of inverted band structure in the topological Dirac semimetal candidate CaAuAs. <i>Physical Review B</i> , 2020 , 102,	3.3	2
358	Photodetection Using Atomically Precise Graphene Nanoribbons. <i>ACS Applied Nano Materials</i> , 2020 , 3, 8343-8351	5.6	6
357	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	11.5	3
356	Enhancement of spin signals by thermal annealing in silicon-based lateral spin valves. <i>AIP Advances</i> , 2020 , 10, 095021	1.5	2
355	Uniaxial-strain control of nematic superconductivity in SrBiSe. <i>Nature Communications</i> , 2020 , 11, 4152	17.4	10
354	Evidence for bulk nodal loops and universality of Dirac-node arc surface states in ZrGeXc (Xc=S, Se, Te). <i>Physical Review B</i> , 2019 , 99,	3.3	8
353	Large positive magnetoconductivity at microwave frequencies in the compensated topological insulator BiSbTeSe ₂ . <i>Physical Review B</i> , 2019 , 99,	3.3	2
352	Nanomosaic of Topological Dirac States on the Surface of PbBiSe Observed by Nano-ARPES. <i>Nano Letters</i> , 2019 , 19, 3737-3742	11.5	4
351	Large-area enhancement of far-field fluorescence intensity using planar nanostructures. <i>APL Photonics</i> , 2019 , 4, 076101	5.2	5
350	Phonon mode calculations and Raman spectroscopy of the bulk-insulating topological insulator BiSbTeSe ₂ . <i>Physical Review Materials</i> , 2019 , 3,	3.2	7
349	Observation of Chiral Fermions with a Large Topological Charge and Associated Fermi-Arc Surface States in CoSi. <i>Physical Review Letters</i> , 2019 , 122, 076402	7.4	109
348	Monolayer MoS field effect transistor with low Schottky barrier height with ferromagnetic metal contacts. <i>Scientific Reports</i> , 2019 , 9, 17032	4.9	6
347	Topological interface states in the natural heterostructure (PbSe) ₅ (Bi ₂ Se ₃) ₆ with BiPb defects. <i>Physical Review B</i> , 2018 , 97,	3.3	6
346	Enhanced light-matter interaction of aligned armchair graphene nanoribbons using arrays of plasmonic nanoantennas. <i>2D Materials</i> , 2018 , 5, 045006	5.9	10
345	Anomalous Fraunhofer Patterns in Gated Josephson Junctions Based on the Bulk-Insulating Topological Insulator BiSbTeSe. <i>Nano Letters</i> , 2018 , 18, 5124-5131	11.5	25
344	Scanning tunneling spectroscopy investigations of superconducting-doped topological insulators: Experimental pitfalls and results. <i>Physical Review B</i> , 2018 , 98,	3.3	2
343	Direct Visualization of the Nematic Superconductivity in Cu _x Bi ₂ Se ₃ . <i>Physical Review X</i> , 2018 , 8,	9.1	26
342	Nematic superconductivity in Cu _{1.5} (PbSe) ₅ (Bi ₂ Se ₃) ₆ . <i>Physical Review B</i> , 2018 , 98,	3.3	10

341	Observation of band crossings protected by nonsymmorphic symmetry in the layered ternary telluride Ta ₃ SiTe ₆ . <i>Physical Review B</i> , 2018 , 98,	3-3	13
340	Spin-orbit coupling induced by bismuth doping in silicon thin films. <i>Applied Physics Letters</i> , 2018 , 113, 122408	3-4	4
339	Observation of Dirac-like energy band and unusual spectral line shape in quasi-one-dimensional superconductor Tl ₂ Mo ₆ Se ₆ . <i>Physical Review B</i> , 2018 , 98,	3-3	2
338	Observation of Room-Temperature Photoluminescence Blinking in Armchair-Edge Graphene Nanoribbons. <i>Nano Letters</i> , 2018 , 18, 7038-7044	11.5	7
337	Topological superconductors: a review. <i>Reports on Progress in Physics</i> , 2017 , 80, 076501	14.4	590
336	Thermal conductivity of ferrimagnet GdBaMn ₂ O _{5.0} single crystals. <i>AIP Advances</i> , 2017 , 7, 055807	1.5	
335	Surface state of the dual topological insulator Bi _{0.91} Sb _{0.09} (112̄). <i>Physica B: Condensed Matter</i> , 2017 , 516, 100-104	2.8	1
334	Gigantic negative magnetoresistance in the bulk of a disordered topological insulator. <i>Nature Communications</i> , 2017 , 8, 15545	17.4	48
