

Dai Aoki

List of Publications by Year in descending order

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515
papers

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526
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526
docs citations

526
times ranked

3773
citing authors

#	ARTICLE	IF	CITATIONS
1	Coexistence of superconductivity and ferromagnetism in URhGe. Nature, 2001, 413, 613-616.	27.8	884
2	Fermi Surface, Magnetic and Superconducting Properties of LaRhIn5 and CeTln5 (T: Co, Rh and Ir). Journal of the Physical Society of Japan, 2002, 71, 162-173.	1.6	275
3	Quasi-two-dimensional Fermi surfaces and the de Haas-van Alphen oscillation in both the normal and superconducting mixed states of CeCoIn5. Journal of Physics Condensed Matter, 2001, 13, L627-L634.	1.8	216
4	Unconventional Superconductivity in Heavy Fermion UTe ₂ . Journal of the Physical Society of Japan, 2019, 88, 043702.	1.6	173
5	Unique Spin Dynamics and Unconventional Superconductivity in the Layered Heavy Fermion Compound CeIrIn5: NQR Evidence. Physical Review Letters, 2001, 86, 4664-4667.	7.8	161
6	Review of U-based Ferromagnetic Superconductors: Comparison between UGe ₂ , URhGe, and UCoGe. Journal of the Physical Society of Japan, 2019, 88, 022001.	1.6	160
7	Ferromagnetism and Superconductivity in Uranium Compounds. Journal of the Physical Society of Japan, 2012, 81, 011003.	1.6	155
8	Quasi-two-dimensional Fermi surfaces of the heavy fermion superconductor CeIrIn5. Physical Review B, 2001, 63, .	3.2	151
9	Evidence of Strong Correlations and Coherence-Incoherence Crossover in the Iron Pnictide Superconductor KFe_2As_2 . Physical Review Letters, 2013, 111, 027002.	7.8	140
10	Extremely Large and Anisotropic Upper Critical Field and the Ferromagnetic Instability in UCoGe. Journal of the Physical Society of Japan, 2009, 78, 113709.	1.6	136
11	Tricritical Point and Wing Structure in the Itinerant Ferromagnet UGe_2 . Physical Review Letters, 2010, 105, 217201.	7.8	135
12	Coexistence of antiferromagnetism and superconductivity in CeRhIn5 under high pressure and magnetic field. Physical Review B, 2006, 74, .	3.2	130
13	Magnetic and Thermal Properties of CeIrIn5 and CeRhIn5. Journal of the Physical Society of Japan, 2001, 70, 877-883.	1.6	124
14	Similarity of the Fermi Surface in the Hidden Order State and in the Antiferromagnetic State of URu_2Si_2 . Physical Review Letters, 2010, 105, 216409.	7.8	118
15	Unconventional Heavy-Fermion Superconductivity of a New Transuranium Compound NpPd5Al2. Journal of the Physical Society of Japan, 2007, 76, 063701.	1.6	113
16	Field-Reentrant Superconductivity Close to a Metamagnetic Transition in the Heavy-Fermion Superconductor UTe ₂ . Journal of the Physical Society of Japan, 2019, 88, 063707.	1.6	111
17	Signature of hidden order in heavy fermion superconductor URu_2Si_2 . Resonance at the wave vector O . Physical Review B, 2008, 78, .	3.2	107
18	Unconventional Superconductivity in CeCoIn5 Studied by the Specific Heat and Magnetization Measurements. Journal of the Physical Society of Japan, 2001, 70, 2248-2251.	1.6	104

