

# Hideki Tou

## 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.

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	Unusual Nonmagnetic Ordered State in CeCoSi Revealed by $^{59}\text{Co}$ -NMR and NQR Measurements. <i>Journal of the Physical Society of Japan</i> , <b>2021</b> , 90, 023702	1.5	6
36	Observation of Longitudinal Magnetic Fluctuations at a First-Order Ferromagnetic Quantum Phase Transition in UGe <sub>2</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2021</b> , 90, 073707	1.5	
35	Helimagnetic Structure and Heavy-Fermion-Like Behavior in the Vicinity of the Quantum Critical Point in Mn <sub>3</sub> P. <i>Physical Review Letters</i> , <b>2020</b> , 124, 087202	7.4	2
34	First-Order Metal-Semiconductor Transition Triggered by Rattling Transition in Tetrahedrite Cu <sub>12</sub> Sb <sub>4</sub> Sn <sub>13</sub> : Cu-Nuclear Magnetic Resonance Studies. <i>Journal of the Physical Society of Japan</i> , <b>2019</b> , 88, 054710	1.5	4
33	Magnetic correlations in the pressure-induced superconductor CrAs investigated by $^{75}\text{As}$ nuclear magnetic resonance. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	1
32	Indication of Ferromagnetic Quantum Critical Point in Kondo Lattice CeRh <sub>6</sub> Ge <sub>4</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2019</b> , 88, 093702	1.5	5
31	Evidence for Weak Spin-Orbit Interaction Experienced by Cooper Pairs in the Spin-Triplet Superconductor UPt <sub>3</sub> : $^{195}\text{Pt}$ -NMR Study. <i>Journal of the Physical Society of Japan</i> , <b>2019</b> , 88, 064706	1.5	0
30	$^{75}\text{As}$ -NQR Investigation of the Relationship between the Instability of Metal-Insulator Transition and Superconductivity in Ru <sub>1-x</sub> Rh <sub>x</sub> As. <i>Journal of the Physical Society of Japan</i> , <b>2018</b> , 87, 073703	1.5	1
29	Anisotropic Magnetic Fluctuations in Ferromagnetic Superconductor UGe <sub>2</sub> : $^{73}\text{Ge}$ -NQR Study at Ambient Pressure. <i>Journal of the Physical Society of Japan</i> , <b>2018</b> , 87, 033704	1.5	4
28	Superlattice formation lifting degeneracy protected by nonsymmorphic symmetry through a metal-insulator transition in RuAs. <i>Physical Review Materials</i> , <b>2018</b> , 2,	3.2	2
27	$^{195}\text{Pt}$ -NMR Evidence for Opening of Partial Charge-Density-Wave Gap in Layered LaPt <sub>2</sub> Si <sub>2</sub> with CaBe <sub>2</sub> Ge <sub>2</sub> Structure. <i>Journal of the Physical Society of Japan</i> , <b>2018</b> , 87, 124713	1.5	2
26	Why is the Knight Shift Invariant in URu <sub>2</sub> Si <sub>2</sub> Superconductor?. <i>JPSJ News and Comments</i> , <b>2016</b> , 13, 09	0.1	
25	Absence of Magnetic Dipolar Phase Transition and Evolution of Low-Energy Excitations in PrNb <sub>2</sub> Al <sub>20</sub> with Crystal Electric Field $\Gamma_6$ Ground State: Evidence from $^{93}\text{Nb}$ -NQR Studies. <i>Journal of the Physical Society of Japan</i> , <b>2015</b> , 84, 074701	1.5	12
24	$^{73}\text{Ge}$ -Nuclear Magnetic Resonance/Nuclear Quadrupole Resonance Investigation of Magnetic Properties of URhGe. <i>Journal of the Physical Society of Japan</i> , <b>2015</b> , 84, 054710	1.5	22
23	Detection of an unconventional superconducting phase in the vicinity of the strong first-order magnetic transition in CrAs using $^{75}\text{As}$ -nuclear quadrupole resonance. <i>Physical Review Letters</i> , <b>2015</b> , 114, 117002	7.4	41
22	Ising-Type Ferromagnetic Ground State Driven by Anisotropic $d$ - $f$ Hybridization in CeRu <sub>2</sub> Al <sub>2</sub> B. <i>Journal of the Physical Society of Japan</i> , <b>2014</b> , 83, 103709	1.5	3
21	Superconductivity of 2.2 K under Pressure in Helimagnet CrAs. <i>Journal of the Physical Society of Japan</i> , <b>2014</b> , 83, 093702	1.5	93

