

# Kazuhei Wakiya

## List of Publications by Year in descending order

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23  
papers

128  
citations

1307594

7  
h-index

1281871

11  
g-index

23  
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23  
docs citations

23  
times ranked

100  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural, Magnetic, and Superconducting Properties of Caged Compounds $R\text{Os}_2\text{Zn}_{20}$ ( $R = \text{La, Ce, Pr, and Nd}$ ). Journal of the Physical Society of Japan, 2017, 86, 034707.	1.6	22
2	Impurity quadrupole Kondo ground state in a dilute Pr system $\text{Y1-Pr Ir}_2\text{Zn}_{20}$ . Physica B: Condensed Matter, 2018, 536, 40-42.	2.7	12
3	Effect of La Substitution in $\text{PrIr}_2\text{Zn}_{20}$ on the Superconductivity and Antiferro-Quadrupole Order. Journal of the Physical Society of Japan, 2015, 84, 063703.	1.6	11
4	Competing Magnetic Interactions in the Kramers Doublet System $\text{NdIr}_2\text{Zn}_{20}$ . Journal of the Physical Society of Japan, 2017, 86, 054708.	1.6	11
5	Ferromagnetic Transition in a Caged Compound $\text{NdOs}_2\text{Zn}_{20}$ . Physics Procedia, 2015, 75, 511-515.	1.2	10
6	Intermediate valence state of Ce in the novel quaternary compound $\text{CeRu}_2\text{Sn}_2\text{Zn}_{18}$ . Journal of Alloys and Compounds, 2019, 797, 309-313.	5.5	9
7	Chemical Substitution Effect of High- $T_c$ Superconductor Candidate $\text{R}_4\text{Ni}_3\text{O}_8$ ( $R$ : Rare-earth). , 2020, , .		8
8	Synchrotron X-ray Diffraction and High-Pressure Electrical Resistivity Studies for High- $T_c$ Candidate $\text{Nd}_{3.5}\text{Sm}_{0.5}\text{Ni}_3\text{O}_8$ . Journal of the Physical Society of Japan, 2017, 86, 114605.	1.6	7
9	Structural, Magnetic, and Transport Properties of Novel Quaternary Compounds $\text{R}_2\text{Ru}_2\text{Sn}_2\text{Zn}_{18}$ ( $R = \text{La, Pr, and Nd}$ ). Journal of the Physical Society of Japan, 2018, 87, 094706.	1.6	6
10	Effects of Ga and Cd Substitutions for Zn in $\text{PrIr}_2\text{Zn}_{20}$ on the Quadrupole-Driven Non-Fermi Liquid Behaviors. Journal of the Physical Society of Japan, 2019, 88, 054704.	1.6	6
11	Atomic Dynamics and Structural Transitions in Caged Compounds $\text{RRu}_2\text{Zn}_{20}$ ( $R = \text{La and Pr}$ ). , 2014, , .		6
12	Magnetic field effects on the specific heat of a diluted Pr system $\text{Y1-xPr}_x\text{Ir}_2\text{Zn}_{20}$ . AIP Advances, 2018, 8, 101338.	1.3	5
13	Improved accuracy in high-frequency AC transport measurements in pulsed high magnetic fields. Review of Scientific Instruments, 2020, 91, 125107.	1.3	4
14	Magnetocaloric effect in single-crystal $\text{HoNi}$ with a canted magnetic structure. Japanese Journal of Applied Physics, 2018, 57, 103001.	1.5	3
15	Inelastic X-ray Scattering Study of the Cage-structured Compound $\text{PrRh}_2\text{Zn}_{20}$ . Journal of the Physical Society of Japan, 2021, 90, 024602.	1.6	3
16	Pressure effect on spin-glass behavior in $\text{Ce}_{0.9}\text{Er}_{0.1}\text{Al}_2$ . Physica B: Condensed Matter, 2018, 536, 454-456.	2.7	2
17	Effect of Ga Substitution on the $\Gamma_3$ Doublet Ground State in $\text{PrIr}_2\text{Zn}_{20}$ . Journal of Physics: Conference Series, 2016, 683, 012011.	0.4	1
18	Pressure effects on the magnetic and transport properties of the Kondo lattice system $\text{Ce}_3\text{RuSn}_6$ . Physica B: Condensed Matter, 2018, 536, 492-493.	2.7	1

#	ARTICLE	IF	CITATIONS
19	La Substitution Effect on Superconducting Transition and Doublet Ground State in $\text{PrIr}_2\text{Zn}_{20}$ , 2014, , .		1
20	Magnetic and transport properties of single crystalline $\text{RCo}_x\text{Sn}_2$ ( $\text{R} = \text{Ce}$ and $\text{La}$ ). AIP Advances, 2018, 8, .	1.3	0
21	Magnetic anisotropy of single-crystal ferromagnetic $\text{Ce}_3\text{RuSn}_6$ . Journal of Magnetism and Magnetic Materials, 2019, 471, 274-277.	2.3	0
22	NMR Studies of Structural Stabilization by Site-Selective Element Substitution in 1-2-20 System. , 2020, , .		0
23	Structural and Magnetic Properties of a New Cubic Compound $\text{PrRu}_2\text{In}_2\text{Zn}_{18}$ , 2020, , .		0