

Ian Fisher

List of Publications by Year in descending order

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269
papers

21,088
citations

10986

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272
all docs

272
docs citations

272
times ranked

13208
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron pnictides and chalcogenides: a new paradigm for superconductivity. Nature, 2022, 601, 35-44.	27.8	98
2	Coherent Modulation of Quasiparticle Scattering Rates in a Photoexcited Charge-Density-Wave System. Physical Review Letters, 2022, 128, 026406.	7.8	5
3	Comparison of temperature and doping dependence of elastoresistivity near a putative nematic quantum critical point. Nature Communications, 2022, 13, 1011.	12.8	3
4	Observation of the non-linear Meissner effect. Nature Communications, 2022, 13, 1201.	12.8	1
5	Crystal-field excitations and quadrupolar fluctuations of 4f-electron systems studied by polarized light scattering. Journal of Physics: Conference Series, 2022, 2164, 012054.	0.4	1
6	Evidence for Realignment of the Charge Density Wave State in ErTe and ErTe under Uniaxial Stress via. Physical Review X, 2022, 12, .	8.9	6
7	Second order Zeeman interaction and ferroquadrupolar order in TmVO_4 . Npj Quantum Materials, 2022, 7, .	5.2	7
8	Field-tuned ferroquadrupolar quantum phase transition in the insulator TmVO_4 . Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	7
9	Ultrafast formation of domain walls of a charge density wave in SmTe . Physical Review B, 2021, 103, .	3.2	16
10	Anisotropic quasiparticle coherence in nematic BaFe_2As_2 studied with strain-dependent ARPES. Physical Review B, 2021, 103, .	3.2	16
11	Proposal for methods to measure the octupole susceptibility in certain cubic Pr compounds. Physical Review B, 2021, 103, .	3.2	6
12	Signatures of two-dimensional superconductivity emerging within a three-dimensional host superconductor. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2017810118.	7.1	14
13	Nonequilibrium charge-density-wave order beyond the thermal limit. Nature Communications, 2021, 12, 2499.	12.8	33
14	Nematic quantum criticality in an Fe-based superconductor revealed by strain-tuning. Science, 2021, 372, 973-977.	12.6	22
15	Anderson localization of electron states in a quasicrystal. Physical Review B, 2021, 103, .	3.2	9
16	Elastocaloric signature of nematic fluctuations. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2105911118.	7.1	12
17	Role of Equilibrium Fluctuations in Light-Induced Order. Physical Review Letters, 2021, 127, 227401.	7.8	16
18	Anisotropic nematic fluctuations above the ferroquadrupolar transition in TmVO_4 . Physical Review B, 2021, 104, .	3.2	7

