Dai Aoki

List of Publications by Year
in descending order

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515 papers	11,523 citations	34016 52 h-index	51492 86 g-index
526 all docs	526 docs citations	526 times ranked	3773 citing authors

#	Article	IF	Citations
1	Transition from spin glass to paramagnetism in the magnetic properties of PrAu₂Si₂. 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 LaNiGa2. Communications Physics, 2022, 5, .	2.0	15
3	Slow Electronic Dynamics in the Paramagnetic State of UTe₂. 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 UTe₂. Journal of Physics Condensed Matter, 2022, 34, 243002.	0.7	61
6	Nature of field-induced antiferromagnetic order in Zn-doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeCoIn</mml:mi><mml:mn>5</mml:mn></mml:msub></ and its connection to quantum criticality in the pure compound. Physical Review B, 2022, 105, .	1.1	1
7	Abrupt Change in Electronic States under Pressure in New Compound EuPt₃Al₅. Journal of the Physical Society of Japan, 2022, 91, .	0.7	3
8	Superconducting Order Parameter in UTe₂ Determined by Knight Shift Measurement. Journal of the Physical Society of Japan, 2022, 91, .	0.7	29
9	Drastic change in magnetic anisotropy of <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></m under pressure revealed by <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Te</mml:mi><mml:mprescripts /><mml:none /><mml:mn>125</mml:mn></mml:mmultiscripts></mml:math> -NMR. Physical Review B, 2022, 105, .	1.1	6
10	Magnetovolume Effect on the First-Order Metamagnetic Transition in UTe₂. Journal of the Physical Society of Japan, 2022, 91, .	0.7	10
11	Split Fermi Surface Properties of Noncentrosymmetric Compounds Fe₂P, Ni₂P, and Pd₂Si. Journal of the Physical Society of Japan, 2022, 91, .	0.7	1
12	First Observation of the de Haasâ€“van Alphen Effect and Fermi Surfaces in the Unconventional Superconductor UTe₂. Journal of the Physical Society of Japan, 2022, 91, .	0.7	29
13	Specific heat of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeRhIn</mml:mi><mml:mn>5</mml:mn></mml:msub></ in high magnetic fields: Magnetic phase diagram revisited. Physical Review B, 2021, 103, .	1.1	4
14	Robust Fermi-Surface Morphology of CeRhIn5 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 UTe2. Communications Physics, 2021, 4, .	2.0	26
16	Anisotropic response of spin susceptibility in the superconducting state of <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 probed with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Te</mml:mi><mml:mprescripts /><mml:none /><mml:mn>125</mml:mn></mml:mmultiscripts><mml:mtext>a"</mml:mtext><mml:mi>NMR</mml:mi></mml:mrow></mml:math>	1.1	36
17	Pairing symmetry of an intermediate valence superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeIr</mml:mi><mml:mn>3</mml:mn></mml:msub></m investigated using <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î¼</mml:mi><mml:mi>SR</mml:mi></mml:mrow></m measurements. Physical Review B, 2021, 103, .	1.1	10
18	Single-crystal growth and magnetic phase diagram of the enantiopure crystal of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>NdPt</mml:mi><mml:mn>2</mml:mn></mn mathvariant="normal">B</mml:mi></mml:mrow></mml:math>. Physical Review Materials, 2021, 5, .	0.9	2