20	Strong suppression of coherence effect and appearance of pseudogap in the layered nitride superconductor $\text{Li}_x\text{ZrNCl}$ : $\text{Zr}91$ - and $\text{N}15$ -NMR studies. <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	11
19	Structural Phase Transition and Superconductivity in $\text{LaPt}_2\text{Si}_2$ : $^{139}\text{La}$ - and $^{195}\text{Pt}$ -NMR Studies <b>2014</b> ,		3
18	$^{27}\text{Al}$ and $^{93}\text{Nb}$ NMR/NQR Studies on the Pr-Based Heavy Fermion System $\text{PrNb}_2\text{Al}_2\text{O}$ <b>2014</b> ,		2
17	Cu-NMR studies of the heavy-fermion compound $\text{CeCu}_6$ under high magnetic fields. <i>Journal of the Korean Physical Society</i> , <b>2013</b> , 62, 1862-1865	0.6	
16	Evidence of a rattling transition in the caged compounds $\text{LaRu}_2\text{Zn}_{20}$ and $\text{LaIr}_2\text{Zn}_{20}$ : $^{139}\text{La}$ NMR studies. <i>Journal of the Korean Physical Society</i> , <b>2013</b> , 63, 650-653	0.6	
15	Pressure evolution of the metamagnetic transition in $\text{UCoAl}$ As measured using $^{59}\text{Co}$ NMR. <i>Journal of the Korean Physical Society</i> , <b>2013</b> , 63, 341-344	0.6	
14	Pressure-Temperature-Magnetic Field Phase Diagram of Ferromagnetic Kondo Lattice $\text{CeRuPO}$ . <i>Journal of the Physical Society of Japan</i> , <b>2013</b> , 82, 123711	1.5	21
13	Pressure-Induced Superconductivity in Mineral Calaverite $\text{AuTe}_2$ . <i>Journal of the Physical Society of Japan</i> , <b>2013</b> , 82, 113704	1.5	17
12	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> , <b>2013</b> , 82, 114603	1.5	4
11	Ising-Type Magnetic Anisotropy Derived by $\Gamma(1)$ Crystal Electric Field Ground State in Tetragonal $\text{CeRu}_2\text{Al}_2\text{B}_{11}\text{B}$ and $^{27}\text{Al}$ NMR Studies. <i>Journal of the Physical Society of Japan</i> , <b>2012</b> , 81, 073705	1.5	11
10	Pressure Study of $\text{BiS}_2$ -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> , <b>2012</b> , 81, 103702	1.5	128
9	Spin Dynamics in $\text{UBe}_{13}$ : $^9\text{Be}$ -NMR Studies. <i>Journal of the Physical Society of Japan</i> , <b>2012</b> , 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> , <b>2012</b> , 81, 023711	1.5	9
7	Possible Mass Enhancement by Multipole Fluctuations Excited via the Singlet-Triplet Crystal Electric Field States in $\text{PrOs}_4\text{Sb}_{12}$ : Sb-NMR Studies Using a Single Crystal. <i>Journal of the Physical Society of Japan</i> , <b>2011</b> , 80, 074703	1.5	10
6	Pressure Dependence of Superconducting Transition Temperature on Perovskite-Type Fe-Based Superconductors and NMR Study of $\text{Sr}_2\text{VFeAsO}_3$ . <i>Journal of the Physical Society of Japan</i> , <b>2011</b> , 80, 014712	1.5	8
5	Strong Longitudinal Magnetic Fluctuations Near Critical End Point in $\text{UCoAl}$ : A $^{59}\text{Co}$ -NMR Study. <i>Journal of the Physical Society of Japan</i> , <b>2011</b> , 80, 093707	1.5	18
4	Effect of Swelling on the Superconducting Characteristics in Electron-Doped $\text{E}\text{ZrNCl}$ and $\text{HfNCl}$ . <i>Journal of the Physical Society of Japan</i> , <b>2010</b> , 79, 014707	1.5	26
3	Effect of Uniaxial Stress for Pressure-Induced Superconductor $\text{SrFe}_2\text{As}_2$ . <i>Journal of the Physical Society of Japan</i> , <b>2009</b> , 78, 083702	1.5	58

- 2 Stabilization of Phase IV in  $Ce_xLa_{1-x}B_6$  ( $x=0.4, 0.5$ ) by Pr and Nd Ion Dopings. *Journal of the Physical Society of Japan*, **2009**, 78, 093708 1.5 4
- 1 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 1.5 82