Devashibhai Adroja

List of Publications by Year
in descending order

129 papers	3,533 citations	126907 33 h-index	161849 54 g-index
129 all docs	129 docs citations	129 times ranked	2811 citing authors

#	Article	IF	Citations
1	Electronâ€“phonon superconductivity in C-doped topological nodal-line semimetal Zr₅Pt₃: a muon spin rotation and relaxation (Î¼SR) study. Journal of Physics Condensed Matter, 2022, 34, 035602.	1.8	6
2	Magnetic structure of the double perovskite La2NiIrO6 investigated using neutron diffraction. Physical Review Materials, 2022, 6, .	2.4	3
3	Metamagnetism and crystal-field splitting in pseudohexagonal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CeRh</mml:mi><mml:mn>3</mml:mn></ Physical Review B, 2022, 105, .	3.2	6
4	Signature of CEF-phonon coupling in Kondo lattice system CeCuGa₃. Journal of Physics: Conference Series, 2022, 2164, 012056.	0.4	0
5	Nodeless superconductivity in noncentrosymmetric LaRhSn. Physical Review B, 2022, 105, .	3.2	3
6	Nodeless time-reversal symmetry breaking in the centrosymmetric superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sc</mml:mi><mml:mn>5</mml:mn></ probed by muon-spin spectroscopy. Physical Review Materials, 2022, 6, .	2.4	3
7	Crystalline electric field excitations in the quantum spin liquid candidate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>NaYbSe</mml:mi><mml:mn>2</mml:mn></ Physical Review B, 2021, 103, .	3.2	32
8	Pairing symmetry of an intermediate valence superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeIr</mml:mi><mml:mn>3</mml:mn></mml:msub></mm investigated using <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î¼</mml:mi><mml:mi>SR</mml:mi></mml:mrow></mml measurements. Physical Review B, 2021, 103, .	3.2	10
9	Magnetic structure and crystal field excitations of NdOs₂Al₁₀: a neutron scattering study. Journal of Physics Condensed Matter, 2021, 33, 185802.	1.8	1
10	Probing the superconducting gap structure in the noncentrosymmetric topological superconductor ZrRuAs. Physical Review B, 2021, 103, .	3.2	12
11	Orbital effects and Affleck-Haldane-type spin dimerization in Ba4Ru3O10. Physical Review B, 2021, 103, .	3.2	1
12	Antiferromagnetic Correlations in Strongly Valence Fluctuating CeIrSn. Physical Review Letters, 2021, 126, 217202.	7.8	6
13	Dynamic spin fluctuations in the frustrated spin chain compound Li3Cu2SbO6. Physical Review B, 2021, 103, .	3.2	4
14	Complex magnetic properties associated with competing local and itinerant magnetism in $${ext {Pr}}_2 {ext {Co}}_{0.86} {ext {Si}}_{2.88}$$. Scientific Reports, 2021, 11, 13245.	3.3	8
15	Exploring a low temperature glassy state, exchange bias effect, and high magnetic anisotropy in Co₂C nanoparticles. Journal of Physics Condensed Matter, 2021, 33, 375804.	1.8	3
16	Fully gapped superconductivity with preserved time-reversal symmetry in noncentrosymmetric LaPdIn. Physical Review B, 2021, 104, .	3.2	5
17	Origin of natural and magnetic field induced polar order in orthorhombic PrFe1/2Cr1/2O3. Physical Review B, 2021, 104, .	3.2	14
18	Neutron Scattering Studies of the Breathing Pyrochlore Antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>LiGaCr</mml:mi></mml:mrow><mml:mrow><mml:mn>4</mml:mn></ mathvariant="normal">O</mml:mi></mml:mrow><mml:mrow><mml:mn>8</mml:mn></mml:mrow></mml:msub></mml:mrow></mml: Physical Review Letters, 2021, 127, 147205.	7.8	5

