Toshiro Sakakibara

List of Publications by Year
in descending order

168 papers	3,990 citations	159585 30 h-index	149698 56 g-index
168 all docs	168 docs citations	168 times ranked	2697 citing authors

#	Article	IF	Citations
1	Time-reversal symmetry breaking and spontaneous Hall effect without magnetic dipole order. Nature, 2010, 463, 210-213.	27.8	352
2	Faraday Force Magnetometer for High-Sensitivity Magnetization Measurements at Very Low Temperatures and High Fields. Japanese Journal of Applied Physics, 1994, 33, 5067-5072.	1.5	201
3	Quantum Criticality Without Tuning in the Mixed Valence Compound Î²-YbAlB ₄. Science, 2011, 331, 316-319.	12.6	199
4	Low-Temperature Magnetic Properties of Pyrochlore Stannates. Journal of the Physical Society of Japan, 2002, 71, 1576-1582.	1.6	129
5	Single Uranium-Site Properties of the Dilute Heavy Electron System UxTh1-xRu2Si2(xâ‰0.07). Journal of the Physical Society of Japan, 1994, 63, 736-747.	1.6	128
6	Magnetic Phase Diagram of CexLa1-xB6Studied by Static Magnetization Measurement at Very Low Temperatures. Journal of the Physical Society of Japan, 1997, 66, 2268-2271.	1.6	126
7	Magnetic Phase Diagram of the Heavy Fermion Superconductor PrOs4Sb12. Journal of the Physical Society of Japan, 2003, 72, 1516-1522.	1.6	122
8	Multiband Superconductivity with Unexpected Deficiency of Nodal Quasiparticles in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>CeCu</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></ Physical Review Letters, 2014, 112, 067002.	7.8	100
9	Antiferro-Quadrupolar Ordering and Multipole Interactions in PrPb3. Journal of the Physical Society of Japan, 2001, 70, 248-258.	1.6	97
10	Giant Hall Resistivity and Magnetoresistance in Cubic Chiral Antiferromagnet EuPtSi. Journal of the Physical Society of Japan, 2018, 87, 023701.	1.6	79
11	Magnetization â€œStepsâ€•on a Kagome Lattice in Volborthite. Journal of the Physical Society of Japan, 2009, 78, 043704.	1.6	76
12	Nodal Structures of Heavy Fermion Superconductors Probed by the Specific-Heat Measurements in Magnetic Fields. Journal of the Physical Society of Japan, 2007, 76, 051004.	1.6	71
13	The Unconventional Superconductivity of Skutterudite PrOs4Sb12: Time-Reversal Symmetry Breaking and Adjacent Field-Induced Quadrupole Ordering. Journal of the Physical Society of Japan, 2007, 76, 051006.	1.6	67
14	Magnetic Properties and Phase Diagram of Ce(Ru1-xRhx)2Si2(0â‰x<0.5). Journal of the Physical Society of Japan, 1992, 61, 4536-4546.	1.6	66
15	Magnetic-Field Induced Boseâ€“Einstein Condensation of Magnons and Critical Behavior in Interacting Spin Dimer System TlCuCl₃. Journal of the Physical Society of Japan, 2008, 77, 013701.	1.6	66
16	Searching for Gap Zeros in Sr₂RuO₄ via Field-Angle-Dependent Specific-Heat Measurement. Journal of the Physical Society of Japan, 2018, 87, 093703.	1.6	51
17	Magnetocaloric Effect Study on the Pyrochlore Spin Ice Compound Dy2Ti2O7in a [111] Magnetic Field. Journal of the Physical Society of Japan, 2004, 73, 2851-2856.	1.6	50
18	Dielectric Polarization Measurements on the Antiferromagnetic Triangular Lattice System CuFeO₂ in Pulsed High Magnetic Fields. Journal of the Physical Society of Japan, 2007, 76, 094709.	1.6	49

#	Article	IF	Citations
19	Fully gapped superconductivity with no sign change in the prototypical heavy-fermion CeCu ₂ Si ₂. Science Advances, 2017, 3, e1601667.	10.3	46
20	New High-Field Ordered State in PrFe4P12. Journal of the Physical Society of Japan, 2004, 73, 3258-3261.	1.6	44
21	Successive Magnetic Transitions in a Frustrated Compound YbAgGe. Journal of the Physical Society of Japan, 2004, 73, 537-540.	1.6	41
22	Lattice Instability and Elastic Response in the Heavy Electron System URu2Si2. Journal of the Physical Society of Japan, 1997, 66, 3251-3258.	1.6	40
