

Dai Aoki

List of Publications by Year in descending order

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515
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citations

34076

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docs citations

526
times ranked

3773
citing authors

#	ARTICLE	IF	CITATIONS
1	Transition from spin glass to paramagnetism in the magnetic properties of PrAu ₂ Si ₂ . Journal of Physics Condensed Matter, 2022, 34, 135805.	0.7	0
2	Dirac lines and loop at the Fermi level in the time-reversal symmetry breaking superconductor LaNiGa ₂ . Communications Physics, 2022, 5, .	2.0	15
3	Slow Electronic Dynamics in the Paramagnetic State of UTe ₂ . Journal of the Physical Society of Japan, 2022, 91, .	0.7	16
4	Donor-Related Risk Factors for Graft Decompensation Following Descemet's Stripping Automated Endothelial Keratoplasty. Frontiers in Medicine, 2022, 9, 810536.	1.2	2
5	Unconventional superconductivity in UTe ₂ . Journal of Physics Condensed Matter, 2022, 34, 243002.	0.7	61
6	Nature of field-induced antiferromagnetic order in Zn-doped CeCoIn ₅ and its connection to quantum criticality in the pure compound. Physical Review B, 2022, 105, .	1.1	6
7	Abrupt Change in Electronic States under Pressure in New Compound EuPt ₃ Al ₅ . Journal of the Physical Society of Japan, 2022, 91, .	0.7	3
8	Superconducting Order Parameter in UTe ₂ Determined by Knight Shift Measurement. Journal of the Physical Society of Japan, 2022, 91, .	0.7	29
9	Abrupt change in magnetic anisotropy in UTe ₂ under pressure revealed by ¹¹⁹ Sr NMR. Physical Review B, 2022, 105, .	1.1	6
10	Magnetovolume Effect on the First-Order Metamagnetic Transition in UTe ₂ . Journal of the Physical Society of Japan, 2022, 91, .	0.7	10
11	Split Fermi Surface Properties of Noncentrosymmetric Compounds Fe ₂ P, Ni ₂ P, and Pd ₂ Si. Journal of the Physical Society of Japan, 2022, 91, .	0.7	1
12	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, .	0.7	29
13	Specific heat of CeRhIn ₅ in high magnetic fields: Magnetic phase diagram revisited. Physical Review B, 2021, 103, .	1.1	11
14	Robust Fermi-Surface Morphology of CeRhIn ₅ across the Putative Field-Induced Quantum Critical Point. Physical Review Letters, 2021, 126, 016403.	2.9	3
15	Comparison of two superconducting phases induced by a magnetic field in UTe ₂ . Communications Physics, 2021, 4, .	2.0	26
16	Anisotropic response of spin susceptibility in the superconducting state of UTe ₂ probed with ¹¹⁹ Sr NMR. Physical Review B, 2021, 103, .	1.1	36
17	Pairing symmetry of an intermediate valence superconductor CeIr ₃ investigated using ¹¹⁹ Sr NMR measurements. Physical Review B, 2021, 103, .	1.1	10
18	Single-crystal growth and magnetic phase diagram of the enantiopure crystal of NdPt ₂ B. Physical Review Materials, 2021, 5, .	1.1	2

