

# Marcelo Jaime

## List of Publications by Year in descending order

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180  
papers

9,907  
citations

53660

45  
h-index

35952

97  
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190  
all docs

190  
docs citations

190  
times ranked

7389  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic and electronic phases of $U_2Rh_3Mn_4$ . Physical Review B, 2021, 103, .	1.1	4
2	Piezomagnetic switching and complex phase equilibria in uranium dioxide. Communications Materials, 2021, 2, .	2.9	9
3	Proximity to a critical point driven by electronic entropy in URu <sub>2</sub> Si <sub>2</sub> . Npj Quantum Materials, 2021, 6, .	1.8	1
4	Unusual high-field metal in a Kondo insulator. Nature Physics, 2021, 17, 788-793.	6.5	24
5	Magnetization Process of Atacamite: A Case of Weakly Coupled $S_1$ Sawtooth Chains. Physical Review Letters, 2021, 126, 207201.	2.9	16
6	Revealing three-dimensional quantum criticality by Sr substitution in Han purple. Physical Review Research, 2021, 3, .	1.3	10
7	Spin-valley locking and bulk quantum Hall effect in a noncentrosymmetric Dirac semimetal BaMnSb <sub>2</sub> . Nature Communications, 2021, 12, 4062.	5.8	32
8	Magnetoelastic standing waves induced in $UO_2$ by microsecond magnetic field pulses. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	3
9	Enhanced spin correlations in the Bose-Einstein condensate compound $Sr_3O_8$ . Physical Review B, 2020, 102, .	1.1	10
10	Unusual phase boundary of the magnetic-field-tuned valence transition in CeOs <sub>4</sub> Sb <sub>12</sub> . Physical Review B, 2020, 101, .	1.1	7
11	Thermal and magnetoelastic properties of $U_{1±}A_{1±}O_6$ in the field-induced low-temperature states. Physical Review B, 2020, 102, .	1.1	6
12	Phase stabilization by electronic entropy in plutonium. Nature Communications, 2019, 10, 3159.	5.8	8
13	Record-Breaking Magnetoresistance at the Edge of a Microflake of Natural Graphite. Advanced Engineering Materials, 2019, 21, 1900991.	1.6	2
14	Growth of nematic susceptibility in the field-induced normal state of an iron-based superconductor revealed by elastoresistivity measurements in a 65 ÅT pulsed magnet. Physical Review B, 2019, 100, .	1.1	6
15	Field Angle Tuned Metamagnetism and Lifschitz Transitions in UPt <sub>3</sub> . Scientific Reports, 2019, 9, 8162.	1.6	2
16	Comprehensive magnetic phase diagrams of the polar metal $C_2$ .		