333	Majorana qubits in a topological insulator nanoribbon architecture. <i>Physical Review B</i> , 2017 , 95,	3-3	31
332	Spin-singlet superconductivity in the doped topological crystalline insulator Sn _{0.96} In _{0.04} Te. <i>Physical Review B</i> , 2017 , 96,	3-3	7
331	Charge puddles in the bulk and on the surface of the topological insulator BiSbTeSe ₂ studied by scanning tunneling microscopy and optical spectroscopy. <i>Physical Review B</i> , 2017 , 96,	3-3	21
330	Thermodynamic evidence for nematic superconductivity in CuxBi ₂ Se ₃ . <i>Nature Physics</i> , 2017 , 13, 123-126	16.2	163
329	Planar Hall effect from the surface of topological insulators. <i>Nature Communications</i> , 2017 , 8, 1340	17.4	76
328	Coexistence of a pseudogap and a superconducting gap for the high-T _c superconductor La _{2-x} Sr _x CuO ₄ studied by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2016 , 93,	3-3	15
327	Metal-insulator transition and tunable Dirac-cone surface state in the topological insulator TlBi _{1-x} SbxTe ₂ studied by angle-resolved photoemission. <i>Physical Review B</i> , 2016 , 93,	3-3	7
326	Fermiology of possible topological superconductor Tl _{0.5} Bi ₂ Te ₃ derived from hole-doped topological insulator. <i>Physical Review B</i> , 2016 , 93,	3-3	4
325	Gate-Tunable Spin-Charge Conversion and the Role of Spin-Orbit Interaction in Graphene. <i>Physical Review Letters</i> , 2016 , 116, 166102	7-4	53
324	Direct observation of nonequivalent Fermi-arc states of opposite surfaces in the noncentrosymmetric Weyl semimetal NbP. <i>Physical Review B</i> , 2016 , 93,	3-3	78

323	Self-organized charge puddles in a three-dimensional topological material. <i>Physical Review B</i> , 2016 , 93,	3.3	30
322	Spin-rotation symmetry breaking in the superconducting state of $Cu_xBi_2Se_3$. <i>Nature Physics</i> , 2016 , 12, 852-854	16.2	191
321	Superconductivity in $Tl_{0.6}Bi_2Te_3$ Derived from a Topological Insulator. <i>Chemistry of Materials</i> , 2016 , 28, 779-784	9.6	55
320	Work function of bulk-insulating topological insulator $Bi_2(Sb_xTe_3)_ySe_y$. <i>Applied Physics Letters</i> , 2016 , 109, 091601	3.4	23
319	Dirac-node arc in the topological line-node semimetal $HfSiS$. <i>Physical Review B</i> , 2016 , 94,	3.3	100
318	Switching of charge-current-induced spin polarization in the topological insulator $BiSbTeSe_2$. <i>Physical Review B</i> , 2016 , 94,	3.3	43
317	Universal scaling for the spin-electricity conversion on surface states of topological insulators. <i>Physical Review B</i> , 2016 , 94,	3.3	13
316	Ultrafast carrier relaxation through Auger recombination in the topological insulator $Bi_{1.5}Sb_{0.5}Te_{1.7}Se_{1.3}$. <i>Physical Review B</i> , 2015 , 91,	3.3	18
315	Topological proximity effect in a topological insulator hybrid. <i>Nature Communications</i> , 2015 , 6, 6547	17.4	36
314	Long-range two-dimensional superstructure in the superconducting electron-doped cuprate $Pr_{0.88}LaCe_{0.12}CuO_4$. <i>Physical Review B</i> , 2015 , 92,	3.3	3
313	Dual-gated topological insulator thin-film device for efficient Fermi-level tuning. <i>ACS Nano</i> , 2015 , 9, 4050-4057	10.6	28
312	Large linear magnetoresistance in the Dirac semimetal $TlBiSSe$. <i>Physical Review B</i> , 2015 , 91,	3.3	109
311	$Pb_5Bi_{24}Se_{41}$: A new member of the homologous series forming topological insulator heterostructures. <i>Journal of Solid State Chemistry</i> , 2015 , 221, 196-201	3.3	15
310	Spin-polarized quantum well states on $Bi_2(Sb_xFe_xSe_3)$. <i>Physical Review B</i> , 2015 , 91,	3.3	12
309	Infrared probe of the bulk insulating response in $Bi_2(Sb_xTe_3)_ySe_y$ topological insulator alloys. <i>Physical Review B</i> , 2015 , 91,	3.3	14