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19	Origin of the 30Å transition in CeRhIn5 in tilted magnetic fields. Physical Review B, 2021, 103, .	1.1	1
20	1D charge density wave in the hidden order state of URu2Si2. Communications Physics, 2021, 4, .	2.0	1
21	Anomalous anisotropy of the lower critical field and Meissner effect in $U\text{Te}_2$. Physical Review B, 2021, 103, .		
22	Anisotropy of X-ray Absorption Cross Section in CeCoGe3 Single Crystal. Crystals, 2021, 11, 544.	1.0	2
23	Inhomogeneous Superconducting State Probed by ^{125}Te NMR on $U\text{Te}_2$. Journal of the Physical Society of Japan, 2021, 90, 064709.	0.7	17
24	Critical slowing-down and field-dependent paramagnetic fluctuations in the skyrmion host EuPtSi: ^{151}Sm NMR and NMR studies. Physical Review B, 2021, 104, .	1.1	0
25	Field-Induced Superconductivity near the Superconducting Critical Pressure in $U\text{Te}_2$. Journal of the Physical Society of Japan, 2021, 90, 074705.	0.7	18
26	Observation of Longitudinal Magnetic Fluctuations at a First-Order Ferromagnetic Quantum Phase Transition in UGe2. Journal of the Physical Society of Japan, 2021, 90, 073707.	0.7	0
27	Magnetic Properties under Pressure in Novel Spin-Triplet Superconductor $U\text{Te}_2$. Journal of the Physical Society of Japan, 2021, 90, 073703.	0.7	23
28	Low-dimensional antiferromagnetic fluctuations in the heavy-fermion paramagnetic ladder compound $U\text{Te}_2$. Physical Review B, 2021, 104, .	1.1	44
29	Enhancement and Discontinuity of Effective Mass through the First-Order Metamagnetic Transition in $U\text{Te}_2$. Journal of the Physical Society of Japan, 2021, 90, 103702.	0.7	15
30	Core-Level Photoelectron Spectroscopy Study of $U\text{Te}_2$. Journal of the Physical Society of Japan, 2021, 90, 015002.	0.7	15
31	Pairing interaction in superconducting UCoGe tunable by magnetic field. Physical Review B, 2021, 104, .	1.1	4
32	Feedback of Superconductivity on the Magnetic Excitation Spectrum of $U\text{Te}_2$. Journal of the Physical Society of Japan, 2021, 90, .	0.7	17
33	Thermodynamic signatures of short-range magnetic correlations in $U\text{Te}_2$. Physical Review B, 2021, 104, .	1.1	15
34	Pressure-induced multicriticality and electronic instability in the quasi-kagome ferromagnet URhSn. Physical Review B, 2021, 104, .	1.1	3
35	Magnetic reshuffling and feedback on superconductivity in $U\text{Te}_2$ under pressure. Physical Review B, 2021, 104, .		
36	Development of high-resolution capacitive Faraday magnetometers for sub-Kelvin region. Review of Scientific Instruments, 2021, 92, 123908.	0.6	5

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37	Anomalous quantum oscillations of CeCoIn_5 in high magnetic fields. <i>Physical Review B</i> , 2021, 104, .		
38	Low Temperature Properties of Uranium Compounds Using Uniaxial Cell Driven by He Gas. <i>Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu</i> , 2021, 31, 184-192.	0.1	0
39	Ir d -band derived superconductivity in LaIr_3 . <i>Journal of Physics Condensed Matter</i> , 2020, 32, 065602.	0.7	7
40	Quasi-one-dimensional magnetic interactions and conduction electrons in EuCu_5 and EuAu_5 with the characteristic hexagonal structure. <i>Philosophical Magazine</i> , 2020, 100, 1244-1257.	0.7	4
41	Extremely large magnetoresistance, anisotropic Hall effect, and Fermi surface topology in single-crystalline W_2Si . <i>Physical Review B</i> , 2020, 102, .	1.1	13
42	Fermi Surface of the Heavy-fermion Superconductor $\text{PrTi}_2\text{Al}_{20}$. <i>Journal of the Physical Society of Japan</i> , 2020, 89, 084704.	0.7	5
43	Strong magnetic anisotropy and unusual magnetic field reinforced phase in URhSn with a quasi-kagome structure. <i>Physical Review B</i> , 2020, 102, .	1.1	6
44	Orbital crossing in spin-split Fermi surfaces and anisotropic effective mass of the noncentrosymmetric heavy-fermion paramagnet UPt_5 . <i>Physical Review B</i> , 2020, 102, .	1.1	2
45	Anisotropy of upper critical field and surface superconducting state in the intermediate-valence superconductor CeIr_3 . <i>Physical Review B</i> , 2020, 102, .	1.1	8
46	De Haas-van Alphen Effect and Fermi Surface Properties of Ti_2Sn_3 . , 2020, , .		0
47	Spin-Triplet Superconductivity in UTe_2 and Ferromagnetic Superconductors. , 2020, , .		10
48	Anisotropic Kondo pseudogap in URu_2Si_2 . <i>Physical Review B</i> , 2020, 101, .		
49	Magnetic structure of Cd-doped CeIrIn_5 . <i>Physical Review B</i> , 2020, 101, .		
50	Destabilization of hidden order in URu_2Si_2 under magnetic field and pressure. <i>Nature Physics</i> , 2020, 16, 942-948.	6.5	5
51	Anisotropy of the Upper Critical Field in the Heavy-Fermion Superconductor UTe_2 under Pressure. <i>Journal of the Physical Society of Japan</i> , 2020, 89, 053707.	0.7	32
52	Pseudo-Triplet 5f Electron State in the Heavy Fermion Superconductor NpPd_5Al_2 . <i>Journal of the Physical Society of Japan</i> , 2020, 89, 024707.	0.7	2
53	Electronic Nematicity in URu_2Si_2 Revisited. <i>Physical Review Letters</i> , 2020, 124, 257601.		
54	Electronic States of Sn_4P_3 : Analogue of Topological Insulator Bi_2Se_3 . , 2020, , .		0

