

Filip Ronning

List of Publications by Year in descending order

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266
papers

9,869
citations

31976

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89
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274
all docs

274
docs citations

274
times ranked

6842
citing authors

#	ARTICLE	IF	CITATIONS
1	Hidden magnetism and quantum criticality in the heavy fermion superconductor CeRhIn5. Nature, 2006, 440, 65-68.	27.8	412
2	Doping Dependence of ann-Type Cuprate Superconductor Investigated by Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2002, 88, 257001.	7.8	379
3	Nodal Quasiparticles and Antinodal Charge Ordering in Ca _{2-x} NaxCuO ₂ Cl ₂ . Science, 2005, 307, 901-904.	12.6	320
4	Field-Induced Quantum Critical Point inCeCoIn5. Physical Review Letters, 2003, 91, 246405.	7.8	314
5	Photoemission Evidence for a Remnant Fermi Surface and a d-Wave-Like Dispersion in Insulating Ca ₂ CuO ₂ Cl ₂ . , 1998, 282, 2067-2072.		246
6	Missing Quasiparticles and the Chemical Potential Puzzle in the Doping Evolution of the Cuprate Superconductors. Physical Review Letters, 2004, 93, 267002.	7.8	242
7	Fermi Surface, Surface States, and Surface Reconstruction inSr ₂ RuO ₄ . Physical Review Letters, 2000, 85, 5194-5197.	7.8	235
8	Bilayer Splitting in the Electronic Structure of Heavily OverdopedBi ₂ Sr ₂ CaCu ₂ O ₈ + δ . Physical Review Letters, 2001, 86, 5550-5553.	7.8	227
9	Heat Conduction in the Vortex State ofNbSe ₂ : Evidence for Multiband Superconductivity. Physical Review Letters, 2003, 90, 117003.	7.8	210
10	Thermal conductivity across the phase diagram of cuprates: Low-energy quasiparticles and doping dependence of the superconducting gap. Physical Review B, 2003, 67, .	3.2	208
11	Epitaxial nanotwinned Cu films with high strength and high conductivity. Applied Physics Letters, 2008, 93, .	3.3	192
12	Anomalous Electronic Structure and Pseudogap Effects inNd _{1.85} Ce _{0.15} CuO ₄ . Physical Review Letters, 2001, 87, 147003.	7.8	175
13	Pressure-induced superconductivity in CaFe ₂ As ₂ . Journal of Physics Condensed Matter, 2008, 20, 322204.	1.8	170
14	Superconducting Gap Anisotropy inNd _{1.85} Ce _{0.15} CuO ₄ : Results from Photoemission. Physical Review Letters, 2001, 86, 1126-1129.	7.8	161
15	Superconducting Gap and Strong In-Plane Anisotropy in UntwinnedYBa ₂ Cu ₃ O ₇ + δ . Physical Review Letters, 2001, 86, 4370-4373.	7.8	150
16	Synthesis and properties of CaFe ₂ As ₂ single crystals. Journal of Physics Condensed Matter, 2008, 20, 322201.	1.8	136
17	The first order phase transition and superconductivity in BaNi ₂ As ₂ single crystals. Journal of Physics Condensed Matter, 2008, 20, 342203.	1.8	134
18	Superconductivity in the Heusler family of intermetallics. Physical Review B, 2012, 85, .	3.2	126

#	ARTICLE	IF	CITATIONS
19	Electronic correlation and magnetism in the ferromagnetic metal FeMnSi . Physical Review B, 2016, 93, .	8.2	119
20	Magnetotransport of single crystalline NbAs. Journal of Physics Condensed Matter, 2015, 27, 152201.	1.8	117
21	Superconductivity in $\text{SrNi}_2\text{P}_2\text{O}_{10}$ crystals. Physical Review B, 2008, 78, .	2.3	105
22	Structure and anisotropic properties of $\text{SrNi}_2\text{P}_2\text{O}_{10}$		