308	Precise determination of two-carrier transport properties in the topological insulator $TlBiSe_2$. <i>Physical Review B</i> , 2015 , 91,	3.3	7
307	Observation of two-dimensional bulk electronic states in the superconducting topological insulator heterostructure $Cu_x(PbSe)_5(Bi_2Se_3)_6$: Implications for unconventional superconductivity. <i>Physical Review B</i> , 2015 , 92,	3.3	14
306	Ferromagnetism in Cr-doped topological insulator $TlSbTe_2$. <i>APL Materials</i> , 2015 , 3, 083302	5.7	13

305	Superconducting Sn _{1-x} In _x Te Nanoplates. <i>Crystal Growth and Design</i> , 2015 , 15, 2748-2752	3.5	11
304	Scanning tunneling spectroscopy study of quasiparticle interference on the dual topological insulator Bi _{1-x} Sb _x . <i>Physical Review B</i> , 2015 , 91,	3.3	6
303	Topological Crystalline Insulators and Topological Superconductors: From Concepts to Materials. <i>Annual Review of Condensed Matter Physics</i> , 2015 , 6, 361-381	19.7	417
302	Spin-electricity conversion induced by spin injection into topological insulators. <i>Physical Review Letters</i> , 2014 , 113, 196601	7.4	228
301	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). <i>Nano Letters</i> , 2014 , 14, 6226-30	11.5	121
300	Relationship between Fermi surface warping and out-of-plane spin polarization in topological insulators: A view from spin- and angle-resolved photoemission. <i>Physical Review B</i> , 2014 , 89,	3.3	42
299	Doping-dependent charge dynamics in CuxBi2Se3. <i>Physical Review B</i> , 2014 , 90,	3.3	14
298	Top gating of epitaxial (Bi _{1-x} Sb _x) ₂ Te ₃ topological insulator thin films. <i>Applied Physics Letters</i> , 2014 , 104, 161614	3.4	30
297	Superconductor derived from a topological insulator heterostructure. <i>Physical Review B</i> , 2014 , 90,	3.3	37
296	Topological surface transport in epitaxial SnTe thin films grown on Bi ₂ Te ₃ . <i>Physical Review B</i> , 2014 , 89,	3.3	90
295	Infrared pseudogap in cuprate and pnictide high-temperature superconductors. <i>Physical Review B</i> , 2014 , 90,	3.3	19
294	Robust protection from backscattering in the topological insulator Bi _{1.5} Sb _{0.5} Te _{1.7} Se _{1.3} . <i>Physical Review Letters</i> , 2014 , 112, 136802	7.4	40
293	Optical Properties of the CuO Plane in the Bi ₂ Sr _{2-x} La _x CuO ₆ Family. <i>Journal of Superconductivity and Novel Magnetism</i> , 2013 , 26, 969-977	1.5	
292	Room-temperature sign reversed spin accumulation signals in silicon-based devices using an atomically smooth Fe ₃ Si/Si(111) contact. <i>Journal of Applied Physics</i> , 2013 , 113, 013916	2.5	13
291	Unusual nature of fully gapped superconductivity in In-doped SnTe. <i>Physical Review B</i> , 2013 , 88,	3.3	82
290	Two types of Dirac-cone surface states on the (111) surface of the topological crystalline insulator SnTe. <i>Physical Review B</i> , 2013 , 88,	3.3	76
289	Tunability of the k-space location of the Dirac cones in the topological crystalline insulator Pb _{1-x} Sn _x Te. <i>Physical Review B</i> , 2013 , 87,	3.3	119
288	Room-temperature detection of spin accumulation in silicon across Schottky tunnel barriers using a metal-oxide-semiconductor field effect transistor structure (invited). <i>Journal of Applied Physics</i> , 2013 , 113, 17C501	2.5	19

287	Fermiology of the strongly spin-orbit coupled superconductor Sn(1-x)In(x)Te: implications for topological superconductivity. <i>Physical Review Letters</i> , 2013 , 110, 206804	7.4	65
286	Checkerboard to stripe charge ordering transition in TbBaFe2O5. <i>Physical Review B</i> , 2013 , 87,	3.3	4
285	Topological Insulator Materials. <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 102001	1.5	1072