#	Article	IF	Citations
19	Nodeless superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Lu</mml:mi><mml:mrow><mml:mn>5</mml:mn> with broken time reversal symmetry. Physical Review B, 2021, 103, .	3.2	6
20	Crossover from Kondo semiconductor to metallic antiferromagnet with 5d -electron doping in CeFe2Al10. Physical Review B, 2021, 104, .	3.2	1
21	Crystal electric field and possible coupling with phonons in Kondo lattice <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">CeCuGa</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2021, 104, .	3.2	4
22	Superconductivity in the Layered Cage Compound Ba₃Rh₄Ge₁₆. Chinese Physics Letters, 2021, 38, 127402.	3.3	2
23	Ir 5d-band derived superconductivity in LaIr₃. Journal of Physics Condensed Matter, 2020, 32, 065602.	1.8	7
24	Magnetic ground state of the ordered double-perovskite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Sr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>YbRuO</mml:mi><mml:mn>6</mml:m : Two magnetic transitions. Physical Review B, 2020, 102, .	3.2	7
25	Effect of Nd and Rh substitution on the spin dynamics of the Kondo-insulator CeFe2Al10. Physical Review B, 2020, 102, .	3.2	3
26	Time-reversal-symmetry breaking and unconventional pairing in the noncentrosymmetric superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">La</mml:mi><mml:mn>7</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Rh</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2020, 102, .	3.2	31
27	Non-collinear Order and Spinâ€“Orbit Coupling in Sr₃ZnIrO₆. Journal of the Physical Society of Japan, 2020, 89, 064703.	1.6	4
28	Evidence of nodal superconductivity in LaFeSiH. Physical Review B, 2020, 101, .	3.2	3
29	Quantum fluctuations in the quasi-one-dimensional non-Fermi liquid system <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CeCo</mml:mi><mml:mn>2</mml:mn></mml: investigated using <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î¼</mml:mi><mml:mi>SR</mml:mi></mml:mrow></m Physical Review B, 2020, 101, .	3.2	10
30	Investigation of superconducting gap structure in HfIrSi using muon spin relaxation/rotation. Journal of Physics Condensed Matter, 2020, 32, 085601.	1.8	12
31	Observation of a neutron spin resonance in the bilayered superconductor CsCa₂Fe₄As₄F₂. Journal of Physics Condensed Matter, 2020, 32, 435603.	1.8	7
32	Muon spin rotation and neutron scattering investigations of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>B</mml:mi></mml:mrow></mml:math> -site ordered double perovskite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">S</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>DyRu</mml:mi><mml:msub><mml:mi	3.2	13
33	Two-band superconductivity with unconventional pairing symmetry in HfV2Ga4. Physical Review Research, 2020, 2, .	3.6	5
34	Experimental signatures of a three-dimensional quantum spin liquid in effective spin-1/2 Ce2Zr2O7 pyrochlore. Nature Physics, 2019, 15, 1052-1057.	16.7	92
35	Magnetic order in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Nd</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">PdSi</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> investigated using neutron scattering and muon spin relaxation. Physical Review B, 2019, 100, .	3.2	9
36	Gapless spin-liquid state in the structurally disorder-free triangular antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>NaYbO</mml:mi><mml:mn>2</mml:mn></mml:msub></m Physical Review B, 2019, 100, .	3.2	101

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37	Interplay between hybridisation gaps and unusual magnetic orders in Kondo semiconductors CeT₂Al₁₀ (Tâ€‰=â€‰Ru and Os). Philosophical Magazine, 2019, 99, 2984-2999.	1.6	2
38	Quantum Griffiths phase near an antiferromagnetic quantum critical point: Muon spin relaxation study of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ce</mml:mi><mml:msub><mml:mrow><mml:mo>(</mml:mo> Physical Review B, 2019, 99, .	3.2	9
39	First-order valence transition: Neutron diffraction, inelastic neutron scattering, and x-ray absorption investigations on the double perovskite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mn>2</mml:mn></mml:mrow><mml:mrow><mml:mi mathvariant="normal">O</mml:mi><mml:mn>6</mml:mn></mml:msub>. Physical Review B, 2019, 99, .	3.2	6
40	Probing the superconducting ground state of ZrIrSi: A muon spin rotation and relaxation study. Physical Review B, 2019, 99, .	3.2	12
41	Magnetic ground state of KCr3As3. Physical Review B, 2019, 99, .	3.2	6
42	Evidence of a Nodal Line in the Superconducting Gap Symmetry of Noncentrosymmetric <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>ThCoC</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn> Physical Review Letters, 2019, 122, 147001.	7.8	30
43	Commensurate to incommensurate magnetic phase transition in honeycomb-lattice pyrovanadate Mn2V2O7. Physical Review Materials, 2019, 3, .	2.4	9
44	Two-gap superconductivity with line nodes in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="bold">CsCa</mml:mi><mml:mn mathvariant="bold">2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">Fe</mml:mi><mml:mn mathvariant="bold">4</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">As</mml:mi><mml:mn	3.2	31
45	Nodal multigap superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>KCa</mml:mi><mml:mn>2</mml:mn></mml:mrow><mml:mrow><mml:mi mathvariant="normal">F</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2018, 97, .	3.2	38
46	Evidence of nodal gap structure in the basal plane of the FeSe superconductor. Physical Review B, 2018, 98, .	3.2	18
47	Superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ru</mml:mi><mml:mrow><mml:mn>0.55</mml:mi><mml:mi mathvariant="normal">P</mml:mi></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ru</mml:mi><mml:mrow><mml:mn>0.75</mml:mi> Physical Review B, 2018, 98, .	3.2	4
48	Multigap Superconductivity in RbCa₂Fe₄As₄F₂ Investigated Using Î¼SR Measurements. Journal of the Physical Society of Japan, 2018, 87, 124705.	1.6	15
49	A brief review on Î¼SR studies of unconventional Fe- and Cr-based superconductors. Science China: Physics, Mechanics and Astronomy, 2018, 61, 1.	5.1	29
50	Determining the local low-energy excitations in the Kondo semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CeRu</mml:mi><mml:mn>4</mml:mn></mml:mrow></mml:math> resonant inelastic x-ray scattering. Physical Review B, 2018, 98, .	3.2	14
51	Understanding the magnetism in noncentrosymmetric <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeIrGe</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> : Muon spin relaxation and neutron scattering studies. Physical Review B, 2018, 97, .	3.2	15
52	Multigap superconductivity in the charge density wave superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>LaPt</mml:mi><mml:mn>2</mml:mn></mml:mrow></mml:math> Physical Review B, 2018, 97, .	3.2	15
53	Zero-Field Ambient-Pressure Quantum Criticality in the Stoichiometric Non-Fermi Liquid System CeRhBi. Journal of the Physical Society of Japan, 2018, 87, 064708.	1.6	7
54	Unconventional superconductivity in the cage-type compound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="bold">Sc</mml:mi><mml:mn mathvariant="bold">5</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">Rh</mml:mi><mml:mn mathvariant="bold">6</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">Sn</mml:mi><mml:m	3.2	29

