

Filip Ronning

List of Publications by Year in descending order

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266
papers

9,869
citations

31976

53
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46799

89
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274
all docs

274
docs citations

274
times ranked

6842
citing authors

#	ARTICLE	IF	CITATIONS
1	Weyl Fermion magneto-electrodynamics and ultralow field quantum limit in TaAs. Science Advances, 2022, 8, eabj1076.	10.3	4
2	Controlling superconductivity of CeIrIn5 microstructures by substrate selection. Applied Physics Letters, 2022, 120, .	3.3	2
3	DMFT study of dopant effects in the heavy-fermion compound CeCoIn_5 . Physical Review B, 2022, 105, .	3.2	2
4	Possible quadrupole-order-driven commensurate-incommensurate phase transition in B20 CoGe. Physical Review B, 2022, 105, .	3.2	1
5	Single thermodynamic transition at 2 K in superconducting UTe2 single crystals. Communications Materials, 2022, 3, .	6.9	39
6	Persistence of correlation-driven surface states in SmB_6 under pressure. Physical Review B, 2022, 105, .	3.2	0
7	Colossal anomalous Nernst effect in a correlated noncentrosymmetric kagome ferromagnet. Science Advances, 2021, 7, .	10.3	61
8	Robust Narrow-Gap Semiconducting Behavior in Square-Net $\text{La}_3\text{Cd}_2\text{As}_6$. Chemistry of Materials, 2021, 33, 4122-4127.	6.7	6
9	Local observation of linear superfluid density and anomalous vortex dynamics in $\text{U}_2\text{Ru}_2\text{O}_7$. Physical Review B, 2021, 103, .	3.2	8
10	Predicting and Synthesizing Interface Stabilized 2D Layers. Chemistry of Materials, 2021, 33, 5076-5084.	6.7	4
11	Nanoscale heterogeneity induced by nonmagnetic Zn dopants in the quantum critical metal CeCoIn_5 : NQR/NMR and Physical properties of CoIn_5 . Physical Review B, 2021, 103, .	3.2	3
12	Physical properties of YbFe_5P_3 with a quasi-one-dimensional crystal structure. Physical Review B, 2021, 104, .	3.2	0
13	Spatially inhomogeneous superconductivity in UTe_2 . Physical Review B, 2021, 104, .	3.2	31
14	Evidence for a pressure-induced antiferromagnetic quantum critical point in intermediate-valence UTe_2 . Science Advances, 2020, 6, .	10.3	69
15	Non-monotonic pressure dependence of high-field nematicity and magnetism in CeRhIn5. Nature Communications, 2020, 11, 3482.	12.8	9
16	Pressure dependence of antiferromagnetic and superconducting phases in $\text{U}_2\text{Ru}_2\text{O}_7$. Physical Review B, 2020, 102, .	3.2	0
17	Large tunable anomalous Hall effect in the kagome antiferromagnet CeCoIn_5 . Physical Review B, 2020, 102, .	3.2	8
18	Quantum-well states in fractured crystals of the heavy-fermion material CeCoIn_5 . Physical Review B, 2020, 102, .	3.2	1

