

# Zachary Fisk

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Slow crystalline electric field fluctuations in the Kondo lattice $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:msub} \langle \text{mml:mi} \text{SmB} \langle \text{mml:mi} \langle \text{mml:mn} 6 \langle \text{mml:msub} \langle \text{mml:mi} \text{B} \langle \text{mml:mi} \rangle \rangle \rangle \rangle \rangle \rangle \rangle$ Physical Review B, 2022, 105, .		
2	Comparative Scanning Tunneling Microscopy Study on Hexaborides. Physica Status Solidi (B): Basic Research, 2021, 258, 2000022.	1.5	5
3	Phase stability in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:msub} \langle \text{mml:mi} \text{SmB} \langle \text{mml:mi} \langle \text{mml:mn} 6 \langle \text{mml:msub} \langle \text{mml:mi} \text{B} \langle \text{mml:mi} \rangle \rangle \rangle \rangle \rangle \rangle \rangle$ Physical Review Materials, 2021, 5, .		
4	Bulk transport paths through defects in floating zone and Al flux grown $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:msub} \langle \text{mml:mrow} \langle \text{mml:mi} \text{SmB} \langle \text{mml:mi} \langle \text{mml:mrow} \langle \text{mml:mn} 6 \langle \text{mml:msub} \langle \text{mml:mi} \text{B} \langle \text{mml:mi} \rangle \rangle \rangle \rangle \rangle \rangle \rangle \rangle$ Physical Review Materials, 2021, 5, .		
5	Systematic manipulation of the surface conductivity of SmB6. Physical Review Research, 2021, 3, .	3.6	4
6	Surface excitations relaxation in the Kondo insulator $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:msub} \langle \text{mml:mi} \text{Sm} \langle \text{mml:mi} \langle \text{mml:mrow} \langle \text{mml:mn} 1 \langle \text{mml:msub} \langle \text{mml:mi} \text{B} \langle \text{mml:mi} \rangle \rangle \rangle \rangle \rangle \rangle \rangle \rangle$ Physical Review Research, 2021, 3, .	3.6	3
7	Imaging emergent heavy Dirac fermions of a topological Kondo insulator. Nature Physics, 2020, 16, 52-56.	16.7	47
8	Visualization of localized perturbations on a (001) surface of the ferromagnetic semimetal $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:msub} \langle \text{mml:mi} \text{EuB} \langle \text{mml:mi} \langle \text{mml:mn} 6 \langle \text{mml:msub} \langle \text{mml:mi} \text{B} \langle \text{mml:mi} \rangle \rangle \rangle \rangle \rangle \rangle \rangle$ Physical Review B, 2020, 101, .		
9	Revisiting the Possible 4f7 5d1 Ground State of Gd Impurities in SmB6 by Electron Spin Resonance. , 2020, , .		1
10	How it all began. Philosophical Magazine, 2020, 100, 1191-1192.	1.6	0
11	Hall-coefficient diagnostics of the surface state in pressurized $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mrow} \langle \text{mml:mi} \text{Sm} \langle \text{mml:mi} \langle \text{mml:msub} \langle \text{mml:mi} \text{B} \langle \text{mml:mi} \rangle \rangle \rangle \rangle \rangle \rangle \rangle$ Physical Review B, 2020, 101, .	3.2	3
12	Comprehensive surface magnetotransport study of $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:msub} \langle \text{mml:mi} \text{SmB} \langle \text{mml:mi} \langle \text{mml:mn} 6 \langle \text{mml:msub} \langle \text{mml:mi} \text{B} \langle \text{mml:mi} \rangle \rangle \rangle \rangle \rangle \rangle \rangle$ Physical Review B, 2020, 101, .		
13	Metallic islands in the Kondo insulator $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:msub} \langle \text{mml:mrow} \langle \text{mml:mi} \text{SmB} \langle \text{mml:mi} \langle \text{mml:mrow} \langle \text{mml:mn} 6 \langle \text{mml:msub} \langle \text{mml:mi} \text{B} \langle \text{mml:mi} \rangle \rangle \rangle \rangle \rangle \rangle \rangle \rangle$ Physical Review Research, 2020, 2, .		
