Eric Bauer

List of Publications by Year
in descending order

425 papers	13,095 citations	22099 59 h-index	38300 95 g-index
437 all docs	437 docs citations	437 times ranked	8088 citing authors

#	Article	IF	Citations
1	Superconductivity in diamond. Nature, 2004, 428, 542-545.	13.7	1,012
2	Coupled Superconducting and Magnetic Order in CeCoIn ₅. Science, 2008, 321, 1652-1654.	6.0	299
3	Unconventional superconductivity in PuCoGa5. Nature, 2005, 434, 622-625.	13.7	267
4	Constraints on the superconducting order parameter in Sr2RuO4 from oxygen-17 nuclear magnetic resonance. Nature, 2019, 574, 72-75.	13.7	264
5	NMR and NQR studies of the heavy fermion superconductorsCeTIn5â€,(T=Coand Ir). Physical Review B, 2001, 64, .	1.1	230
6	Heavy Fermion Superconductivity in the Filled Skutterudite Compound PrOs₄Sb₁₂. Journal of the Physical Society of Japan, 2002, 71, 23-28.	0.7	185
7	Visualizing heavy fermions emerging in a quantum critical Kondo lattice. Nature, 2012, 486, 201-206.	13.7	176
8	Visualizing nodal heavy fermion superconductivity in CeCoIn5. Nature Physics, 2013, 9, 474-479.	6.5	174
9	Low-Temperature Specific Heat of the Heavy-Fermion SuperconductorPrï»¿Os4Sb12. Physical Review Letters, 2003, 90, 057001.	2.9	172
10	Pressure-induced superconductivity in CaFe₂As₂. Journal of Physics Condensed Matter, 2008, 20, 322204.	0.7	170
11	Intermediate valence in the filled skutterudite compoundYbFe4Sb12. Physical Review B, 1998, 58, 6287-6290.	1.1	152
12	Hybridization Gap in Heavy Fermion Compounds. Physical Review Letters, 2001, 86, 684-687.	2.9	152
13	Synthesis and properties of CaFe₂As₂single crystals. Journal of Physics Condensed Matter, 2008, 20, 322201.	0.7	136
14	The first order phase transition and superconductivity in BaNi₂As₂single crystals. Journal of Physics Condensed Matter, 2008, 20, 342203.	0.7	134
15	Crystal Field Potential ofPrOs4Sb12: Consequences for Superconductivity. Physical Review Letters, 2004, 93, 157003.	2.9	131
16	Electronic correlation and magnetism in the ferromagnetic metal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Fe</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>Physical Review B, 2016, 93, .	3.7	119
17	Magnetotransport of single crystalline NbAs. Journal of Physics Condensed Matter, 2015, 27, 152201.	0.7	117
18	Structural Tuning of Unconventional Superconductivity inPuMGa5(M=Co,Rh). Physical Review Letters, 2004, 93, 147005.	2.9	114

#	Article	IF	Citations
19	Decamethylytterbocene Complexes of Bipyridines and Diazabutadienes: Multiconfigurational Ground States and Open-Shell Singlet Formation. Journal of the American Chemical Society, 2009, 131, 6480-6491.	6.6	112
20	Coexistence of superconductivity and antiferromagnetism inCeRh1âˆ’xCoxIn5. Physical Review B, 2001, 65, .	1.1	106
21	Muon Spin Relaxation and Isotropic Pairing in SuperconductingPrOs4Sb12. Physical Review Letters, 2002, 89, 157001.	2.9	106
22	Superconductivity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>SrNi</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:ms crystals. Physical Review B, 2008, 78, .	1.1	105
23	Superconducting Vortices in CeCoIn ₅ : Toward the Pauli-Limiting Field. Science, 2008, 319, 177-180.	6.0	104
24	Thermoelectric properties of chemically substituted skutterudites YbyCo4SnxSb12âˆ’x. Journal of Applied Physics, 2000, 88, 1948-1951.	1.1	103
25	Structure and anisotropic properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"		