#	ARTICLE	IF	CITATIONS
19	Local characterization of a heavy-fermion superconductor via sub-Kelvin magnetic force microscopy. Applied Physics Letters, 2020, 117, .	3.3	6
20	Hybridization effect on the x-ray absorption spectra for actinide materials: Application to PuB_4 . Physical Review B, 2020, 102, .	3.2	3
21	Interplay of the Spin Density Wave and a Possible Fulde-Ferrell-Larkin-Ovchinnikov State in CeCoIn_5 in Rotating Magnetic Field. Physical Review Letters, 2020, 124, 217001.	7.8	10
22	Machine learning study of magnetism in uranium-based compounds. Physical Review Materials, 2020, 4, .	2.4	10
23	Multicomponent fluctuation spectrum at the quantum critical point in CeCu_6Ag_x . Npj Quantum Materials, 2019, 4, .	5.2	4
24	Spatial control of heavy-fermion superconductivity in CeIrIn_5 . Science, 2019, 366, 221-226.	12.6	37
25	Comparing the anomalous Hall effect and the magneto-optical Kerr effect through antiferromagnetic phase transitions in Mn_3Sn . Applied Physics Letters, 2019, 114, .	3.3	29
26	Quantum Oscillations in Flux-Grown SmB_6 with Embedded Aluminum. Physical Review Letters, 2019, 122, 166401.	7.8	10
27	Thermodynamic Signatures of Weyl Fermions in NbP . Scientific Reports, 2019, 9, 2095.	3.3	13
28	Suppression of hybridization by Cd doping in CeCoIn_5 . Physical Review B, 2019, 100, .	3.2	5
29	Magnetic field-tuned Fermi liquid in a Kondo insulator. Nature Communications, 2019, 10, 5487.	12.8	18
30	Enhanced Hybridization Sets the Stage for Electronic Nematicity in CeRhIn_5 . Physical Review Letters, 2019, 122, 016402.	7.8	10
31	Magnetic phase dependence of the anomalous Hall effect in Mn_3Sn single crystals. Applied Physics Letters, 2018, 112, .	3.3	71
32	Synthesis and characterization of the heavy-fermion compound $\text{CePtAl}_4\text{Ge}_2$. Journal of Alloys and Compounds, 2018, 738, 550-555.	5.5	5
33	Tuning the Pairing Interaction in a d -Wave Superconductor by Paramagnons Injected through Interfaces. Physical Review Letters, 2018, 120, 187002.	7.8	10
34	Tunable emergent heterostructures in a prototypical correlated metal. Nature Physics, 2018, 14, 456-460.	16.7	15
35	Spectroscopic evidence for two-gap superconductivity in the quasi-1D chalcogenide $\text{Nb}_{2-x}\text{Pd}_{0.81-x}\text{S}_5$. Journal of Physics Condensed Matter, 2018, 30, 165401.	1.8	3
36	Experimental and theoretical study of topology and electronic correlations in PuB_4 . Physical Review B, 2018, 97, .	3.2	1

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37	From Ising Resonant Fluctuations to Static Uniaxial Order in Antiferromagnetic and Weakly Superconducting $CeCoMo$		
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#	ARTICLE	IF	CITATIONS
55	Observation of Dirac-like semi-metallic phase in NdSb. Journal of Physics Condensed Matter, 2016, 28, 23LT02.	1.8	35
56	Physical properties and electronic structure of La3Co and La3Ni intermetallic superconductors. Physica C: Superconductivity and Its Applications, 2016, 528, 73-83.	1.2	7
57	Incommensurate to commensurate antiferromagnetism in CeRhAl4Si2: An Al27NMR study. Physical Review B, 2016, 93, .	3.2	2
58	Electronic correlation and magnetism in the ferromagnetic metal $\text{Fe}_3\text{Mn}_2\text{P}$. Physical Review B, 2016, 93, .	3.2	3
59	Physical properties of the $\text{Ce}_2\text{MAl}_7\text{Ge}_4$ heavy-fermion compounds (M=Co, Ir, Ni, Pd). Physical Review B, 2016, 93, .	3.2	8
60	Large magnetoresistance in the antiferromagnetic semimetal NdSb. Physical Review B, 2016, 93, .	3.2	54
61	Low-temperature conducting state in two candidate topological Kondo insulators: SmB_6 and $\text{Ce}_3\text{B}_2\text{P}_3$. Physical Review B, 2016, 94, .	3.2	38
62	Magnetic torque anomaly in the quantum limit of Weyl semimetals. Nature Communications, 2016, 7, 12492.	12.8	54
63	The effect of magnetic and non-magnetic ion damage on the surface state in SmB_6 . Journal of Magnetism and Magnetic Materials, 2016, 400, 62-65.	2.3	2
64	Magnetocrystalline anisotropic effect in $\text{GdCo}_{1-x}\text{Fe}_x\text{AsO}$ ($x=0, 0.05$). Physical Review B, 2015, 91, .	3.2	0
65	Microscopic investigation of electronic inhomogeneity induced by substitutions in a quantum critical metal CeCoIn_5 . Physical Review B, 2015, 92, .	3.2	19
66	Electron-hole compensation effect between topologically trivial electrons and nontrivial holes in NbAs. Physical Review B, 2015, 92, .	3.2	66
67	Evidence for broken time-reversal symmetry in the superconducting phase of URu_2Si_2 . Physical Review B, 2015, 91, .	3.2	6
68	Thermal and transport properties of $\text{U}_2\text{Pt}_2\text{IrC}_2$. Journal of Physics Condensed Matter, 2015, 27, 365702.	1.8	1
69	Electronic structure of U_2PtC_2 and U_2RhC_2 . Journal of Physics: Conference Series, 2015, 592, 012037.	0.4	2
70	Investigation of the physical properties of the tetragonal $\text{CeMAl}_4\text{Si}_2$ (M = Rh, Ir, Pt) compounds. Journal of Physics Condensed Matter, 2015, 27, 025601.	1.8	11
71	Magnetism and superconductivity in $\text{U}_2\text{Pt}_2\text{C}_2$. Physical Review B, 2015, 92, .	3.2	7
72	Controlling superconductivity by tunable quantum critical points. Nature Communications, 2015, 6, 6433.	12.8	24