14	$\langle \text{sup} 33 \langle \text{sup} \rangle \text{S Nuclear Magnetic Resonance Spectra of Uranium Disulfide } \langle i \rangle \hat{I}^2 \langle /i \rangle \text{-US} \langle \text{sub} 2 \langle \text{sub} \rangle \rangle \rangle$ , , 2020, , .		0
15	Putative hybridization gap in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mrow} \langle \text{mml:msub} \langle \text{mml:mi} \text{CaMn} \langle \text{mml:mi} \langle \text{mml:mn} 2 \langle \text{mml:msub} \langle \text{mml:mi} \text{B} \langle \text{mml:mi} \rangle \rangle \rangle \rangle \rangle \rangle \rangle$ under applied pressure. Physical Review B, 2019, 100, .		
16	Spin rotation induced by applied pressure in the Cd-doped $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mrow} \langle \text{mml:msub} \langle \text{mml:mi} \text{Ce} \langle \text{mml:mi} \langle \text{mml:mn} 2 \langle \text{mml:msub} \langle \text{mml:mi} \text{B} \langle \text{mml:mi} \rangle \rangle \rangle \rangle \rangle \rangle \rangle$ intermetallic compound. Physical Review B, 2019, 100, .		
17	Physical properties of $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mrow} \langle \text{mml:msub} \langle \text{mml:mi} \text{Sm} \langle \text{mml:mi} \langle \text{mml:mi} \text{x} \langle \text{mml:mi} \text{B} \langle \text{mml:mi} \rangle \rangle \rangle \rangle \rangle \rangle \rangle$ single crystals. Physical Review B, 2019, 99, .	3.2	11
18	Transport gap in SmB $\langle \text{sub} 6 \langle \text{sub} \rangle \rangle$ protected against disorder. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 12638-12641.	7.1	35

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19	Quantum Oscillations in Flux-Grown $\text{SmB}_6$ with Embedded Aluminum. <i>Physical Review Letters</i> , 2019, 122, 166401.	7.8	31
20	Evidence of a Nodal Line in the Superconducting Gap Symmetry of Noncentrosymmetric $\text{ThCoC}_2$ . <i>Physical Review Letters</i> , 2019, 122, 147001.	7.8	30
21	Multi-Kondo lattice system $\text{LaCoIn}_5$ . <i>Physical Review</i>	3.2	2
22	Resonant inelastic x-ray scattering investigation of the crystal-field splitting of $\text{SmB}_6$ . <i>Physical Review B</i> , 2019, 100, .	3.2	10
23	Raman spectroscopy of f-electron metals: An example of $\text{CeB}_6$ . <i>Physical Review Materials</i> , 2019, 3, .	2.4	11
24	Spin rotation induced by applied pressure in the Cd-doped $\text{CeRhIn}$ intermetallic compound. <i>Physical Review B</i> , 2019, 100, .	3.2	0
25	Magnetotransport properties in the magnetic phase of $\text{BaFe}_2\text{xTxAs}_2$ (T=Co,Ni) : A magnetic excitations approach. <i>Physical Review B</i> , 2018, 97, .	3.2	1
26	Multi- $q$ Mesoscale Magnetism in $\text{CeAuSb}_2$ . <i>Physical Review Letters</i> , 2018, 120, 097201.	7.8	34
27	$f$ and $d$ states in the heavy-fermion system $\text{YbRh}_2$ . <i>Physical Review B</i> , 2018, 97, .	3.2	12
28	Inverted Resistance Measurements as a Method for Characterizing the Bulk and Surface Conductivities of Three-Dimensional Topological Insulators. <i>Physical Review Applied</i> , 2018, 9, .	3.8	17
29	Crystallographic, Magnetic, Thermal, and Electric Transport Properties in $\text{UPtIn}$ Single Crystal. <i>Journal of the Physical Society of Japan</i> , 2018, 87, 024706.	1.6	0
30	Evolution of ground-state wave function in $\text{CeCoIn}_5$ upon Cd or Sn doping. <i>Physical Review B</i> , 2018, 97, .	3.2	16
31	Direct observation of surface-state thermal oscillations in $\text{SmB}_6$ . <i>Physical Review B</i> , 2018, 97, .	3.2	16
32	Crystal Field Ground State of the Strongly Correlated Topological Insulator $\text{SmB}_6$ . <i>Physical Review Letters</i> , 2018, 120, 016402.	7.8	37