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37	Sequential Spin Polarization of the Fermi Surface Pockets in URu_2Si_2 . Its Implications for the Hidden Order. <i>Physical Review Letters</i> , 2011, 106, 146403.	7.8	70
38	Evidence for a pressure-induced antiferromagnetic quantum critical point in intermediate-valence UTe_2 . <i>Science Advances</i> , 2020, 6, .	10.3	69
39	Inducing superconductivity in Weyl semimetal microstructures by selective ion sputtering. <i>Science Advances</i> , 2017, 3, e1602983.	10.3	68
40	Observation of the Hybridization Gap and Fano Resonance in the Kondo Lattice URu_2Si_2 . <i>Physical Review Letters</i> , 2012, 108, 246403.	7.8	67
41	Electron-hole compensation effect between topologically trivial electrons and nontrivial holes in NbAs. <i>Physical Review B</i> , 2015, 92, .	3.2	66
42	Superconductivity in CeCoIn_5 : Veil over an Ordered State or Novel Quantum Critical Point?. <i>Physical Review Letters</i> , 2005, 94, 047001.	7.8	65
43	Successive Orbital Ordering Transitions in NaVO_2 . <i>Physical Review Letters</i> , 2008, 101, 166402.	7.8	65
44	Pressure study of quantum criticality in CeCoIn_5 . <i>Physical Review B</i> , 2006, 73, .	3.2	62
45	Delocalized Fermions in Underdoped Cuprate Superconductors. <i>Physical Review Letters</i> , 2005, 94, 147004.	7.8	61
46	Colossal anomalous Nernst effect in a correlated noncentrosymmetric kagome ferromagnet. <i>Science Advances</i> , 2021, 7, .	10.3	61
47	Pressure-induced superconducting state of antiferromagnetic CaFe_2As_2 . <i>Physical Review B</i> , 2009, 80, .	3.2	58
48	Doping-dependent specific heat study of the superconducting gap in BaFe_2As_2 in single-crystalline BaFe_2As_2 . <i>Physical Review B</i> , 2010, 81, .	3.2	58
49	by CaFe_2As_2 . <i>Physical Review B</i> , 2009, 79, .	3.2	56
50	Ni_2X_2 (X=pnictide, chalcogenide, or B) based superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2009, 469, 396-403.	1.2	56
51	Significant enhancement of the strength-to-resistivity ratio by nanotwins in epitaxial Cu films. <i>Journal of Applied Physics</i> , 2009, 106, .	2.5	55
52	Low-Temperature Magnetothermal Transport Investigation of a Ni-Based Superconductor BaNi_2As_2 . Evidence for Fully Gapped Superconductivity. <i>Physical Review Letters</i> , 2009, 102, 147004.	7.8	54
53	Large magnetoresistance in the antiferromagnetic semimetal NdSb. <i>Physical Review B</i> , 2016, 93, .	3.2	54
54	Magnetic torque anomaly in the quantum limit of Weyl semimetals. <i>Nature Communications</i> , 2016, 7, 12492.	12.8	54