23	Successive phase transitions to antiferromagnetic and weak-ferromagnetic long-range order in the quasi-one-dimensional antiferromagnetCu3Mo2O9. Physical Review B, 2008, 77, .	3.2	40
24	Sharp magnetization jump at the first-order superconducting transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Sr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">RuO</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 90, .	3.2	40
25	Evidence for Chiral d-Wave Superconductivity in URu₂Si₂ from the Field-Angle Variation of Its Specific Heat. Journal of the Physical Society of Japan, 2016, 85, 033704.	1.6	34
26	Orientation of point nodes and nonunitary triplet pairing tuned by the easy-axis magnetization in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>UTe</mml:mi><mml:mn>2</mml:mn></mml:msub></mm Physical Review Research, 2020, 2, .	3.6	34
27	Field-Orientation Dependence of Low-Energy Quasiparticle Excitations in the Heavy-Electron SuperconductorUBe13. Physical Review Letters, 2015, 114, 147002.	7.8	33
28	Randomness-induced quantum spin liquid on honeycomb lattice. Scientific Reports, 2017, 7, 16144.	3.3	33
29	Quasiparticle Evidence for the Nematic State above <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>T</mml:mi><mml:mi mathvariant="normal">c</mml:mi></mml:msub></mml:math> in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>Sr</mml:mi></mml:mrow><mml:mrow><mml:mi>x</mml:	7.8	32
30	Single Crystal Growth, Normal and Superconducting Properties of UPd2Al3. Journal of the Physical Society of Japan, 1996, 65, 3646-3653.	1.6	30
31	Absence of Meissner State and Robust Ferromagnetism in the Superconducting State of UCoGe: Possible Evidence of Spontaneous Vortex State. Journal of the Physical Society of Japan, 2010, 79, 083708.	1.6	30
32	Anomalous High Field Magnetization in Sc(Co1-xAlx)2. Journal of the Physical Society of Japan, 1987, 56, 29-31.	1.6	29
33	Angle-resolved Magnetization Measurements on Antiferroquadrupolar Ordering System PrPb3: Evidence for Anisotropic Quadrupolar Interaction. Journal of the Physical Society of Japan, 2004, 73, 2377-2380.	1.6	29
34	Gap structure of FeSe determined by angle-resolved specific heat measurements in applied rotating magnetic field. Physical Review B, 2017, 96, .	3.2	29
35	Fine-Tuning of Magnetic Interactions in Organic Spin Ladders. Journal of the Physical Society of Japan, 2014, 83, 033707.	1.6	28
36	Quantum valence criticality in a correlated metal. Science Advances, 2018, 4, eaao3547.	10.3	28

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37	Unique Electronic States in Non-centrosymmetric Cubic Compounds. Journal of Electronic Materials, 2017, 46, 3572-3584.	2.2	27
38	Susceptibility and High Field Magnetization of Alâ€“Mn Quasicrystalline and Amorphous Alloys. Journal of the Physical Society of Japan, 1988, 57, 1751-1757.	1.6	27
39	Evidence of a Field-Induced Ordering in YbCo₂Zn₂₀ in a [111] Magnetic Field. Journal of the Physical Society of Japan, 2011, 80, 073707.	1.6	26
40	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mfrac><mml:m alternating Heisenberg chain in a zinc-verdazyl complex. Physical Review B, 2015, 91, .	3.2	26
41	Temperature- and Field-Induced Valence Change in YbxIn1-xCu2. Journal of the Physical Society of Japan, 1988, 57, 405-408.	1.6	25
42	Magnetic Properties of Antiferromagnetic GdCu6. Journal of the Physical Society of Japan, 1989, 58, 1031-1034.	1.6	25
43	Thermodynamic Study of Nodal Structure and Multiband Superconductivity of KFe₂As₂. Journal of the Physical Society of Japan, 2014, 83, 013704.	1.6	25
44	Angle-resolved heat capacity of heavy fermion superconductors. Reports on Progress in Physics, 2016, 79, 094002.	20.1	25