33	An effect of Sm vacancies on the hybridization gap in topological Kondo insulator candidate $\text{SmB}_6$ . <i>Physica B: Condensed Matter</i> , 2018, 536, 60-63.	2.7	6
34	Magnetic and defect probes of the $\text{SmB}_6$ surface state. <i>Science Advances</i> , 2018, 4, eaau4886.	10.3	29
35	Structural differences between single crystal and polycrystalline $\text{UBe}_{13}$ . <i>Philosophical Magazine</i> , 2018, 98, 2003-2017.	1.6	4
36	Evidence for Ferromagnetic Clusters in the Colossal-Magnetoresistance Material $\text{EuB}_6$ . <i>Physical Review Letters</i> , 2018, 120, 257201.	7.8	33

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37	Doping-induced superconductivity of $\text{ZrB}_2$ and $\text{HfB}_2$ . <a href="http://www.w3.org/1998/Math/MathML">Physical Review B</a> , 2017, 95, .	3.2	17
38	Competing magnetic orders in the superconducting state of heavy-fermion $\text{CeRhIn}_5$ . <a href="http://www.w3.org/1998/Math/MathML">Proceedings of the National Academy of Sciences of the United States of America</a> , 2017, 114, 5384-5388.	7.1	14
39	Surface-dominated conduction up to 240 K in the Kondo insulator $\text{SmB}_6$ under strain. <a href="http://www.w3.org/1998/Math/MathML">Nature Materials</a> , 2017, 16, 708-711.	27.5	31
40	Bulk and surface electronic properties of $\text{SmB}_6$ : A hard x-ray photoelectron spectroscopy study. <a href="http://www.w3.org/1998/Math/MathML">Physical Review B</a> , 2017, 96, .	3.2	12
41	Atomic-scale visualization of surface-assisted orbital order. <a href="http://www.w3.org/1998/Math/MathML">Science Advances</a> , 2017, 3, eaao0362.	10.3	14
42	Planar tunneling spectroscopy of the topological Kondo insulator $\text{SmB}_6$ . <a href="http://www.w3.org/1998/Math/MathML">Physical Review B</a> , 2017, 95, .	3.2	12
43	Tuning of superconductivity by Ni substitution into noncentrosymmetric $\text{ThC}_2\text{O}_N$ . <a href="http://www.w3.org/1998/Math/MathML">Physical Review B</a> , 2017, 95, .	3.2	7
44	Anharmonic rattling vibrations effects in the ESR of $\text{Er}^{3+}$ -doped $\text{SmB}_6$ Kondo insulator. <a href="http://www.w3.org/1998/Math/MathML">AIP Advances</a> , 2017, 7, 055709.	1.3	5
45	Unusual diffusive effects on the ESR of $\text{Nd}^{3+}$ ions in the tunable topologically nontrivial semimetal $\text{YBiPt}$ . <a href="http://www.w3.org/1998/Math/MathML">Journal of Physics Condensed Matter</a> , 2016, 28, 125601.	1.8	13
46	Quasi-particle interference of heavy fermions in resonant x-ray scattering. <a href="http://www.w3.org/1998/Math/MathML">Science Advances</a> , 2016, 2, e1601086.	10.3	4
47	Effects of spin excitons on the surface states of $\text{SmB}_6$ : A photoemission study. <a href="http://www.w3.org/1998/Math/MathML">Physical Review B</a> , 2016, 94, .	3.2	12
48	Additional energy scale in $\text{SmB}_6$ at low-temperature. <a href="http://www.w3.org/1998/Math/MathML">Nature Communications</a> , 2016, 7, 13762.	12.8	50
49	Weak antilocalization and linear magnetoresistance in the surface state of $\text{SmB}_6$ . <a href="http://www.w3.org/1998/Math/MathML">Physical Review B</a> , 2016, 94, .	3.2	12
50	Topological surface states interacting with bulk excitations in the Kondo insulator $\text{SmB}_6$ revealed via planar tunneling spectroscopy. <a href="http://www.w3.org/1998/Math/MathML">Proceedings of the National Academy of Sciences of the United States of America</a> , 2016, 113, 6599-6604.	7.1	44
51	Electrical transport properties of single-crystal $\text{CaB}_6$ , $\text{SrB}_6$ , and $\text{BaB}_6$ . <a href="http://www.w3.org/1998/Math/MathML">Physical Review B</a> , 2016, 94, .	3.2	11
52	Breakdown of the Kondo insulating state in $\text{SmB}_6$ introducing Sm vacancies. <a href="http://www.w3.org/1998/Math/MathML">Physical Review B</a> , 2016, 94, .	3.2	12