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19	The Quantum Critical Point in CeRhIn ₅ : A Resistivity Study. Journal of the Physical Society of Japan, 2008, 77, 114704.	1.6	104
20	Pressure-induced anomalous magnetism and unconventional superconductivity in CeRhIn ₅ : 115In-NQR study under pressure. Physical Review B, 2001, 63, .	3.2	101
21	Gapless Magnetic and Quasiparticle Excitations due to the Coexistence of Antiferromagnetism and Superconductivity in CeRhIn ₅ : A Study of 115In NQR under Pressure. Physical Review Letters, 2003, 91, 137001.	7.8	101
22	Superconductivity of CeRhIn ₅ under High Pressure. Journal of the Physical Society of Japan, 2001, 70, 3362-3367.	1.6	98
23	Antiferro-Quadrupolar Ordering and Multipole Interactions in PrPb ₃ . Journal of the Physical Society of Japan, 2001, 70, 248-258.	1.6	97
24	Coexistence of Antiferromagnetism and Superconductivity near the Quantum Criticality of the Heavy-Fermion Compound CeRhIn ₅ . Physical Review Letters, 2003, 90, 077004.	7.8	91
25	Ferromagnetic Quantum Critical Endpoint in UCoAl. Journal of the Physical Society of Japan, 2011, 80, 094711.	1.6	89
26	Multiple superconducting phases in a nearly ferromagnetic system. Communications Physics, 2019, 2, .	5.3	87
27	Superconducting and normal phases of FeSe single crystals at high pressure. Journal of Physics Condensed Matter, 2009, 21, 232202.	1.8	86
28	NMR Evidence for Triple-q Multipole Structure in NpO ₂ . Physical Review Letters, 2005, 94, 137209.	7.8	85
29	Anisotropic Superconducting Gap in Transuranium Superconductor PuRhGa ₅ : Ga NQR Study on a Single Crystal. Journal of the Physical Society of Japan, 2005, 74, 1710-1713.	1.6	84
30	Anomalous de Haas-van Alphen Oscillations in CeCoIn ₅ . Physical Review Letters, 2005, 94, 186401.	7.8	82
31	Metamagnetic Transition in Heavy Fermion Superconductor UTe ₂ . Journal of the Physical Society of Japan, 2019, 88, 063706.	1.6	80
32	Giant Hall Resistivity and Magnetoresistance in Cubic Chiral Antiferromagnet EuPtSi. Journal of the Physical Society of Japan, 2018, 87, 023701.	1.6	79
33	Pressure-temperature phase diagram of antiferromagnetism and superconductivity in CeRhIn ₅ and CeIn ₃ : 115In NQR study under pressure. Physical Review B, 2001, 65, .	3.2	76
34	Superconducting Properties of Heavy Fermion UTe ₂ Revealed by ¹²⁵ Te-nuclear Magnetic Resonance. Journal of the Physical Society of Japan, 2019, 88, 113703.	1.6	74
35	Evolution toward Quantum Critical End Point in UGe ₂ . Journal of the Physical Society of Japan, 2011, 80, 083703.	1.6	73
36	Pressure-Temperature Phase Diagram of Polycrystalline UCoGe Studied by Resistivity Measurement. Journal of the Physical Society of Japan, 2008, 77, 073703.	1.6	71