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19	Origin of the 30ÂT 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 <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></m Physical Review B, 2021, 103, .	1.1	18
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 ¹²⁵Te NMR on UTe₂. 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: Î¼SR and NMR studies. Physical Review B, 2021, 104, .	1.1	0
25	Field-Induced Superconductivity near the Superconducting Critical Pressure in UTe₂. 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 UTe₂. 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 <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 B, 2021, 104, .	1.1	44
29	Enhancement and Discontinuity of Effective Mass through the First-Order Metamagnetic Transition in UTe₂. Journal of the Physical Society of Japan, 2021, 90, 103702.	0.7	15
30	Core-Level Photoelectron Spectroscopy Study of UTe₂. 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 UTe₂. Journal of the Physical Society of Japan, 2021, 90, .	0.7	17
33	Thermodynamic signatures of short-range magnetic correlations in UTe2. 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 <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>UTe</mml:mi></mml:mrow><mml:mn>2 under pressure. Physical Review B, 2021, 104, .	1.1	11
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 <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeCoIn</mml:mi><mml:mn>5</mml:mn></mml:msub></ in high magnetic fields. Physical Review B, 2021, 104, .	1.1	2
38	Low Temperature Properties of Uranium Compounds Using Uniaxial Cell Driven by He Gas. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 2021, 31, 184-192.	0.1	0
39	Ir 5d-band derived superconductivity in LaIr₃. Journal of Physics Condensed Matter, 2020, 32, 065602.	0.7	7
40	Quasi-one-dimensional magnetic interactions and conduction electrons in EuCu5 and EuAu5 with the characteristic hexagonal structure. Philosophical Magazine, 2020, 100, 1244-1257.	0.7	4
41	Extremely large magnetoresistance, anisotropic Hall effect, and Fermi surface topology in single-crystalline <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">W</mml:mi><mml:msub><mml:mi>Si</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:ma Physical Review B, 2020, 102, .	1.1	13
42	Fermi Surface of the Heavy-fermion Superconductor PrTi₂Al₂₀. Journal of the Physical Society of Japan, 2020, 89, 084704.	0.7	5
43	Strong magnetic anisotropy and unusual magnetic field reinforced phase in URhSn with a quasi-kagome structure. Physical Review B, 2020, 102, .	1.1	6
44	Orbital crossing in spin-split Fermi surfaces and anisotropic effective mass of the noncentrosymmetric heavy-fermion paramagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>UPt</mml:mi><mml:mn>5</mml:mn></mml:msub></mm Physical Review B, 2020, 102, .	1.1	2
45	Anisotropy of upper critical field and surface superconducting state in the intermediate-valence superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeIr</mml:mi><mml:mn>3</mml:mn></mml:msub></ Physical Review B, 2020, 102, .	1.1	8
46	DeÂHaasâ€“vanÂAlphen Effect and Fermi Surface Properties of Ti2Sn3. , 2020, , .		0
47	Spin-Triplet Superconductivity in UTe₂ and Ferromagnetic Superconductors. , 2020, , .		10
48	Anisotropic Kondo pseudogap in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>URu</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2020, 101, .	1.1	4
49	Magnetic structure of Cd-doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeIrIn</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:math> Physical Review B, 2020, 101, .	1.1	3
50	Destabilization of hidden order in URu2Si2 under magnetic field and pressure. Nature Physics, 2020, 16, 942-948.	6.5	5
51	Anisotropy of the Upper Critical Field in the Heavy-Fermion Superconductor UTe₂ under Pressure. Journal of the Physical Society of Japan, 2020, 89, 053707.	0.7	32
52	Pseudo-Triplet 5f Electron State in the Heavy Fermion Superconductor NpPd5Al2. Journal of the Physical Society of Japan, 2020, 89, 024707.	0.7	2
53	Electronic Nematicity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>URu</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Revisited. Physical Review Letters, 2020, 124, 257601.	2.9	10
54	Electronic States of Sn4P3: Analogue of Topological Insulator Bi2Se3. , 2020, , .		0