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#	ARTICLE	IF	CITATIONS
73	Quantum Oscillations in Flux-Grown SmB_6 with Embedded Aluminum. <i>Physical Review Letters</i> , 2019, 122, 166401.	12.8	37
74	Field-induced density wave in the heavy-fermion compound CeRhIn_5 . <i>Nature Communications</i> , 2015, 6, 6663.	12.8	36
75	BaTAs ₂ single crystals (T=Fe, Co, Ni) and superconductivity upon Co-doping. <i>Physica C: Superconductivity and Its Applications</i> , 2009, 469, 350-354.	1.2	35
76	Intertwined Orders in Heavy-Fermion Superconductor CeCoIn_5 . <i>Physical Review X</i> , 2016, 6, .	8.9	35
77	Observation of Dirac-like semi-metallic phase in NdSb . <i>Journal of Physics Condensed Matter</i> , 2016, 28, 23LT02.	1.8	35
78	Structure and Properties of a New Family of Nearly Equiatomic Rare-Earth Metal-Tin-Germanides $\text{RESn}_{1+x}\text{Ge}_{1-x}$ (RE = Y, Gd~Tm): an Unusual Example of Site Preferences Between Elements from the Same Group. <i>Chemistry of Materials</i> , 2008, 20, 2151-2159.	6.7	34
79	Anisotropic Effect of Cd and Hg Doping on the Pauli Limited Superconductor CeCoIn_5 . <i>Physical Review Letters</i> , 2008, 101, 037001.	7.8	34
80	Electronic structure and correlation effects in PuCoIn_5 as compared to PuCoGa_5 . <i>Europhysics Letters</i> , 2012, 97, 57001.	2.0	34
81	Pressure-tuned quantum criticality in the antiferromagnetic Kondo semimetal CeNi_2As_2 . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13524-13529.	7.1	34
82	Study of the effect of impurities on the first-order spin-density-wave transition in CeNi_2As_2 . <i>Physical Review B</i> , 2016, 93, 120407.	3.2	33
83	Magnetically induced superconductivity in AlB_2 : A local-moment Kondo metal. <i>Physical Review Letters</i> , 2008, 101, 077001.	3.2	32
84	Magnitude of the Magnetic Exchange Interaction in the Heavy-Fermion Antiferromagnet CeRhIn_5 . <i>Physical Review Letters</i> , 2014, 113, 246403.	7.8	32
85	Non-Fermi-liquid behavior in CeRhIn_5 near a metamagnetic transition. <i>Physical Review B</i> , 2004, 70, .	3.2	31
86	Surface state reconstruction in ion-damaged SmB_6 . <i>Physical Review B</i> , 2015, 91, .	3.2	31
87	Spatially inhomogeneous superconductivity in UTe_2 . <i>Physical Review B</i> , 2021, 104, .	3.2	31
88	Comparing the anomalous Hall effect and the magneto-optical Kerr effect through antiferromagnetic phase transitions in Mn_3Sn . <i>Applied Physics Letters</i> , 2019, 114, .	3.3	29
89	c-axis magnetotransport in CeCoIn_5 . <i>Physical Review B</i> , 2005, 72, .	3.2	28
90	Electronic Tuning and Uniform Superconductivity in CeCoIn_5 . <i>Physical Review Letters</i> , 2012, 109, 186402.	7.8	28

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91	Thermal Conductivity in the Vicinity of the Quantum Critical End Point in Sr ₃ Ru ₂ O ₇ . Physical Review Letters, 2006, 97, 067005.	7.8	27
92	Local structure and site occupancy of Cd and Hg substitutions in $\text{In}_{1-x}\text{Ce}_x\text{Tl}_2$. Physical Review B, 2006, 73, 040407.	3.2	27
93	Antiferromagnetic quantum critical point in CePtIn_2 . Physica B: Condensed Matter, 2006, 378-380, 142-143.	2.7	26
94	Pressure phase diagram and quantum criticality of CePtIn_2 . Physical Review B, 2013, 88, 040407.	3.2	26
95	Ferromagnetic quantum critical point in UO_2 and UO_2Fe . Physical Review B, 2013, 88, 040407.	3.2	26
96	Superconductivity at 2.2 K in the layered oxypnictide $\text{La}_3\text{Ni}_4\text{P}_4\text{O}_{20}$. Physical Review B, 2009, 79, 040407.	3.2	25
97	Fermi surface of CePt_2In_7 : A two-dimensional analog of CeIn_3 . Physical Review B, 2011, 83, 040407.	3.2	25
98	Transport and thermodynamic properties of CaTl_2 . Physical Review B, 2011, 83, 040407.	3.2	25
99	CeIn_3 : Superconductivity on a magnetic instability. Physical Review B, 2014, 89, 040407.	3.2	25
100	Influence of Defects on the Charge Density Wave of $(\text{SnSe})_{1-x}\text{Te}_x$. ACS Nano, 2015, 9, 8440-8448.	14.6	25
101	Strong electronic correlations in uranium: Localized uranium heavy-fermion U_2M_2 . Physical Review B, 2015, 91, 040407.	3.2	25