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19	Expanding the momentum field of view in angle-resolved photoemission systems with hemispherical analyzers. Review of Scientific Instruments, 2021, 92, 123907.	1.3	4
20	Anomalous thermal transport and strong violation of Wiedemann-Franz law in the critical regime of a charge density wave transition. Physical Review B, 2021, 104, .	3.2	2
21	Light-induced charge density wave in LaTe3. Nature Physics, 2020, 16, 159-163.	16.7	157
22	Anisotropic Superconducting Gap in Optimally Doped Iron-Based Material. Journal of Superconductivity and Novel Magnetism, 2020, 33, 2313-2318.	1.8	2
23	Magnetic breakdown and charge density wave formation: A quantum oscillation study of the rare-earth tritellurides. Physical Review B, 2020, 102, .	3.2	8
24	Frequency-dependent sensitivity of AC elastocaloric effect measurements explored through analytical and numerical models. Review of Scientific Instruments, 2020, 91, 083905.	1.3	3
25	Interplay of charge density wave states and strain at the surface of CeTe . Physical Review B, 2020, 101, .	3.2	10
26	Nematic transitions in iron pnictide superconductors imaged with a quantum gas. Nature Physics, 2020, 16, 514-519.	16.7	12
27	High resolution time- and angle-resolved photoemission spectroscopy with 11 eV laser pulses. Review of Scientific Instruments, 2020, 91, 043102.	1.3	32
28	Low work function in the 122-family of iron-based superconductors. Physical Review Materials, 2020, 4, .	2.4	6
29	Robust superconductivity intertwined with charge density wave and disorder in Pd-intercalated ErTe . Physical Review Research, 2020, 2, .	3.6	10
30	10.1063/1.5139556.1. , 2020, , .		0
31	Charge Kondo Effect Induced by Valence Skipping Dopants in $\text{Pb}_{1-x}\text{Tl}_x\text{Te}$ and $\text{Pb}_{1-x}\text{Na}_x\text{Te}$ Probed by ^{125}Te -NMR. , 2020, , .		0
32	Momentum Dependence of the Nematic Order Parameter in Iron-Based Superconductors. Physical Review Letters, 2019, 123, 066402.	7.8	41
33	AC elastocaloric effect as a probe for thermodynamic signatures of continuous phase transitions. Review of Scientific Instruments, 2019, 90, 083902.	1.3	18
34	Imaging anisotropic vortex dynamics in FeSe. Physical Review B, 2019, 100, .	3.2	15
35	Phase transition preceding magnetic long-range order in the double perovskite $\text{Ba}_{2-x}\text{Mn}_{2x}\text{Ti}_{2-2x}\text{O}_{10}$. Physical Review B, 2019, 100, .		
36	Dynamical Slowing-Down in an Ultrafast Photoinduced Phase Transition. Physical Review Letters, 2019, 123, 097601.	7.8	50

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37	Combining time-resolved optical (TOS), electronic (trARPES) and structural (UED) probes on the class of rare earth tritellurides RTe ₃ . EPJ Web of Conferences, 2019, 205, 04009.	0.3	0
38	Growth of nematic susceptibility in the field-induced normal state of an iron-based superconductor revealed by elastoresistivity measurements in a 65ÅT pulsed magnet. Physical Review B, 2019, 100, .	3.2	6
39	Suppression of charge density wave order by disorder in Pd-intercalated ErTe_3 . Physical Review B, 2019, 99, .	3.2	16
40	Lattice dynamics, crystal-field excitations, and quadrupolar fluctuations of YbRu_2Ge_2 . Physical Review B, 2019, 99, .	3.2	1
41	Divergence of the quadrupole-strain susceptibility of the electronic nematic system YbRu_2Ge_2 . Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7232-7237.	7.1	33
42	Electronic structure of the quadrupolar ordered heavy-fermion compound YbRu_2Ge_2 measured by angle-resolved photoemission. Physical Review B, 2019, 99, .	3.2	3
43	Elastoresistive and elastocaloric anomalies at magnetic and electronic-nematic critical points. Physical Review B, 2019, 99, .	3.2	5
44	Coherent order parameter dynamics in SmTe_3 . Physical Review B, 2019, 99, .	3.2	2
45	Possible scale invariant linear magnetoresistance in pyrochlore iridates $\text{Bi}_2\text{Ir}_2\text{O}_7$. New Journal of Physics, 2019, 21, 113041.	2.9	8
46	Disorder-induced suppression of charge density wave order: STM study of Pd-intercalated ErTe_3 . Physical Review B, 2019, 100, .	3.2	1
47	Sharp increase in the density of states in PbTe upon approaching a saddle point in the band structure. Physical Review B, 2019, 99, .	3.2	1
48	Detailed band structure of twinned and detwinned BaFe_2As_2 studied with angle-resolved photoemission spectroscopy. Physical Review B, 2019, 99, .	3.2	2
49	Evidence for topological defects in a photoinduced phase transition. Nature Physics, 2019, 15, 27-31.	16.7	128
50	¹²⁵ Te-NMR Study in Novel Superconductor $\text{Pb}_{1-x}\text{Tl}_x\text{Te}$ with Valence Skipping Dopants. Journal of Superconductivity and Novel Magnetism, 2019, 32, 1629-1632.	1.8	2
51	Optical evidence of an enhanced electronic effective mass in the anomalous Pb_{1-x}Te superconductor. Physical Review Materials, 2019, 3, .	3.2	4
52	Evidence of Incoherent Carriers Associated with Resonant Impurity Levels and Their Influence on Superconductivity in the Anomalous Superconductor Pb_{1-x}Te . Physical Review Letters, 2018, 121, 207001.	7.8	12
53	Direct spectroscopic evidence for mixed-valence TI in the low carrier-density superconductor Pb_{1-x}Te . Physical Review B, 2018, 98, .	3.2	14
54	Symmetric and antisymmetric strain as continuous tuning parameters for electronic nematic order. Physical Review B, 2018, 98, .	3.2	28