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73	Reemergent Superconductivity and Avoided Quantum Criticality in Cd-Doped $CeIrIn_5$. Physical Review Letters, 2015, 114, 146403.	7.8	17
74	Detection of a Spin-Triplet Superconducting Phase in Oriented Polycrystalline $U_2Pt_2C_2$ Samples Using ^{195}Pt Nuclear Magnetic Resonance. Physical Review Letters, 2015, 114, 127001.	7.8	4
75	Quantum critical fluctuations in the heavy fermion compound $Ce(Ni_{0.935}Pd_{0.065})_2Ge_2$. Journal of Physics Condensed Matter, 2015, 27, 015602.	1.8	4
76	Field-induced density wave in the heavy-fermion compound $CeRhIn_5$. Nature Communications, 2015, 6, 6663.	12.8	36
77	Magnetotransport of single crystalline NbAs. Journal of Physics Condensed Matter, 2015, 27, 152201.	1.8	117
78	Enhancement of the critical current density by increasing the collective pinning energy in heavy ion irradiated Co-doped $BaFe_2As_2$ single crystals. Superconductor Science and Technology, 2015, 28, 055011.	3.5	23
79	Complex magnetism and strong electronic correlations in $CePdGe_3$. Physical Review B, 2015, 91, 014407.	3.2	12
80	Surface state reconstruction in ion-damaged SmB_6 . Physical Review B, 2015, 91, 014407.	3.2	12
81	Building blocks for correlated superconductors and magnets. APL Materials, 2015, 3, .	5.1	3
82	Influence of Defects on the Charge Density Wave of $([SnSe]_{1-x}Te_x)_2(VSe)_2$ Ferecrystals. ACS Nano, 2015, 9, 8440-8448.	14.6	25
83	Pressure-tuned quantum criticality in the antiferromagnetic Kondo semimetal $CeNi_2As_2$. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13520-13524.	7.1	34
84	Superconducting properties in heavily overdoped $Ba(Fe_{0.86}Co_{0.14})_2As_2$ single crystals. Solid State Communications, 2015, 201, 20-24.	1.9	1
85	Magnitude of the Magnetic Exchange Interaction in the Heavy-Fermion Antiferromagnet $CeRhIn_5$. Physical Review Letters, 2014, 113, 246403.	7.8	32
86	Suppression of antiferromagnetism by pressure in $CeRhIn_5$. Physical Review X, 2014, 4, .	8.9	19
87	Suppression of antiferromagnetism by pressure in $CaCo_2P_2$. Physical Review B, 2014, 89, .	3.2	12
88	Short-range magnetic correlations in the highly correlated electron compound $CeCu_4Ga$. Physical Review B, 2014, 90, .	3.2	1
89	Single crystal study of antiferromagnetic $CePd_3Al_9$. Journal of Physics Condensed Matter, 2014, 26, 025601.	1.8	6
90	$CeIrIn_5$: Superconductivity on a magnetic instability. Physical Review B, 2014, 89, .	3.2	25

