

Hisashi Kotegawa

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40
papers

688
citations

12
h-index

26
g-index

49
ext. papers

791
ext. citations

1.9
avg, IF

3.5
L-index

#	Paper	IF	Citations
40	Unusual Nonmagnetic Ordered State in CeCoSi Revealed by ^{59}Co -NMR and NQR Measurements. <i>Journal of the Physical Society of Japan</i> , 2021 , 90, 023702	1.5	6
39	Observation of Longitudinal Magnetic Fluctuations at a First-Order Ferromagnetic Quantum Phase Transition in UGe ₂ . <i>Journal of the Physical Society of Japan</i> , 2021 , 90, 073707	1.5	
38	Helimagnetic Structure and Heavy-Fermion-Like Behavior in the Vicinity of the Quantum Critical Point in Mn ₃ P. <i>Physical Review Letters</i> , 2020 , 124, 087202	7.4	2
37	First-Order Metal-Semiconductor Transition Triggered by Rattling Transition in Tetrahedrite Cu ₁₂ Sb ₄ S ₁₃ : Cu-Nuclear Magnetic Resonance Studies. <i>Journal of the Physical Society of Japan</i> , 2019 , 88, 054710	1.5	4
36	Toward Experimental Determination of Spin-Triplet Pairing in New Exotic Superconductor UTe ₂ . <i>JPSJ News and Comments</i> , 2019 , 16, 16	0.1	
35	Magnetic correlations in the pressure-induced superconductor CrAs investigated by ^{75}As nuclear magnetic resonance. <i>Physical Review B</i> , 2019 , 100,	3.3	1
34	Indication of Ferromagnetic Quantum Critical Point in Kondo Lattice CeRh ₆ Ge ₄ . <i>Journal of the Physical Society of Japan</i> , 2019 , 88, 093702	1.5	5
33	Evidence for Weak Spin-Orbit Interaction Experienced by Cooper Pairs in the Spin-Triplet Superconductor UPt ₃ : ^{195}Pt -NMR Study. <i>Journal of the Physical Society of Japan</i> , 2019 , 88, 064706	1.5	0
32	^{75}As -NQR Investigation of the Relationship between the Instability of Metal-Insulator Transition and Superconductivity in Ru _{1-x} Rh _x As. <i>Journal of the Physical Society of Japan</i> , 2018 , 87, 073703	1.5	1
31	Anisotropic Magnetic Fluctuations in Ferromagnetic Superconductor UGe ₂ : ^{73}Ge -NQR Study at Ambient Pressure. <i>Journal of the Physical Society of Japan</i> , 2018 , 87, 033704	1.5	4
30	Superlattice formation lifting degeneracy protected by nonsymmorphic symmetry through a metal-insulator transition in RuAs. <i>Physical Review Materials</i> , 2018 , 2,	3.2	2
29	^{195}Pt -NMR Evidence for Opening of Partial Charge-Density-Wave Gap in Layered LaPt ₂ Si ₂ with CaBe ₂ Ge ₂ Structure. <i>Journal of the Physical Society of Japan</i> , 2018 , 87, 124713	1.5	2
28	Absence of Magnetic Dipolar Phase Transition and Evolution of Low-Energy Excitations in PrNb ₂ Al ₂₀ with Crystal Electric Field Γ_3 Ground State: Evidence from ^{93}Nb -NQR Studies. <i>Journal of the Physical Society of Japan</i> , 2015 , 84, 074701	1.5	12
27	^{73}Ge -Nuclear Magnetic Resonance/Nuclear Quadrupole Resonance Investigation of Magnetic Properties of URhGe. <i>Journal of the Physical Society of Japan</i> , 2015 , 84, 054710	1.5	22
26	Detection of an unconventional superconducting phase in the vicinity of the strong first-order magnetic transition in CrAs using ^{75}As -nuclear quadrupole resonance. <i>Physical Review Letters</i> , 2015 , 114, 117002	7.4	41
25	Ising-Type Ferromagnetic Ground State Driven by Anisotropic d - f Hybridization in CeRu ₂ Al ₂ B. <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 103709	1.5	3
24	Superconductivity of 2.2 K under Pressure in Helimagnet CrAs. <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 093702	1.5	93