45	Thermodynamic study of gap structure and pair-breaking effect by magnetic field in the heavy-fermion superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CeCu</mml:mi><mml:mn>2</mml:mn></ Structural Review B, 2016, 94,	3.2	25
46	Structural and electronic properties of pyrochlore-type<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>A</mml:mi><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mm xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>O<mml:math	3.2	24
47	Multiferroicity on the Zigzag-Chain Antiferromagnet MnWO₄ in High Magnetic Fields. Journal of the Physical Society of Japan, 2012, 81, 054705.	1.6	24
48	Anomaly of Magnetization in the Superconducting Mixed State of UPt3. Journal of the Physical Society of Japan, 1995, 64, 1063-1066.	1.6	23
49	Low Temperature Magnetic Properties of Ce₃Pd₂₀Si₆. Journal of the Physical Society of Japan, 2010, 79, 074712.	1.6	23
50	Unstable spin-ice order in the stuffed metallic pyrochlore<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Pr</mml:mi><mml:mrow><mml:mn>2</mml:mn> mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>7</mml:mn><mml:mo>â^'</mml:mo><mml:mi>Î´</mml:mi></mml:mrow></ Physical Review B, 2015, 92, .	3.2	23
51	Experimental Realization of a Quantum Pentagonal Lattice. Scientific Reports, 2015, 5, 15327.	3.3	23
52	Incommensurate-Commensurate Magnetic Phase Transitions of the Ising-5fSystem UPd2Si2: theH-TPhase Diagram and Mean-Field Analyses. Journal of the Physical Society of Japan, 1998, 67, 1017-1028.	1.6	22
53	Pressure Effect on Superconductivity and Antiferroquadrupolar Order in PrOs4Sb12. Journal of the Physical Society of Japan, 2006, 75, 043707.	1.6	22
54	Evidence of a High-Field Phase in PrV₂Al₂₀ in a [100] Magnetic Field. Journal of the Physical Society of Japan, 2013, 82, 043705.	1.6	22

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55	Structural, Magnetic, and Superconducting Properties of Caged CompoundsROs₂Zn₂₀(R= La, Ce, Pr, and Nd). Journal of the Physical Society of Japan, 2017, 86, 034707.	1.6	22
56	Quasiparticle excitations and evidence for superconducting double transitions in monocrystalline U0.97Th0.03Be13. Physical Review B, 2017, 96, .	3.2	21
57	Fluctuation-Induced First-Order Transition and Tricritical Point in EuPtSi. Journal of the Physical Society of Japan, 2019, 88, 093701.	1.6	21
58	Unusual Low-Temperature Magnetization of a Cubic Î“3 Non-Kramers Doublet Ground State Compound PrMg3-Evidence of a Hybridization Effect. Journal of the Physical Society of Japan, 2009, 78, 033705.	1.6	20
59	Wing structure in the phase diagram of the Ising ferromagnet URhGe close to its tricritical point investigated by angle-resolved magnetization measurements. Physical Review B, 2017, 96, .	3.2	20
60	Novel Electronic States of Heavy Fermion Compound YbCo₂Zn₂₀. Journal of the Physical Society of Japan, 2014, 83, 044703.	1.6	18
61	Magnetism of C6Eu. I. Existence of the Four-Spin Exchange Interactions. Journal of the Physical Society of Japan, 1984, 53, 3599-3606.	1.6	17
62	Investigation into the Itinerant Metamagnetism of Sr3Ru2O7 for the Field Parallel to the Ruthenium Oxygen Planes. Journal of the Physical Society of Japan, 2005, 74, 1270-1274.	1.6	17
63	Angle-Resolved Magnetization Study of the Multipole Ordering in PrFe4P12. Journal of the Physical Society of Japan, 2007, 76, 064701.	1.6	17
64	Thermal Hall Effects of Spins and Phonons in Kagome Antiferromagnet Cd-Kapellasite. Physical Review X, 2020, 10, .	8.9	17
65	Single-Site and Inter-Site Effects in Heavy Fermion Compound CeRu2Si2Studied by Constant Volume Dilution. Journal of the Physical Society of Japan, 1997, 66, 2851-2863.	1.6	16
66	Low-Temperature Magnetization Study on the Phase IV Ordering in CexLa1-xB6under [111] Uniaxial Pressures. Journal of the Physical Society of Japan, 2004, 73, 2381-2384.	1.6	16