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55	Fermi-Surface Instability in the Heavy-Fermion Superconductor UTe_2 . Physical Review Letters, 2020, 124, 086601.	2.9	27
56	Multiple Superconducting Phases and Unusual Enhancement of the Upper Critical Field in UTe_2 . Journal of the Physical Society of Japan, 2020, 89, 053705.	0.7	70
57	Orientation of point nodes and nonunitary triplet pairing tuned by the easy-axis magnetization in UTe_2 . Physical Review Research, 2020, 2, .	1.3	34
58	Evidence of Fermi surface reconstruction at the metamagnetic transition of the strongly correlated superconductor UTe_2 . Physical Review Research, 2020, 2, .	1.3	20
59	Electrical Transport under Pressure in Non-centrosymmetric URhSn. , 2020, , .		1
60	Single Crystal Growth and de Haas-van Alphen Effect of Non-Centrosymmetric Heavy-Fermion Compound UPt ₅ . , 2020, , .		0
61	Magnetic and transport properties of new ternary uranium-based germanide U ₂ Rh ₃ Ge ₅ . Journal of Physics Condensed Matter, 2020, 32, 495804.	0.7	0
62	de Haas-van Alphen Effect and Fermi Surface Properties in Single-Crystalline ThCu ₂ Si ₂ . Journal of the Physical Society of Japan, 2020, 89, 094703.	0.7	2
63	Magnetic Fluctuation and First-Order Transition in Trillium Lattice of EuPtSi Observed by ¹⁵¹ Eu Mössbauer Spectroscopy. Journal of the Physical Society of Japan, 2019, 88, 094702.	0.7	10
64	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.	0.7	111
65	Fermi-surface selective determination of the g -factor anisotropy in URu_2Si_2 . Physical Review B, 2019, 99, .	1.1	8
66	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.	0.7	35
67	¹²⁵ Te-NMR Study on a Single Crystal of Heavy Fermion Superconductor UTe_2 . Journal of the Physical Society of Japan, 2019, 88, 073701.	0.7	64
68	Magnetic-Field-Induced Phenomena in the Paramagnetic Superconductor UTe_2 . Journal of the Physical Society of Japan, 2019, 88, 063705.	0.7	46
69	Electronic Structure of UTe_2 Studied by Photoelectron Spectroscopy. Journal of the Physical Society of Japan, 2019, 88, 103701.	0.7	33
70	Superconducting Properties of Heavy Fermion UTe_2 Revealed by ¹²⁵ Te-nuclear Magnetic Resonance. Journal of the Physical Society of Japan, 2019, 88, 113703.	0.7	74
71	Electronic States of Antiferromagnet FeSn and Pauli Paramagnet CoSn. Journal of the Physical Society of Japan, 2019, 88, 014705.	0.7	15
72	Observation of a metamagnetic transition in the heavy-fermion compound UNi ₂ Al ₃ : Magnetization studies up to 90 ÅT for single-crystalline heavy-fermion compound UNi ₂ Al ₃ . Physical Review B, 2019, 100, .	1.1	3