23	A Pressure Cell is Unnecessary to Suppress Ferromagnetism. <i>JPSJ News and Comments</i> , 2014 , 11, 12	0.1	
22	Strong suppression of coherence effect and appearance of pseudogap in the layered nitride superconductor Li_xZrNCl : ^{91}Zr - and ^{15}N -NMR studies. <i>Physical Review B</i> , 2014 , 90,	3.3	11
21	Structural Phase Transition and Superconductivity in LaPt_2Si_2 : ^{139}La - and ^{195}Pt -NMR Studies 2014		3
20	^{27}Al and ^{93}Nb NMR/NQR Studies on the Pr-Based Heavy Fermion System $\text{PrNb}_2\text{Al}_2\text{O}$ 2014 ,		2
19	Cu-NMR studies of the heavy-fermion compound CeCu_6 under high magnetic fields. <i>Journal of the Korean Physical Society</i> , 2013 , 62, 1862-1865	0.6	
18	Evidence of a rattling transition in the caged compounds $\text{LaRu}_2\text{Zn}_{20}$ and $\text{LaIr}_2\text{Zn}_{20}$: ^{139}La NMR studies. <i>Journal of the Korean Physical Society</i> , 2013 , 63, 650-653	0.6	
17	Pressure evolution of the metamagnetic transition in UCoAl As measured using ^{59}Co NMR. <i>Journal of the Korean Physical Society</i> , 2013 , 63, 341-344	0.6	
16	Pressure-Temperature-Magnetic Field Phase Diagram of Ferromagnetic Kondo Lattice CeRuPO . <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 123711	1.5	21
15	Pressure-Induced Superconductivity in Mineral Calaverite AuTe_2 . <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 113704	1.5	17
14	Strong Coupling of Rattling Phonon to Conduction Electrons in Semimetallic Type-I Clathrate $\text{Ba}_8\text{Ga}_{16}\text{Sn}_{30}$. <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 114603	1.5	4
13	Decoupling between Field-Instabilities of Antiferromagnetism and Pseudo-Metamagnetism in Rh-Doped CeRu_2Si_2 Kondo Lattice. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 034711	1.5	19
12	Ising-Type Magnetic Anisotropy Derived by $\Gamma(1)$ Crystal Electric Field Ground State in Tetragonal $\text{CeRu}_2\text{Al}_2\text{B}_{11}$ and ^{27}Al NMR Studies. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 073705	1.5	11
11	Pressure Study of BiS_2 -Based Superconductors $\text{Bi}_4\text{O}_4\text{S}_3$ and $\text{La}(\text{O},\text{F})\text{BiS}_2$. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 103702	1.5	128
10	Magnetic excitations in iron chalcogenide superconductors. <i>Science and Technology of Advanced Materials</i> , 2012 , 13, 054302	7.1	14
9	Spin Dynamics in UBe_{13} : ^9Be -NMR Studies. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, SB024	1.5	1
8	NMR Evidence of Freezing of Rattling Motion in $\text{LaIr}_2\text{Zn}_{20}$ and $\text{LaRu}_2\text{Zn}_{20}$. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 023711	1.5	9
7	Possible Mass Enhancement by Multipole Fluctuations Excited via the Singlet-Triplet Crystal Electric Field States in $\text{PrOs}_4\text{Sb}_{12}$: ^{121}Sb -NMR Studies Using a Single Crystal. <i>Journal of the Physical Society of Japan</i> , 2011 , 80, 074703	1.5	10
6	Heat Capacity and ac-Susceptibility Measurements of $\text{SmOs}_4\text{Sb}_{12}$ under High Pressure. <i>Journal of the Physical Society of Japan</i> , 2011 , 80, SA034	1.5	2

5	Ferromagnetic Quantum Critical Endpoint in UCoAl. <i>Journal of the Physical Society of Japan</i> , 2011 , 80, 094711	1.5	69
4	Pressure Dependence of Superconducting Transition Temperature on Perovskite-Type Fe-Based Superconductors and NMR Study of Sr ₂ VFeAsO ₃ . <i>Journal of the Physical Society of Japan</i> , 2011 , 80, 014712	1.5	8
3	Strong Longitudinal Magnetic Fluctuations Near Critical End Point in UCoAl: A ⁵⁹ Co-NMR Study. <i>Journal of the Physical Society of Japan</i> , 2011 , 80, 093707	1.5	18
2	Effect of Uniaxial Stress for Pressure-Induced Superconductor SrFe ₂ As ₂ . <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 083702	1.5	58
1	Evidence for Unconventional Superconductivity in Arsenic-Free Iron-Based Superconductor FeSe: A ⁷⁷ Se-NMR Study. <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 113703	1.5	82