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37	Magnetic phase diagram of the ferromagnetic Kondo-lattice compoundCeAgSb2up to 80 kbar. Physical Review B, 2003, 67, .	1.1	85
38	Metallic behavior of the Zintl phase EuGe2: combined structural studies, property measurements, and electronic structure calculations. Journal of Solid State Chemistry, 2004, 177, 3545-3552.	1.4	77
39	Crystal-field and Kondo-scale investigations of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>Ce</mml:mtext><mml:mi>M</mml:mi><mml:msub><mml:mrow><mml:mtext>In</mml:m	1.1	74
40	Anomalous electronic structure and magnetoresistance in TaAs2. Scientific Reports, 2016, 6, 27294.	1.6	74
41	Ytterbocene Charge-Transfer Molecular Wire Complexes. Journal of the American Chemical Society, 2006, 128, 7230-7241.	6.6	72
42	Superconductivity and the effects of pressure and structure in single-crystalline<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>SrNi</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:ms Physical Review B, 2009, 79, .	1.1	72
43	Magnetic phase dependence of the anomalous Hall effect in Mn3Sn single crystals. Applied Physics Letters, 2018, 112, .	1.5	71
44	Quantum limit transport and destruction of the Weyl nodes in TaAs. Nature Communications, 2018, 9, 2217.	5.8	71
45	Sequential Spin Polarization of the Fermi Surface Pockets 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:mm Its Implications for the Hidden Order. Physical Review Letters, 2011, 106, 146403.	2.9	70
46	Evidence for a pressure-induced antiferromagnetic quantum critical point in intermediate-valence UTe ₂. Science Advances, 2020, 6, .	4.7	69
47	Inducing superconductivity in Weyl semimetal microstructures by selective ion sputtering. Science Advances, 2017, 3, e1602983.	4.7	68
48	Observation of the Hybridization Gap and Fano Resonance in the Kondo Lattice<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, 108, 246403.	2.9	67
49	Fermi surface reconstruction and multiple quantum phase transitions in the antiferromagnet CeRhIn ₅. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 673-678.	3.3	67
50	Electron-hole compensation effect between topologically trivial electrons and nontrivial holes in NbAs. Physical Review B, 2015, 92, .	1.1	66
51	Superconductivity inCeCoIn5â^'xSnx: Veil over an Ordered State or Novel Quantum Critical Point?. Physical Review Letters, 2005, 94, 047001.	2.9	65
52	Non-Fermi-Liquid Behavior within the Ferromagnetic Phase inURu2â^'xRexSi2. Physical Review Letters, 2005, 94, 046401.	2.9	65
53	Superconducting and normal-state properties of heavily hole-doped diamond. Physical Review B, 2005, 71, .	1.1	65
54	Correlation between ground state and orbital anisotropy in heavy fermion materials. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2384-2388.	3.3	65