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73	Metamagnetic Transition in Heavy Fermion Superconductor UTe_2 . Journal of the Physical Society of Japan, 2019, 88, 063706.	0.7	80
74	High-field moment polarization in the itinerant ferromagnet URhSi. Physical Review B, 2019, 100, .	1.1	2
75	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.	0.7	34
76	Unconventional Superconductivity in Heavy Fermion UTe_2 . Journal of the Physical Society of Japan, 2019, 88, 043702.	0.7	173
77	De Haas-van Alphen Experiment and Fermi Surface Properties in Field-Induced Ferromagnetic State of MnP. Journal of the Physical Society of Japan, 2019, 88, 044705.	0.7	5
78	High-field phase diagram of the heavy-fermion metal $CeIn_3$: Pulsed-field NMR study on single crystals up to 56 T. Physical Review B, 2019, 99, .	1.1	4
79	Magnetic and electrical properties of the ternary compound U_2Ir_3 with one-dimensional uranium zigzag chains. Physical Review B, 2019, 99, .	1.1	4
80	Review of U-based Ferromagnetic Superconductors: Comparison between UGe_2 , URhGe, and UCoGe. Journal of the Physical Society of Japan, 2019, 88, 022001.	0.7	160
81	De Haas-van Alphen Oscillations for Small Electron Pocket Fermi Surfaces and Huge H -linear Magnetoresistances in Degenerate Semiconductors PbTe and PbS. Journal of the Physical Society of Japan, 2019, 88, 013704.	0.7	4
82	Spin-Triplet p -Wave Superconductivity Revealed under High Pressure in UPe_3 . Physical Review Letters, 2019, 122, 067001.	2.9	16
83	Multiple superconducting phases in a nearly ferromagnetic system. Communications Physics, 2019, 2, .	2.0	87
84	Superconducting and Fermi Surface Properties of Pyrite-type Compounds CuS_2 and $CuSe_2$. Journal of the Physical Society of Japan, 2019, 88, 014702.	0.7	8
85	Superconducting Properties of $CeIr_3$ Single Crystal. Journal of the Physical Society of Japan, 2018, 87, 053704.	0.7	14
86	Search for multipolar instability in URu_2Si_2 studied by ultrasonic measurements under pulsed magnetic field. Physical Review B, 2018, 97, .	1.1	4
87	Ge - and Co -NMR studies. Physical Review B, 2018, 97, .	1.1	4
88	Dimensionality Driven Enhancement of Ferromagnetic Superconductivity in URhGe. Physical Review Letters, 2018, 120, 037001.	2.9	26
89	^{73}Ge -NMR study on magnetic fluctuations of ferromagnetic superconductor UGe_2 . Physica B: Condensed Matter, 2018, 536, 543-545.	1.3	0
90	Giant Hall Resistivity and Magnetoresistance in Cubic Chiral Antiferromagnet EuPtSi. Journal of the Physical Society of Japan, 2018, 87, 023701.	0.7	79