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91	High purity specimens of URu ₂ Si ₂ produced by a molten metal flux technique. Philosophical Magazine, 2014, 94, 3663-3671.	1.6	17
92	Hidden order and hybridization gap in URu ₂ Si ₂ via quasiparticle scattering spectroscopy. Philosophical Magazine, 2014, 94, 3737-3746.	1.6	8
93	Structural and transport properties of epitaxial Ba(Fe _{1-x} Cox) ₂ As ₂ thin films on various substrates. Superconductor Science and Technology, 2014, 27, 115010.	3.5	12
94	Rare earth replacement magnets. Journal of Physics Condensed Matter, 2014, 26, 060301.	1.8	19
95	Emergent Antiferromagnetism out of the "Hidden-Order" State in URu ₂ Si ₂ : High Magnetic Field Nuclear Magnetic Resonance to 40 ÅT. Physical Review Letters, 2014, 112, 236401.	7.8	7
96	Coexistence of Antiferromagnetism with Superconductivity in CePt ₃ Si. Physical Review Letters, 2014, 112, .	7.8	17
97	Microscopic Phase Diagram Determined by Characterization of the thin-film NbN superconductor for single-photon detection by transport measurements. Physical Review B, 2013, 87, .	3.2	45
98	Pressure phase diagram and quantum criticality of CePt ₃ Si. Physical Review B, 2013, 88, .	3.2	26
99	Ferromagnetic quantum critical point in CePt ₃ Si single crystals. Physical Review B, 2013, 88, .	3.2	26
100	Preparation of Epitaxial Uranium Dicarbide Thin Films by Polymer-Assisted Deposition. Chemistry of Materials, 2013, 25, 4373-4377.	6.7	15
101	Mole doping effect on superconductivity in Ce(Co _{1-x} Tj _x) ₂ ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 367 Td	3.2	5
102	Transport and thermodynamic properties of (Ca _{1-x} Tj _x) ₂ ETQq0 0 0 rgBT /Overlock 10 Tf 50 327 Td	3.2	25
103	Symmetry-broken electronic structure and uniaxial Fermi surface nesting of untwinned CaFe ₂ As ₂ . Physical Review B, 2013, 88, .	3.2	10
104	Tunable interplay between d and f electrons in Co-doped iron pnictides. Physical Review B, 2013, 87, .	3.2	16
105	Bulk evidence for a time-reversal symmetry broken superconducting state in URu ₂ Si ₂ . Physical Review B, 2013, 87, .	3.2	14
106	Effects of pressure on the ferromagnetic state of the charge density wave compound SmNiC ₂ . Physical Review B, 2013, 88, .	3.2	24
107	Materials Prediction Scores a Hit. Physics Magazine, 2013, 6, .	3.2	19
108	Materials Prediction Scores a Hit. Physics Magazine, 2013, 6, .	0.1	2

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109	Direct measurement of the magnetic penetration depth by magnetic force microscopy. Superconductor Science and Technology, 2012, 25, 112001.	3.5	19
110	Local moment ferromagnetism in CeRu ₂ Ga ₂ B. Journal of Physics Condensed Matter, 2012, 24, 185702.	1.8	10
111	Pressure tuned ferromagnetism in CeRu ₂ M ₂ X (M = Al, Ga; X = B, C). Journal of Physics Condensed Matter, 2012, 24, 325601.	1.8	13
112	Superconducting gap structure of the 115s revisited. Journal of Physics Condensed Matter, 2012, 24, 294206.	1.8	11
113	Heat-Capacity Measurements of Energy-Gap Nodes of the Heavy-Fermion Superconductor $CeIrIn_5$ inside the Pressure-Dependent Dome Structure of Its Superconducting Phase Diagram. Physical Review Letters, 2012, 109, 097001.	7.8	15
114	Textured Superconducting Phase in the Heavy Fermion $CeRhIn_5$. Physical Review Letters, 2012, 108, 077003.	7.8	38
115	Superconductivity in the Heusler family of intermetallics. Physical Review B, 2012, 85, . Magnetic penetration-depth measurements of a suppressed superfluid density of superconducting Ca _{0.5} Na _{0.5} Fe ₂ In ₇ : A computational and experimental investigation.	3.2	126
116	Na _{0.5} Fe ₂ In ₇	3.2	17
117	In ₇	3.2	4
118	Electronic Tuning and Uniform Superconductivity in $CeCoIn_5$. Physical Review Letters, 2012, 109, 186402.	7.8	28
119	Evidence for nodes or deep minima in the superconducting gap of underdoped and overdoped		

ARTICLE Magnetic penetration depth and thermal fluctuations in a superconducting Ca \times \times \times IF CITATIONS

