

Hideki Tou

List of Publications by Year in descending order

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papers

739
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687335

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968
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#	ARTICLE	IF	CITATIONS
1	Pressure Study of BiS ₂ -Based Superconductors Bi ₄ O ₄ S ₃ and La(O,F)BiS ₂ . Journal of the Physical Society of Japan, 2012, 81, 103702.	1.6	134
2	Superconductivity of 2.2 K under Pressure in Helimagnet CrAs. Journal of the Physical Society of Japan, 2014, 83, 093702.	1.6	112
3	Evidence for Unconventional Superconductivity in Arsenic-Free Iron-Based Superconductor FeSe: A ⁷⁷ Se-NMR Study. Journal of the Physical Society of Japan, 2008, 77, 113703.	1.6	85
4	Effect of Uniaxial Stress for Pressure-Induced Superconductor SrFe ₂ As ₂ . Journal of the Physical Society of Japan, 2009, 78, 083702.	1.6	61
5	Detection of an Unconventional Superconducting Phase in the Vicinity of the Strong First-Order Magnetic Transition in CrAs Using $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \langle \text{mml:mmultiscripts} \langle \text{mml:mrow} \langle \text{mml:mi} \text{As} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \langle \text{mml:mprescripts} / \rangle \langle \text{mml:none} / \rangle \langle \text{mml:mrow} \langle \text{mml:mn} 75 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ -Nuclear Quadrupole Resonance. Physical Review Letters, 2015, 114, 117002.	7.8	51
6	Effect of Swelling on the Superconducting Characteristics in Electron-Doped $\hat{\Gamma}^2$ -ZrNCl and HfNCl. Journal of the Physical Society of Japan, 2010, 79, 014707.	1.6	28
7	Pressure- $\hat{\Gamma}$ Temperature- $\hat{\Gamma}$ Magnetic Field Phase Diagram of Ferromagnetic Kondo Lattice CeRuPO. Journal of the Physical Society of Japan, 2013, 82, 123711.	1.6	28
8	Pressure-Induced Superconductivity in Mineral Calaverite AuTe ₂ . Journal of the Physical Society of Japan, 2013, 82, 113704.	1.6	25
9	⁷³ Ge-Nuclear Magnetic Resonance/Nuclear Quadrupole Resonance Investigation of Magnetic Properties of URhGe. Journal of the Physical Society of Japan, 2015, 84, 054710.	1.6	25
10	Strong Longitudinal Magnetic Fluctuations Near Critical End Point in UCoAl: A ⁵⁹ Co-NMR Study. Journal of the Physical Society of Japan, 2011, 80, 093707.	1.6	23
11	Possible Mass Enhancement by Multipole Fluctuations Excited via the Singlet- $\hat{\Gamma}$ Triplet Crystal Electric Field States in PrOs ₄ Sb ₁₂ : Sb-NMR Studies Using a Single Crystal. Journal of the Physical Society of Japan, 2011, 80, 074703.	1.6	16
12	Absence of Magnetic Dipolar Phase Transition and Evolution of Low-Energy Excitations in PrNb ₂ Al ₂ O with Crystal Electric Field $\hat{\Gamma}^3$ Ground State: Evidence from ⁹³ Nb-NQR Studies. Journal of the Physical Society of Japan, 2015, 84, 074701.	1.6	14
13	Indication of Ferromagnetic Quantum Critical Point in Kondo Lattice CeRh ₆ Ge ₄ . Journal of the Physical Society of Japan, 2019, 88, 093702.	1.6	13
14	NMR Evidence of Freezing of Rattling Motion in LaIr ₂ Zn ₂₀ and LaRu ₂ Zn ₂₀ . Journal of the Physical Society of Japan, 2012, 81, 023711.	1.6	12
15	Unusual Nonmagnetic Ordered State in CeCoSi Revealed by ⁵⁹ Co-NMR and NQR Measurements. Journal of the Physical Society of Japan, 2021, 90, 023702.	1.6	12
16	Ising-Type Magnetic Anisotropy Derived by $\hat{\Gamma}^7(1)$ Crystal Electric Field Ground State in Tetragonal CeRu ₂ Al ₂ B: ¹¹ B and ²⁷ Al NMR Studies. Journal of the Physical Society of Japan, 2012, 81, 073705.	1.6	11
17	Strong suppression of coherence effect and appearance of pseudogap in the layered nitride superconductor Li _x ZrNCl:Zr ₉₁ - and N ₁₅ -NMR studies. Physical Review B, 2014, 90, .	3.2	11
18	Pressure Dependence of Superconducting Transition Temperature on Perovskite-Type Fe-Based Superconductors and NMR Study of Sr ₂ VFeAsO ₃ . Journal of the Physical Society of Japan, 2011, 80, 014712.	1.6	9