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37	Itinerant metamagnetism of CeRu ₂ Si ₂ : bringing out the dead. Comparison with the new Sr ₃ Ru ₂ O ₇ case. Physica B: Condensed Matter, 2002, 319, 251-261.	2.7	70
38	Multiple Superconducting Phases and Unusual Enhancement of the Upper Critical Field in UTe ₂ . Journal of the Physical Society of Japan, 2020, 89, 053705.	1.6	70
39	Superconductivity and Ferromagnetic Quantum Criticality in Uranium Compounds. Journal of the Physical Society of Japan, 2014, 83, 061011.	1.6	68
40	Magnetic and Superconducting Properties of CeTX ₃ (T: Transition Metal and X: Si and Ge) with Non-centrosymmetric Crystal Structure. Journal of the Physical Society of Japan, 2008, 77, 064716.	1.6	65
41	Field Re-entrant Superconductivity Induced by the Enhancement of Effective Mass in URhGe. Journal of the Physical Society of Japan, 2008, 77, 094709.	1.6	64
42	¹²⁵ Te-NMR Study on a Single Crystal of Heavy Fermion Superconductor UTe ₂ . Journal of the Physical Society of Japan, 2019, 88, 073701.	1.6	64
43	Unconventional superconductivity in UTe ₂ . Journal of Physics Condensed Matter, 2022, 34, 243002.	1.8	61
44	Fermi Surface Properties and Metamagnetism in the Antiferroquadrupolar Compound PrPb ₃ . Journal of the Physical Society of Japan, 1997, 66, 3988-3995.	1.6	59
45	Precise Study of the Resonance at $Q=(1,0,0)$ in URu ₂ Si ₂ . Journal of the Physical Society of Japan, 2010, 79, 064719.	1.6	59
46	High magnetic field study of CePd ₂ Si ₂ . Physical Review B, 2003, 67, . Reentrant Superconductivity Driven by Quantum Tricritical Fluctuations in URhGe: Evidence	3.2	56
47	from $\langle mml:math \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle mml:mrow \rangle \langle mml:mmultiscripts \rangle \langle mml:mrow \rangle \langle mml:mi \rangle \text{Co} \langle /mml:mi \rangle \langle /mml:mrow \rangle \langle mml:mprescripts \rangle / \rangle \langle mml:mrow \rangle \langle mml:mn \rangle 59 \langle /mml:mn \rangle \langle /mml:mrow \rangle \langle /mml:mmultiscripts \rangle \langle /mml:mrow \rangle \langle /mml:math \rangle$ NMR	7.8	55
48	in $\langle mml:math \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle mml:mrow \rangle \langle mml:mi \rangle \text{Co} \langle /mml:mi \rangle \langle /mml:mrow \rangle \langle mml:mprescripts \rangle / \rangle \langle mml:mrow \rangle \langle mml:mn \rangle 59 \langle /mml:mn \rangle \langle /mml:mrow \rangle \langle /mml:mmultiscripts \rangle \langle /mml:mrow \rangle \langle /mml:math \rangle$ phase diagram of the ferromagnetic superconductor URhGe. Physica B: Condensed Matter, 2005, 359-361, 1111-1113.	2.7	54
49	Multigap Superconductivity in the Heavy-Fermion System $\langle mml:math \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle mml:mrow \rangle \langle mml:msub \rangle \langle mml:mi \rangle \text{CeCoIn} \langle /mml:mi \rangle \langle mml:mn \rangle 5 \langle /mml:mn \rangle \langle /mml:mrow \rangle \langle /mml:math \rangle$. Physical Review Letters, 2008, 101, 046401.	7.8	54
50	Heavy fermions in a high magnetic field. Comptes Rendus Physique, 2013, 14, 53-77.	0.9	54
51	Magnetic and Electrical Properties of NpTGa ₅ (T=Fe, Rh and Ni). Journal of the Physical Society of Japan, 2005, 74, 2323-2331.	1.6	53
52	Single Crystal Growth and Magnetic Properties of UTe ₂ . Journal of the Physical Society of Japan, 2006, 75, 116-118.	1.6	53
53	Quasi-Two Dimensional Fermi Surface Properties of the Antiferromagnet UNiGa ₅ . Journal of the Physical Society of Japan, 2001, 70, 1744-1750.	1.6	52
54	Magnetic structure and metamagnetism in single crystals of NpCoGa ₅ . Physical Review B, 2005, 72, .	3.2	52

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55	Cylindrical Fermi surfaces formed by a fiat magnetic Brillouin zone in uranium dipnictides. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 2000, 80, 1517-1544.	0.6	51
56	Transverse and longitudinal magnetic-field responses in the Ising ferromagnets URhGe, UCoGe, and UGe. $\frac{2}{\mu_0} \frac{dM}{dH}$. Physical Review B, 2011, 83, 104411.	3.2	51
57	Crystal Growth and Cylindrical Fermi Surface of TiO_2 . Journal of the Physical Society of Japan, 2004, 73, 2608-2611.	3.2	49
58	Two Kinds of Cylindrical Fermi Surface Determined by de Haas-van Alphen Experiments in NpCoGa5. Journal of the Physical Society of Japan, 2004, 73, 2608-2611.	1.6	47
59	Single Crystal Growth and Anisotropic Superconducting Property of PuRhGa5. Journal of the Physical Society of Japan, 2005, 74, 1698-1701.	1.6	47
60	Direct observation of a quasiparticle band in CeIrIn5: An angle-resolved photoemission spectroscopy study. Physical Review B, 2006, 73, .	3.2	47
61	Details of Sample Dependence and Transport Properties of URu ₂ Si ₂ . Journal of the Physical Society of Japan, 2011, 80, 114710.	1.6	46
62	Pairing mechanism in the ferromagnetic superconductor UCoGe. Nature Communications, 2017, 8, 14480.	12.8	46
63	Magnetic-Field-Induced Phenomena in the Paramagnetic Superconductor UTe ₂ . Journal of the Physical Society of Japan, 2019, 88, 063705.	1.6	46
64	Crystal Growth and Cylindrical Fermi Surfaces of USb2. Journal of the Physical Society of Japan, 1999, 68, 2182-2185.	1.6	45
65	Low-dimensional antiferromagnetic fluctuations in the heavy-fermion paramagnetic ladder compound UTe ₂ . Physical Review B, 2021, 104, .	3.2	44
66	High-field moment polarization in the ferromagnetic superconductor UCoGe. Physical Review B, 2012, 86, .	3.2	42
67	High-pressure phase diagrams of CeRhIn5 and CeCoIn5 studied by ac calorimetry. Journal of Physics Condensed Matter, 2004, 16, 8905-8922.	1.8	41
68	NMR Evidence for Higher-Order Multipole Order Parameters in NpO2. Physical Review Letters, 2006, 97, 257601.	7.8	41
69	Antiferromagnetism and superconductivity in cerium based heavy-fermion compounds. Comptes Rendus Physique, 2011, 12, 542-566.	0.9	41
70	Superconductivity Reinforced by Magnetic Field and the Magnetic Instability in Uranium Ferromagnets. Journal of the Physical Society of Japan, 2011, 80, SA008.	1.6	40
71	First Observation of the de Haas-van Alphen Effect in NpNiGa5. Journal of the Physical Society of Japan, 2004, 73, 519-522.	1.6	39
72	Single Crystal Growth of Large-Size and High-Quality NpCoGa5 and Its Electrical and Magnetic Properties. Journal of the Physical Society of Japan, 2004, 73, 1665-1668.	1.6	39