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145	Magnetic frustration effects in uranium intermetallics. Journal of Physics: Conference Series, 2011, 273, 012036.	0.4	3
146	Quenching of ferromagnetism in $\hat{1}^2$ -UB ₂ C and UNiSi ₂ at high pressure. Journal of Physics: Conference Series, 2011, 273, 012014.	0.4	5
147	Crystal growth of CsCl-type Yb _{0.24} Sn _{0.76} Ru. Journal of Crystal Growth, 2011, 318, 1005-1008.	1.5	1
148	Synthesis, structure and physical properties of YbNi ₃ Al _{9.23} . Journal of Physics Condensed Matter, 2011, 23, 086002.	1.8	14
149	Unconventional quantum criticality in the pressure-induced heavy-fermion superconductor CeRhIn ₅ . Journal of Physics Condensed Matter, 2011, 23, 094218.	1.8	11
150	Calorimetric evidence for nodes in the overdoped Ba(Fe _{0.9} Co _{0.1}) ₂ As ₂ . New Journal of Physics, 2011, 13, 023036.	2.9	22
151	Crystal fields, disorder, and antiferromagnetic short-range order in Yb_{0.24}Sn_{0.76}Ru . Physical Review B, 2011, 84, .	3.2	8
152	Anisotropic Critical Magnetic Fluctuations in the Ferromagnetic Superconductor UCoGe. Physical Review Letters, 2011, 107, 187202.	7.8	39
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163	29Si-NMR study of magnetic anisotropy and hyperfine interactions in the uranium-based ferromagnet UNiSi ₂ . IOP Conference Series: Materials Science and Engineering, 2010, 9, 012097.	0.6	1
164	Coexistence of antiferromagnetism and superconductivity in CePt ₂ In ₇ . Journal of Physics: Conference Series, 2010, 200, 012011.	0.4	15
165	Pulsed laser deposition of CeCoIn ₅ thin films. Physica C: Superconductivity and Its Applications, 2010, 470, S568-S569.	1.2	4
166	Facile Chemical Solution Deposition of High-Mobility Epitaxial Germanium Films on Silicon. Angewandte Chemie - International Edition, 2010, 49, 1782-1785.	13.8	18
167	Magnetic order and heavy fermion behavior in CePd _{1+x} Al _{6-x} : Synthesis, structure, and physical properties. Journal of Solid State Chemistry, 2010, 183, 707-711.	2.9	7
168	Magnetotransport properties of epitaxial Pr _{0.5} Ca _{0.5} MnO ₃ films grown by a solution technique. Journal of Magnetism and Magnetic Materials, 2010, 322, 2708-2711.	2.3	2
169	Field-induced quantum critical point in the pressure-induced superconductor CeRhIn ₅ . Physica Status Solidi (B): Basic Research, 2010, 247, 553-556.	1.5	14
170	Front Cover (Phys. Status Solidi B 3/2010). Physica Status Solidi (B): Basic Research, 2010, 247, .	1.5	0
171	Anisotropy of antiferromagnetic spin fluctuations in the heavy fermion superconductors of CeMIn ₅ and PuMGa ₅ (M=Co, Rh). Materials Research Society Symposia Proceedings, 2010, 1264, 1.	0.1	8
172	Thermal and magnetic properties of the low-temperature antiferromagnet $Ce_{4/3}Mn_2$ Physical Review B, 2010, 82, .	3.2	6
173	Pressure-induced superconducting state and effective mass enhancement near the antiferromagnetic quantum critical point of $CePt_2$ Physical Review B, 2010, 81, .	3.2	48
174	Shift anomalies and spin dynamics in the normal state of superconducting URu_2Si_2 Physical Review B, 2010, 82, .	3.2	14
175	Anisotropic spin fluctuations in $YbFe_2$ Physical Review B, 2010, 82, .	3.2	14
176	Anisotropic Spin Fluctuations and Superconductivity in Co_5Ni_2 Heavy Fermion Compounds: Co_5Ni_2 NMR Study in $PuCoGa_5$. Physical Review Letters, 2010, 105, 217002.	7.8	14
177	Anomalous effect of doping on the superconducting state of $CeCoIn_5$ in high magnetic fields. Physical Review B, 2010, 82, .	3.2	23
178	Unusual signatures of the ferromagnetic transition in the heavy fermion compound UMn_2 Physical Review B, 2010, 82, .	3.2	17
179	Transforming insulating rutile single crystal into a fully ordered nanometer-thick transparent semiconductor. Nanotechnology, 2010, 21, 415303.	2.6	7
180	Pressure dependence of $BaNi_2As_2$. Journal of Physics: Conference Series, 2010, 200, 012155.	0.4	4