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109	Splitting Fermi Surfaces and Heavy Electronic States in Non-Centrosymmetric $U_{3-x}Ni_xSn_4$. Journal of the Physical Society of Japan, 2018, 87, 044703.	0.7	11
110	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.	0.7	22
111	Unique Electronic States in Non-centrosymmetric Cubic Compounds. Journal of Electronic Materials, 2017, 46, 3572-3584.	1.0	27
112	Raman active high energy excitations in URu ₂ Si ₂ . Physica B: Condensed Matter, 2017, 506, 19-22.	1.3	4
113	Pairing mechanism in the ferromagnetic superconductor UCoGe. Nature Communications, 2017, 8, 14480.	5.8	46
114	Fermi Surface and Magnetic Properties in Ferromagnet CoS ₂ and Paramagnet CoSe ₂ with the Pyrite-type Cubic Structure. Journal of Physics: Conference Series, 2017, 807, 012001.	0.3	12
115	Re-entrant spin glass behaviour and large magnetocaloric effect in Er ₂ PtSi ₃ . Journal of Physics: Conference Series, 2017, 807, 042003.	0.3	2
116	Field-induced magnetic instability within a superconducting condensate. Science Advances, 2017, 3, e1602055.	4.7	11
117	Microscopic Magnetic Properties of the Itinerant Metamagnet UCoAl by X-ray Magnetic Circular Dichroism. Journal of the Physical Society of Japan, 2017, 86, 024712.	0.7	8
118	Superconducting and ferromagnetic phase diagram of UCoGe probed by thermal expansion. Physical Review B, 2017, 95, .	1.1	2
119	Three-dimensional critical phase diagram of the Ising antiferromagnet $CeRh_{1-x}Mn_x$ under intense magnetic field and pressure. Physical Review B, 2017, 95, .	1.1	2
120	Fermi Surfaces in the Antiferromagnetic, Paramagnetic and Polarized Paramagnetic States of $CeRh_2Si_2$ Compared with Quantum Oscillation Experiments. Journal of the Physical Society of Japan, 2017, 86, 084702.	0.7	5
121	Observation of a new field-induced phase transition and its concomitant quantum critical fluctuations in $U_{1-x}R_xGe_3$. Physical Review B, 2017, 95, .	1.1	14
122	Drastic change of the Fermi surface across the metamagnetic transition in $CeCo_{1-x}Rh_x$. Physical Review B, 2017, 95, .	1.1	3
123	Quasiparticle excitations and evidence for superconducting double transitions in monocrystalline U _{0.97} Th _{0.03} Be ₁₃ . Physical Review B, 2017, 96, .	1.1	21
124	Ferromagnetic cluster glass behavior and large magnetocaloric effect in Ho ₂ PtSi ₃ . Solid State Communications, 2017, 268, 1-6.	0.9	4
125	Coincidence of magnetic and valence quantum critical points in CeRhIn ₅ under pressure. Physical Review B, 2017, 96, .	1.1	8

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127	Orbital and spin moments in the ferromagnetic superconductor URhGe by x-ray magnetic circular dichroism. <i>Physical Review B</i> , 2017, 95, .	1.1	12
128	Divalent, trivalent, and heavy fermion states in Eu compounds. <i>Philosophical Magazine</i> , 2017, 97, 3399-3414.	0.7	36
129	Superconducting, Fermi surface, and magnetic properties in SrTGe ₃ and EuTGe ₃ (T: transition metal) with the Rashba-type tetragonal structure. <i>Journal of Alloys and Compounds</i> , 2017, 694, 439-451.	2.8	16
130	Single Crystal Growth and Superconductivity in La ₇ Ni ₃ without Inversion Symmetry in the Crystal Structure. <i>Journal of Physics: Conference Series</i> , 2017, 807, 052012.	0.3	4
131	Absence of the Pauli-Paramagnetic Limit in a Superconducting U ₆ Co. <i>Journal of the Physical Society of Japan</i> , 2017, 86, 073701.	0.7	3
132	Pressure Evolution of Characteristic Electronic States in EuRh ₂ Si ₂ and EuNi ₂ Ge ₂ . <i>Journal of Physics: Conference Series</i> , 2017, 807, 022004.	0.3	7
133	Quantum tricritical fluctuations driving mass enhancement and reentrant superconductivity in URhGe. <i>Journal of Physics: Conference Series</i> , 2016, 683, 012010.	0.3	0
134	Investigation of exotic electronic properties on rare-earth & actinide compounds under high pressure. <i>MRS Advances</i> , 2016, 1, 2975-2986.	0.5	3
135	Pressure-Induced Valence Transition and Characteristic Electronic States in EuRh ₂ Si ₂ . <i>Journal of the Physical Society of Japan</i> , 2016, 85, 063701.	0.7	34
136	New heavy-fermion antiferromagnet UPd ₂ Cd ₂₀ . <i>Journal of Physics Condensed Matter</i> , 2016, 28, 425601.	0.7	7
137	Pressure cell for transport measurements under high pressure and low temperature in pulsed magnetic fields. <i>Review of Scientific Instruments</i> , 2016, 87, 023907.	0.6	8
138	Magnetic and Fermi Surface Properties of Ferromagnets EuPd ₂ and EuPt ₂ . <i>Journal of the Physical Society of Japan</i> , 2016, 85, 084705.	0.7	7
139	Quantum criticality in the ferromagnetic superconductor UCoGe under pressure and magnetic field. <i>Physical Review B</i> , 2016, 94, .	1.1	24
140	Large Upper Critical Field of Superconductivity in the Single Crystal U ₆ Co. <i>Journal of the Physical Society of Japan</i> , 2016, 85, 073713.	0.7	2
141	High pressure XANES and XMCD in the tender X-ray energy range. <i>High Pressure Research</i> , 2016, 36, 445-457.	0.4	20
142	Collapse of Ferromagnetism and Fermi Surface Instability near Reentrant Superconductivity of URhGe. <i>Physical Review Letters</i> , 2016, 117, 046401.	2.9	33
143	Interplay between quantum fluctuations and reentrant superconductivity with a highly enhanced upper critical field in URhGe. <i>Physical Review B</i> , 2016, 93, .	1.1	15
144	Field-Induced Lifshitz Transition without Metamagnetism in CeIrIn_5 . <i>Physical Review Letters</i> , 2016, 116, 037202.	2.9	35