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73	High-Temperature Magnetic Investigations on Uranium Compounds. Journal of the Physical Society of Japan, 2005, 74, 1582-1597.	1.6	39
74	Properties of ferromagnetic superconductors. Comptes Rendus Physique, 2011, 12, 573-583.	0.9	39
75	Observation of a Main Fermi Surface in UPt ₃ . Journal of the Physical Society of Japan, 1998, 67, 2185-2188.	1.6	38
76	MOVPE Growth and Luminescence Properties of GaAsN Alloys with Higher Nitrogen Concentrations. Physica Status Solidi A, 1999, 176, 231-235.	1.7	38
77	μ SR Studies on Heavy Fermion Superconductors CeIn ₅ and CeCoIn ₅ . Journal of the Physical Society of Japan, 2002, 71, 1023-1026.	1.6	37
78	Observation of the Meissner-Ochsenfeld Effect and the Absence of the Meissner State in UCoGe. Physical Review Letters, 2012, 109, 237001.	7.8	37
79	Multiband Superconductivity in KFe ₂ As ₂ : Evidence for One Isotropic and Several Lilliputian Energy Gaps. Journal of the Physical Society of Japan, 2014, 83, 014711.	1.6	37
80	Nearly localized nature of electrons in CeTl ₅ (T=Rh, Ir). Physical Review B, 2003, 67, .	3.2	36
81	Field Reentrance of the Hidden Order State of URu ₂ Si ₂ under Pressure. Journal of the Physical Society of Japan, 2009, 78, 053701.	1.6	36
82	Pressure Evolution of the Ferromagnetic and Field Re-entrant Superconductivity in URhGe. Journal of the Physical Society of Japan, 2009, 78, 063703.	1.6	36
83	Strong Pauli limiting behavior of μ SR in KFe_2As_2 uniaxial pressure dependencies in KFe ₂ As ₂ . Physical Review B, 2014, 89, 020407.	3.2	36
84	Divalent, trivalent, and heavy fermion states in Eu compounds. Philosophical Magazine, 2017, 97, 3399-3414.	1.6	36
85	Anisotropic response of spin susceptibility in the superconducting state of UTe_2 probed with μ SR. Physical Review B, 2010, 81, 020407.	3.2	36
86	Metamagnetic transition in UPt ₃ studied by high-field magnetization and de Haas-van Alphen experiments. Physical Review B, 1999, 60, 9248-9251.	3.2	35
87	High-field metamagnetism in the antiferromagnet CeRh_2Si_2 . Physical Review B, 2010, 81, 020407.	3.2	35
88	Field-Induced Lifshitz Transition without Metamagnetism in CeIrIn_5 . Physical Review Letters, 2016, 116, 037202.	7.8	35
89	Thermodynamic Investigation of Metamagnetism in Pulsed High Magnetic Fields on Heavy Fermion Superconductor UTe_2 . Journal of the Physical Society of Japan, 2019, 88, 083705.	1.6	35
90	Pressure-Induced Valence Transition and Characteristic Electronic States in EuRh ₂ Si ₂ . Journal of the Physical Society of Japan, 2016, 85, 063701.	1.6	34