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181	Doping-dependent specific heat study of the superconducting gap in $Ba_{3.2}Fe_{5.8}As_2$ Physical Review B, 2010, 81, .		
182	Gap structure in the electron-doped iron arsenide superconductor $Ba(Fe_{0.92}Co_{0.08})_2As_2$: low-temperature specific heat study. New Journal of Physics, 2010, 12, 023006.	2.9	42
183	Crystal fields in the heavy fermion compounds Ce_3		



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199	Significant enhancement of the strength-to-resistivity ratio by nanotwins in epitaxial Cu films. Journal of Applied Physics, 2009, 106, .	2.5	55
200	BaTAs2 single crystals (T=Fe, Co, Ni) and superconductivity upon Co-doping. Physica C: Superconductivity and Its Applications, 2009, 469, 350-354.	1.2	35
201	Nickel deficiency in RENi ₂ X ₂ (RE=La, Ce, Pr). Combined crystallographic and physical property studies. Journal of Solid State Chemistry, 2009, 182, 1473-1480.	2.9	18
202	Possible Fulde-Ferrel-Larkin-Ovchinnikov Inhomogeneous Superconducting State in CeCoIn ₅ : Cd- and Hg-doping Studies. Journal of Superconductivity and Novel Magnetism, 2009, 22, 291-293.	1.8	3
203	NiX ₂ (X=pnictide, chalcogenide, or B) based superconductors. Physica C: Superconductivity and Its Applications, 2009, 469, 396-403.	1.2	56
204	Structural chemistry and magnetic properties of RE ₂ [Sn _x Ge _{1-x}] ₅ (RE=Nd, Sm) and RE[Sn _x Ge _{1-x}] ₂ (RE=Gd, Tb): Four new rare-earth metal intermetallic compounds with germanium zig-zag chains and tin square-nets. Journal of Alloys and Compounds, 2009, 488, 511-517.	5.5	12
205	Pressure-induced superconducting state of antiferromagnetic CaFe_2As_2 . Physical Review B, 2009, 80, .	3.2	58
206	Quantum criticality in layered chem _{5-x} Sn _x compared with cubic chem _{3-x} Sn _x . Europhysics Letters, 2009, 87, 57011.	2.0	11
207	Effects of Cd-doping on high-field low-temperature superconducting state in. Physica B: Condensed Matter, 2008, 403, 879-880.	2.7	0
208	Occurrence of magnetism in (, Ir). Physica B: Condensed Matter, 2008, 403, 1135-1137.	2.7	17
209	Normal state properties at a field-tuned quantum-critical point in the heavy-fermion superconductor. Physica B: Condensed Matter, 2008, 403, 943-945.	2.7	3
210	Mixed-Valence Perovskite Thin Films by Polymer-Assisted Deposition. Journal of the American Ceramic Society, 2008, 91, 1858-1863.	3.8	20
211	Isotropic quantum scattering and unconventional superconductivity. Nature, 2008, 456, 366-368.	27.8	94
212	Epitaxial GaN Thin Films Prepared by Polymer-Assisted Deposition. Journal of Physical Chemistry C, 2008, 112, 20535-20538.	3.1	15
213	Pressure-induced superconductivity in CaFe_2As_2 . Journal of Physics Condensed Matter, 2008, 20, 322204.	1.8	170
214	Successive Orbital Ordering Transitions in NaVO_2 . Physical Review Letters, 2008, 101, 166402.	7.8	65
215	Superconductivity in $\text{SrNi}_2\text{P}_2\text{O}_{10}$ crystals. Physical Review B, 2008, 78, .	3.2	105
216	An Experimental and Theoretical Study of the Variation of 4f Hybridization Across the $\text{La}_{1-x}\text{Ce}_x\text{In}_3$ Series. Inorganic Chemistry, 2008, 47, 2569-2575.	4.0	4