284	Anomalous dressing of Dirac fermions in the topological surface state of Bi2Se3, Bi2Te3, and Cu-doped Bi2Se3. <i>Physical Review Letters</i> , 2013 , 110, 217601	7.4	60
283	Anomalous metallic state above the upper critical field of the conventional three-dimensional superconductor AgSnSe2 with strong intrinsic disorder. <i>Physical Review B</i> , 2013 , 87,	3.3	18
282	Experimental studies of the topological superconductor CuxBi2Se3. <i>Journal of Physics: Conference Series</i> , 2013 , 449, 012033	0.3	4
281	Study of the Dispersion Relations of the Coupled Phonon-Damped Plasmon Mode in n-GaAs by Light Scattering. <i>Progress of Theoretical Physics Supplement</i> , 2013 , 57, 115-124		
280	Odd-parity pairing and topological superconductivity in a strongly spin-orbit coupled semiconductor. <i>Physical Review Letters</i> , 2012 , 109, 217004	7.4	152
279	Spin polarization of gapped Dirac surface states near the topological phase transition in TlBi(S(1-x)Se(x))2. <i>Physical Review Letters</i> , 2012 , 109, 186804	7.4	38
278	Effect of the magnetic domain structure in the ferromagnetic contact on spin accumulation in silicon. <i>Applied Physics Letters</i> , 2012 , 101, 232404	3.4	6
277	Manipulation of topological states and the bulk band gap using natural heterostructures of a topological insulator. <i>Physical Review Letters</i> , 2012 , 109, 236804	7.4	72
276	Fermi level tuning and a large activation gap achieved in the topological insulator Bi2Te2Se by Sn doping. <i>Physical Review B</i> , 2012 , 85,	3.3	106
275	Manifestation of topological protection in transport properties of epitaxial Bi2Se3 thin films. <i>Physical Review Letters</i> , 2012 , 109, 066803	7.4	297
274	Achieving surface quantum oscillations in topological insulator thin films of BiSe. <i>Advanced Materials</i> , 2012 , 24, 5581-5	2.4	71
273	Tunable Dirac cone in the topological insulator Bi(2-x)Sb(x)Te(3-y)Se(y). <i>Nature Communications</i> , 2012 , 3, 636	17.4	261
272	Experimental realization of a topological crystalline insulator in SnTe. <i>Nature Physics</i> , 2012 , 8, 800-803	16.2	661
271	Spin accumulation created electrically in an n-type germanium channel using Schottky tunnel contacts. <i>Journal of Applied Physics</i> , 2012 , 111, 07C503	2.5	58
270	Landau level spectroscopy of surface states in the topological insulator Bi0.91Sb0.09 via magneto-optics. <i>Physical Review B</i> , 2012 , 85,	3.3	49

269	Electrical manipulation of spin polarization and generation of giant spin current using multi terminal spin injectors. <i>Journal of Applied Physics</i> , 2012 , 111, 07C505	2.5	6
268	Topological surface states in lead-based ternary telluride $\text{Pb}(\text{Bi}(1-x)\text{Sb}(x))_2\text{Te}_4$. <i>Physical Review Letters</i> , 2012 , 108, 116801	7.4	53
267	Temperature evolution of spin accumulation detected electrically in a nondegenerated silicon channel. <i>Physical Review B</i> , 2012 , 85,	3.3	29
266	Ambipolar transport in bulk crystals of a topological insulator by gating with ionic liquid. <i>Physical Review B</i> , 2012 , 86,	3.3	25
265	Structural study of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+x}$ exfoliated nanocrystals. <i>Applied Physics Letters</i> , 2012 , 101, 223106	3.4	4
264	Anomalous suppression of the superfluid density in the $\text{Cu}_x\text{Bi}_2\text{Se}_3$ superconductor upon progressive Cu intercalation. <i>Physical Review B</i> , 2012 , 86,	3.3	26
263	Extracting the dynamical effective interaction and competing order from an analysis of Raman spectra of the high-temperature $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ superconductor. <i>Physical Review B</i> , 2011 , 84,	3.3	23
