

Akito Sakai

List of Publications by Year in descending order

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34
papers

1,746
citations

516710

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1367
citing authors

#	ARTICLE	IF	CITATIONS
19	Superconducting Properties of the Ferroquadrupolar Cubic $\hat{\Gamma}'_{33}$ Compound $\text{PrTi}_2\text{Al}_{20}$, 2014, .		0
20	Heavy-Fermion Superconductivity in the Quadrupole Ordered State of $\text{PrV}_2\text{Al}_{20}$. Physical Review Letters, 2014, 113, 267001.	7.8	157
21	Heavy Fermion Superconductivity under Pressure in the Quadrupole System $\text{PrTi}_2\text{Al}_{20}$, 2014, .		16
22	Sample Dependence of the Quadrupolar Transition in the Nonmagnetic Cubic $\hat{\Gamma}'_{33}$ Compound $\text{PrV}_2\text{Al}_{20}$, 2014, .		0
23	Low temperature transport properties of the quadrupolar Kondo lattice system $\text{PrTi}_2\text{Al}_{20}$. Journal of the Korean Physical Society, 2013, 63, 398-400.	0.7	5
24	Magnetic excitations and hybridization effect in $\text{PrTi}_2\text{Al}_{20}$. Physical Review B, 2013, 87, 040407.	3.2	35
25	Evidence of a High-Field Phase in $\text{PrV}_2\text{Al}_{20}$ in a [100] Magnetic Field. Journal of the Physical Society of Japan, 2013, 82, 043705.	1.6	22
26	Field Dependence of the Specific Heat in a Heavy-Fermion Superconductor CeIrIn_5 . Journal of the Physical Society of Japan, 2012, 81, SB014.	1.6	1
27	Microscopic Evidence for Long-Range Magnetic Ordering in the $\hat{\Gamma}'_{84}$ Ground Quartet Systems $\text{SmTr}_2\text{Al}_{20}$ (Tr: Ti, V, Cr). Journal of the Physical Society of Japan, 2012, 81, SB050.	1.6	1
28	Low Temperature Properties of the Cubic Kondo Lattice Systems $\text{SmTr}_2\text{Al}_{20}$ (Tr= Ti, V, Cr). Journal of the Physical Society of Japan, 2012, 81, SB049.	1.6	4
29	Superconductivity in the Ferroquadrupolar State in the Quadrupolar Kondo Lattice $\text{PrTi}_2\text{Al}_{20}$. Journal of the Physical Society of Japan, 2012, 81, 083702.	1.6	131
30	Ferroquadrupolar ordering in $\text{PrTi}_2\text{Al}_{20}$. Physical Review B, 2012, 86, .	3.2	85
31	Structure and physical properties of single crystal $\text{PrCr}_2\text{Al}_{20}$ and $\text{CeM}_2\text{Al}_{20}$ (M=V, Cr): A comparison of compounds adopting the $\text{CeCr}_2\text{Al}_{20}$ structure type. Journal of Solid State Chemistry, 2012, 196, 274-281.	2.9	61
32	Superconducting gap structure of CeIrIn_5 from field-angle-resolved measurements of its specific heat. Physical Review B, 2012, 85, .	3.2	16
33	μSR Evidence of Nonmagnetic Order and ^{141}Pr Hyperfine-Enhanced Nuclear Magnetism in the Cubic $\hat{\Gamma}'_{33}$ Ground Doublet System $\text{PrTi}_2\text{Al}_{20}$. Journal of the Physical Society of Japan, 2011, 80, 113703.	1.6	35
34	Kondo Effects and Multipolar Order in the Cubic $\text{Pr}_{1-x}\text{Tr}_x\text{Al}_{20}$ ($\text{Tr}=\text{Ti, V}$). Journal of the Physical Society of Japan, 2011, 80, 063701.	1.6	198