67	Pressure Dependence of the First-Order Superconducting Phase Transition in CeCoIn5. Journal of the Physical Society of Japan, 2005, 74, 1115-1118.	1.6	16
68	Superconducting gap structure of CeIrIn<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>from field-angle-resolved measurements of its specific heat. Physical Review B, 2012, 85, .	3.2	16
69	Magnetism of C6Eu. II. Instability of the Triangular Spin Structure in the hcp-Liki Antiferromagnet. Journal of the Physical Society of Japan, 1984, 53, 3607-3610.	1.6	15
70	Anisotropic Spin-Glass and Cluster-Glass of Layered FexTiS2Crystals. Journal of the Physical Society of Japan, 1988, 57, 4083-4085.	1.6	15
71	Magnetization Study on the History-Dependent Peak Effect in the Superconducting Mixed State of CeRu2. Journal of the Physical Society of Japan, 1999, 68, 224-231.	1.6	15
72	Slow dynamics of Dy pyrochlore oxides Dy₂Sn₂O₇and Dy₂Ir₂O₇. Journal of Physics: Conference Series, 2011, 320, 012050.	0.4	15

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73	Superconducting Gap Structure of the Cage Compound Sc₅Rh₆Sn₁₈. Journal of the Physical Society of Japan, 2012, 81, SB016.	1.6	15
74	Field-Induced Switching of Ferro-Quadrupole Order Parameter in PrTi₂Al₂₀. Journal of the Physical Society of Japan, 2019, 88, 084707.	1.6	15
75	Magnetic Phase Diagram of Cr1-xMnxGe. Journal of the Physical Society of Japan, 1988, 57, 639-646.	1.6	14
76	Anomalous Magnetization of RbFeCl3around 31T in Pulsed High Magnetic Fields. Journal of the Physical Society of Japan, 1988, 57, 38-41.	1.6	14
77	Antiferroquadrupolar Ordering and Anisotropic Magnetic Phase Diagram of Dysprosium Palladium Bronze, DyPd3S4. Journal of the Physical Society of Japan, 2007, 76, 084717.	1.6	14
78	Phase Transitions of a Geometrically Frustrated Spin System CdCr₂O₄in Very High Magnetic Fields. Journal of the Physical Society of Japan, 2007, 76, 085001.	1.6	14
79	Magnetic Correlation in the Ordered Phase of CeOs4Sb12. Journal of the Physical Society of Japan, 2008, 77, 318-320.	1.6	14
80	Verification of Anisotropic s-Wave Superconducting Gap Structure in CeRu₂ from Low-Temperature Field-Angle-Resolved Specific Heat Measurements. Journal of the Physical Society of Japan, 2013, 82, 123706.	1.6	14
81	Successive Magnetic Orderings of Rectangular Components Caused by Conservation of Paraquadrupolar State in Magnetically Ordered Phase in TbCoGa5. Journal of the Physical Society of Japan, 2009, 78, 073709.	1.6	13
82	f-Electron-Nuclear Hyperfine-Coupled Multiplets in the Unconventional Charge Order Phase of Filled Skutterudite PrRu4P12. Journal of the Physical Society of Japan, 2011, 80, 054704.	1.6	13
83	Possible Evolution of Antiferromagnetism in Zn-Doped Heavy-Fermion Superconductor CeCoIn₅. Journal of the Physical Society of Japan, 2014, 83, 033706.	1.6	13
84	Far Infrared ESR Study of Spin-Peierls Compound MEM(TCNQ)2. Journal of the Physical Society of Japan, 1986, 55, 3225-3233.	1.6	12
85	Magnetization Study of the Valence Fluctuation Compound Sm3Te4at Very Low Temperatures. Journal of the Physical Society of Japan, 1996, 65, 3467-3470.	1.6	12
86	Low Temperature Magnetization of Yb₂Pt₂Pb with the Shastryâ€“Sutherland Type Lattice and a High-Rank Multipole Interaction. Journal of the Physical Society of Japan, 2012, 81, 103601.	1.6	12
87	Magnetic properties of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mfrac><mml:m honeycomb lattice antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mn>2</mml:mn><mml:mtext>â^'</mml:mtext><mml:mi>Cl</mml:mi><mml:m mathvariant="normal">F</mml:m>. Physical Review B, 2017, 95, .	3.2	12
88	Magnetic Properties and Magnetic Phase Diagrams of Trigonal DyNi3Ga9. Journal of the Physical Society of Japan, 2017, 86, 124704.	1.6	12
89	Disorder-sensitive nodelike small gap in FeSe. Physical Review B, 2018, 98, .	3.2	12