#	ARTICLE	IF	CITATIONS
19	Enhanced Hybridization Sets the Stage for Electronic Nematicity in $\text{CeRhIn}_5$ . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> $\text{CeRhIn}_5$ . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	2.9	19
20	In-depth Study of the $\text{H-T}$ phase diagram of $\text{CeRhIn}_5$ . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	1.3	2
21	Magnetoelastics of High Field Phenomena in Antiferromagnets $\text{UO}_2$ and $\text{CeRhIn}_5$ . , 2018, .		2
22	Metastable states in the frustrated triangular compounds $\text{Ca}_3\text{O}_6$ and $\text{Ca}_6\text{O}_6$ . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> . Physical Review B, 2018, 98, .	1.1	17
23	Measurement of the angle dependence of magnetostriction in pulsed magnetic fields using a piezoelectric strain gauge. Review of Scientific Instruments, 2018, 89, 085109.	0.6	6
24	Adiabatic physics of an exchange-coupled spin-dimer system: Magnetocaloric effect, zero-point fluctuations, and possible two-dimensional universal behavior. Physical Review B, 2017, 95, .	1.1	23
25	Tricritical point of the $f$ -electron antiferromagnet $\text{USb}_2$ driven by high magnetic fields. Physical Review B, 2017, 95, .	1.1	23
26	A magnetic topological semimetal $\text{Sr}_1\text{yMn}_1\text{zSb}_2$ ( $y, z \ll 0.1$ ). Nature Materials, 2017, 16, 905-910.	13.3	135
27	Magnetic phase diagram and electronic structure of $\text{UPt}_2\text{Si}_2$ at high magnetic fields: A possible field-induced Lifshitz transition. Physical Review B, 2017, 95, .	1.1	13
28	Reduction of the low-temperature bulk gap in samarium hexaboride under high magnetic fields. Physical Review B, 2017, 95, .	1.1	10
29	Piezomagnetism and magnetoelastic memory in uranium dioxide. Nature Communications, 2017, 8, 99.	5.8	52
30	Missing magnetism in $\text{Sr}_4\text{Ru}_3\text{O}_{10}$ : Indication for Antisymmetric Exchange Interaction. Scientific Reports, 2017, 7, 3867.	1.6	10
31	Tricritical point from high-field magnetoelastic and metamagnetic effects in UN. Scientific Reports, 2017, 7, 6642.	1.6	18
32	Electronic in-plane symmetry breaking at field-tuned quantum criticality in $\text{CeRhIn}_5$ . Nature, 2017, 548, 313-317.	13.7	89
33	Selective mass enhancement close to the quantum critical point in $\text{BaFe}_2(\text{As}_1\text{xPx})_2$ . Scientific Reports, 2017, 7, 4589.	1.6	8
34	Fiber Bragg Grating Dilatometry in Extreme Magnetic Field and Cryogenic Conditions. Sensors, 2017, 17, 2572.	2.1	24
35	An FBC Optical Approach to Thermal Expansion Measurements under Hydrostatic Pressure. Sensors, 2017, 17, 2543.	2.1	9
36	Magnetic anisotropy in the frustrated spin-chain compound $\text{U}_2\text{O}_7$ . Physical Review B, 2016, 94, .	1.4	29

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37	Quasi-two-dimensional Bose-Einstein condensation of spin triplets in the dimerized quantum magnet $\text{O} \times \text{BaCl}_2$ Physical Review B, 2016, 94, .	1.2	12
38	Upper Critical Field and Kondo Effects in Fe(Te <sub>0.9</sub> Se <sub>0.1</sub> ) Thin Films by Pulsed Field Measurements. Scientific Reports, 2016, 6, 21469.	1.6	14
39	Anisotropy reversal of the upper critical field at low temperatures and spin-locked superconductivity in $K \times 2 \times 2$ Physical Review B, 2015, 91, .	1.1	55
40	Successive Magnetic-Field-Induced Transitions and Colossal Magnetoelectric Effect in $\text{Ni} \times 3$ Physical Review Letters, 2015, 115, 137201.	2.9	58
41	Suppression of antiferromagnetic ordering by magnetic field in $\text{Ce}_{0.6} \times \text{La}_{0.4} \times \text{In}_3$ Journal of Physics: Conference Series, 2015, 592, 012079.	0.3	2
42	Quantum Oscillations in a Two-Dimensional Electron Gas at the Rocksalt/Zincblende Interface of PbTe/CdTe (111) Heterostructures. Nano Letters, 2015, 15, 4381-4386.	4.5	25
43	Magnetic nanopantograph in the SrCu <sub>2</sub> (BO <sub>3</sub> ) <sub>2</sub> Shastry-Sutherland lattice. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1971-1976.	3.3	36
44	Fermi surface reconstruction and multiple quantum phase transitions in the antiferromagnet CeRhIn <sub>5</sub> . Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 673-678.	3.3	67
45	Magnetic ordering in the frustrated chain candidate $\text{BaTbO}_4$ Physical Review B, 2015, 92, .	1.1	12
46	Insight into fiber Bragg sensor response at 100-MHz interrogation rates under various dynamic loading conditions. Proceedings of SPIE, 2015, , .	0.8	1
47	Coherent pulse interrogation system for fiber Bragg grating sensing of strain and pressure in dynamic extremes of materials. Optics Express, 2015, 23, 14219.	1.7	28
48	Magnetic ordering in the frustrated chain candidate $\text{BaNdO}_4$ Physical Review B, 2014, 90, .	1.1	22
49	Magnetic ordering in the frustrated chain candidate $\text{Co} \times 2 \times 2$ Physical Review B, 2014, 90, .	1.1	17
50	Bose-Einstein condensation in quantum magnets. Reviews of Modern Physics, 2014, 86, 563-614.	16.4	292
51	Neutron study of the magnetism in NiCl <sub>2</sub> ·4SC(NH <sub>2</sub> ) <sub>2</sub> . Journal of Physics Condensed Matter, 2013, 25, 216008.	0.7	15
52	Critical magnetic fields in the rutheno-cuprates Ru(1-x)NbxSr <sub>2</sub> Eu <sub>1.4</sub> Ce <sub>0.6</sub> Cu <sub>2</sub> O <sub>10</sub> . Journal of Applied Physics, 2012, 111, 07D713.	1.1	0
53	High-Magnetic-Field Lattice Length Changes in $\text{URu} \times 2 \times 2$ Physical Review Letters, 2012, 109, 246405.	2.9	17
54	Magnetostriction and magnetic texture to 100.75 Tesla in frustrated SrCu <sub>2</sub> (BO) <sub>2</sub> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 America, 2012, 109, 12404-12407.	3.3	118