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55	Imaging the Three-Dimensional Fermi-Surface Pairing near the Hidden-Order Transition 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:mm Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2013, 111, 127002.	2.9	64
56	Crystalline electric field effects inCeMIn5(M=Co,Rh,Ir):â€‚Superconductivity and the influence of Kondo spin fluctuations. Physical Review B, 2004, 70, .	1.1	63
57	Investigation of ferromagnetic filled skutterudite compounds EuT4Sb12(T = Fe, Ru, Os). Journal of Physics Condensed Matter, 2004, 16, 5095-5107.	0.7	63
58	Optical properties ofMFe4P12filled skutterudites. Physical Review B, 1999, 60, 11321-11328.	1.1	62
59	Pressure study of quantum criticality inCeCoIn5. Physical Review B, 2006, 73, .	1.1	62
60	Colossal anomalous Nernst effect in a correlated noncentrosymmetric kagome ferromagnet. Science Advances, 2021, 7, .	4.7	61
61	Comparison of bulk-sensitive spectroscopic probes of Yb valence in Kondo systems. Physical Review B, 2007, 75, .	1.1	59
62	Towards the Identification of a Quantum Critical Line in the (<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 487 Td (xmlns:mml="htt	2.9	59
63	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>CeCoIn<mm Pressure-induced superconducting state of antiferromagnetic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CaFe</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:m Physical Review B, 2009, 80, .	1.1	58
64	Doping-dependent specific heat study of the superconducting gap in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>Ba</mml:mtext><mml:msub><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mrow Physical Review B, 2010, 81, .	1.1	58
65	Disorder in quantum critical superconductors. Nature Physics, 2014, 10, 120-125.	6.5	57
66	First-order magnetic transition in single-crystalline<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CaFe</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:m by<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mtext>A</mml:mtext><mml:mprescripts /><mml:none /><mml:mrow><m. Physical Review B, 2009, 79, .	1.1	56
67	Ni2X2 (X=pnictide, chalcogenide, or B) based superconductors. Physica C: Superconductivity and Its Applications, 2009, 469, 396-403.	0.6	56
68	Low-Temperature Magnetothermal Transport Investigation of a Ni-Based Superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>BaNi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>As</mml:mi><mml:m Evidence for Fully Gapped Superconductivity. Physical Review Letters, 2009, 102, 147004.	2.9	54
69	Evidence for a nematic component to the hidden-order parameter in URu2Si2 from differential elastoresistance measurements. Nature Communications, 2015, 6, 6425.	5.8	54
70	Large magnetoresistance in the antiferromagnetic semimetal NdSb. Physical Review B, 2016, 93, .	1.1	54
71	Magnetic torque anomaly in the quantum limit of Weyl semimetals. Nature Communications, 2016, 7, 12492.	5.8	54
72	Evidence for even parity unconventional superconductivity in Sr ₂ RuO ₄. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	54

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73			

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91	Gap structure in the electron-doped ironâ€“arsenide superconductor Ba(Fe_{0.92}Co_{0.08})₂As₂: low-temperature specific heat study. New Journal of Physics, 2010, 12, 023006.	1.2	42
92	Hybridization effects in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Ce</mml:mi><mml:mi mathvariant="normal">Co</mml:mi><mml:msub><mml:mi mathvariant="normal">In</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:mrow></mml:math>observed by neutron spectroscopy. Physical Review B, 2008, 77, .	1.1	40
93	Anomalous Thermodynamic Properties in the Quasiparticle Heavy Fermion Superconductor<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>Si<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />	1.1	40
94	Superconducting Pairs with Extreme Uniaxial Anisotropy 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:mn> Physical Review Letters, 2012, 108, 066407.	2.9	40
95	Anisotropic Critical Magnetic Fluctuations in the Ferromagnetic Superconductor UCoGe. Physical Review Letters, 2011, 107, 187202.	2.9	39
96	Electronic inhomogeneity in a Kondo lattice. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6857-6861.	3.3	39
97	Avoided valence transition in a plutonium superconductor. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3285-3289.	3.3	39
98	Single thermodynamic transition at 2 K in superconducting UTe2 single crystals. Communications Materials, 2022, 3, .	2.9	39
99	Electronic structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CeCoIn</mml:mtext></mml:mrow><mml:mn>5</mml:mn></mml:msub></mml:mrow></mml:math> angle-resolved photoemission spectroscopy. Physical Review B, 2009, 79, .	1.5	38
100	Textured Superconducting Phase in the Heavy Fermion<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>CeRhIn</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2012, 108, 077003.	2.9	38
101	Colossal magnetoresistance in a nonsymmorphic antiferromagnetic insulator. Npj Quantum Materials, 2020, 5, .	1.8	38
102	Delocalization and occupancy effects of 5f orbitals in plutonium intermetallics using L3-edge resonant X-ray emission spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2014, 194, 57-65.	0.8	37
103	Spatial control of heavy-fermion superconductivity in CeIrIn ₅. Science, 2019, 366, 221-226.	6.0	37
104	Electronic and magnetic investigation of the filled skutterudite compound CeRu4Sb12. Journal of Physics Condensed Matter, 2001, 13, 5183-5193.	0.7	36
105	Probing the Nodal Gap in the Pressure-Induced Heavy Fermion Superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>CeRhIn</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2008, 101, 177002.	2.9	36
106	Field-induced density wave in the heavy-fermion compound CeRhIn5. Nature Communications, 2015, 6, 6663.	5.8	36
107	Coherent band excitations in CePd ₃ : A comparison of neutron scattering and ab initio theory. Science, 2018, 359, 186-191.	6.0	36
108	Superconducting Quantum Critical Point in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>CeCoIn</mml:mi><mml:mrow><mml:mn>5</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi> Physical Review Letters, 2010, 105, 126401.	2.9	35