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55	Fermi-Surface Instability in the Heavy-Fermion Superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>UTe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></ Physical Review Letters, 2020, 124, 086601.	2.9	27
56	Multiple Superconducting Phases and Unusual Enhancement of the Upper Critical Field in UTe₂. 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 <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></m Physical Review Research, 2020, 2, .	1.3	34
58	Evidence of Fermi surface reconstruction at the metamagnetic transition of the strongly correlated superconductor <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, .	1.3	20
59	Electrical Transport under Pressure in Non-centrosymmetric URhSn. , 2020, , .		1
60	Single Crystal Growth and de Haasâ€“van Alphen Effect of Non-Centrosymmetric Heavy-Fermion Compound UPt₅. , 2020, , .		0
61	Magnetic and transport properties of new ternary uranium-based germanide U2Rh3Ge5. Journal of Physics Condensed Matter, 2020, 32, 495804.	0.7	0
62	de Haasâ€“van Alphen Effect and Fermi Surface Properties in Single-Crystalline ThCu2Si2. 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 ¹⁵¹Eu MÃ¶ssbauer 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 UTe₂. Journal of the Physical Society of Japan, 2019, 88, 063707.	0.7	111
65	Fermi-surface selective determination of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>g</mml:mi></mml:math> -factor anisotropy in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>URu</mml:mi><mml:mn>2</mml:mn></mml:m Physical Review B, 2019, 99, .	1.1	8
66	Thermodynamic Investigation of Metamagnetism in Pulsed High Magnetic Fields on Heavy Fermion Superconductor UTe₂. Journal of the Physical Society of Japan, 2019, 88, 083705.	0.7	35
67	¹²⁵Te-NMR Study on a Single Crystal of Heavy Fermion Superconductor UTe₂. Journal of the Physical Society of Japan, 2019, 88, 073701.	0.7	64
68	Magnetic-Field-Induced Phenomena in the Paramagnetic Superconductor UTe₂. Journal of the Physical Society of Japan, 2019, 88, 063705.	0.7	46
69	Electronic Structure of UTe₂ Studied by Photoelectron Spectroscopy. Journal of the Physical Society of Japan, 2019, 88, 103701.	0.7	33
70	Superconducting Properties of Heavy Fermion UTe₂ Revealed by ¹²⁵Te-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 <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>5</mml:mn><mml:mi>f</mml:mi></mml:mrow></mml:m heavy-fermion compound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>UNi</mml:mi><mml:mn>2</mml:mn></mml:m : Magnetization studies up to 90ÂT for single-crystalline <mml:math xmlns:mml="http://www.w3.org/1998/Ma. Physical Review B, 2019, 100, .	1.1	3