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55	Measurement of elastoresistivity at finite frequency by amplitude demodulation. Review of Scientific Instruments, 2018, 89, 103901.	1.3	10
56	Competing soft phonon modes at the charge-density-wave transitions in DyTl_2e_3 . Physical Review B, 2018, 98, .	3.2	25
57	Interplay of lattice, electronic, and spin degrees of freedom in detwinned BaFe_2As_2 : A Raman scattering study. Physical Review B, 2018, 98, .	3.2	15
58	Anomalous ^{125}Te Nuclear Spin Relaxation Coincident with Charge Kondo Behavior in Superconducting $\text{Pb}_{1-x}\text{Tl}_x\text{Te}$. Journal of the Physical Society of Japan, 2018, 87, 023706.	1.6	7
59	Nature of lattice distortions in the cubic double perovskite $\text{Ba}_2\text{KFeAs}_2$. Physical Review B, 2018, 97, .	3.2	10
60	Superconductivity and fluctuations in $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$ and $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$. Physica Status Solidi (B): Basic Research, 2017, 254, 1600308.	1.5	9
61	Magnetism and local symmetry breaking in a Mott insulator with strong spin orbit interactions. Nature Communications, 2017, 8, 14407.	12.8	58
62	Determination of the resistivity anisotropy of orthorhombic materials via transverse resistivity measurements. Review of Scientific Instruments, 2017, 88, 043901.	1.3	19
63	HfSe_2 and ZrSe_2 : Two-dimensional semiconductors with native high- \hat{p} oxides. Science Advances, 2017, 3, e1700481.	10.3	197
64	Anomalous relaxation kinetics and charge-density-wave correlations in underdoped $\text{BaPb}_{1-x}\text{Bi}_x\text{O}_3$. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 9020-9025.	7.1	14
65	Critical divergence of the symmetric T_j ETQq_1 $1.0784314 \text{ rgBT} / \text{Overlock } 10 \text{ Tf } 50 \text{ 352 Td}$ (xmlns:mml="http://www.w3.org/1998/Math/MathML") Physical Review B, 2017, 96, .	3.2	20
66	Transverse fields to tune an Ising-nematic quantum phase transition. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 13430-13434.	7.1	24
67	Atomically-thin HfSe_2 transistors with native metal oxides. , 2016, , .		2
68	Scaling of the Stress and Temperature Dependence of the Optical Anisotropy in $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$. Journal of Superconductivity and Novel Magnetism, 2016, 29, 3053-3057.	1.8	1
69	Ubiquitous signatures of nematic quantum criticality in optimally doped Fe-based superconductors. Science, 2016, 352, 958-962.	12.6	239
70	Fermi surface evolution of Na-doped PbTe studied through density functional theory calculations and Shubnikov-de Haas measurements. Physical Review B, 2016, 94, .	3.2	14
71	High Current Density and Low Thermal Conductivity of Atomically Thin Semimetallic WTe_2 . ACS Nano, 2016, 10, 7507-7514.	14.6	100
72	Ultrafast resonant soft x-ray diffraction dynamics of the charge density wave in TbTe_3 . Physical Review B, 2016, 93, .	3.2	27

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73	Electrodynamical response in the electronic nematic phase of BaFe_2As_2 Physical Review B, 2016, 93, .		
74	NMR Evidence for Inhomogeneous Nematic Fluctuations in BaFe_2As_2		