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109	Angle-Resolved Photoemission Spectroscopy of (Ca,Na)2CuO2Cl2 Crystals: Fingerprints of a Magnetic Insulator in a Heavily Underdoped Superconductor. Journal of the Physical Society of Japan, 2003, 72, 1018-1021.	1.6	20
110	Mixed-Valence Perovskite Thin Films by Polymer-Assisted Deposition. Journal of the American Ceramic Society, 2008, 91, 1858-1863.	3.8	20
111	Single crystal study of the heavy-fermion antiferromagnet CePt ₂ In ₇ . Journal of Physics Condensed Matter, 2012, 24, 015601.	1.8	20
112	Direct measurement of the magnetic penetration depth by magnetic force microscopy. Superconductor Science and Technology, 2012, 25, 112001. Pressure-tuned point-contact spectroscopy of URu	3.5	19
113	Large magnetic penetration depth and thermal fluctuations in a superconducting CaSi ₂ from hidden order to antiferromagnetic states: Similarity of the Fermi surface mapping. Physical Review B, 2012, 85, .	3.2	19
114			

#	ARTICLE	IF	CITATIONS
127	High purity specimens of URu ₂ Si ₂ produced by a molten metal flux technique. Philosophical Magazine, 2014, 94, 3663-3671.	1.6	17
128	Coexistence of Antiferromagnetism with Superconductivity in CePt ₂ As ₂ . Microscopic Phase Diagram Determined by Reemergent Superconductivity and Avoided Quantum Criticality in Cd-Doped CePt ₂ As ₂ . Physical Review Letters, 2015, 114, 146403.	7.8	17
129	Reemergent Superconductivity and Avoided Quantum Criticality in Cd-Doped CePt ₂ As ₂ . Physical Review Letters, 2015, 114, 146403.	7.8	17
130	Hard crystalline lattice in the Weyl semimetal NbAs. Journal of Physics Condensed Matter, 2016, 28, 055502.	1.8	17
131	Specific heat at the magnetic order transitions in RbFe (MoO). Physica B: Condensed Matter, 2004, 354, 297-299.	2.7	16
132	Quantum oscillations in antiferromagnetic CaFe ₂ As ₂ on the brink of superconductivity. Journal of Physics Condensed Matter, 2009, 21, 322202.	1.8	16
133	Evidence for nodes or deep minima in the superconducting gap of underdoped and overdoped		