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73	Metamagnetic Transition in Heavy Fermion Superconductor UTe₂. 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 UTe₂. Journal of the Physical Society of Japan, 2019, 88, 043702.	0.7	173
77	De Haasâ€“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 <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeIn</mml:mi><mml:mn>3</mml:mn></mml:msub></mm : Pulsed-field NMR study on single crystals up to 56 T. Physical Review B, 2019, 99, .	1.1	5
79	Magnetic and electrical properties of the ternary compound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">U</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Ir</mml:mi><mml:mn>3</mml:mn></m with one-dimensional uranium zigzag chains. Physical Review B, 2019, 99, .	1.1	4
80	Review of U-based Ferromagnetic Superconductors: Comparison between UGe₂, URhGe, and UCoGe. Journal of the Physical Society of Japan, 2019, 88, 022001.	0.7	160
81	De Haasâ€“van Alphen Oscillations for Small Electron Pocket Fermi Surfaces and Huge <i>H</i>-linear Magnetoresistances in Degenerate Semiconductors PbTe and PbS. Journal of the Physical Society of Japan, 2019, 88, 013704.	0.7	4
82	Spin-Triplet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>p</mml:mi></mml:mrow></mml:math> -Wave Superconductivity Revealed under High Pressure in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>UBe</mml:mi></mml:mrow><mml:mrow><mml:mn>13</mml:mn></ 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 CuS₂ and CuSe₂. Journal of the Physical Society of Japan, 2019, 88, 014702.	0.7	8
85	Superconducting Properties of CeIr₃ Single Crystal. Journal of the Physical Society of Japan, 2018, 87, 053704.	0.7	14
86	Search for multipolar instability in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>URu</mml:mi><mml:mn>2</mml:mn></mm studied by ultrasonic measurements under pulsed magnetic field. Physical Review B, 2018, 97, .	1.1	12
87	Single ferromagnetic fluctuations in UCoGe revealed by <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ge</mml:mi><mml:mprescripts /><mml:none /><mml:mn>73</mml:mn></mml:mmultiscripts></mml:math> - and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Co</mml:mi><mml:mprescripts /><mml:none /><mml:mn>59</mml:mn></mml:mmultiscripts></mml:math> -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	73Ge-NMR study on magnetic fluctuations of ferromagnetic superconductor UGe2. 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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91	Consecutive magnetic phase diagram of UCoGe-URhGe-UIrGe system. Physica B: Condensed Matter, 2018, 536, 532-534.	1.3	4
92	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0021.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mi>URu</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></ under intense magnetic fields: From hidden order to spin-density wave. Physica B: Condensed Matter, 2018, 536, 457-460.	1.3	4
93	Magnetic properties and effect of pressure on the electronic state of EuCo2Ge2. Physica B: Condensed Matter, 2018, 536, 192-196.	1.3	8
94	Pressure-induced valence change and moderate heavy fermion state in Eu-compounds. Physica B: Condensed Matter, 2018, 536, 182-191.	1.3	15
95	Magnetic anisotropy on the single crystal UNi4B probed by 11B NMR. Physica B: Condensed Matter, 2018, 536, 564-566.	1.3	1
96	Field-induced reentrant superconductivity driven by quantum tricritical fluctuations in URhGe. Physica B: Condensed Matter, 2018, 536, 122-124.	1.3	0
97	Superconducting symmetries and magnetic responses of uranium heavy-fermion systems UBe13 and UPd2Al3. Physica B: Condensed Matter, 2018, 536, 553-557.	1.3	0
98	Fermi surfaces of the pyrite-type cubic AuSb2 compared with split Fermi surfaces of the ullmannite-type cubic chiral NiSbS and PdBiSe. Physica B: Condensed Matter, 2018, 536, 643-648.	1.3	2
99	Pressure-induced rotational symmetry breaking in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>URu</mml:mi><mml:mn>2</mml:mn></ Physical Review B, 2018, 98, .	1.1	18
100	Magnetic field effect on the chiral magnetism of noncentrosymmetric UPtGe: Experiment and theory. Physical Review B, 2018, 98, .	1.1	3
101	Comparison of Artificial Anterior Chamber Internal Pressures and Cutting Systems for Descemet's Stripping Automated Endothelial Keratoplasty. Translational Vision Science and Technology, 2018, 7, 11.	1.1	6
102	Easy-plane XY spin fluctuations in the cycloidal magnet UPtGe studied via field-orientation-dependent Pt195 NMR. Physical Review B, 2018, 98, .	1.1	3
103	Single Crystal Growth of Actinide Compounds. Radioisotopes, 2018, 67, 403-415.	0.1	0
104	The dominant role of critical valence fluctuations on high Tc superconductivity in heavy fermions. Npj Quantum Materials, 2018, 3, .	1.8	13
105	Vortex liquid phase in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi></mml:math> -wave ferromagnetic superconductor UCoGe. Physical Review B, 2018, 98, .	1.1	9
106	Magnetic Properties of Heavy Fermion Compound Ce5Si4 with Chiral Structure. Journal of the Physical Society of Japan, 2018, 87, 074701.	0.7	3
107	Effects of Magnetic Field and Pressure on the Valence-Fluctuating Antiferromagnetic Compound EuPt₂Si₂. Journal of the Physical Society of Japan, 2018, 87, 074709.	0.7	15
108	Anisotropic Magnetic Fluctuations in Ferromagnetic Superconductor UGe2: 73Ge-NQR Study at Ambient Pressure. Journal of the Physical Society of Japan, 2018, 87, 033704.	0.7	4

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109	Splitting Fermi Surfaces and Heavy Electronic States in Non-Centrosymmetric U₃Ni₃Sn₄. Journal of the Physical Society of Japan, 2018, 87, 044703.	0.7	11
110	Electronic States in EuCu₂(Ge_{1â˜'}_xSi_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 URu2Si2. 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 CoS₂and Paramagnet CoSe₂with 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 Er₂PtSi₃. 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
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