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91	Field-induced spin density wave and spiral phases in a layered antiferromagnet. Physical Review B, 2015, 92, .	3.2	1
92	Monotonic Doping-Dependence in the Anisotropy of the Drude Weight and Scattering Rate of Detwinned $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$ Established from the Optical Conductivity. Journal of Superconductivity and Novel Magnetism, 2015, 28, 1261-1266.	1.8	1
93	Stripe-like nanoscale structural phase separation in superconducting $\text{BaPb}_{1-x}\text{Bi}_x\text{O}_3$. Nature Communications, 2015, 6, 8231.	12.8	44
94	Coherent dynamics of the charge density wave gap in tritellurides. Faraday Discussions, 2014, 171, 299-310.	3.2	19
95	Disorder Driven Metal-Insulator Transition in $\text{BaPb}_{1-x}\text{Bi}_x\text{O}_3$. Physical Review Letters, 2014, 112, 157001.	7.8	103
96	Distinguishing Bulk and Surface Electron-Phonon Coupling in the Topological Insulator Bi_2Se_3 by Time-Resolved Photoemission Spectroscopy. Physical Review Letters, 2014, 113, 157401.	7.8	103
97	Nematic-driven anisotropic electronic properties of underdoped detwinned $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$. Physical Review B, 2014, 90, .	3.2	22
98	Hysteretic behavior in the optical response of the underdoped Fe-arsenide $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$ in the electronic nematic phase. Physical Review B, 2014, 89, .	3.2	22
99	Dynamic competition between spin-density wave order and superconductivity in underdoped $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$. Nature Communications, 2014, 5, 3711.	12.8	38
100	Transport near a quantum critical point in $\text{BaFe}_2(\text{As}_{1-x}\text{Px})_2$. Nature Physics, 2014, 10, 194-197.	16.7	100
101	Bandgap closure and reopening in CsAuFe_3 at high pressure. Physical Review B, 2014, 89, .	3.2	14
102	Ultrafast electron dynamics in the topological insulator Bi_2Se_3 studied by time-resolved photoemission spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2014, 195, 249-257.	1.7	66
103	Effect of Disorder on the Resistivity Anisotropy Near the Electronic Nematic Phase Transition in Pure and Electron-Doped $\text{BaFe}_{1-x}\text{Co}_x\text{O}_3$. Physical Review Letters, 2014, 112, 227001.	7.8	55
104	Spectrally resolved femtosecond reflectivity relaxation dynamics in undoped spin-density wave 122-structure iron-based pnictides. Physical Review B, 2014, 89, .	3.2	15
105	Dynamics of Photoexcited Carriers in $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$ Single Crystals with Spin-Density-Wave Ordering. Journal of Superconductivity and Novel Magnetism, 2013, 26, 2593-2596.	1.8	0
106	Distribution of Optical Spectral Weight in Detwinned $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$. Journal of Superconductivity and Novel Magnetism, 2013, 26, 2603-2606.	1.8	1
107	Inhomogeneous Superconductivity in $\text{BaPb}_{1-x}\text{Bi}_x\text{O}_3$. Journal of Superconductivity and Novel Magnetism, 2013, 26, 2675-2678.	1.8	10
108	Vortex structure in $\text{BaFe}_2(\text{As}_{1-x}\text{Px})_2$ single crystals. JETP Letters, 2013, 96, 655-658.	1.4	3

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109	Observation of Temperature-induced Crossover to an Orbital-Selective Mott Phase in $A_xC_{1-x}Fe_2As_2$		

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127	Ultrafast Optical Excitation of a Persistent Surface-State Population in the Topological Insulator Bi_2Se_3 . Physical Review Letters, 2012, 108, 117403.	7.8	313
128	Resonant enhancement of charge density wave diffraction in the rare-earth tritellurides. Physical Review B, 2012, 85, .	3.2	11
129	Controlling the carriers of topological insulators by bulk and surface doping. Semiconductor Science and Technology, 2012, 27, 124002.	2.0	41
130	Unconventional Josephson Effect in Hybrid Superconductor-Topological Insulator Devices. Physical Review Letters, 2012, 109, 056803.	7.8	314
131	Divergent Nematic Susceptibility in an Iron Arsenide Superconductor. Science, 2012, 337, 710-712.	12.6	452
132	Magnetoelastically coupled structural, magnetic, and superconducting order parameters in BaFe_2As_2 .		