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109	Intertwined Orders in Heavy-Fermion Superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>CeCoIn</mml:mi></mml:mrow><mml:mrow><mml:mn>5</mml:mn></mml:mr	2.8	35
	Physical Review X, 2016, 6, .		
110	Observation of Dirac-like semi-metallic phase in NdSb. Journal of Physics Condensed Matter, 2016, 28, 23LT02.	0.7	35
111	Superconductivity and non-Fermi liquid behavior near antiferromagnetic quantum critical points inCeRh1â^'xCoxIn5. Physical Review B, 2005, 72, .	1.1	34
112	Limits for ordered magnetism in Pu from muon spin rotation spectroscopy. Physical Review B, 2006, 73, .	1.1	34
113	Anisotropic Effect of Cd and Hg Doping on the Pauli Limited SuperconductorCeCoIn5. Physical Review Letters, 2008, 101, 037001.	2.9	34
114	Electronic structure and correlation effects in PuCoIn 5 as compared to PuCoGa 5. Europhysics Letters, 2012, 97, 57001.	0.7	34
115	Measurement of Two Low-Temperature Energy Gaps in the Electronic Structure of Antiferromagnetic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>USb</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>Using Ultrafast Optical Spectroscopy. Physical Review Letters, 2013, 111, 057402.	2.9	34
116	Behavior of the electrical resistivity ofMnSiat the ferromagnetic phase transition. Physical Review B, 2006, 74, .	1.1	33
117	Microscopic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mtext>A</mml:mtext><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>75</mml:mn></mml:mrow></mml:mmultiscripts><mml:mtext>s</mml:mtext></mml:mrow></mml:math>NMR study of the effect of impurities on the first-order spin-density-wave transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	1.1	33
118	Chemical pressure tuning of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>URu</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>Si<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Si</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> isoelectronic substitution of Ru with Fe. Physical Review B, 2015, 91, .	1.1	33
119	One-component order parameter in URu ₂ Si ₂ uncovered by resonant ultrasound spectroscopy and machine learning. Science Advances, 2020, 6, eaaz4074.	4.7	33
120	Dependence of the Effective Masses inYbAl3on Magnetic Field and Disorder. Physical Review Letters, 2003, 90, 166404.	2.9	32
121	Evidence for the Coexistence of an Anisotropic Superconducting Gap and Nonlocal Effects in the Nonmagnetic SuperconductorLuNi2B2C. Physical Review Letters, 2004, 92, 237002.	2.9	32
122	Evidence of a hidden-order pseudogap state in URu<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>Si<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>using ultrafast optical spectroscopy. Physical Review B, 2011, 84, .	1.1	32
123	<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>Al<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>B: A local-moment	1.1	32
124	Magnitude of the Magnetic Exchange Interaction in the Heavy-Fermion Antiferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>CeRhIn</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2014, 113, 246403.	2.9	32
125	Spatially inhomogeneous superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">UTe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2021, 104, .	1.1	31
126	Quasiparticle relaxation across the spin-density-wave gap in the itinerant antiferromagnetUNiGa5. Physical Review B, 2006, 74, .	1.1	30