#	Article	IF	Citations
55	Multiband One-Dimensional Electronic Structure and Spectroscopic Signature of Tomonaga-Luttinger Liquid Behavior in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="normal">K</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow><mml:mm	7.8	48
56	Physical Review Letters, 2017, 118, 097003. Crystalline Electric-Field Randomness in the Triangular Lattice Spin-Liquid <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>YbMgGaO</mml:mi></mml:mrow><mml:mrow><mml:mn>4</mml:mn></mml:m Physical Review Letters, 2017, 118, 107202.	7.8	139
57	Superconducting gap structure in the electron doped BiS₂-based superconductor. Journal of Physics Condensed Matter, 2017, 29, 265602.	1.8	8
58	Nodal Superconducting Gap Structure in the Quasi-One-Dimensional Cs₂Cr₃As₃ Investigated Using Î¼SR Measurements. Journal of the Physical Society of Japan, 2017, 86, 044710.	1.6	36
59	Multigap superconductivity in ThAsFeN investigated using <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mrow><mml:mi mathvariant="bold">Î¼</mml:mi></mml:mrow><mml:mi mathvariant="bold">SR</mml:mi></mml:mrow></mml:math> measurements. Physical Review B, 2017, 96, .	3.2	26
60	Magnetic Structure and Excitations in CeCu_xAl_{4â€“x} System. Inorganic Chemistry, 2017, 56, 12839-12847.	4.0	14
61	Magnetic structures and excitations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CePd</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Al</mml:mi><mml:mn>10</mml:mn></mml:msub><mml:m series: Development of the â€œvibronâ€•states. Physical Review B, 2017, 95, .	3.2	18
62	Induced quadrupolar singlet ground state of praseodymium in a modulated pyrochlore. Physical Review B, 2017, 96, .	3.2	8
63	Inelastic Neutron Scattering Investigations of an Anisotropic Hybridization Gap in the Kondo Insulators: CeT₂Al₁₀ (T=Fe, Ru and Os). Solid State Phenomena, 2016, 257, 11-25.	0.3	14
64	Robust singlet dimers with fragile ordering in two-dimensional honeycomb lattice of Li2RuO3. Scientific Reports, 2016, 6, 25238.	3.3	29
65	Exploring the complex magnetic phase diagram ofCe2PdGe3: A neutron powder diffraction andÎ¼SRstudy. Physical Review B, 2016, 94, .	3.2	8
66	Crystal-field states of Kondo lattice heavy fermions<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeRuSn</mml:mi><mml:mn>3</mml:mn></mml:msub>< xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeRhSn</mml:mi><mml:mn>3</mml:mn></mml:msub>< Physical Review B, 2016, 94, .	3.2	9
67	Muon Spin Relaxation Evidence for the U(1) Quantum Spin-Liquid Ground State in the Triangular Antiferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>YbMgGaO</mml:mi></mml:mrow><mml:mrow><mml:mn>4</mml:mn></mml:mm Physical Review Letters, 2016, 117, 097201.	7.8	138
68	Crystal-field parameters of the rare-earth pyrochloresR2Ti2O7(R=Tb, Dy, and Ho). Physical Review B, 2016, 94, .	3.2	50
69	Incommensurate spin-density-wave antiferromagnetism inCeRu2Al2B. Physical Review B, 2016, 93, .	3.2	7
70	Frustrated Ising chains on the triangular lattice in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:m Physical Review B, 2016, 93, .	3.2	13
71	Structural and magnetic properties of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>5</mml:mn><mml:msup><mml:mi>d</mml:mi><mml:mn> perovskites<mml:math		