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55	Anisotropic Cascade of Field-Induced Phase Transitions in the Frustrated Spin-Ladder System Physical Review Letters, 2009, 102, 077204. Low-temperature thermodynamic properties near the field-induced quantum critical point in NiCl <sub>2</sub> (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> . Physical Review Letters, 2009, 102, 077204.	2.9	37
56	Field-induced Bose-Einstein condensation of triplons in the frustrated spin ladder system Physical Review Letters, 2009, 102, 077204.	2.9	17
57	Cascade of Magnetic Field Induced Spin Transitions in LaCoO <sub>3</sub> . Physical Review Letters, 2012, 109, 037201.	2.9	56
58	Thermal Transport and Strong Mass Renormalization in NiCl <sub>2</sub> (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> . Physical Review Letters, 2009, 102, 077204.	2.9	57
59	Effect of doping on structural and superconducting properties in Ca <sub>1-x</sub> Na <sub>x</sub> FeAs <sub>2</sub> . Physical Review Letters, 2009, 102, 077204.	1.1	28
60	AC measurement of heat capacity and magnetocaloric effect for pulsed magnetic fields. Review of Scientific Instruments, 2010, 81, 104902.	1.1	25
61	Field-controlled magnetic order in the quantum spin-ladder system Physical Review B, 2009, 79, .	1.1	80
62	Critical Properties at the Field-Induced Bose-Einstein Condensation in NiCl <sub>2</sub> (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> . Physical Review Letters, 2009, 102, 077204.	2.9	17
63	Field-Induced Bose-Einstein Condensation of Triplons up to 8 ÅK in Ca <sub>1-x</sub> Na <sub>x</sub> FeAs <sub>2</sub> . Physical Review Letters, 2009, 103, 207203.	2.9	17
64	Doping dependence of the upper critical field and Hall resistivity of LaFeAsO <sub>1-x</sub> F <sub>x</sub> (x=0, 0.025, 0.05, 0.07). Physical Review Letters, 2009, 103, 207203.	1.1	28
65	Bose-Einstein condensation of triplons in the frustrated spin ladder system Physical Review Letters, 2009, 102, 077204.	1.1	55
66	Spin Dimer Compound BaMn <sub>3</sub> As <sub>2</sub> . Physical Review Letters, 2009, 102, 077204.	2.9	37
67	Heavy holes as a precursor to superconductivity in antiferromagnetic CeIn <sub>3</sub> . Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7741-7744.	3.3	40
68	SINGLE-WALL CARBON NANOTUBES ADDITION EFFECTS ON THE SUPERCONDUCTING PROPERTIES OF MgB <sub>2</sub> . International Journal of Modern Physics B, 2009, 23, 3465-3469.	1.0	5
69	Critical behavior of the magnetization in the spin-gapped system NiCl <sub>2</sub> (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> . Journal of Applied Physics, 2009, 105, 07D501.	1.1	5
70	Magnetic field-dependent resistance measurements in the superconducting ferromagnet (Ru <sub>1-x</sub> Nb <sub>x</sub> )Sr <sub>2</sub> Eu <sub>1.4</sub> Ce <sub>0.6</sub> Cu <sub>2</sub> O <sub>10</sub> . Journal of Applied Physics, 2009, 105, 07E314.	1.1	1
71	Observation of a multiferroic critical end point. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15573-15576.	3.3	47

