

Hideki Tou

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37
papers

614
citations

11
h-index

24
g-index

45
ext. papers

693
ext. citations

1.8
avg. IF

3.39
L-index

#	Paper	IF	Citations
37	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
36	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
35	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
34	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
33	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
32	Effect of Swelling on the Superconducting Characteristics in Electron-Doped ZrNiCl and HfNiCl . <i>Journal of the Physical Society of Japan</i> , 2010 , 79, 014707	1.5	26
31	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
30	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
29	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
28	Pressure-Induced Superconductivity in Mineral Calaverite AuTe ₂ . <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 113704	1.5	17
27	Absence of Magnetic Dipolar Phase Transition and Evolution of Low-Energy Excitations in PrNb ₂ Al ₂₀ with Crystal Electric Field Γ_1 Ground State: Evidence from ⁹³ Nb-NQR Studies. <i>Journal of the Physical Society of Japan</i> , 2015 , 84, 074701	1.5	12
26	Strong suppression of coherence effect and appearance of pseudogap in the layered nitride superconductor Li _x ZrNiCl: Zr ⁹¹ - and N ¹⁵ -NMR studies. <i>Physical Review B</i> , 2014 , 90,	3.3	11
25	Ising-Type Magnetic Anisotropy Derived by $\Gamma_1(1)$ Crystal Electric Field Ground State in Tetragonal CeRu ₂ Al ₂ B ₁₁ and ²⁷ Al NMR Studies. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 073705	1.5	11
24	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
23	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
22	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
21	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

20	Indication of Ferromagnetic Quantum Critical Point in Kondo Lattice CeRh6Ge4. <i>Journal of the Physical Society of Japan</i> , 2019 , 88, 093702	1.5	5
19	Anisotropic Magnetic Fluctuations in Ferromagnetic Superconductor UGe2: ⁷³ Ge-NQR Study at Ambient Pressure. <i>Journal of the Physical Society of Japan</i> , 2018 , 87, 033704	1.5	4
18	First-Order Metal-Semiconductor Transition Triggered by Rattling Transition in Tetrahedrite Cu ₁₂ Sb ₄ Sn ₁₃ : Cu-Nuclear Magnetic Resonance Studies. <i>Journal of the Physical Society of Japan</i> , 2019 , 88, 054710	1.5	4
17	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
16	Stabilization of Phase IV in CexLa _{1-x} B ₆ (x=0.4, 0.5) by Pr and Nd Ion Dopings. <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 093708	1.5	4
15	Ising-Type Ferromagnetic Ground State Driven by Anisotropic d _{xy} Hybridization in CeRu ₂ Al ₂ B. <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 103709	1.5	3
14	Structural Phase Transition and Superconductivity in LaPt ₂ Si ₂ : ¹³⁹ La- and ¹⁹⁵ Pt-NMR Studies 2014		3
13	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
12	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
11	²⁷ Al and ⁹³ Nb NMR/NQR Studies on the Pr-Based Heavy Fermion System PrNb ₂ Al ₂₀ 2014 ,		2
10	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
9	⁷⁵ As-NQR Investigation of the Relationship between the Instability of Metal-Insulator Transition and Superconductivity in Ru _{1-x} RhxAs. <i>Journal of the Physical Society of Japan</i> , 2018 , 87, 073703	1.5	1
8	Spin Dynamics in UBe ₁₃ : ⁹ Be-NMR Studies. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, SB024	1.5	1
7	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
6	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
5	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	
4	Evidence of a rattling transition in the caged compounds LaRu ₂ Zn ₂₀ and LaIr ₂ Zn ₂₀ : ¹³⁹ La NMR studies. <i>Journal of the Korean Physical Society</i> , 2013 , 63, 650-653	0.6	
3	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	

2 Why is the Knight Shift Invariant in URu₂Si₂ Superconductor?. *JPSJ News and Comments*, **2016**, 13, 09 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