262	Topological transition in Bi_1-xSb_x studied as a function of Sb doping. <i>Physical Review B</i> , 2011 , 84,	3.3	26
261	Unexpected mass acquisition of Dirac fermions at the quantum phase transition of a topological insulator. <i>Nature Physics</i> , 2011 , 7, 840-844	16.2	189
260	Anisotropies in the optical ac and dc conductivities in lightly doped $\text{La}(2-x)\text{Sr}(x)\text{CuO}_4$: the role of deep and shallow acceptor states. <i>Journal of Physics Condensed Matter</i> , 2011 , 23, 215602	1.8	
259	Electric-field control of spin accumulation signals in silicon at room temperature. <i>Applied Physics Letters</i> , 2011 , 99, 132511	3.4	53
258	Direct measurement of the out-of-plane spin texture in the Dirac-cone surface state of a topological insulator. <i>Physical Review Letters</i> , 2011 , 106, 216803	7.4	158
257	Additional Evidence for the Surface Origin of the Peculiar Angular-Dependent Magnetoresistance Oscillations Discovered in a Topological Insulator Bi_1-xSb_x . <i>Journal of Physics: Conference Series</i> , 2011 , 334, 012012	0.3	2
256	Bias current dependence of spin accumulation signals in a silicon channel detected by a Schottky tunnel contact. <i>Applied Physics Letters</i> , 2011 , 99, 012113	3.4	44
255	Bulk superconducting phase with a full energy gap in the doped topological insulator $\text{Cu}(x)\text{Bi}_2\text{Se}_3$ <i>Physical Review Letters</i> , 2011 , 106, 127004	7.4	260
254	Optimizing $\text{Bi}_2-x\text{Sb}_x\text{Te}_3-y\text{Se}_y$ solid solutions to approach the intrinsic topological insulator regime. <i>Physical Review B</i> , 2011 , 84,	3.3	217
253	Synthesis of oxosumanenes through benzylic oxidation. <i>Journal of Organic Chemistry</i> , 2011 , 76, 8049-52	4.2	50
252	Observation of dirac holes and electrons in a topological insulator. <i>Physical Review Letters</i> , 2011 , 107, 016801	7.4	270

251	Doping dependence of the π -shadow band in La-based cuprates studied by angle-resolved photoemission spectroscopy. <i>New Journal of Physics</i> , 2011 , 13, 013031	2.9	17
250	Investigation of particle-hole asymmetry in the cuprates via electronic Raman scattering. <i>Physical Review B</i> , 2011 , 84,	3.3	13
249	Berry phase of nonideal Dirac fermions in topological insulators. <i>Physical Review B</i> , 2011 , 84,	3.3	133
248	Observations of two-dimensional quantum oscillations and ambipolar transport in the topological insulator Bi ₂ Se ₃ achieved by Cd doping. <i>Physical Review B</i> , 2011 , 84,	3.3	71
247	Electronic structure of doped lanthanum cuprates studied with resonant inelastic x-ray scattering. <i>Physical Review B</i> , 2011 , 83,	3.3	8
246	Pair breaking versus symmetry breaking: Origin of the Raman modes in superconducting cuprates. <i>Physical Review B</i> , 2011 , 84,	3.3	17
245	Electrochemical synthesis and superconducting phase diagram of Cu _x Bi ₂ Se ₃ . <i>Physical Review B</i> , 2011 , 84,	3.3	97
244	Polarization-analyzed resonant inelastic x-ray scattering of the orbital excitations in KCuF ₃ . <i>Physical Review B</i> , 2011 , 83,	3.3	23
243	Topological Superconductivity in Cu _x Bi ₂ (2)Se ₃ . <i>Physical Review Letters</i> , 2011 , 107, 217001	7.4	493
242	An extended infrared study of the T_c phase diagram of the p -doped CuO plane. <i>New Journal of Physics</i> , 2011 , 13, 123009	2.9	11
241	Electrical Transport Properties of Topological Insulators. <i>Hyomen Kagaku</i> , 2011 , 32, 189-195		
240	Zero-doping state and electron-hole asymmetry in an ambipolar cuprate. <i>Nature Physics</i> , 2010 , 6, 579-583	6.2	20
239	Spin-polarized surface bands of a three-dimensional topological insulator studied by high-resolution spin- and angle-resolved photoemission spectroscopy. <i>New Journal of Physics</i> , 2010 , 12, 065011	2.9	10