53	Low-temperature conducting state in two candidate topological Kondo insulators: $\text{SmB}_6$ and $\text{Ce}_3\text{B}_3$ . <a href="http://www.w3.org/1998/Math/MathML">Physical Review B</a> , 2016, 94, .	3.2	12
54	Radio Frequency Tunable Oscillator Device Based on a $\text{SmB}_6$ . <a href="http://www.w3.org/1998/Math/MathML">Physical Review Letters</a> , 2016, 116, 166603.	7.8	13

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55	Anomalous three-dimensional bulk ac conduction within the Kondo gap of $\text{SmB}_6$ single crystals. Physical Review B, 2016, 94, .	3.2	14
56	Surface and electronic structure of $\text{SmB}_6$ through scanning tunneling microscopy. Philosophical Magazine, 2016, 96, 3262-3273.	1.6	20
57	Fermi surface topology and hot spot distribution in the Kondo lattice system $\text{CeB}_6$ . Physical Review B, 2015, 92, .	3.2	29
58	Fermi surface of the superconductor $\text{BaRu}_2\text{P}_2$ . Physical Review B, 2015, 92, .	3.2	5
59	Pressure-induced quantum phase transitions in a $\text{YbB}_6$ single crystal. Physical Review B, 2015, 92, .	3.2	26
60	Tuning electronic correlations in transition metal pnictides: Chemistry beyond the valence count. Physical Review B, 2015, 91, .	3.2	20
61	Magnetic and Electronic Properties of $\text{URu}_2\text{Si}_2$ Revealed by Comparison with Nonmagnetic References $\text{ThRu}_2\text{Si}_2$ and $\text{LaRu}_2\text{Si}_2$ . Journal of the Physical Society of Japan, 2015, 84, 063702.	1.6	10
62	Non-Kondo-like Electronic Structure in the Correlated Rare-Earth Hexaboride $\text{YbB}_6$ . Reemergent Superconductivity and Avoided Quantum Criticality in Cd-Doped $\text{YbB}_6$ . Physical Review Letters, 2015, 114, 146403.	7.8	46
63	Reemergent Superconductivity and Avoided Quantum Criticality in Cd-Doped $\text{YbB}_6$ . Physical Review Letters, 2015, 114, 146403.	7.8	17
64	Surface state reconstruction in ion-damaged $\text{SmB}_6$ . Physical Review B, 2015, 91, .	3.2	15
65	Single crystal growth and characterization of $\text{URu}_2\text{Si}_2$ . Philosophical Magazine, 2014, 94, 3672-3680.	1.6	4
66	Electrical transport properties of $\text{CaB}_6$ . Physical Review B, 2014, 90, .	3.2	7
67	Two-dimensional Fermi surfaces in Kondo insulator $\text{SmB}_6$ . Science, 2014, 346, 1208-1212.	12.6	252
68	Unconventional critical scaling of magnetization in ferromagnetic uranium superconductors $\text{UGe}_2$ and $\text{URhGe}$ . Physical Review B, 2014, 89, .	3.2	30
69	Hybridization gap and Fano resonance in $\text{SmB}_6$ . Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4798-4802.	7.1	111
70	Topological surface state in the Kondo insulator samarium hexaboride. Nature Materials, 2014, 13, 466-470.	27.5	275
71	Pressure-induced ferromagnetism with strong Ising-type anisotropy in $\text{YbCu}_2\text{Si}_2$ . Physical Review B, 2014, 89, .	3.2	12
72	Disorder in quantum critical superconductors. Nature Physics, 2014, 10, 120-125.	16.7	57

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73	High purity specimens of URu <sub>2</sub> Si <sub>2</sub> produced by a molten metal flux technique. Philosophical Magazine, 2014, 94, 3663-3671.	1.6	17
74	Magnetic, thermodynamic, and electrical transport properties of the noncentrosymmetric germanides MnGe and CoGe. Physical Review B, 2014, 90, .	3.2	42
75	Drastic Change in Ferromagnetic Ground State Associated with Pressure-Induced Metal-Insulator Transition in U <sub>2</sub> Si <sub>2</sub> . , 2014, , .		1
76	Lattice Strain Accompanying the Colossal Magnetoresistance Effect in EuB <sub>6</sub> . Physical Review Letters, 2014, 113, 067202.	7.8	17
