

Kotaro Saito

List of Publications by Year in descending order

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papers

151
citations

1163117

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1199594

12
g-index

20
all docs

20
docs citations

20
times ranked

231
citing authors

#	ARTICLE	IF	CITATIONS
1	Motion of the guest ion as precursor to the first-order phase transition in the cage system GdB ₆ . Physical Review B, 2011, 84, .	3.2	28
2	Influence of Electron Doping on Magnetic Order in CeRu ₂ Al ₁₀ . Journal of the Physical Society of Japan, 2014, 83, 104707.	1.6	16
3	Renormalized Motion of Dysprosium Atoms Filling Boron Cages of DyB ₆ . Journal of the Physical Society of Japan, 2012, 81, 113601.	1.6	15
4	Electronic hybridization effect on f electron crystal field states of PrOs_4 . Physical Review B, 2009, 79, .	3.2	13
5	Quantitative evaluation of site preference in Dy-substituted Nd ₂ Fe ₁₄ B. Journal of Alloys and Compounds, 2017, 721, 476-481.	5.5	12
6	Neutron diffraction study of magnetic order in NdFe_2Al_7 . Physical Review B, 2014, 90, .	3.2	11
7	Mn ₂ VAI Heusler alloy thin films: appearance of antiferromagnetism and exchange bias in a layered structure with Fe. Journal Physics D: Applied Physics, 2018, 51, 065001.	2.8	10
8	Magnetization reversal of a Nd-Cu-infiltrated Nd-Fe-B nanocrystalline magnet observed with small-angle neutron scattering. Journal of Applied Physics, 2015, 117, 17B302.	2.5	8
9	Multiple magnetic scattering in small-angle neutron scattering of Nd-Fe-B nanocrystalline magnet. Scientific Reports, 2016, 6, 28167.	3.3	8
10	Magnetization Reversal Process in Pr-Cu Infiltrated Nd-Fe-B Nanocrystalline Magnet Investigated by Small-Angle Neutron Scattering. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	6
11	New Aspects of Electronic Ordered States due to f Configuration of Pr-Based Systems. Journal of the Physical Society of Japan, 2011, 80, SB019.	1.6	5
12	Single crystal structure analysis of a single Sm ₂ Fe ₁₇ N ₃ particle. Journal of Applied Physics, 2014, 115, .	2.5	5
13	Effect of grain-boundary diffusion process on the geometry of the grain microstructure of Nd-Fe-B nanocrystalline magnets. Physical Review Materials, 2019, 3, .	2.4	4
14	Emergence of reentrant metal-nonmetal transition in Pr _{0.85} Ce _{0.15} Ru ₄ P ₁₂ and Pr(Ru _{0.95} Rh _{0.05}) ₄ P ₁₂ . Physical Review B, 2014, 89, .	3.2	3
15	Neutron Scattering Study on f -Electron States in PrCu ₄ Au. , 2014, , .		2
16	Towards spatially resolved magnetic small-angle scattering studies by polarized and polarization-analyzed neutron dark-field contrast imaging. Scientific Reports, 2021, 11, 8023.	3.3	2
17	Rh-substitution effect on 4f-electron states in multipole ordered phase of PrRu ₄ P ₁₂ . Journal of Physics: Conference Series, 2010, 200, 012170.	0.4	1
18	Magnetic Field and Temperature Dependence of X-ray Superlattice Intensity in Multipole Ordered Phase of Pr(Ru _{1-x} Rh _x) ₄ P ₁₂ ($x = 0, 0.03$). Journal of the Physical Society of Japan, 2011, 80, SA026.	1.6	1

#	ARTICLE	IF	CITATIONS
19	Magnetic Properties and Electronic State of Mn-based Heusler Alloys. <i>Materia Japan</i> , 2021, 60, 205-211.	0.1	1
20	Structural and Magnetic Depth Profile Analysis of $L1_{00}$ FeNi Film by Polarized Neutron Reflectometry. , 2015, , .		0