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73	Ultrasonic investigation of $\text{NiCl}_2\text{-4SC}(\text{NH}_4)_2$ in the vicinity of the quantum critical points. Journal of Physics: Conference Series, 2009, 145, 012069.	0.3	4
74	Magnetostriction and thermal expansion on 1D quantum spin system azurite. Journal of Physics: Conference Series, 2009, 150, 042030.	0.3	5
75	Low-energy excitations in DTN below $T_c$ ESR studies. Journal of Physics: Conference Series, 2009, 150, 042244.	0.3	2
76	Ultrasonic investigation of $\text{NiCl}_2\text{-4SC}(\text{NH}_4)_2$ . Journal of Physics: Conference Series, 2009, 150, 042016.	0.3	4
77	Magnetic order in the induced magnetic moment system. Physica B: Condensed Matter, 2008, 403, 1368-1370.	1.3	2
78	Observation of two-magnon bound states in the spin-1 anisotropic Heisenberg antiferromagnetic chain system. Physica B: Condensed Matter, 2008, 403, 1497-1499.	1.3	8
79	Spin dynamics of $\text{NiCl}_2\text{-4SC}(\text{NH}_4)_2$		

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91	Field induced metastabilities in $U(Ru_{0.96}Rh_{0.04})_2Si_2$ . <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 682-683.	0.6	0
92	Physical properties at high magnetic fields in. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 298-299.	1.0	0
93	Reduction of Néel temperature of by La doping. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 300-302.	1.0	8
94	Spin-triplet excitons and anisotropy effects in the gapped antiferromagnet $BaCuSi_2O_6$ . <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 1206-1208.	1.0	1
95	BEC phase boundary in. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, e460-e462.	1.0	4
96	Comment on "Bose-Einstein Condensation of Magnons in $Cs_2CuCl_4$ ". <i>Physical Review Letters</i> , 2006, 96, 189703; author reply 189704.	2.9	12
97	Dimerization Transition in Phenalenyl-based Neutral Radicals at High Magnetic Fields. <i>AIP Conference Proceedings</i> , 2006, , .	0.3	3
98	Bose-Einstein condensation in $BaCuSi_2O_6$ . <i>Journal of Physics: Conference Series</i> , 2006, 51, 9-14.	0.3	3
99	The National High Magnetic Field Laboratory. <i>Journal of Physics: Conference Series</i> , 2006, 51, 643-646.	0.3	6
100	Dimensional reduction at a quantum critical point. <i>Nature</i> , 2006, 441, 617-620.	13.7	211
101	Lattice involvement in low temperature phase of $U(Ru,Rh)_2Si_2$ . <i>Physica B: Condensed Matter</i> , 2006, 378-380, 82-83.	1.3	0
102	Approaching field tuned quantum criticality in. <i>Physica B: Condensed Matter</i> , 2006, 378-380, 90-91.	1.3	0
103	quasiparticles and avoided quantum criticality in $U(Ru,Rh)_2Si_2$ . <i>Physica B: Condensed Matter</i> , 2006, 378-380, 373-375.	1.3	10
104	Emergent phases near the metamagnetic quantum critical point in. <i>Physica B: Condensed Matter</i> , 2006, 378-380, 31-35.	1.3	1
105	Spin-triplet excitons in the $S=1/2$ gapped antiferromagnet $BaCuSi_2O_6$ : Electron paramagnetic resonance studies. <i>Physical Review B</i> , 2006, 73, .	1.1	25
106	Phonon Thermal Transport of $URu_2Si_2$ : Broken Translational Symmetry and Strong-Coupling of the "Hidden Order" to the Lattice. <i>Physical Review Letters</i> , 2006, 97, 156401.	2.9	27
107	Nonlocal Magnetic Field-Tuned Quantum Criticality in Cubic $CeIn_3\tilde{x}Sn_x(x=0.25)$ . <i>Physical Review Letters</i> , 2006, 96, 206401.	2.9	15
108	Bose-Einstein Condensation of $S=1$ Nickel Spin Degrees of Freedom in $NiCl_2\tilde{x}4SC(NH_2)_2$ . <i>Physical Review Letters</i> , 2006, 96, 077204.	2.9	206

