Neil Harrison

List of Publications by Year
in descending order

163 papers	5,916 citations	66315 42 h-index	85498 71 g-index
166 all docs	166 docs citations	166 times ranked	3957 citing authors

#	Article	IF	Citations
1	Pseudogap in elemental plutonium. Physical Review B, 2022, 105, .	1.1	1
2	Magic Gap Ratio for Optimally Robust Fermionic Condensation and Its Implications for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>High</mml:mi><mml:mtext>â^'</mml:mtext><mml:msub><mml:mrow><mml:mi>T</mml:mi></ Superconductivity. Physical Review Letters, 2022, 129, .	2.9	15
3	Unconventional quantum vortex matter state hosts quantum oscillations in the underdoped high-temperature cuprate superconductors. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	10
4	Proximity to a critical point driven by electronic entropy in URu2Si2. Npj Quantum Materials, 2021, 6, .	1.8	1
5	Field-tunable toroidal moment in a chiral-lattice magnet. Nature Communications, 2021, 12, 5339.	5.8	13
6	Electronically driven collapse of the bulk modulus in Î´ -plutonium. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 4480-4485.	3.3	3
7	Extent of Fermi-surface reconstruction in the high-temperature superconductor HgBa2CuO4+Î´. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9782-9786.	3.3	7
8	Hard antinodal gap revealed by quantum oscillations in the pseudogap regime of underdoped high-Tc superconductors. Nature Physics, 2020, 16, 841-847.	6.5	7
9	Phase stabilization by electronic entropy in plutonium. Nature Communications, 2019, 10, 3159.	5.8	8
10	Emergent bound states and impurity pairs in chemically doped Shastry-Sutherland system. Nature Communications, 2019, 10, 2439.	5.8	12
11	Magnetoelastic coupling in URu2Si2 : Probing multipolar correlations in the hidden order state. Physical Review B, 2019, 99, .	1.1	8
12	Non-saturating quantum magnetization in Weyl semimetal TaAs. Nature Communications, 2019, 10, 1028.	5.8	22
13	Graphite in 90ÂT: Evidence for Strong-Coupling Excitonic Pairing. Physical Review X, 2019, 9, .	2.8	8
14	Field-induced double dome and Bose-Einstein condensation in the crossing quantum spin chain system <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>AgVOAsO</mml:mi><mml:mn>4</mml:mn></mml:msub> Physical Review B, 2019, 100, .	1.1	14
15	Magnetic field-tuned Fermi liquid in a Kondo insulator. Nature Communications, 2019, 10, 5487.	5.8	18
16	Fermi surface in the absence of a Fermi liquid in the Kondo insulator SmB6. Nature Physics, 2018, 14, 166-172.	6.5	81
17	Robustness of the biaxial charge density wave reconstructed electron pocket against short-range spatial antiferromagnetic fluctuations. Physical Review B, 2018, 97, .	1.1	1
18	Highly Asymmetric Nodal Semimetal in Bulk SmB6. Physical Review Letters, 2018, 121, 026602.	2.9	20

#	Article	IF	Citations
19	Metastable states in the frustrated triangular compounds <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ca</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math> and Tricritical point of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>f</mml:mi></mml:math> -electron antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>US</mml:mi><mml:msub><mml:mi mathvariant="normal">b</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> driven by high magnetic fields. Physical Review B, 2017, 95, .	1.1	17
20		1.1	23
21	Reply to â€œComment on â€˜Magnetotransport signatures of a single nodal electron pocket constructed from Fermi arcs'â€‰â€. Physical Review B, 2017, 96, .	1.1	0
22	Role of band filling in tuning the high-field phases of URu2Si2. Physical Review B, 2017, 96, .	1.1	4
23	Emergent magnetic anisotropy in the cubic heavy-fermion metal CeIn3. Npj Quantum Materials, 2017, 2, .	1.8	14
24	Piezomagnetism and magnetoelastic memory in uranium dioxide. Nature Communications, 2017, 8, 99.	5.8	52
25	Magnetic field tuning of an excitonic insulator between the weak and strong coupling regimes in quantum limit graphite. Scientific Reports, 2017, 7, 1733.	1.6	20
26	Tricritical point from high-field magnetoelastic and metamagnetic effects in UN. Scientific Reports, 2017, 7, 6642.	1.6	18
27	Broken rotational symmetry on the Fermi surface of a high-Tc superconductor. Npj Quantum Materials, 2017, 2, .	1.8	12
28	Single reconstructed Fermi surface pocket in an underdoped single-layer cuprate superconductor. Nature Communications, 2016, 7, 12244.	5.8	46
29	Magnetic anisotropy in the frustrated spin-chain compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î²</mml:mi><mml:mo>â€²</mml:mo><mml:msub><mml:mi Physical Review B, 2016, 94, .	1.1	29
30	Number of holes contained within the Fermi surface volume in underdoped high-temperature superconductors. Physical Review B, 2016, 94, .	1.1	6
31	Pulsed field magnetization in rare-earth kagome systems. Journal of Physics Condensed Matter, 2016, 28, 046001.	0.7	2
32	Magnetization of underdopedYBa2Cu3Oyabove the irreversibility field. Physical Review B, 2015, 92, .	1.1	10
33	Magnetotransport signatures of a single nodal electron pocket constructed from Fermi arcs. Physical Review B, 2015, 92, .	1.1	7
34	Zeeman effect of the topological surface states revealed by quantum oscillations up to 91 Tesla. Physical Review B, 2015, 92, .	1.1	11
35	Successive Magnetic-Field-Induced Transitions and Colossal Magnetoelectric Effect in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Ni</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow Physical Review Letters, 2015, 115, 137201.	2.9	58
36	Nodal bilayer-splitting controlled by spin-orbit interactions in underdoped high-Tc cuprates. Scientific Reports, 2015, 5, 10914.	1.6	21

