

Hisashi Kotegawa

List of Publications by Citations

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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	Pressure Study of BiS ₂ -Based Superconductors Bi ₄ O ₄ S ₃ and La(O,F)BiS ₂ . <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 103702	1.5	128
39	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
38	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
37	Ferromagnetic Quantum Critical Endpoint in UCoAl. <i>Journal of the Physical Society of Japan</i> , 2011 , 80, 094711	1.5	69
36	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
35	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
34	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
33	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
32	Decoupling between Field-Instabilities of Antiferromagnetism and Pseudo-Metamagnetism in Rh-Doped CeRu ₂ Si ₂ Kondo Lattice. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 034711	1.5	19
31	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
30	Pressure-Induced Superconductivity in Mineral Calaverite AuTe ₂ . <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 113704	1.5	17
29	Magnetic excitations in iron chalcogenide superconductors. <i>Science and Technology of Advanced Materials</i> , 2012 , 13, 054302	7.1	14
28	Absence of Magnetic Dipolar Phase Transition and Evolution of Low-Energy Excitations in PrNb ₂ Al ₂ O 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	Strong suppression of coherence effect and appearance of pseudogap in the layered nitride superconductor Li _x ZrNCl: Zr ⁹¹ - and N ¹⁵ -NMR studies. <i>Physical Review B</i> , 2014 , 90,	3.3	11
26	Ising-Type Magnetic Anisotropy Derived by $\Gamma_1(1)$ Crystal Electric Field Ground State in Tetragonal CeRu ₂ Al ₂ B ₁₁ B and ²⁷ Al NMR Studies. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 073705	1.5	11
25	Possible Mass Enhancement by Multipole Fluctuations Excited via the Singlet-Triplet Crystal Electric Field States in PrOs ₄ Sb ₁₂ : Sb-NMR Studies Using a Single Crystal. <i>Journal of the Physical Society of Japan</i> , 2011 , 80, 074703	1.5	10
24	NMR Evidence of Freezing of Rattling Motion in LaIr ₂ Zn ₂₀ and LaRu ₂ Zn ₂₀ . <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 023711	1.5	9

23	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, 014711-12	1.5	8
22	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
21	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
20	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
19	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
18	Strong Coupling of Rattling Phonon to Conduction Electrons in Semimetallic Type-I Clathrate Ba ₈ Ga ₁₆ Sn ₃₀ . <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 114603	1.5	4
17	Ising-Type Ferromagnetic Ground State Driven by Anisotropic <i>d</i> - <i>f</i> Hybridization in CeRu ₂ Al ₂ B. <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 103709	1.5	3
16	Structural Phase Transition and Superconductivity in LaPt ₂ Si ₂ : ¹³⁹ La- and ¹⁹⁵ Pt-NMR Studies 2014 ,		3
15	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
14	Heat Capacity and ac-Susceptibility Measurements of SmOs ₄ Sb ₁₂ under High Pressure. <i>Journal of the Physical Society of Japan</i> , 2011 , 80, SA034	1.5	2
13	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
12	²⁷ Al and ⁹³ Nb NMR/NQR Studies on the Pr-Based Heavy Fermion System PrNb ₂ Al ₂₀ 2014 ,		2
11	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
10	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
9	Spin Dynamics in UBe ₁₃ : ⁹ Be-NMR Studies. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, SB024	1.5	1
8	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
7	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
6	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	

- 5 Evidence of a rattling transition in the caged compounds LaRu₂Zn₂₀ and LaIr₂Zn₂₀: ¹³⁹La NMR studies. *Journal of the Korean Physical Society*, **2013**, 63, 650-653 0.6
- 4 Pressure evolution of the metamagnetic transition in UCoAl As measured using ⁵⁹Co NMR. *Journal of the Korean Physical Society*, **2013**, 63, 341-344 0.6
- 3 A Pressure Cell is Unnecessary to Suppress Ferromagnetism. *JPSJ News and Comments*, **2014**, 11, 12 0.1
- 2 Toward Experimental Determination of Spin-Triplet Pairing in New Exotic Superconductor UTe₂. *JPSJ News and Comments*, **2019**, 16, 16 0.1
- 1 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 1.5