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109	Irreversible Dynamics of the Phase Boundary in $U(Ru_{0.96}Rh_{0.04})_2Si_2$ and Implications for Ordering. <i>Physical Review Letters</i> , 2006, 96, 136403.	2.9	21
110	Link between magnetic field-induced quantum criticality and phase formation in. <i>Physica B: Condensed Matter</i> , 2005, 359-361, 32-34.	1.3	1
111	Field-induced Bose-Einstein condensation of a strongly correlated spin liquid in $BaCuSi_2O_6$ . <i>Physica B: Condensed Matter</i> , 2005, 359-361, 1369-1371.	1.3	0
112	Characteristic Bose-Einstein condensation scaling close to a quantum critical point in $BaCuSi_2O_6$ . <i>Physical Review B</i> , 2005, 72, .	1.1	76
113	High-field behavior of the spin gap compound $Sr_2Cu(BO_3)_2$ . <i>Physical Review B</i> , 2005, 71, .	1.1	14
114	Quantum Critical $f$ Electrons Avoid Singularities in $U(Ru,Rh)_2Si_2$ . <i>Physical Review Letters</i> , 2005, 95, 026403.	2.9	21
115	Crystal symmetry and high-magnetic-field specific heat of $SrCu_2(BO_3)_2$ . <i>Physical Review B</i> , 2005, 71, .	1.1	29
116	Inhomogeneous Level Splitting in $Pr_2^{x}Bi_xRu_2O_7$ . <i>Physical Review Letters</i> , 2005, 94, 177201.	2.9	15
117	Transport and thermodynamic properties of $Sr_3Ru_2O_7$ near the quantum critical point. <i>Physical Review B</i> , 2004, 69, .	1.1	18
118	Emergent Fluctuation Hot Spots on the Fermi Surface of $CeIn_3$ in Strong Magnetic Fields. <i>Physical Review Letters</i> , 2004, 93, 246401.	2.9	53
119	Thermodynamic properties of excess-oxygen-doped $La_2CuO_{4.11}$ near a simultaneous transition to superconductivity and long-range magnetic order. <i>Physical Review B</i> , 2004, 69, .	1.1	4
120	Nexus between Quantum Criticality and Phase Formation in $U(Ru_{1-x}Rh_x)_2Si_2$ . <i>Physical Review Letters</i> , 2004, 93, 206402.	2.9	33
121	Magnetic-Field-Induced Condensation of Triplons in Han Purple Pigment $BaCuSi_2O_6$ . <i>Physical Review Letters</i> , 2004, 93, 087203.	2.9	260
122	Magnetic enhancement of superconductivity. <i>Nature</i> , 2004, 427, 802-802.	13.7	2
123	Understanding High Critical Currents in $YBa_2Cu_3O_7$ Thin Films and Coated Conductors. <i>Journal of Low Temperature Physics</i> , 2004, 135, 87-98.	0.6	84
124	Spin Density Wave Excitations in the Specific Heat of $La_2CuO_{4.11}$ Single Crystals. <i>Journal of Low Temperature Physics</i> , 2004, 135, 123-126.	0.6	0
125	Metamagnetism, quantum criticality, hidden order and crystal electric fields in $URu_2Si_2$ . <i>Physica B: Condensed Matter</i> , 2004, 346-347, 92-98.	1.3	11
126	Metamagnetism and quantum criticality in $URu_2Si_2$ . <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, E135-E136.	1.0	1