77	Fermi-surface topology of the iron pnictide LaFeP <sub>2</sub> . Physical Review B, 2014, 89, .	3.2	8
78	SmB <sub>6</sub> Photoemission: Past and Present. , 2014, , .		27
79	Single-Crystal Growth and de Haas-van Alphen Effect Study of ThRu <sub>2</sub> Si <sub>2</sub> . , 2014, , .		4
80	Electronic States in Antiferromagnetic Compound URhIn <sub>5</sub> Investigated by de Haas-van Alphen Effect and High Pressure Resistivity Measurements. , 2014, , .		0
81	Electronic phase separation due to magnetic polaron formation in the semimetallic ferromagnet EuB <sub>6</sub> – A weakly-nonlinear-transport study. Journal of the Korean Physical Society, 2013, 62, 1489-1494.	0.7	6
82	Single crystal growth and physical properties of UT <sub>2</sub> Al <sub>20</sub> (T=Transition Metal). Journal of the Korean Physical Society, 2013, 63, 363-366.	0.7	11
83	Surface electronic structure of the topological Kondo-insulator candidate correlated electron system SmB <sub>6</sub> . Nature Communications, 2013, 4, 2991.	12.8	308
84	Magnetic phase diagram of UCoAl. Journal of the Korean Physical Society, 2013, 63, 575-578.	0.7	5
85	Shubnikov-de Haas oscillation in PuIn <sub>3</sub> . Journal of the Korean Physical Society, 2013, 63, 380-382.	0.7	3
86	Magnetic property in the ferromagnetic superconductor UGe <sub>2</sub> at pressures above the ferromagnetic critical pressure. Journal of the Korean Physical Society, 2013, 63, 627-631.	0.7	0
87	Low-temperature surface conduction in the Kondo insulator SmB <sub>6</sub> . Physical Review B, 2013, 88, .	3.2	315
88	Surface Hall Effect and Nonlocal Transport in SmB <sub>6</sub> : Evidence for Surface Conduction. Scientific Reports, 2013, 3, 3150.	3.3	260
89	Separation of magnetic properties at uranium and cobalt sites in UCoAl using soft x-ray magnetic circular dichroism. Physical Review B, 2013, 88, .	3.2	10
90	Single-crystal growth and physical properties of URhIn <sub>5</sub> . Physical Review B, 2013, 88, .	3.2	8



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91	NMR Study of In-Plane Twofold Ordering in $URu_2Si_2$ . Physical Review Letters, 2013, 110, 246406.	7.8	43
92	Zero-field NMR and NQR measurements of the antiferromagnet $URhIn_5$ . Physical Review B, 2013, 88, .	3.2	5
93	$V < B < 0.04$ . Physical Review B, 2013, 88, .	3.2	23
94	Critical current density and flux pinning in $Zr_{0.96}V_{0.04}B_2$ superconductor with $AlB_2$ structure. Journal of Applied Physics, 2013, 114, .	2.5	9
95	Progress in Heavy-Fermion Superconductivity: $Ce_{115}$ and Related Materials. Journal of the Physical Society of Japan, 2012, 81, 011002.	1.6	131
96	Complex mixed state of the Pauli-limited superconductor $CeCoIn_5$ . Physical Review B, 2012, 85, .	3.2	7
97	$YbRh_2Si_2$ . Physical Review B, 2012, 85, .	3.2	28
98	Magnetically driven electronic phase separation in the semimetallic ferromagnet $EuB_6$ . Physical Review B, 2012, 86, .	3.2	30
99	Effects of Eu doping on $SmB_6$ single crystals. Physical Review B, 2012, 85, .	3.2	15
100	A Kondo insulating memristor. Applied Physics Letters, 2012, 101, 013505.	3.3	12
101	Strong correlation between anomalous quasiparticle scattering and unconventional superconductivity in the hidden-order phase of $URu_2Si_2$ . Physical Review B, 2012, 85, .	3.2	9
102	Fermi-surface evolution in Yb-substituted $CeCoIn_5$ . Physical Review B, 2012, 85, .	3.2	26
103	Probing the localized to itinerant behavior of the $f$ electron in $CeIn_3$ . Physical Review B, 2012, 85, .	3.2	10
104	Single Crystal Growth and Magnetic Anisotropy of Hexagonal $PuGa_3$ . Journal of the Physical Society of Japan, 2012, 81, SB007.	1.6	0
105	Pressure effects on the heavy-fermion antiferromagnet $CeAuSb_2$ . Physical Review B, 2012, 85, .	3.2	31