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217	Structure and Properties of a New Family of Nearly Equiatomic Rare-Earth Metal-Tin-Germanides $RESn_{1+x}Ge_{1-x}$ (RE = Y, Gd-Tm): an Unusual Example of Site Preferences Between Elements from the Same Group. Chemistry of Materials, 2008, 20, 2151-2159.	6.7	34
218	Synthesis and properties of $CaFe_2As_2$ single crystals. Journal of Physics Condensed Matter, 2008, 20, 322201.	1.8	136
219	The first order phase transition and superconductivity in $BaNi_2As_2$ single crystals. Journal of Physics Condensed Matter, 2008, 20, 342203.	1.8	134
220	Microscopic study of the effect of impurities on the first-order spin-density-wave transition in $U_3Bi_4M_3$ (M=Ni,Rh). Physical Review B, 2008, 77, .	3.2	3
221	Epitaxial nanotwinned Cu films with high strength and high conductivity. Applied Physics Letters, 2008, 93, .	3.3	192
222	Simplifying strong electronic correlations in uranium: Localized uranium heavy-fermion		
223	Localized uranium heavy-fermion		

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235	Hidden magnetism and quantum criticality in the heavy fermion superconductor CeRhIn5. Nature, 2006, 440, 65-68.	27.8	412
236	Antiferromagnetic quantum critical point in. Physica B: Condensed Matter, 2006, 378-380, 142-143.	2.7	26
237	Thermal Conductivity in the Vicinity of the Quantum Critical End Point in Sr3Ru2O7. Physical Review Letters, 2006, 97, 067005.	7.8	27
238	Nonvanishing Energy Scales at the Quantum Critical Point of CeCoIn5. Physical Review Letters, 2006, 97, 106606.	7.8	86
239	Pressure study of quantum criticality in CeCoIn5. Physical Review B, 2006, 73, .	3.2	62
240	Thermodynamic and transport investigation of CeCoIn5 \hat{a}^{\wedge} xSnx. Physical Review B, 2006, 73, .	3.2	42
241	Field-tuned quantum critical point in CeCoIn5 near the superconducting upper critical field. Physical Review B, 2005, 71, .	3.2	72
242	Heat Transport as a Probe of Electron Scattering by Spin Fluctuations: The Case of Antiferromagnetic CeRhIn5. Physical Review Letters, 2005, 94, 216602.	7.8	43
243	Delocalized Fermions in Underdoped Cuprate Superconductors. Physical Review Letters, 2005, 94, 147004.	7.8	61
244	c-axis magnetotransport in CeCoIn5. Physical Review B, 2005, 72, .	3.2	28
245	Superconductivity in CeCoIn5 \hat{a}^{\wedge} xSnx: Veil over an Ordered State or Novel Quantum Critical Point?. Physical Review Letters, 2005, 94, 047001.	7.8	65
246	Unpaired Electrons in the Heavy-Fermion Superconductor CeCoIn5. Physical Review Letters, 2005, 95, 067002.	7.8	94
247	Nodal Quasiparticles and Antinodal Charge Ordering in Ca2-xNaxCuO2Cl2. Science, 2005, 307, 901-904.	12.6	320
248	Non-Fermi-liquid behavior in CeIrIn5 near a metamagnetic transition. Physical Review B, 2004, 70, .	3.2	31
249	Specific heat at the magnetic order transitions in RbFe (MoO). Physica B: Condensed Matter, 2004, 354, 297-299.	2.7	16
250	Missing Quasiparticles and the Chemical Potential Puzzle in the Doping Evolution of the Cuprate Superconductors. Physical Review Letters, 2004, 93, 267002.	7.8	242
251	Elastic tensor of YNi2B2C. Physica C: Superconductivity and Its Applications, 2003, 397, 1-6.	1.2	9
252	Heat Conduction in the Vortex State of NbSe2: Evidence for Multiband Superconductivity. Physical Review Letters, 2003, 90, 117003.	7.8	210

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253	Field-Induced Quantum Critical Point in CeCoIn_5 . <i>Physical Review Letters</i> , 2003, 91, 246405.	7.8	314
254	Field-Induced Thermal Metal-to-Insulator Transition in Underdoped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. <i>Physical Review Letters</i> , 2003, 90, 197004.	7.8	43
255	Thermal conductivity across the phase diagram of cuprates: Low-energy quasiparticles and doping dependence of the superconducting gap. <i>Physical Review B</i> , 2003, 67, .	3.2	208
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