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91	Unique Magnetic Phases in the Skyrmion Lattice and Fermi Surface Properties in Cubic Chiral Antiferromagnet EuPtSi. Journal of the Physical Society of Japan, 2019, 88, 094705.	1.6	34
92	Orientation of point nodes and nonunitary triplet pairing tuned by the easy-axis magnetization in UTe_2 . Physical Review Research, 2020, 2, .	3.6	34
93	High Pressure Phase Diagram of the Non-centrosymmetric Antiferromagnet $CeCoGe_3$. Journal of the Physical Society of Japan, 2009, 78, 074714.	1.6	33
94	Collapse of Ferromagnetism and Fermi Surface Instability near Reentrant Superconductivity of URhGe. Physical Review Letters, 2016, 117, 046401.	7.8	33
95	Electronic Structure of UTe_2 Studied by Photoelectron Spectroscopy. Journal of the Physical Society of Japan, 2019, 88, 103701.	1.6	33
96	Electronic States of the Antiferromagnet UGa ₃ . Journal of the Physical Society of Japan, 2001, 70, 538-546.	1.6	32
97	First Observation of Quantum Oscillations in the Ferromagnetic Superconductor UCoGe. Journal of the Physical Society of Japan, 2011, 80, 013705.	1.6	32
98	Giant and isotropic low temperature magnetocaloric effect in magnetic semiconductor EuSe. Applied Physics Letters, 2013, 102, 152409.	3.3	32
99	Field-induced spin-density wave beyond hidden order in URu ₂ Si ₂ . Nature Communications, 2016, 7, 13075.	12.8	32
100	Anisotropy of the Upper Critical Field in the Heavy-Fermion Superconductor UTe_2 under Pressure. Journal of the Physical Society of Japan, 2020, 89, 053707.	1.6	32
101	Photoluminescence Study on Temperature Dependence of Band Gap Energy of GaAsN Alloys. Physica Status Solidi (B): Basic Research, 2001, 228, 273-277.	1.5	31
102	Magnetic structure of CeRhIn ₅ under magnetic field. Journal of Physics Condensed Matter, 2007, 19, 242204.	1.8	31
103	Hidden Order in URu_2Si_2 . Physical Review Letters, 2012, 109, 067202.	7.8	31
104	Single Crystal Growth, Normal and Superconducting Properties of UPd ₂ Al ₃ . Journal of the Physical Society of Japan, 1996, 65, 3646-3653.	1.6	30
105	Resonant x-ray scattering study of the URu ₂ Si ₂ hidden-order phase. Physical Review B, 2011, 83, .	3.2	30
106	Interplay of magnetism, Fermi surface reconstructions, and hidden order in the heavy-fermion material URu ₂ Si ₂ . Physical Review B, 2012, 85, .	3.2	30
107	Phonon-induced superconductivity in $SrTiO_3$. Physical Review B, 2014, 90, .	3.2	30
108	Magnetic Order in $Ce_{0.95}Nd_{0.05}CoIn_5$: The Q-Phase at Zero Magnetic Field. Journal of the Physical Society of Japan, 2014, 83, 013707.	1.6	30