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37	Suppression of antiferromagnetic ordering by magnetic field in Ce_{0.6}La_{0.4}In₃. Journal of Physics: Conference Series, 2015, 592, 012079.	0.3	2
38	Fragile charge order in the nonsuperconducting ground state of the underdoped high-temperature superconductors. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9568-9572.	3.3	13
39	Unconventional Fermi surface in an insulating state. Science, 2015, 349, 287-290.	6.0	229
40	Quasiparticle mass enhancement approaching optimal doping in a high- T _c superconductor. Science, 2015, 348, 317-320.	6.0	159
41	On the relationship between charge ordering and the Fermi arcs observed in underdoped high ${{T}_{{{mbox{c}}}}}$ superconductors. New Journal of Physics, 2014, 16, 063025.	1.2	20
42	Multiferroicity with coexisting isotropic and anisotropic spins in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Ca</mml:mi><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Co</mml:mi><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math><mml:ma<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Mn</mml:mi><mml:msub><mml:mrow />	1.1	17
43	Manifestation of magnetic quantum fluctuations in the dielectric properties of a multiferroic. Nature Communications, 2014, 5, 4419.	5.8	21
44	Normal-state nodal electronic structure in underdoped high-Tc copper oxides. Nature, 2014, 511, 61-64.	13.7	85
45	Magnetic field-tuned localization of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>5</mml:mn><mml:mi>f</mml:mi></mml:mrow></mml:m in URu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Si<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow	1.1	14
46	High-Magnetic-Field Lattice Length Changes in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>URu</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Si</mml:mi><mml:m Physical Review Letters, 2012, 109, 246405.	2.9	17
47	to 92 T and the signature of multiband superconductivity in Ca<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow		