90	Effect of La Impurities on the Phase Transitions in PrFe₄P₁₂. Journal of the Physical Society of Japan, 2007, 76, 083702.	1.6	11

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91	Anomalous Field-Angle Dependence of the Specific Heat of Heavy-Fermion Superconductor UPt3. Journal of the Physical Society of Japan, 2013, 82, 024707.	1.6	11
92	Field Evolution of Quantum Critical and Heavy Fermi-Liquid Components in the Magnetization of the Mixed Valence Compound Î²-YbAlB₄. Journal of the Physical Society of Japan, 2015, 84, 024710.	1.6	11
93	Kitaev Spin Liquid Candidate Os_xCl₃ Comprised of Honeycomb Nano-Domains. Journal of the Physical Society of Japan, 2020, 89, 114709.	1.6	11
94	Simultaneous Measurement of Magnetization and Magnetostriction in CeRu 2Si 2 at Very Low Temperatures: A Test of the One-Parameter Scaling Property. Journal of the Physical Society of Japan, 1999, 68, 3402-3406.	1.6	11
95	Peak Effect in CeRu2: Role of Crystalline Defects. Journal of the Physical Society of Japan, 1998, 67, 3561-3569.	1.6	10
96	Pauli-limited superconductivity and antiferromagnetism in the heavy-fermion compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mi>CeCo</mml:mi><mml:mo>(</m Physical Review B, 2015, 92, .	3.2	10
97	Thermodynamic Investigation of Metamagnetic Transitions and Partial Disorder in the Quasi-Kagome Kondo Lattice CePdAl. Journal of the Physical Society of Japan, 2017, 86, 034709.	1.6	10
98	High Field Magnetization of Singlet Ground State System Cs3Cr2X9(X=Cl, Br) up to 40 T. Journal of the Physical Society of Japan, 1989, 58, 1021-1026.	1.6	9
99	High Field Maganetization Process of Random Mixtures with Competing Exchange Interactions K2CuxA1-xF4(A=Mn and Co). Journal of the Physical Society of Japan, 1989, 58, 684-691.	1.6	9
100	Low Temperature Magnetic Properties of Frustrated Quantum Spin Chain System Rb2Cu2Mo3O12. , 2014, , .		9
101	Omnidirectional Measurements of Angle-Resolved Heat Capacity for Complete Detection of Superconducting Gap Structure in the Heavy-Fermion Antiferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>UPd</mml:mi></mml:mrow><mml:mrow><mml:mn>2 Physical Review Letters, 2016, 117, 037001.	7.8	9
102	Comparison With Ground States of Frustrated Quantum Spin Chain Systems A2Cu2Mo3O12(A = Rb and) Tj ETQq0 0 0 rgBT /Overlock 1	2.1	9
103	Spin glass behavior and magnetic boson peak in a structural glass of a magnetic ionic liquid. Scientific Reports, 2021, 11, 12098.	3.3	9
104	Field-rotational Magnetocaloric Effect: A New Experimental Technique for Accurate Measurement of the Anisotropic Magnetic Entropy. Journal of the Physical Society of Japan, 2018, 87, 073601.	1.6	8
105	Giant Anisotropic Magnetoresistance due to Purely Orbital Rearrangement in the Quadrupolar Heavy Fermion Superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>PrV</mml:mi></mml:mrow><mml:mrow><mml:mn>2 Physical Review Letters, 2019, 122, 256601.	7.8	8
106	Anomalous Fermi Liquid Behavior of the Dilute Uranium Alloys La1-xUxRu2Si2(xâ‰0.07). Journal of the Physical Society of Japan, 2002, 71, 3037-3042.	1.6	7
107	Anomalous Uniaxial Pressure Effect on the Phase IV Ordering in CexLa1-xB6. Journal of the Physical Society of Japan, 2002, 71, 48-51.	1.6	7
108	Field-Induced Ordering in the Heavy Fermion Compound YbCo₂Zn₂₀. Journal of Physics: Conference Series, 2012, 391, 012066.	0.4	7

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109	Antiferromagnetic Transition in a Novel Star-shaped High-spin Fe(III) Tetranuclear Cluster from a Mononuclear Coordination Anion Featuring Ï€-Extended Schiff Base Ligands. Chemistry Letters, 2015, 44, 840-842.	1.3	7
110	Magnetic Phase Transitions of the 4f Skyrmion Compound EuPtSi Studied by Magnetization Measurements. Journal of the Physical Society of Japan, 2021, 90, 064701.	1.6	7