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145	<p>Resonance scattering and scaling behavior in URu_2Si_2. <i>Physical Review B</i>, 2010, 82, .</p> <p>Anisotropic Spin Fluctuations and Superconductivity in Ce_{115}Fe-Heavy Fermion Compounds: Co_5NMR Study in PuCoGa_5. <i>Physical Review Letters</i>, 2010, 105, 217002.</p>	3.2	14
147	<p>Synthesis, structure and physical properties of $\text{YbNi}_3\text{Al}_{9.23}$. <i>Journal of Physics Condensed Matter</i>, 2011, 23, 086002.</p> <p>Magnetic field-tuned localization of the d_{xy} orbital in URu_2Si_2. <i>Physical Review B</i>, 2013, 88, .</p>	1.8	14
148	<p>Competing magnetic orders in the superconducting state of heavy-fermion CeRhIn_5. <i>Proceedings of the National Academy of Sciences of the United States of America</i>, 2017, 114, 5384-5388.</p>	3.2	14
149	<p>Emergent magnetic anisotropy in the cubic heavy-fermion metal CeIn_3. <i>Npj Quantum Materials</i>, 2017, 2, .</p>	7.1	14
150	<p>Pressure tuned ferromagnetism in $\text{CeRu}_2\text{M}_2\text{X}$ (M = Al, Ga; X = B, C). <i>Journal of Physics Condensed Matter</i>, 2012, 24, 325601.</p>	5.2	14
151	<p>High Pressure Synthesis and Magnetic Properties of Cubic B20 MnGe and CoGe. <i>Solid State Phenomena</i>, 0, 190, 225-228.</p>	1.8	13
152	<p>Thermodynamic Signatures of Weyl Fermions in NbP. <i>Scientific Reports</i>, 2019, 9, 2095.</p>	0.3	13
153	<p>Structural chemistry and magnetic properties of $\text{RE}_2[\text{Sn}_x\text{Ge}_{1-x}]_5$ (RE=Nd, Sm) and $\text{RE}[\text{Sn}_x\text{Ge}_{1-x}]_2$ (RE=Gd, Tb): Four new rare-earth metal intermetallic compounds with germanium zig-zag chains and tin square-nets. <i>Journal of Alloys and Compounds</i>, 2009, 488, 511-517.</p>	3.3	13
154	<p>Single-crystal neutron diffraction studies on Ni-based metal-pnictide superconductor BaNi_2As_2. <i>Journal of Physics: Conference Series</i>, 2010, 251, 012010.</p> <p>Fully gapped superconductivity in SrNi_2P_2. <i>Physical Review B</i>, 2017, 95, .</p>	5.5	12
155	<p>Computationally driven experimental discovery of the CePd_4Si_2 superconductor. <i>Physical Review B</i>, 2017, 95, .</p>	0.4	12
156	<p>Suppression of antiferromagnetism by pressure in CaCo_2P_2. <i>Physical Review B</i>, 2014, 89, .</p>	3.2	12
157	<p>Structural and transport properties of epitaxial $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$ thin films on various substrates. <i>Superconductor Science and Technology</i>, 2014, 27, 115010.</p>	3.2	12
158	<p>Complex magnetism and strong electronic correlations in Ce_2PdGe_3. <i>Physical Review B</i>, 2015, 91, .</p>	3.2	12
159	<p>Promising superconductivity in CeCoSi_2. <i>Physical Review B</i>, 2015, 91, .</p>	3.2	12
160	<p>Structural and transport properties of epitaxial $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$ thin films on various substrates. <i>Superconductor Science and Technology</i>, 2014, 27, 115010.</p>	3.5	12
161	<p>Complex magnetism and strong electronic correlations in Ce_2PdGe_3. <i>Physical Review B</i>, 2015, 91, .</p>	3.2	12

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163	Unconventional quantum criticality in the pressure-induced heavy-fermion superconductor CeRhIn ₅ . Journal of Physics Condensed Matter, 2011, 23, 094218.	1.8	11
164	Superconducting gap structure of the 115s revisited. Journal of Physics Condensed Matter, 2012, 24, 294206.	1.8	11
165	Aligned carbon nanotubes sandwiched in epitaxial NbC film for enhanced superconductivity. Nanoscale, 2012, 4, 2268.	5.6	11
166	Investigation of the physical properties of the tetragonal CeMAl ₄ Si ₂ (M = Rh, Ir, Pt) compounds. Journal of Physics Condensed Matter, 2015, 27, 025601.	1.8	11
167	Experimental and theoretical study of topology and electronic correlations in PuB_4 . Physical Review B, 2018, 97, .		
168	Electron removal self-energy and its application to Ca ₂ CuO ₂ Cl ₂ . Physical Review B, 2007, 76, .	3.2	10
169	Kondo behavior, ferromagnetic correlations, and crystal fields in the heavy fermion compounds Ce_3B_2 .		