238	High-temperature optical spectral weight and fermi-liquid renormalization in bi-based cuprate superconductors. <i>Physical Review Letters</i> , 2010 , 105, 077002	7.4	18
237	Stability of exfoliated Bi ₂ Sr ₂ Dy _x Ca _{1-x} Cu ₂ O _{8+x} studied by Raman microscopy. <i>Physical Review B</i> , 2010 , 82,	3.3	32
236	Effect of atomically controlled interfaces on Fermi-level pinning at metal/Ge interfaces. <i>Applied Physics Letters</i> , 2010 , 96, 162104	3.4	64
235	Spin-orbit coupling and anomalous angular-dependent magnetoresistance in the quantum transport regime of PbS. <i>Physical Review B</i> , 2010 , 81,	3.3	6
234	Direct mapping of the spin-filtered surface bands of a three-dimensional quantum spin Hall insulator. <i>Physical Review B</i> , 2010 , 81,	3.3	141

233	Angular-dependent oscillations of the magnetoresistance in Bi ₂ Se ₃ due to the three-dimensional bulk Fermi surface. <i>Physical Review B</i> , 2010 , 81,	3-3	170
232	Possibility of magnetic-field-induced reconstruction of the Fermi surface in underdoped cuprates: Constraints from infrared magneto-optics. <i>Physical Review B</i> , 2010 , 81,	3-3	7
231	Towards a two-dimensional superconducting state of La _{2-x} Sr _x CuO ₄ in a moderate external magnetic field. <i>Physical Review Letters</i> , 2010 , 104, 157002	7-4	39
230	Breakdown of the universal Josephson relation in spin-ordered cuprate superconductors. <i>Physical Review B</i> , 2010 , 82,	3-3	14
229	High-quality epitaxial CoFe/Si(111) heterostructures fabricated by low-temperature molecular beam epitaxy. <i>Applied Physics Letters</i> , 2010 , 97, 192501	3-4	27
228	Large bulk resistivity and surface quantum oscillations in the topological insulator Bi ₂ Te ₂ Se. <i>Physical Review B</i> , 2010 , 82,	3-3	527
227	Chemical potential jump between the hole-doped and electron-doped sides of ambipolar high-T _c cuprate superconductors. <i>Physical Review B</i> , 2010 , 82,	3-3	15
226	Diamagnetism and Cooper pairing above T _c in cuprates. <i>Physical Review B</i> , 2010 , 81,	3-3	210
225	Direct evidence for the dirac-cone topological surface states in the ternary chalcogenide TlBiSe ₂ <i>Physical Review Letters</i> , 2010 , 105, 136802	7-4	177
224	Oscillatory angular dependence of the magnetoresistance in a topological insulator Bi _{1-x} Sb _x . <i>Physical Review B</i> , 2010 , 82,	3-3	68
223	An electron-boson glue function derived from electronic Raman scattering. <i>Journal of Physics Condensed Matter</i> , 2010 , 22, 375702	1-8	13
222	Homogeneous dispersion of gallium nitride nanoparticles in a boron nitride matrix by nitridation with urea. <i>Journal of Nanoscience and Nanotechnology</i> , 2010 , 10, 4312-6	1-3	
221	Peculiar Physical Properties of Copper-Oxide High-Temperature Superconductors—Clues for Elucidating the Superconductivity Mechanism—. <i>Materia Japan</i> , 2010 , 49, 7-12	0-1	
220	Electron interactions and charge ordering in CuO ₂ compounds. <i>European Physical Journal: Special Topics</i> , 2010 , 188, 131-152	2-3	31
219	Quantitative comparison of single- and two-particle properties in the cuprates. <i>European Physical Journal: Special Topics</i> , 2010 , 188, 163-171	2-3	13
218	Universal critical behavior in single crystals and films of YBa ₂ Cu ₃ O _{7-x} <i>Physical Review B</i> , 2009 , 80,	3-3	10
217	Quantum oscillations in a topological insulator Bi _{1-x} Sb _x . <i>Physical Review B</i> , 2009 , 80,	3-3	150
216	Zn-impurity effects on quasiparticle scattering in La _{2-x} Sr _x CuO ₄ studied by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2009 , 80,	3-3	7

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