111	Phase diagrams and ground-state magnetic properties of Pr-based filled skutterudites. Physica B: Condensed Matter, 2005, 359-361, 836-843.	2.7	6
112	Geometrical frustration and spin-liquid behavior of the metallic pyrochlore antiferromagnet. Journal of Magnetism and Magnetic Materials, 2007, 310, 1328-1330.	2.3	6
113	Scalar Order in PrFe4P12 Studied by Thermal Expansion and Magnetostriction. Journal of the Physical Society of Japan, 2009, 78, 044708.	1.6	6
114	Anisotropic Superconductivity of the Caged Compound Y₅Rh₆Sn₁₈ with Unusual Normal-State Electrical Resistivity. , 2014, , .		6
115	Observation of a New Ordered Phase in the Kondo Semiconductor CeOs4Sb12. Journal of the Physical Society of Japan, 2015, 84, 104701.	1.6	6
116	Antiferromagnetic transition of the caged compound TmTi₂Al₂₀. Journal of Physics: Conference Series, 2015, 592, 012052.	0.4	6
117	Superconductivity in PtSbS with a Noncentrosymmetric Cubic Crystal Structure. Journal of the Physical Society of Japan, 2019, 88, 093709.	1.6	6
118	Field-Orientation Effect on Ferro-Quadrupole Order in PrTi₂Al₂₀. Journal of the Physical Society of Japan, 2020, 89, 043701.	1.6	6
119	Electrical Resistivity Measurements on PrPb₃under High Pressures. Journal of the Physical Society of Japan, 2007, 76, 56-57.	1.6	6
120	Superconductivity of Electron-Doped NdOBiS₂ by Substitution of Mixed-Valence Ce Ions. Journal of the Physical Society of Japan, 2019, 88, 103703.	1.6	6
121	Rapid Suppression of Phase IV by Nd Doping in Ce0.7La0.3B6. Journal of the Physical Society of Japan, 2007, 76, 103708.	1.6	5
122	Multipole Phenomena and Superconductivity in Pr-based Filled Skutterudites. Journal of the Physical Society of Japan, 2008, 77, 180-186.	1.6	5
123	Three-dimensional Bose-Einstein condensation in the spin- 12 ferromagnetic-leg ladder 3-Br-4-F-V. Physical Review B, 2017, 96, .	3.2	5
124	Low Energy Excitations in the Mixed State of the Anisotropics-Wave Superconductor CeRu2. Journal of the Physical Society of Japan, 2007, 76, 123704.	1.6	5
125	Magnetic Phase Diagram of Pr1-xLaxFe4P12(0 â‰¤xâ‰¤0.15). Journal of the Physical Society of Japan, 2008, 77, 78-83.	1.6	5
126	Development of high-resolution capacitive Faraday magnetometers for sub-Kelvin region. Review of Scientific Instruments, 2021, 92, 123908.	1.3	5

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127	Antiferromagnetic Ordering in the Spin Ladder Compound; Sr14-xCaxCu24O41. Journal of the Physical Society of Japan, 2001, 70, 2419-2424.	1.6	4
128	Stabilization of Phase IV in CexLa1-xB6(x=0.4, 0.5) by Pr and Nd Ion Dopings. Journal of the Physical Society of Japan, 2009, 78, 093708.	1.6	4
129	Magnetization steps in Yb2Pt2Pb with the Shastry-Sutherland lattice. Journal of the Korean Physical Society, 2013, 63, 551-554.	0.7	4
130	Metal-Insulator Transition in Pyrochlore Oxide (Nd_{1â^'}_xPr_x)₂Ir₂O₇ (0.7 â‰ x â‰ 1). , 2014, , .		4
131	Improved accuracy in high-frequency AC transport measurements in pulsed high magnetic fields. Review of Scientific Instruments, 2020, 91, 125107.	1.3	4
132	Ferromagnetic ordered phase of quantum spin ice system Yb2Ti2O7 under [001] magnetic field. AIP Advances, 2016, 6, 055707.	1.3	4
133	Volume Effect in Thermal Properties of CeRu2Si2near the Metamagnetic Crossover. Journal of the Physical Society of Japan, 1999, 68, 2420-2425.	1.6	4
134	Unique Skyrmion Phases and Conduction Electrons in Cubic Chiral Antiferromagnet EuPtSi and Related Compounds. , 2020, , .		4
135	Anomalous Hall effect of the frustrated Kondo lattice. Journal of Magnetism and Magnetic Materials, 2007, 310, 1079-1081.	2.3	3
136	Low-Temperature Magnetization of the Metamagnetic Heavy Fermion Compound YbIr₂Zn₂₀. Journal of the Physical Society of Japan, 2011, 80, SA051.	1.6	3
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