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109	Large reversible magnetocaloric effect in ferromagnetic semiconductor EuS. Solid State Communications, 2014, 193, 6-10.	1.9	30
110	Unusual strong spin-fluctuation effects around the critical pressure of the itinerant Ising-type ferromagnet URhAl. Physical Review B, 2015, 91, .	3.2	30
111	Electrical resistivity of CeTl ₅ (T=Rh, Ir) under high pressure. Physica C: Superconductivity and Its Applications, 2003, 388-389, 539-540.	1.2	29
112	Angle-resolved Magnetization Measurements on Antiferroquadrupolar Ordering System PrPb ₃ : Evidence for Anisotropic Quadrupolar Interaction. Journal of the Physical Society of Japan, 2004, 73, 2377-2380.	1.6	29
113	Symmetry of the Excitations in the Hidden Order State of URu_2Si_2 . Physical Review Letters, 2014, 113, 266405.	7.8	29
114	Superconducting Order Parameter in UTe ₂ Determined by Knight Shift Measurement. Journal of the Physical Society of Japan, 2022, 91, .	1.6	29
115	First Observation of the de Haas-van Alphen Effect and Fermi Surfaces in the Unconventional Superconductor UTe ₂ . Journal of the Physical Society of Japan, 2022, 91, .	1.6	29
116	The co-existence of superconductivity and ferromagnetism in actinide compounds. Journal of Physics Condensed Matter, 2003, 15, S1945-S1955.	1.8	28
117	Magnetic structure of NpTGa ₅ (T: Fe, Co, Ni). Physica B: Condensed Matter, 2005, 359-361, 1147-1149.	2.7	28
118	Fermi surface property of UPt ₃ studied by de Haas-van Alphen and magnetoresistance experiments. Physica B: Condensed Matter, 2000, 281-282, 710-715.	2.7	27
119	Magnetic properties of URu ₂ Si ₂ under uniaxial stress by neutron scattering. Physical Review Letters, 2013, 110, 216406.	3.2	27
120	Magnetic Structure of Phase II in URu_2Si_2 by Neutron Diffraction under Pulsed High Magnetic Fields. Physical Review Letters, 2013, 110, 216406.	3.2	27
121	Unique Electronic States in Non-centrosymmetric Cubic Compounds. Journal of Electronic Materials, 2017, 46, 3572-3584.	2.2	27
122	Fermi-Surface Instability in the Heavy-Fermion Superconductor UTe ₂ . Physical Review Letters, 2020, 124, 086601.	7.8	27
123	Pressure dependence of the magnetic ordering in CeRhIn ₅ . Physical Review B, 2008, 77, .	3.2	26
124	²⁷ Al NMR Evidence for the Strong-Coupling d-Wave Superconductivity in NpPd ₅ Al ₂ . Journal of the Physical Society of Japan, 2008, 77, 083702.	1.6	26
125	Microscopic magnetic properties of the ferromagnetic superconductor UCoGe reviewed by x-ray magnetic circular dichroism. Physical Review B, 2015, 92, .	3.2	26
126	Lifshitz Transitions in the Ferromagnetic Superconductor UCoGe. Physical Review Letters, 2016, 117, 206401.	7.8	26

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127	Dimensionality Driven Enhancement of Ferromagnetic Superconductivity in URhGe. Physical Review Letters, 2018, 120, 037001.	7.8	26
128	Comparison of two superconducting phases induced by a magnetic field in UTe ₂ . Communications Physics, 2021, 4, .	5.3	26
129	Neutron diffraction study of magnetic structure and successive 5f electronic transition in the itinerant antiferromagnet NpRhGa ₅ . Physical Review B, 2006, 74, .	3.2	25
130	Antiferromagnetism and Superconductivity in CeRhIn ₅ . Journal of the Physical Society of Japan, 2011, 80, SA001.	1.6	25
131	Decoupling between Field-Instabilities of Antiferromagnetism and Pseudo-Metamagnetism in Rh-Doped CeRu ₂ Si ₂ Kondo Lattice. Journal of the Physical Society of Japan, 2012, 81, 034711.	1.6	25
132	Translational Symmetry Breaking and Gapping of Heavy-Quasiparticle Pocket in URu ₂ Si ₂ . Scientific Reports, 2013, 3, 2750.	3.3	25
133	Magnetoresistance and the Anisotropic Hybridization Gap in CeNiSn. Journal of the Physical Society of Japan, 1996, 65, 1158-1161.	1.6	24
134	de Haas-van Alphen Oscillations and Magnetic Properties of YbPb ₃ and EuPb ₃ . Journal of the Physical Society of Japan, 1998, 67, 4251-4259.	1.6	24
135	Itinerant 5f Electrons and the Fermi Surface Properties in an Enhanced Pauli Paramagnet NpGe ₃ . Journal of the Physical Society of Japan, 2005, 74, 2149-2152.	1.6	24
136	Super Clean Sample of URu ₂ Si ₂ . Journal of the Physical Society of Japan, 2008, 77, 362-364.	1.6	24
137	Anisotropic inelastic scattering and its interplay with superconductivity in URu_2Si_2 . Physical Review B, 2009, 80, .	3.2	24
138	Competition and/or coexistence of antiferromagnetism and superconductivity in CeRhIn ₅ and CeCoIn ₅ . Physica Status Solidi (B): Basic Research, 2010, 247, 557-562.	1.5	24
139	Field re-entrant hidden-order phase under pressure in URu ₂ Si ₂ . Journal of Physics Condensed Matter, 2010, 22, 164205.	1.8	24
140	Field-Induced Antiferromagnetic State in Non-centrosymmetric Superconductor CeIrSi ₃ . Journal of the Physical Society of Japan, 2011, 80, 094703.	1.6	24
141	High-Field Fermi Surface Properties in the Low-Carrier Heavy-Fermion Compound URu ₂ Si ₂ . Journal of the Physical Society of Japan, 2012, 81, 074715.	1.6	24
142	Quantum criticality in the ferromagnetic superconductor UCoGe under pressure and magnetic field. Physical Review B, 2016, 94, .	3.2	24
143	Strong Longitudinal Magnetic Fluctuations Near Critical End Point in UCoAl: A ⁵⁹ Co-NMR Study. Journal of the Physical Society of Japan, 2011, 80, 093707.	1.6	23
144	Magnetic Properties under Pressure in Novel Spin-Triplet Superconductor UTe ₂ . Journal of the Physical Society of Japan, 2021, 90, 073703.	1.6	23