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55	Chemical potential oscillations from nodal Fermi surface pocket in the underdoped high-temperature superconductor YBa2Cu3O6+x. Nature Communications, 2011, 2, 471.	5.8	23
56	RF skin-depth measurement of UIrGe in high magnetic fields. Journal of Physics: Conference Series, 2011, 273, 012154.	0.3	1
57	Near Doping-Independent Pocket Area from an Antinodal Fermi Surface Instability in Underdoped High Temperature Superconductors. Physical Review Letters, 2011, 107, 186408.	2.9	11
58	Fermi surface of CePt2In7: A two-dimensional analog of CeIn3. Physical Review B, 2011, 83, .	1.1	25
59	Protected Nodal Electron Pocket from Multiple-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi mathvariant="bold">Q</mml:mi></mml:math>Ordering in Underdoped High Temperature Superconductors. Physical Review Letters, 2011, 106, 226402.	2.9	82
60	Quantum oscillations in the high- T _c cuprates. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2011, 369, 1687-1711.	1.6	27
61	Evidence for Dirac nodes from quantum oscillations in SrFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>As<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2011, 84, .	1.1	17
62	Two-dimensional spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mfrac><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:math>rectangular Heisenberg antiferromagnets: Simulation and experiment. Physical Review B, 2011, 84, .	1.1	18
63	Metal-insulator quantum critical point beneath the high T _c superconducting dome. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6175-6179.	3.3	126
64	Compensated electron and hole pockets in an underdoped high-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>T</mml:mi><mml:mtext>c</mml:mtext></mml:msub></mml:mrow></mml:math>s Physical Review B, 2010, 81, .	1.1	55
65	Fermi-liquid behavior in an underdoped high-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>T</mml:mi><mml:mtext>c</mml:mtext></mml:msub></mml:mrow></mml:math>s Physical Review B, 2010, 81, .	1.1	37
66	Fermi surface of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Cr</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mr the quantum critical point. Physical Review B, 2010, 82, .	1.1	1
67	Fermi surfaces changes inLa1âˆ'xSmxB6andCe1âˆ'xCaxB6studied using the de Haasâ€“van Alphen effect and magnetic susceptibility. Physical Review B, 2009, 80, .	1.1	1
68	Spin-Order Driven Fermi Surface Reconstruction Revealed by Quantum Oscillations in an Underdoped HighTcSuperconductor. Physical Review Letters, 2009, 103, 256405.	2.9	37
69	Role of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>f</mml:mi></mml:math>Electrons in the Fermi Surface of the Heavy Fermion Superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î²</mml:mi><mml:mtext mathvariant="normal">â€'</mml:mtext><mml:msub><mml:mi>YbAlB</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>.	2.9	29
70	Two-dimensional<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>X</mml:mi><mml:mi>Y</mml:mi></mml:mrow></mml:math>behavior observed in quasi-two-dimensional quantum Heisenberg antiferromagnets. Physical Review B, 2009, 79, .	1.1	48
71	Dirac nodal pockets in the antiferromagnetic parent phase of FeAs superconductors. Physical Review B, 2009, 80, .	1.1	49
72	Heavy holes as a precursor to superconductivity in antiferromagnetic CeIn ₃. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7741-7744.	3.3	40

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73	Determining the in-plane Fermi surface topology in highTcsuperconductors using angle-dependent magnetic quantum oscillations. Journal of Physics Condensed Matter, 2009, 21, 192201.	0.7	4
74	Comment on â€œField dependence of the quantum ground state in the Shastry-Sutherland system SrCu 2 (BO 3) 2 â€•by Levy F. et al.. Europhysics Letters, 2009, 85, 67007.	0.7	0
75	Quantum oscillations in antiferromagnetic CaFe₂As₂on the brink of superconductivity. Journal of Physics Condensed Matter, 2009, 21, 322202.	0.7	16
76	Observation of a multiferroic critical end point. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15573-15576.	3.3	47
77	Spin-Density Wave Fermi Surface Reconstruction in Underdoped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>YBa</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Cu</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">O</mml:mi><mml:mrow><mml:mn>6</mml:mn><mml:mo>+</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>. Physical Review Letters, 2009, 102, 206405.	7.6	82
78	Exact mapping of the dx2â^'y2Cooper-pair wavefunction onto the spin fluctuations in cuprates: the Fermi surface as a driver for â€˜highTcâ€™ superconductivity. Journal of Physics Condensed Matter, 2009, 21, 012201.	0.7	4
79	Hall effect signatures of electronic structure change near a field induced quantum critical point in. Physica B: Condensed Matter, 2008, 403, 721-725.	1.3	1
80	How do holes get heavy and superconduct?. Physica B: Condensed Matter, 2008, 403, 977-981.	1.3	1
81	Thermoelectric studies of the non-thermal equilibrium dynamics in chiral metals. Physica B: Condensed Matter, 2008, 403, 1652-1654.	1.3	0
82	A multi-component Fermi surface in the vortex state of an underdoped high-Tc superconductor. Nature, 2008, 454, 200-203.	13.7	219
83	Formation of Pancakelike Ising Domains and Giant Magnetic Coercivity in Ferrimagnetic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>LuFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2008, 101, 137203.	7.6	98
84	Fractalization drives crystalline states in a frustrated spin system. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 20157-20160.	3.3	73
85	Experimentally determining the exchange parameters of quasi-two-dimensional Heisenberg magnets. New Journal of Physics, 2008, 10, 083025.	1.2	106
86	Quantum oscillations in the parent magnetic phase of an iron arsenide high temperature superconductor. Journal of Physics Condensed Matter, 2008, 20, 422203.	0.7	133
87	Magnetotransport properties and the Fermi surface of single crystal VB₂. Journal of Physics Condensed Matter, 2008, 20, 035209.	0.7	4
88	Quantum Oscillations in the Underdoped Cuprate<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>YBa</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Cu</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>8</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2008, 100, 047003.	7.6	243
89	High-field Magnetoresistive Effects in Reduced-Dimensionality Organic Metals and Superconductors. Springer Series in Materials Science, 2008, , 247-276.	0.4	2
90	Field-driven phase transitions in a quasi-two-dimensional quantum antiferromagnet. New Journal of Physics, 2007, 9, 31-31.	1.2	34