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145	Omnidirectional Measurements of Angle-Resolved Heat Capacity for Complete Detection of Superconducting Gap Structure in the Heavy-Fermion Antiferromagnet UPd_2Al_3 . <i>Physical Review Letters</i> , 2016, 117, 037001.	2.9	9
146	Superconducting and Fermi Surface Properties of Single Crystal ZrCo_2 . <i>Journal of the Physical Society of Japan</i> , 2016, 85, 034706.	0.7	9
147	Thermoelectric power quantum oscillations in the ferromagnet UGe_2 . <i>Physical Review B</i> , 2016, 93, .		
148	Properties and Collapse of the Ferromagnetism in UCo_2Al Studied in Single Crystals. <i>Journal of the Physical Society of Japan</i> , 2016, 85, 034710.	0.7	9
149	Lifshitz Transitions in the Ferromagnetic Superconductor UCoGe . <i>Physical Review Letters</i> , 2016, 117, 206401.	2.9	26
150	Field-induced spin-density wave beyond hidden order in URu_2Si_2 . <i>Nature Communications</i> , 2016, 7, 13075.	5.8	32
151	Large Cyclotron Mass and Large Ordered Moment in Ferromagnet CoS_2 Compared with Paramagnet CoSe_2 . <i>Journal of the Physical Society of Japan</i> , 2016, 85, 064716.	0.7	10
152	Low Temperature Spin-glass Behavior in Nonmagnetic Atom Disorder Compound Pr_2CuIn_3 . <i>Physics Procedia</i> , 2015, 75, 703-710.	1.2	6
153	Upper critical field under hydrostatic pressure in UCoGe . <i>Journal of Physics: Conference Series</i> , 2015, 592, 012068.	0.3	1
154	Large Magnetocaloric Effect and Magnetic Properties in ErCoAl . <i>Physics Procedia</i> , 2015, 75, 1300-1305.	1.2	3
155	Pressure-Temperature-Field Phase Diagram in the Ferromagnet U_3P_4 . <i>Journal of the Physical Society of Japan</i> , 2015, 84, 024705.	0.7	9
156	Unusual strong spin-fluctuation effects around the critical pressure of the itinerant Ising-type ferromagnet URhAl . <i>Physical Review B</i> , 2015, 91, .	1.1	30
157	Fermi surface instabilities in CeRh_2Si_2 at high magnetic field and pressure. <i>Physical Review B</i> , 2015, 91, .	1.1	8
158	Microscopic magnetic properties of the ferromagnetic superconductor UCoGe reviewed by x-ray magnetic circular dichroism. <i>Physical Review B</i> , 2015, 92, .	1.1	26
159	Optical conductivity of URu_2Si_2 in the Kondo liquid and hidden-order phases. <i>Physical Review B</i> , 2015, 92, .		
160	Quasi-two-dimensional Fermi surfaces of the heavy-fermion superconductor Ce_2PdIn_8 . <i>Physical Review B</i> , 2015, 92, .	1.1	7
161	Uniaxial-Stress-Induced Ferromagnetism in the Itinerant Metamagnetic Compound UCoAl Probed by Magnetostriction Measurements. <i>Journal of the Physical Society of Japan</i> , 2015, 84, 023704.	0.7	13
162	Non-Fermi-liquid nature and exotic thermoelectric power in the heavy-fermion superconductor UBe_{13} . <i>Physical Review B</i> , 2015, 92, .	1.1	8