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145	Persistence of magnons in a site-diluted dimerized frustrated antiferromagnet. Journal of Physics Condensed Matter, 2011, 23, 416003.	1.8	5
146	Heat capacity of the site-diluted spin dimer system Ba ₃ (Mn ^{1-x} V _x) ₂ O ₈ . Physical Review B, 2011, 84, .	3.2	9
147	Possible origin of the nonmonotonic doping dependence of the in-plane resistivity anisotropy of Ba(Fe _{1-x} Co _x) ₂ As ₂ . Physical Review B, 2011, 84, .	3.2	95
148	STM imaging of a bound state along a step on the surface of the topological insulator Bi ₂ Te ₃ . Physical Review B, 2011, 84, .	3.2	36
149	Local measurement of the superfluid density in the pnictide superconductor Ba _{1-x} Fe _x As ₂ . Physical Review B, 2011, 84, .	3.2	10
150	Anharmonic order-parameter oscillations and lattice coupling in strongly driven λ^2 BaMn ₂ TaS ₂ and λ^2 BaMn ₂ As ₂ . Physical Review B, 2011, 84, .	3.2	7
151	Polarized neutron diffraction study of the field-induced magnetization in the normal and superconducting states of Ba(Fe _{1-x} Cox) ₂ As ₂ (x=0.65). Physical Review B, 2011, 84, .	3.2	111
152	Widespread spin polarization effects in photoemission from topological insulators. Physical Review B, 2011, 84, .	3.2	214
153	In-plane electronic anisotropy of underdoped λ^2 Fe-arsenide superconductors revealed by measurements of detwinned single crystals. Reports on Progress in Physics, 2011, 74, 124506.	20.1	464
154	Symmetry-breaking orbital anisotropy observed for detwinned Ba(Fe _{1-x} Co _x) ₂ As ₂ . Physical Review B, 2011, 84, .	7.1	189
155	Coherent dynamics of macroscopic electronic order through a symmetry breaking transition. Nature Physics, 2010, 6, 681-684.	16.7	521
156	Two-dimensional surface state in the quantum limit of a topological insulator. Nature Physics, 2010, 6, 960-964.	16.7	12
157	Correlation of anomalous normal state properties with superconductivity in Pb _{1-x} Sn _x Te. Physical Review B, 2010, 81, .	3.2	23
158	Temperature dependence of the excitation spectrum in the charge-density-wave ErTe ₃ and HoTe ₃ systems. Physical Review B, 2010, 81, .	3.2	42
159	Enhanced Fermi-Surface Nesting in Superconducting Ba _{1-x} Fe _x As ₂ . Physical Review B, 2010, 81, .	3.2	72
160	Raman scattering evidence for a cascade evolution of the charge-density-wave collective amplitude mode. Physical Review B, 2010, 81, .	3.2	72
161	In-plane electronic anisotropy in underdoped Ba _{1-x} Fe _x As ₂ . Physical Review B, 2010, 81, .	3.2	72
162	In-plane electronic anisotropy in underdoped Ba _{1-x} Fe _x As ₂ . Physical Review B, 2010, 81, .	3.2	72