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19	Superlattice formation lifting degeneracy protected by nonsymmorphic symmetry through a metal-insulator transition in RuAs. <i>Physical Review Materials</i> , 2018, 2, .	2.4	8
20	First-Order Metal–Semiconductor Transition Triggered by Rattling Transition in Tetrahedrite $\text{Cu}_{12}\text{Sb}_4\text{S}_{13}$: Cu-Nuclear Magnetic Resonance Studies. <i>Journal of the Physical Society of Japan</i> , 2019, 88, 054710.	1.6	7
21	Helimagnetic Structure and Heavy-Fermion-Like Behavior in the Vicinity of the Quantum Critical Point in Mn_3P . <i>Physical Review Letters</i> , 2020, 124, 087202.		
22	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.	1.6	5
23	^{195}Pt -NMR Evidence for Opening of Partial Charge-Density-Wave Gap in Layered LaPt_2Si_2 with CaBe_2Ge_2 Structure. <i>Journal of the Physical Society of Japan</i> , 2018, 87, 124713.	1.6	5
24	Stabilization of Phase IV in $\text{Ce}_x\text{La}_{1-x}\text{B}_6$ ($x=0.4, 0.5$) by Pr and Nd Ion Dopings. <i>Journal of the Physical Society of Japan</i> , 2009, 78, 093708.	1.6	4
25	Ising-Type Ferromagnetic Ground State Driven by Anisotropic d - f Hybridization in $\text{CeRu}_2\text{Al}_2\text{B}$. <i>Journal of the Physical Society of Japan</i> , 2014, 83, 103709.	1.6	4
26	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.	1.6	4
27	^{75}As -NQR Investigation of the Relationship between the Instability of Metal–Insulator Transition and Superconductivity in $\text{Ru}_{1-x}\text{Rh}_x\text{As}$. <i>Journal of the Physical Society of Japan</i> , 2018, 87, 073703.	1.6	3
28	Optical and photoelectrical studies on anisotropic metal-insulator transition of RuAs. <i>Physical Review B</i> , 2019, 100, .	3.2	3
29	Magnetic correlations in the pressure-induced superconductor CrAs investigated by ^{75}As nuclear magnetic resonance. <i>Physical Review B</i> , 2019, 100, .	3.2	3
30	Structural Phase Transition and Superconductivity in LaPt_2Si_2 : ^{139}La - and ^{195}Pt -NMR Studies. , 2014, , .		3
31	First-order phase transition to a nonmagnetic ground state in nonsymmorphic NbCrP. <i>Physical Review B</i> , 2020, 102, .	3.2	3
32	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.	0.7	2
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.	1.6	2
34	^{27}Al and ^{93}Nb NMR/NQR Studies on the Pr-Based Heavy Fermion System $\text{PrNb}_2\text{Al}_{20}$. , 2014, , .		2
35	^{27}Al -NMR/NQR Spectral Analysis of Single Crystal $\text{PrTa}_2\text{Al}_{20}$. , 2020, , .		2
36	The orthorhombic-to-monoclinic phase transition in NbCrP – Peierls distortion of the chromium chain. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2022, 237, 27-37.	0.8	2

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37	Spin Dynamics in UBe ₁₃ : ⁹ Be-NMR Studies. Journal of the Physical Society of Japan, 2012, 81, SB024.	1.6	1
38	Cu-NMR studies of the heavy-fermion compound CeCu ₆ under high magnetic fields. Journal of the Korean Physical Society, 2013, 62, 1862-1865.	0.7	0
39	Pressure evolution of the metamagnetic transition in UCoAl As measured using ⁵⁹ Co NMR. Journal of the Korean Physical Society, 2013, 63, 341-344.	0.7	0
40	Why is the Knight Shift Invariant in URu ₂ Si ₂ Superconductor?. JPSJ News and Comments, 2016, 13, 09.	0.1	0
41	Observation of Longitudinal Magnetic Fluctuations at a First-Order Ferromagnetic Quantum Phase Transition in UGe ₂ . Journal of the Physical Society of Japan, 2021, 90, 073707.	1.6	0
42	Development of Short-range Correlations of 4f Electrons in the Non-Kramers ⁴ f ₃ System PrNb ₂ Al ₂₀ at Low Temperatures Investigated by NMR Measurements. , 2020, , .		0
43	Zn-Substitution Effect on Metal-Semiconductor Transition in Tetrahedrite Cu ₁₂ Sb ₄ S ₁₃ . , 2020, , .		0
44	Precursor of Metal-Semiconductor Transition in Tetrahedrite Probed by Cu-NMR. , 2020, , .		0
45	Disappearance of In-plane Local Magnetic Anisotropy Below 6 K in Odd-parity Superconductor UPt ₃ :Pt-NMR Studies. , 2020, , .		0