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91	Cuprate Fermi Orbits and Fermi Arcs: The Effect of Short-Range Antiferromagnetic Order. Physical Review Letters, 2007, 99, 206406.	2.9	61
92	Interplay between Fermi Surface Topology and Ordering inURu2Si2Revealed through Abrupt Hall Coefficient Changes in Strong Magnetic Fields. Physical Review Letters, 2007, 98, 016401.	2.9	56
93	Quantum Spin Correlations in an Organometallic Alternating-Sign Chain. Physical Review Letters, 2007, 99, 087204.	2.9	42
94	Geometric Frustration and Dimensional Reduction at a Quantum Critical Point. Physical Review Letters, 2007, 98, 257201.	2.9	44
95	Fermi Surface of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>CeIn</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>above the NÃ©el Critical Field. Physical Review Letters, 2007, 99, 056401.	2.9	42
96	Field induced metastabilities in U(Ru0.96Rh0.04)2Si2. Physica C: Superconductivity and Its Applications, 2007, 460-462, 682-683.	0.6	0
97	Very high field magnetization and AC susceptibility of native horse spleen ferritin. Journal of Magnetism and Magnetic Materials, 2007, 308, 97-100.	1.0	35
98	Physical properties at high magnetic fields in. Journal of Magnetism and Magnetic Materials, 2007, 310, 298-299.	1.0	0
99	Reduction of NÃ©el temperature of by La doping. Journal of Magnetism and Magnetic Materials, 2007, 310, 300-302.	1.0	8
100	BEC phase boundary in. Journal of Magnetism and Magnetic Materials, 2007, 310, e460-e462.	1.0	4
101	Decrease of the coherence temperature with low Rh doping in. Journal of Magnetism and Magnetic Materials, 2007, 310, 855-857.	1.0	3
102	Comment on â€œBose-Einstein Condensation of Magnons inCs2CuCl4â€• Physical Review Letters, 2006, 96, 189703; author reply 189704.	2.9	12
103	Role of anisotropy in the spin-dimer compoundBaCuSi2O6. Physical Review B, 2006, 74, .	1.1	34
104	Evolution of Ferroelectric and Antiferromagnetic Phases of TbMn2O5 Under High Magnetic Field up to 45 T. Ferroelectrics, 2006, 336, 153-159.	0.3	5
105	Bose-Einstein condensation in BaCuSi2O6. Journal of Physics: Conference Series, 2006, 51, 9-14.	0.3	3
106	Dimensional reduction at a quantum critical point. Nature, 2006, 441, 617-620.	13.7	211
107	Lattice involvement in low temperature phase of U(Ru,Rh)2Si2. Physica B: Condensed Matter, 2006, 378-380, 82-83.	1.3	0
108	Hall effect evolution across a field-induced phase in. Physica B: Condensed Matter, 2006, 378-380, 989-990.	1.3	1