106	Investigating the Structure of $Ce_{1-x}La_xCoIn_5$ Using NQR. Journal of Superconductivity and Novel Magnetism, 2012, 25, 2141-2144.	1.8	1
107	Visualizing heavy fermions emerging in a quantum critical Kondo lattice. Nature, 2012, 486, 201-206.	27.8	176
108	Specific heat of $Nd_1-x$ . Physical Review B, 2012, 85, .	3.2	11

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109	<p>field-activated exchange narrowing of the Cd<sup>2+</sup> ESR fine structure in a single crystal of Ce<sub>3</sub>Co<sub>2</sub>Si<sub>2</sub>. <i>Physical Review B</i>, 2011, 83, .</p> <p>Electronic structure and orbital occupancy in Yb-substituted CeCoIn<sub>5</sub>. <i>Proceedings of the National Academy of Sciences of the United States of America</i>, 2011, 108, 6857-6861.</p>	3.2	5
110	<p>Magnetic and Electronic Quantum Criticality in YbRh<sub>2</sub>Si<sub>2</sub>. <i>Journal of Low Temperature Physics</i>, 2010, 161, 67-82.</p>	3.2	29
111	<p>The crossed-field and single-field Hall effect in LuRh<sub>2</sub>Si<sub>2</sub>. <i>Physica Status Solidi (B): Basic Research</i>, 2010, 247, 723-726.</p>	7.1	39
112	<p>Scanning tunneling microscopy studies on CeCoIn<sub>5</sub> and CeIrIn<sub>5</sub>. <i>Physica Status Solidi (B): Basic Research</i>, 2010, 247, 624-627.</p>	1.4	8
113	<p>Magnetic, thermal, and transport properties of Cd-doped CeIn<sub>3</sub>. <i>Physical Review B</i>, 2010, 82, .</p> <p>Half-integer Hall effect measurements and electronic structure calculations on YbRh<sub>2</sub>Si<sub>2</sub> and its reference compounds. <i>Physical Review B</i>, 2010, 82, .</p>	1.5	4
114	<p>Anomalous effect of doping on the superconducting state of CeCoIn<sub>5</sub> in high magnetic fields. <i>Physical Review B</i>, 2010, 82, .</p>	1.5	14
115	<p>Fermi surface evolution through a heavy-fermion superconductor-to-antiferromagnet transition: de Haas-van Alphen effect in Cd-substituted CeCoIn<sub>5</sub>. <i>Physical Review B</i>, 2010, 82, .</p>	3.2	12
116	<p>Unconventional metallic behavior and superconductivity in the K-Mo-O system. <i>Physical Review B</i>, 2010, 81, .</p>	3.2	39
117	<p>Superconductivity without Fe or Ni in the phosphides BaRh<sub>2</sub>P<sub>2</sub> and BaRh<sub>2</sub>P<sub>2</sub>. <i>Physical Review B</i>, 2009, 79, .</p>	3.2	23
118	<p>Unusual metamagnetism in CeIrIn<sub>5</sub>. <i>Physical Review B</i>, 2009, 80, .</p>	3.2	14
119	<p>Magnetic field dependence and bottlenecklike behavior of the ESR spectra in YbRh<sub>2</sub>Si<sub>2</sub>. <i>Physical Review B</i>, 2009, 79, .</p>	3.2	24
120	<p>Fermi surfaces changes in La<sub>1-x</sub>Sr<sub>x</sub>B<sub>6</sub> and Ce<sub>1-x</sub>Ca<sub>x</sub>B<sub>6</sub> studied using the de Haas-van Alphen effect and magnetic susceptibility. <i>Physical Review B</i>, 2009, 80, .</p>	3.2	1
121	<p>Local structure and site occupancy of Cd and Hg substitutions in Ce<sub>3</sub>T<sub>2</sub>In. <i>Physical Review B</i>, 2009, 80, .</p>	3.2	27
122	<p>Coexisting on-center and off-center Yb<sup>3+</sup> in Ce<sub>3</sub>Co<sub>2</sub>Si<sub>2</sub>. <i>Physical Review B</i>, 2009, 80, .</p>	3.2	9
123	<p>Nonlinear Hall Effect as a Signature of Electronic Phase Separation in the Semimetallic Ferromagnet EuB<sub>6</sub>. <i>Physical Review Letters</i>, 2009, 103, 106602.</p>	3.2	1
124	<p>Nonlinear Hall Effect as a Signature of Electronic Phase Separation in the Semimetallic Ferromagnet EuB<sub>6</sub>. <i>Physical Review Letters</i>, 2009, 103, 106602.</p>	7.8	37



#	ARTICLE	IF	CITATIONS
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128	Superconducting materials: What the record tells us. <i>Philosophical Magazine</i> , 2009, 89, 2111-2115.	1.6	4
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