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163	EM-TV reconstruction algorithm for pinhole-type fluorescent X-ray computed tomography. , 2015, , .		1
164	Single Crystal Growth and Electronic State of UPd ₂ Cd ₂₀ . Physics Procedia, 2015, 75, 56-61.	1.2	3
165	Spin-Fluctuation Effects Near the Quantum Phase Transition of the Ising-Type Itinerant Ferromagnet URhAl. Physics Procedia, 2015, 75, 397-404.	1.2	0
166	Development of Bridgman-Type Pressure Cell for Pulsed High Magnetic Field. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 2015, 25, 325-333.	0.1	2
167	Phase diagram of CeRh ₂ Si ₂ under pressure studied by thermopower measurements. Journal of Physics: Conference Series, 2015, 592, 012002.	0.3	0
168	Mass Enhancement of Nearly Trivalent Compound EuCo ₂ Si ₂ : Studied by the de Haas-van Alphen Experiments and Energy Band Calculations. Journal of Physics: Conference Series, 2015, 592, 012049.	0.3	15
169	Single crystal growth and magnetic properties of RCu ₉ Sn ₄ (R: rare earth) Tj ETQq1 1 0.784314 rgBJ /Overlock	0.3	2
170	Quantum Criticality of an Itinerant Ferromagnetic Compound URhAl Studied by Resistivity Measurements under High Pressure. Journal of Physics: Conference Series, 2015, 592, 012088.	0.3	2
171	X-ray absorption spectroscopy and novel electronic properties in heavy fermion compounds YbT ₂ Zn ₂₀ (T: Rh and Ir). Journal of Physics: Conference Series, 2015, 592, 012021.	0.3	4
172	Reentrant Superconductivity Driven by Quantum Tricritical Fluctuations in URhGe: Evidence from $\frac{d\rho}{dT}$ and $\chi(T)$. Physical Review B, 2015, 91, 080402.	2.9	55
173	De Haas-van Alphen Effect and Fermi Surface Properties in Ferromagnet LaCo ₂ P ₂ and Related Compounds. Physics Procedia, 2015, 75, 876-883.	1.2	7
174	Large Cyclotron Effective Mass Detected by de Haas-van Alphen Effect in YbCu ₂ Si ₂ . Journal of the Physical Society of Japan, 2015, 84, 035002.	0.7	0
175	Lattice dynamics of the heavy-fermion compound URu ₂ Si ₂ . Physical Review B, 2015, 91, .	1.2	1
176	Superconductivity and Ferromagnetic Quantum Criticality in Uranium Compounds. Journal of the Physical Society of Japan, 2014, 83, 061011.	0.7	68
177	Symmetry of the Excitations in the Hidden Order State of URu ₂ Si ₂ . Physical Review Letters, 2014, 113, 266405.	2.9	29
178	Existence of anisotropic spin fluctuations at low temperature in the normal phase of the superconducting ferromagnet UCoGe. Physical Review B, 2014, 89, .	1.1	10
179	Fermi surface in the hidden-order state of URu ₂ Si ₂ under intense pulsed magnetic fields up to 81 T. Physical Review B, 2014, 89, .		
180	Lifshitz transition and metamagnetism: Thermoelectric studies of CeRu ₂ Si ₂ . Physical Review B, 2014, 90, .	1.1	16

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181	Superconducting gap of UCoGe probed by thermal transport. Physical Review B, 2014, 90, .	1.1	12
182	Metamagnetic Transition of Itinerant Ferromagnet $U_{3-x}P_4$ under High Pressure. , 2014, , .		1
183	Multigap Superconductivity in the Ferromagnetic Superconductor UCoGe Revealed by Thermal Conductivity Measurements. Research Letters in Physics, 2014, 2014, 1-7.	0.2	5
184	Crystal Growth and Luminescence Properties of Yb-doped $Gd_3Al_2Ga_3O_{12}$ Infra-red Scintillator. Optical Materials, 2014, 36, 1484-1487.	1.7	12
185	Magnetic fields above the superconducting ferromagnet UCoGe. Physical Review B, 2014, 90, .	1.1	18
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