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127	Novel competing orders near the field-induced quantum critical point in URu <sub>2</sub> Si <sub>2</sub> . Journal of Magnetism and Magnetic Materials, 2004, 272-276, 50-51.	1.0	1
128	Specific heat at the magnetic order transitions in RbFe (MoO). Physica B: Condensed Matter, 2004, 354, 297-299.	1.3	16
129	Magnetic-field-induced critical behavior in the hidden-order compound URu <sub>2</sub> Si <sub>2</sub> . Journal of Alloys and Compounds, 2004, 369, 33-35.	2.8	5
130	High magnetic field magnetization and specific heat of the 2D spin dimer system SrCu <sub>2</sub> (BO <sub>3</sub> ) <sub>2</sub> . Journal of Alloys and Compounds, 2004, 369, 90-92.	2.8	7
131	Critical examination of heat capacity measurements made on a Quantum Design physical property measurement system. Cryogenics, 2003, 43, 369-378.	0.9	428
132	Reentrant Hidden Order at a Metamagnetic Quantum Critical End Point. Physical Review Letters, 2003, 90, 096402.	2.9	66
133	Magnetic-Field-Induced Quantum Critical Point and Competing Order Parameters in URu <sub>2</sub> Si <sub>2</sub> . Physical Review Letters, 2003, 91, 256401.	2.9	101
134	Hot isostatic pressing of powder in tube MgB <sub>2</sub> wires. Applied Physics Letters, 2003, 82, 2847-2849.	1.5	137
135	Origin of Diversified Transport Properties of MgB <sub>2</sub> . International Journal of Modern Physics B, 2003, 17, 3672-3674.	1.0	0
136	High Magnetic Field Studies of the Hidden Order Transition in URu <sub>2</sub> Si <sub>2</sub> . Physical Review Letters, 2002, 89, 287201.	2.9	101
137	Low-temperature thermal transport in high-temperature superconducting Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> via a Y-doped insulating analogue. Physical Review B, 2002, 65, .	1.1	3
138	Mg as a main source for the diverse magnetotransport properties of MgB <sub>2</sub> . Physical Review B, 2002, 66, .	1.1	25
139	ULTRASONIC MEASUREMENTS AT THE METAMAGNETIC TRANSITION IN URu <sub>2</sub> Si <sub>2</sub> . International Journal of Modern Physics B, 2002, 16, 3037-3040.	1.0	0
140	HIGH-FIELD HALL EFFECT AND BAND STRUCTURE OF HALF-METALLIC CrO <sub>2</sub> FILMS. International Journal of Modern Physics B, 2002, 16, 3334-3337.	1.0	1
141	Mg AS A MAIN SOURCE FOR THE DIVERSE MAGNETOTRANSPORT PROPERTIES OF MgB <sub>2</sub> . International Journal of Modern Physics B, 2002, 16, 3185-3188.	1.0	1
142	Electronic Transport in La-Ca Manganites. , 2002, , 243-267.		0
143	Magnetotransport of the low-carrier density one-dimensional S=1/2 antiferromagnet Yb <sub>4</sub> As <sub>3</sub> . Pramana - Journal of Physics, 2002, 58, 715-723.	0.9	0
144	Unconventional superconductivity in CeIrIn <sub>5</sub> and CeCoIn <sub>5</sub> . Physica B: Condensed Matter, 2002, 312-313, 7-12.	1.3	15