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73	Experimental observation and computational study of the spin-gap excitation in Ba3BiRu2O9. Physical Review B, 2016, 94, .	3.2	9
74	Neutron diffraction study on heavy-fermion compoundCeCrGe3. Physical Review B, 2016, 94, .	3.2	8
75	Contrasting effect of La substitution on the magnetic moment direction in the Kondo semiconductorsCeT2Al10(T=Ru,Os). Physical Review B, 2015, 92, .	3.2	9
76	Superconducting ground state of quasi-one-dimensional<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">K</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Cr</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">As</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>investigated using<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î¼</mml:mi><mml:mtext>	3.2	84
77	magnetism in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Li</mml:mi><mml:mi>R</mml:mi><mml:msub><mml:mi mathvariant="normal">F</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>(<mml:math	3.2	26
78	Muon spin rotation and neutron scattering study of the noncentrosymmetric tetragonal compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeAuAl</mml:mi><mml:mn>3</mml:mn></mml:msub></ Physical Review B, 2015, 91, .	3.2	19
79	Unconventional superconductivity in Y5Rh6Sn18 probed by muon spin relaxation. Scientific Reports, 2015, 5, 12926.	3.3	44
80	Neutron scattering andÎ¼SR studies on a Kondo lattice heavy fermion CeRuSn₃. Journal of Physics: Conference Series, 2015, 592, 012008.	0.4	9
81	Broken time-reversal symmetry probed by muon spin relaxation in the caged type superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Lu</mml:mi><mml:mn>5</mml:mn></mml:msub></mml Physical Review B, 2015, 91, .	3.2	55
82	Evidence for a hybridization gap in noncentrosymmetric<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeRuSi</mml:mi><mml:mn>3</mml:mn></mml:msub></ Physical Review B, 2015, 91, .	3.2	13
83	Unconventional xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î¼</mml:mi><mml:mi>SR</mml:mi></mml:mrow></m neutron diffraction investigations on the reentrant ferromagnetic superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi		

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91	Magnetic order in the frustrated Ising-like chain compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>Sr</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 90.	3.2	27
92	Physical properties of noncentrosymmetric superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">LaIrSi</mml:mi></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:math>: A<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>î¼</mml:mi></mml:math>SR study. Physical Review B, 2014, 90.	3.2	52
93	<mml:mrow /><mml:mrow><mml:mn>3</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:msup></mml:math>in the candidate quantum spin ice Pr<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>Sn<mml:math xmlns:mml="http://www.w3.org/1998/M	3.2	53
94	Magnetic and transport properties of PrRhSi3. Journal of Physics Condensed Matter, 2013, 25, 196003.	1.8	7
95	Competing<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>4</mml:mn><mml:mi>f</mml:mi></mml:mrow></mml:math>-electron		

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109	Density Functional Analysis of the Magnetic Structure of Li₃RuO₄: Importance of the Ruâ€“OÂ·Â·Â·Oâ€“Ru Spin-Exchange Interactions and Substitutional Ru Defects at the Li Sites. Inorganic Chemistry, 2011, 50, 9400-9405.	4.0	10
110	Signatures of spin-glass behavior in the induced magnetic moment system PrRuSi3. Physical Review B, 2011, 84, .	3.2	29
111	Muon spin relaxation and neutron diffraction investigations of quadrupolar and magnetically ordered states of YbRu2Ge2. Physical Review B, 2011, 84, .	3.2	7
112	Neutron scattering andÎ¼SR investigations of quasi-one-dimensional magnetism in the spin=3/2compound Li3RuO4. Physical Review B, 2011, 84, .	3.2	9
113	Noncollinear magnetic order in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mfrac><mml:mrow><mml:mn>1</mml:mn></mml:mr xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Sr</mml:mi><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi	3.2	10
114	Long-range ordering of reduced magnetic moments in the spin-gap compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CeOs</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:m seen via muon spin relaxation and neutron scattering. Physical Review B, 2010, 82, .	3.2	80
115	Long-range magnetic order in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CeRu</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:m via muon spin relaxation and neutron diffraction. Physical Review B, 2010, 82, .	3.2	14
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120	Spin gap in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Ce</mml:mi><mml:msub><mml:mi mathvariant="normal">Fe</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Sb</mml:mi><mml:mn>12</mml:mn></mml:msub></mml:mrow></mml:math>studied by understanding the heavy-fermion nonbehavior. Physical Review B, 2007, 76, .	3.2	14
121	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Ce</mml:mi><mml:mi mathvariant="normal">In</mml:mi><mml:msub><mml:mi mathvariant="normal">Pt</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2007, 76, .	3.2	16
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