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163	Fermi surface evolution across multiple charge density wave transitions in ErTe . Physical Review B, 2010, 81, .	3.2	73
164	Pinpointing gap minima in BaFe_2As_2 . Physical Review B, 2010, 82, .	3.2	53
165	Stripes of increased diamagnetic susceptibility in underdoped superconducting BaFe_2As_2 . Physical Review B, 2010, 81, .	3.2	65
166	Anisotropic phase diagram of the frustrated spin dimer compound BaFe_2As_2 . Physical Review B, 2010, 81, .	3.2	16
167	Microwave surface impedance measurements of $\text{TlxBi}_{1-x}\text{Te}$: A proposed negative-U-induced superconductor. Physical Review B, 2010, 81, .	3.2	5
168	Charge dynamics of Co-doped BaFe_2As_2 . New Journal of Physics, 2010, 12, 073036.	2.9	78
169	Bulk electronic structure of optimally doped BaFe_2As_2 . Physical Review B, 2010, 81, .	3.2	29
170	Bulk Fermi surface coexistence with Dirac surface state in Bi_2Te_3 . A comparison of photoemission and Shubnikov-de Haas measurements. Physical Review B, 2010, 81, .	3.2	425
171	Massive Dirac Fermion on the Surface of a Magnetically Doped Topological Insulator. Science, 2010, 329, 659-662.	12.6	1,051
172	Single Dirac Cone Topological Surface State and Unusual Thermoelectric Property of Compounds from a New Topological Insulator Family. Physical Review Letters, 2010, 105, 266401.	7.8	195
173	STM imaging of Electronic Waves on the Surface of Topologically Protected Surface States and Hexagonal Warping Effects. Physical Review Letters, 2010, 104, 096401.	7.8	164
174	Local measurement of the penetration depth in the pnictide superconductor BaFe_2As_2 . Physical Review B, 2010, 81, .	3.2	82
175	Dispersive spin fluctuations in the nearly optimally doped superconductor BaFe_2As_2 . Physical Review B, 2010, 81, .	3.2	81
176	In-Plane Resistivity Anisotropy in an Underdoped Iron Arsenide Superconductor. Science, 2010, 329, 824-826.	12.6	690
177	Quantum oscillations in the parent pnictide BaFe_2As_2 itinerant electrons in the reconstructed state. Physical Review B, 2009, 80, .	3.2	93
178	Pressure dependence of the single particle excitation in the charge-density-wave CeTe . Physical Review B, 2009, 79, .	3.2	13
179	Evidence for a charge Kondo effect in PbTe measurements of the thermoelectric power. Physical Review B, 2009, 80, .	3.2	24
180	Unconventional electronic reconstruction in undoped BaFe_2As_2 the spin density wave transition. Physical Review B, 2009, 80, .	3.2	134

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181	Band- and momentum-dependent electron dynamics in superconducting BaFe_2As_2 . Physical Review B, 2009, 80, .	3.2	79
182	Electronic structure of the BaFe_2As_2 of iron-pnictide superconductors. Physical Review B, 2009, 80, .	2.2	116
183	Pressure-Induced Superconducting Phase in the Charge-Density-Wave Compound Terbium Tritelluride. Physical Review Letters, 2009, 102, 177002.	7.8	63
184	Fine Structure in the Electronic Density of States near the Fermi Energy of Al-Ni-Co Decagonal Quasicrystal from Ultrafast Time-Resolved Optical Reflectivity. Physical Review Letters, 2009, 102, 086405.	7.8	8
185	High-pressure, transport, and thermodynamic properties of CeTe . Physical Review B, 2009, 79, .	3.2	15
186	Pressure-induced quenching of the charge-density-wave state in rare-earth tritellurides observed by x-ray diffraction. Physical Review B, 2009, 79, .	3.2	30
187	Evidence for a Nodal-Line Superconducting State in LaFePO . Physical Review Letters, 2009, 102, 147001.	7.8	197
188	Topological Change of the Fermi Surface in Ternary Iron Pnictides with Reduced Haas-van Alphen Study of CaFe_2P . Physical Review Letter	7.8	59
189	Evidence for a Nodal Energy Gap in the Iron-Pnictide Superconductor LaFePO from Penetration Depth Measurements by Scanning SQUID Susceptometry. Physical Review Letters, 2009, 103, 127003.	7.8	115
190	Asymmetric Quintuplet Condensation in the Frustrated Spin Dimer Compound BaMn_3O_8 . Physical Review	7.8	37
191	ARPES studies of the electronic structure of LaOFe(P,As) . Physica C: Superconductivity and Its Applications, 2009, 469, 452-458.	1.2	67
192	Charge dynamics of the spin-density-wave state in BaFe_2As_2 . European Physical Journal B, 2009, 67, 513-517.	1.5	23
193	Evidence for weak electronic correlations in iron pnictides. Physical Review B, 2009, 80, .	3.2	176
194	Determination of the phase diagram of the electron-doped superconductor BaFe_2As_2 . Physical Review B, 2009, 79, .	3.2	469
195	Enhanced superconducting pairing interaction in indium-doped tin telluride. Physical Review B, 2009, 79, .	3.2	96
196	Fermi Surface of SrFe_2P Determined by the de Haas-van Alphen Effect. Physical Review Letters, 2009, 103, 076401.	7.8	70
197	Neutron scattering study of the interplay between structure and magnetism in BaFe_2As_2 . Physical Review B, 2009, 79, .	3.2	170
198	Experimental Realization of a Three-Dimensional Topological Insulator, Bi_2Te_3 . Science, 2009, 325, 178-181.	12.6	3,095