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145	Two energy scales in YbInCu <sub>4</sub> from specific heat in high magnetic fields. Physica B: Condensed Matter, 2002, 312-313, 344-345.	1.3	6
146	Acoustical measurements on the heavy fermion compound URu <sub>2</sub> Si <sub>2</sub> in pulsed magnetic fields. Physica B: Condensed Matter, 2002, 312-313, 224-225.	1.3	5
147	Thermodynamic and transport properties of the one-dimensional S=12 antiferromagnet Yb <sub>4</sub> As <sub>3</sub> . Physica B: Condensed Matter, 2002, 312-313, 315-320.	1.3	18
148	Effects of unreacted Mg impurities on the transport properties of MgB <sub>2</sub> . Physica C: Superconductivity and Its Applications, 2002, 377, 21-25.	0.6	23
149	Mg AS A MAIN SOURCE FOR THE DIVERSE MAGNETOTRANSPORT PROPERTIES OF MgB <sub>2</sub> . , 2002, , .		0
150	Unconventional Superconductivity in CeIrIn <sub>5</sub> and CeCoIn <sub>5</sub> : Specific Heat and Thermal Conductivity Studies. Physical Review Letters, 2001, 86, 5152-5155.	2.9	399
151	Specific heat of Ce <sub>3</sub> Bi <sub>4</sub> Pt <sub>3</sub> at 60T. Physica B: Condensed Matter, 2001, 294-295, 240-244.	1.3	6
152	Anisotropic superconductivity in epitaxial MgB <sub>2</sub> films. Chemical Physics Letters, 2001, 343, 447-451.	1.2	82
153	The physics of manganites: Structure and transport. Reviews of Modern Physics, 2001, 73, 583-628.	16.4	2,207
154	Superconductivity and magnetism in a new class of heavy-fermion materials. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 5-10.	1.0	129
155	A new heavy-fermion superconductor CeIrIn <sub>5</sub> : A relative of the cuprates?. Europhysics Letters, 2001, 53, 354-359.	0.7	476
156	Unusual Kondo behavior in the indium-rich heavy-fermion antiferromagnet Ce <sub>3</sub> Pt <sub>4</sub> In <sub>13</sub> . Physical Review B, 2001, 65, .	1.1	49
157	Origin of the zero-resistance anomaly in heavy fermion superconducting CeIrIn <sub>5</sub> : A clue from magnetic-field and Rh-doping studies. Physical Review B, 2001, 64, .	1.1	48
158	Heat capacity measured up to 60 T in Ce <sub>3</sub> Bi <sub>4</sub> Pt <sub>3</sub> Kondo insulator. Physica B: Condensed Matter, 2000, 280, 563-564.	1.3	1
159	Heat capacity of Ni-doped Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> single crystals. Physica B: Condensed Matter, 2000, 284-288, 1069-1070.	1.3	2
160	Hall effect of a layered manganite single crystal. Physica B: Condensed Matter, 2000, 284-288, 1442-1443.	1.3	5
161	Closing the spin gap in the Kondo insulator Ce <sub>3</sub> Bi <sub>4</sub> Pt <sub>3</sub> at high magnetic fields. Nature, 2000, 405, 160-163.	13.7	111
162	Low Temperature Spin Dynamics of the Geometrically Frustrated Antiferromagnetic Garnet Gd <sub>3</sub> Ga <sub>5</sub> O <sub>12</sub> . Physical Review Letters, 2000, 85, 3504-3507.	2.9	62

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163	$^{139}\text{La}$ spectrum and spin-lattice relaxation measurements of $\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3$ in the paramagnetic state. <i>Physical Review B</i> , 1999, 59, 9382-9391.	1.1	24
164	Second Low-Temperature Phase Transition in Frustrated $\text{UNi}_4\text{B}$ . <i>Physical Review Letters</i> , 1999, 83, 2065-2068.	2.9	23
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