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127	Band-dependent emergence of heavy quasiparticles in CeCoIn<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>5</mml:mn></mml:msub></mml:math>. Physical Review B, 2013, 88, .	1.1	30
128	Zero-Field Quantum Critical Point in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>CeCoIn</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2013, 111, 107003.	2.9	30
129	Resonant torsion magnetometry in anisotropic quantum materials. Nature Communications, 2018, 9, 3975.	5.8	30
130	X-ray-absorption spectroscopy study of the heavy-fermion superconductorPrOs4Sb12. Physical Review B, 2003, 67, .	1.1	29
131	Thermodynamic and transport properties of single-crystallineUMGa5(M=Fe,Co,Ni,Ru,Rh,Pd,Os,Ir,Pt). Physical Review B, 2005, 72, .	1.1	29
132	Comparing the anomalous Hall effect and the magneto-optical Kerr effect through antiferromagnetic phase transitions in Mn3Sn. Applied Physics Letters, 2019, 114, .	1.5	29
133	Observations of Pauli paramagnetic effects on the flux line lattice in CeCoIn₅. New Journal of Physics, 2010, 12, 023026.	1.2	28
134	Electronic Tuning and Uniform Superconductivity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>CeCoIn</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2012, 109, 186402.	2.9	28
135	Pressure dependence of the electrical resistivity of the filled skutterudites LnFe4Sb12(Ln = Ce, Yb). Journal of Physics Condensed Matter, 2000, 12, 1261-1267.	0.7	27
136	Length scale effects on the electronic transport properties of nanometric Cu/Nb multilayers. Thin Solid Films, 2007, 515, 3574-3579.	0.8	27
137	Pressure-induced valence change in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>YbAl</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>: A combined high-pressure inelastic x-ray scattering and theoretical investigation. Physical Review B,	1.1	27
138	Local structure and site occupancy of Cd and Hg substitutions in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>Ce</mml:mtext><mml:mi>T</mml:mi><mml:msub><mml:mrow><mml:mtext>In</mml:mtext>	1.1	27
139	Superconductivity and the high-field ordered phase in the heavy-fermion compound PrOs4Sb12. Journal of Physics Condensed Matter, 2003, 15, S2071-S2080.	0.7	26
140	Probing the electronic structure of pure and doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>Ce</mml:mtext><mml:mi>M</mml:mi><mml:msub><mml:mrow><mml:mtext>In</mml:mtext> xmlns:mml="http://www.w3.org/1998/Math/MathML"		

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145	Detection of electronic nematicity using scanning tunneling microscopy. Physical Review B, 2013, 87, .	1.1	25
146	CeIrIn<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>5</mml:mn></mml:msub></mml:math>: Superconductivity on a magnetic instability. Physical Review B, 2014, 89, .	1.1	25
147	Probing quantum f-configurations in<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 configurations in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>URu</mml:mi><mml:mn>2</mml:mn></m U<mml:math	1.1	25
148	From antiferromagnetic and hidden order to Pauli paramagnetism in U M ₂ Si ₂ compounds with 5 f electron duality. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 30220-30227.	3.3	25
149	Physical properties of the ferromagnetic heavy-fermion compoundUIr2Zn20. Physical Review B, 2006, 74, .	1.1	24
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422	Multiple phases with intertwined magnetic and superconducting orders in Nd-doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeCoIn</mml:mi><mml:mn>5</mml:mn></mml:msub></ Physical Review B, 2018, 97, .	1.1	0
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424	Pressure dependence of antiferromagnetic and superconducting phases in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">U</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">R</mml:mi><mml:msub><mml:mi mathvariant="normal">h</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></ mathvariant="normal">P</mml:mi><mml:msub><mml:mi mathvariant="normal">t</mml:mi><mml:mi>x</	1.1	0
425	Ultrafast Dynamics of the Itinerant Antiferromagnet UNiGa5. Springer Series in Chemical Physics, 2007, , 603-605.	0.2	0