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145	Electronic Band Structure and Fermi Surface of Heavy-Fermion Neptunium Superconductor NpPd ₅ Al ₂ . Journal of the Physical Society of Japan, 2007, 76, 083708.	1.6	23
146	First Observation of de Haas-van Alphen Effect in PuN ₃ . Journal of the Physical Society of Japan, 2005, 74, 2889-2892.	1.6	22
147	Magnetism and superconductivity of heavy fermion matter. Comptes Rendus Physique, 2006, 7, 22-34.	0.9	22
148	Fermi Surface Instabilities in Ferromagnetic Superconductor URhGe. Journal of the Physical Society of Japan, 2014, 83, 094719.	1.6	22
149	Electronic States in EuCu ₂ (Ge _{1-x} Si _x) ₂ Based on the Doniach Phase Diagram. Journal of the Physical Society of Japan, 2018, 87, 064706.	1.6	22
150	Fermi Surface Properties of USi ₃ . Journal of the Physical Society of Japan, 2000, 69, 1105-1112.	1.6	21
151	Hyperfine interactions in the antiferromagnetic states of UX ₂ (X=P,As,Sb,Bi). Physical Review B, 2004, 69, .	3.2	21
152	Neutron scattering study of magnetic structure and metamagnetic transition between low- and high-moment states of NpNiGa ₅ . Physical Review B, 2006, 74, .	3.2	21
153	Favorable magnetic fluctuation anisotropy for unconventional superconductivity in electron systems. Physical Review B, 2007, 75, .	3.2	21
154	Antimicrobial prophylaxis to prevent perioperative infection in urological surgery: a multicenter study. Journal of Infection and Chemotherapy, 2013, 19, 1093-1101.	1.7	21
155	Quasiparticle excitations and evidence for superconducting double transitions in monocrystalline U _{0.97} Th _{0.03} Be ₁₃ . Physical Review B, 2017, 96, .	3.2	21
156	Thermoelectricity of the ferromagnetic superconductor UCoGe. Physical Review B, 2012, 85, .	3.2	20
157	High pressure XANES and XMCD in the tender X-ray energy range. High Pressure Research, 2016, 36, 445-457.	1.2	20
158	Three-dimensional critical phase diagram of the Ising antiferromagnet CeRh ₂ under intense magnetic field and pressure. Physical Review B, 2017, 95, .	3.6	20
159	Evidence of Fermi surface reconstruction at the metamagnetic transition of the strongly correlated superconductor UTe ₂ . Physical Review Research, 2020, 2, .	3.6	20
160	Fermi Surface Properties of the Enhanced Pauli Paramagnet UAl ₃ . Journal of the Physical Society of Japan, 2000, 69, 2609-2614.	1.6	19
161	Coexistence of antiferromagnetism and superconductivity in heavy-fermion systems. Journal of Physics and Chemistry of Solids, 2002, 63, 1141-1146.	4.0	19
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