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181	Non-monotonic pressure dependence of high-field nematicity and magnetism in CeRhIn5. Nature Communications, 2020, 11, 3482.	12.8	9
182	Anisotropy of antiferromagnetic spin fluctuations in the heavy fermion superconductors of CeMIn5 and PuMGa5 (M=Co, Rh). Materials Research Society Symposia Proceedings, 2010, 1264, 1.	0.1	8
183	Crystal fields, disorder, and antiferromagnetic short-range order in $\text{Ru}_2\text{Si}_2\text{P}_2$. Physical Review B, 2011, 84, .	3.2	8
184	Hidden order and hybridization gap in URu_2Si_2 via quasiparticle scattering spectroscopy. Philosophical Magazine, 2014, 94, 3737-3746.	1.6	8
185	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
186	Large tunable anomalous Hall effect in the kagome antiferromagnet URu_3P_4 . Physical Review B, 2020, 102, .	3.2	8
187	Superfluid density and anomalous vortex dynamics in URu_2Si_2 . Physical Review B, 2021, 103, .	3.2	8
188	Magnetism and unconventional superconductivity in isostructural cerium and plutonium compounds. Journal of Magnetism and Magnetic Materials, 2007, 310, 532-535.	2.3	7
189	Magnetic order and heavy fermion behavior in $\text{CePd}_{1+x}\text{Al}_6\text{As}_x$: Synthesis, structure, and physical properties. Journal of Solid State Chemistry, 2010, 183, 707-711.	2.9	7
190	Transforming insulating rutile single crystal into a fully ordered nanometer-thick transparent semiconductor. Nanotechnology, 2010, 21, 415303.	2.6	7
191	Magnetic order in $\text{Pu}_2\text{M}_3\text{Si}_5$ (M = Co, Ni). Journal of Physics Condensed Matter, 2011, 23, 094223.	1.8	7
192	Fully gapped superconductivity in Ni-pnictide superconductors BaNi_2As_2 and SrNi_2P_2 . Journal of Physics: Conference Series, 2011, 273, 012097.	0.4	7
193	Emergent Antiferromagnetism out of the "Hidden-Order" State in URu_2Si_2 : High Magnetic Field Nuclear Magnetic Resonance to 40 ÅT. Physical Review Letters, 2014, 112, 236401.	7.8	7
194	Magnetism and superconductivity in PtRh_2C_2 . Physical Review B, 2010, 82, .	3.2	7
195	Physical properties and electronic structure of La_3Co and La_3Ni intermetallic superconductors. Physica C: Superconductivity and Its Applications, 2016, 528, 73-83.	1.2	7
196	Thermal and magnetic properties of the low-temperature antiferromagnet Ce_4Ru_6 . Physical Review B, 2010, 82, .	3.2	6
197	Crystal Structure, Magnetic and Transport Properties of $\text{CeRu}_2\text{Ni}_x\text{Al}$ ($x = 0.5$). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 1996-2000.	1.2	6
198	Single crystal study of antiferromagnetic CePd_3Al_9 . Journal of Physics Condensed Matter, 2014, 26, 025601.	1.8	6