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199	Optical properties of the charge-density-wave polychalcogenide compounds R_2Te_5 ($R=Nd, Sm$ and Gd). European Physical Journal B, 2008, 63, 11-16.	1.5	12
200	Electronic structure of the iron-based superconductor $LaOFeP$. Nature, 2008, 455, 81-84.	27.8	279
201	Angle-resolved photoemission study of the evolution of band structure and charge density wave properties in R_2Te_5	3.2	153
202	Magnetic properties of the charge density wave compounds R_2Te_5	3.2	57
203	Fermi Surface of Superconducting $LaFePO$ Determined from Quantum Oscillations. Physical Review Letters, 2008, 101, 216402.	7.8	182
204	Transient Electronic Structure and Melting of a Charge Density Wave in $TbTe_3$. Science, 2008, 321, 1649-1652.	12.6	417
205	Effect of chemical pressure on the charge density wave transition in rare-earth tritellurides R_2Te_5	3.2	163
206	de Haas-van Alphen oscillations in the charge density wave compound lanthanum tritelluride $LaTe_3$	3.2	19
207	Single-Triplet Dispersion Reveals Additional Frustration in the Triangular-Lattice Dimer Compound $BaMn_3O_{10}$	7.8	82
208	Single-Particle and Collective Mode Couplings Associated with 1- and 2-Directional Electronic Ordering in Metallic R_2Te_3	7.8	82
209	Ordered Magnetic Phases of the Frustrated Spin-Dimer Compound $BaMn_3O_{10}$	3.2	38
210	Pressure dependence of the optical properties of the charge-density-wave compound $LaTe_2$	3.2	14
211	Pressure dependence of the optical properties of the charge-density-wave compound $BaMn_3O_{10}$	3.2	31
212	Evidence for coupling between charge density waves and phonons in two-dimensional rare-earth tritellurides. Physical Review B, 2008, 78, .	3.2	43
213	Pressure dependence of the optical properties of the charge-density-wave compound Tj_2Te_5	3.2	14
214	Pressure Dependence of the Charge-Density-Wave Gap in Rare-Earth Tritellurides. Physical Review Letters, 2007, 98, 026401.	7.8	52
215	Reply to "Comment on "Extrinsic origin of the insulating behavior of polygrain icosahedral Al-Pd-Re quasicrystals". Physical Review B, 2007, 76, .	3.2	4
216	Optical properties of the Ce and La ditelluride charge density wave compounds. Physical Review B, 2007, 75, .	3.2	17

#	ARTICLE	IF	CITATIONS
217	Geometric Frustration and Dimensional Reduction at a Quantum Critical Point. <i>Physical Review Letters</i> , 2007, 98, 257201.	7.8	44
218	Nuclear magnetic resonance evidence for a strong modulation of the Bose-Einstein condensate in $\text{BaCuSi}_2\text{O}_6$. <i>Physical Review B</i> , 2007, 76, .	3.2	31
219	STM Studies of $\langle \text{TbTe} \rangle_3$: Evidence for a Fully Incommensurate Charge Density Wave. <i>Physical Review Letters</i> , 2007, 99, 046401.	7.8	60
220	Multiple Magnon Modes and Consequences for the Bose-Einstein Condensed Phase in $\text{BaCuSi}_2\text{O}_6$. <i>Physical Review Letters</i> , 2007, 98, 017202.	7.8	55
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