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109	Recent high-magnetic-field studies of unusual groundstates in quasi-two-dimensional crystalline organic metals and superconductors. Journal of Physics and Chemistry of Solids, 2006, 67, 535-541.	1.9	0
110	High magnetic field studies of the shape memory alloy AuZn. Journal of Physics and Chemistry of Solids, 2006, 67, 2100-2105.	1.9	4
111	Approaching field tuned quantum criticality in. Physica B: Condensed Matter, 2006, 378-380, 90-91.	1.3	0
112	quasiparticles and avoided quantum criticality in U(Ru,Rh)2Si2. Physica B: Condensed Matter, 2006, 378-380, 373-375.	1.3	10
113	Emergent phases near the metamagnetic quantum critical point in. Physica B: Condensed Matter, 2006, 378-380, 31-35.	1.3	1
114	Incoherent Bragg reflection and Fermi-surface hot spots in a quasi-two-dimensional metal. Physical Review B, 2006, 73, .	1.1	8
115	Fermi Surface Changes across the NÃ©el Phase Boundary ofNdB6. Physical Review Letters, 2006, 97, 146404.	2.9	23
116	Quantum Criticality in an Organic Magnet. Physical Review Letters, 2006, 96, 257203.	2.9	34
117	Phonon Thermal Transport ofURu2Si2: Broken Translational Symmetry and Strong-Coupling of the â€œHidden Orderâ€•to the Lattice. Physical Review Letters, 2006, 97, 156401.	2.9	27
118	Nonlocal Magnetic Field-Tuned Quantum Criticality in CubicCeIn3âˆ’xSnx(x=0.25). Physical Review Letters, 2006, 96, 206401.	2.9	15
119	Bose-Einstein Condensation ofS=1Nickel Spin Degrees of Freedom inNiCl2â€“4SC(NH2)2. Physical Review Letters, 2006, 96, 077204.	2.9	206
120	Irreversible Dynamics of the Phase Boundary inU(Ru0.96Rh0.04)2Si2and Implications for Ordering. Physical Review Letters, 2006, 96, 136403.	2.9	21
121	A photonic band-gap resonator to facilitate GHz-frequency conductivity experiments in pulsed magnetic fields. Review of Scientific Instruments, 2006, 77, 084702.	0.6	4
122	Fermi surface as a driver for the shape-memory effect in AuZn. Journal of Physics Condensed Matter, 2005, 17, L69-L75.	0.7	15
123	Suppression of the Î³â€“Î± structural phase transition in Ce0.8La0.1Th0.1by large magnetic fields. Journal of Physics Condensed Matter, 2005, 17, L77-L83.	0.7	33
124	Characteristic Bose-Einstein condensation scaling close to a quantum critical point inBaCuSi2O6. Physical Review B, 2005, 72, .	1.1	76
125	Quantum Critical5fElectrons Avoid Singularities inU(Ru,Rh)2Si2. Physical Review Letters, 2005, 95, 026403.	2.9	21
126	Crystal symmetry and high-magnetic-field specific heat ofSrCu2(BO3)2. Physical Review B, 2005, 71, .	1.1	29

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127	Catastrophic Fermi Surface Reconstruction in the Shape-Memory Alloy AuZn. Physical Review Letters, 2005, 94, 116401.	2.9	22
128	Landau Quantization Effects in the Charge-Density-Wave System(Per)2M(mnt)2(whereM=Auand Pt). Physical Review Letters, 2005, 94, 106404.	2.9	12
129	Extension of the temperature-magnetic field phase diagram ofCeB6. Physical Review B, 2004, 69, .	1.1	32
130	Emergent Fluctuation Hot Spots on the Fermi Surface ofCeIn3in Strong Magnetic Fields. Physical Review Letters, 2004, 93, 246401.	2.9	53
131	Charge-Density Waves Survive the Pauli Paramagnetic Limit. Physical Review Letters, 2004, 93, 076405.	2.9	27
132	Nexus between Quantum Criticality and Phase Formation inU(Ru1â^'xRhx)2Si2. Physical Review Letters, 2004, 93, 206402.	2.9	33
133	Magnetic-Field-Induced Condensation of Triplons in Han Purple PigmentBaCuSi2O6. Physical Review Letters, 2004, 93, 087203.	2.9	260
134	Unconventional quantum fluid at high magnetic fields in the marginal charge-density-wave systemÎ±â^'(BEDTâ^'TTF)2MHg(SCN)4(M=Kand Rb). Physical Review B, 2004, 69, .	1.1	14
135	Metamagnetism, quantum criticality, hidden order and crystal electric fields in URu2Si2. Physica B: Condensed Matter, 2004, 346-347, 92-98.	1.3	11
136	Reentrant Hidden Order at a Metamagnetic Quantum Critical End Point. Physical Review Letters, 2003, 90, 096402.	2.9	66
137	Magnetic-Field-Induced Quantum Critical Point and Competing Order Parameters inURu2Si2. Physical Review Letters, 2003, 91, 256401.	2.9	101
138	Nonequilibrium persistent currents in charge-density-wave systems. Physical Review B, 2002, 66, .	1.1	15
139	Two energy scales in YbInCu4 from specific heat in high magnetic fields. Physica B: Condensed Matter, 2002, 312-313, 344-345.	1.3	6
140	Superconducting properties and Fermi-surface topology of the quasi-two-dimensional organic superconductor Ì»-(BETS)2GaCl4(BETSâ‰¡bis(ethylene-dithio)tetraselenafulvalene). Journal of Physics Condensed Matter, 2001, 13, 8325-8345.	0.7	64
141	On the de Haas-van Alphen effect in inhomogeneous alloys. Journal of Physics Condensed Matter, 2001, 13, L463-L467.	0.7	11
142	Origin of the split quantum oscillation wave form inÎ±â^'(BEDTâ^'TTF)2KHg(SCN)4. Physical Review B, 2001, 63, .	1.1	11
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