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199	Local characterization of a heavy-fermion superconductor via sub-Kelvin magnetic force microscopy. Applied Physics Letters, 2020, 117, .	3.3	6
200	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
201	Hybridization-driven gap in $\text{U}_3\text{Bi}_4\text{Ni}_3$: AB209iNMR/NQR study. Physical Review B, 2009, 79, .	3.2	5
202	Quenching of ferromagnetism in $\hat{\Gamma}^2\text{-UB}_2\text{C}$ and UNiSi_2 at high pressure. Journal of Physics: Conference Series, 2011, 273, 012014.	0.4	5
203	Fully gapped superconductivity in BaNi_2As_2 . $K < 0.55$ Hole doping effect on superconductivity in $\text{Ce}(\text{Co}_{1-x}\text{Ti}_x)\text{In}_5$. $T_c = 10.0 \text{ K}$ $T_c = 5.67 \text{ Td}$	3.2	5
204		3.2	5
205	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
206	Suppression of hybridization by Cd doping in CeCoIn_5 . $T_c = 10.0 \text{ K}$	3.2	5
207	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
208	Pulsed laser deposition of CeCoIn_5 thin films. Physica C: Superconductivity and Its Applications, 2010, 470, S568-S569.	1.2	4
209	Pressure dependence of BaNi_2As_2 . Journal of Physics: Conference Series, 2010, 200, 012155.	0.4	4
210	PuPtIn_2 . $T_c = 7 \text{ K}$	3.2	4
211	Detection of a Spin-Triplet Superconducting Phase in Oriented Polycrystalline U_2PtC_2 Samples Using ^{195}Pt Nuclear Magnetic Resonance. Physical Review Letters, 2015, 114, 127001.	7.8	4
212	Quantum critical fluctuations in the heavy fermion compound $\text{Ce}(\text{Ni}_{0.935}\text{Pd}_{0.065})_2\text{Ge}_2$. Journal of Physics Condensed Matter, 2015, 27, 015602.	1.8	4
213	Resonances in the Field-Angle-Resolved Thermal Conductivity of CeCoIn_5 . Physical Review Letters, 2017, 118, 197001.	7.8	4
214	Multicomponent fluctuation spectrum at the quantum critical point in $\text{CeCu}_6\hat{a}^x\text{Ag}_x$. Npj Quantum Materials, 2019, 4, .	5.2	4
215	Quantum-well states in fractured crystals of the heavy-fermion material CeCoIn_5 . Physical Review B, 2020, 102, .	3.2	4
216	Predicting and Synthesizing Interface Stabilized 2D Layers. Chemistry of Materials, 2021, 33, 5076-5084.	6.7	4

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217	Weyl Fermion magneto-electrodynamics and ultralow field quantum limit in TaAs. Science Advances, 2022, 8, eabj1076.	10.3	4
218	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
219	Physical properties of the uranium ternary compounds $U_3Bi_4M_3$ (M=Ni,Rh). Physical Review B, 2008, 77, .	3.2	3
220	Commensurate magnetic structure of $CeRhIn_4.85Hg_{0.15}$. Physical Review B, 2009, 79, .	3.2	3
221	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
222	Magnetic frustration effects in uranium intermetallics. Journal of Physics: Conference Series, 2011, 273, 012036.	0.4	3
223	NMR/NQR Study of pressure-induced superconductor $CePt_2In_7$. Journal of Physics: Conference Series, 2012, 391, 012057.	0.4	3
224	Building blocks for correlated superconductors and magnets. APL Materials, 2015, 3, .	5.1	3
225	Nuclear magnetic resonance investigation of the heavy fermion system $Ce_2CoAl_7Ge_4$. Physical Review B, 2017, 96, .	3.2	3
226	Local moments in the heterogeneous electronic state of Cd-substituted $CeCoIn_5$: NQR relaxation rates. Journal of Physics: Conference Series, 2017, 807, 032001.	0.4	3
227	Spectroscopic evidence for two-gap superconductivity in the quasi-1D chalcogenide $Nb_2Pd_{0.81}S_5$. Journal of Physics Condensed Matter, 2018, 30, 165401.	1.8	3
228	Hybridization effect on the x-ray absorption spectra for actinide materials: Application to B_4 . Physical Review B, 2020, 102, .	3.2	3
229	Induced by nonmagnetic Zn dopants in the quantum critical metal $CeCoIn_5$: NQR/NMR and ^{115}In NMR. Physical Review B, 2020, 102, .	3.2	3
230	Low-temperature specific heat of. Journal of Magnetism and Magnetic Materials, 2007, 310, 325-327.	2.3	2
231	Unusual temperature dependence in the low-temperature specific heat of U_3 . Physical Review B, 2008, 78, .	3.2	2
232	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
233	Superconductivity in the Rh-based Heusler family M_2Rh . Physical Review B, 2010, 82, .	3.2	2
234	Materials Prediction Scores a Hit. Physics Magazine, 2013, 6, .	0.1	2

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235	Electronic structure of $U_{2}PtC_{2}$ and $U_{2}RhC_{2}$. Journal of Physics: Conference Series, 2015, 592, 012037.	0.4	2
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237	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
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