

Hiroyuki Suzuki

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

218
citations

1163117

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1199594

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15
all docs

15
docs citations

15
times ranked

359
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Determination of the Topological Phase Diagram in Cerium Monopnictides. <i>Physical Review Letters</i> , 2018, 120, 086402.	7.8	50
2	Unified understanding of the valence transition in the rare-earth monochalcogenides under pressure. <i>Physical Review B</i> , 2013, 87, .	3.2	45
3	In situ neutron diffraction study of aligning of crystal orientation in diamagnetic ceramics under magnetic fields. <i>Applied Physics Letters</i> , 2008, 92, 112507.	3.3	28
4	Magnetization Process of an $S=1/2$ Tetramer Chain with Ferromagnetic–Ferromagnetic–Antiferromagnetic–Antiferromagnetic Bond Alternating Interactions. <i>Journal of the Physical Society of Japan</i> , 2003, 72, 943-946.	1.6	21
5	Devil's staircase transition of the electronic structures in CeSb. <i>Nature Communications</i> , 2020, 11, 2888.	12.8	21
6	Valence fluctuations and giant isotropic negative thermal expansion in $\text{Sm}1-x\text{R}x\text{S}$ ($\text{R} = \text{Y, La, Ce, Pr, Nd}$). <i>Applied Physics Letters</i> , 2019, 114, .	3.3	11
7	Field-Induced Ferromagnetic Transition in PrInNi_4 . <i>Journal of the Physical Society of Japan</i> , 2002, 71, 1852-1856.	1.6	10
8	Multipole polaron in the devil's staircase of CeSb. <i>Nature Materials</i> , 2022, 21, 410-415.	27.5	9
9	Electrical oscillation in SmS induced by a constant external voltage. <i>Physical Review B</i> , 2014, 89, .	3.2	8
10	Absence of pure quadrupole ordering in SmSn_3 : Dipole-dipole and quadrupole-quadrupole interactions in Sm-based compounds. <i>Physical Review B</i> , 2011, 84, .	3.2	7
11	Effects of Y substitution on the electronic structure and charge dynamics of SmS. <i>Physical Review B</i> , 2019, 100, .	3.2	4
12	Angle-Resolved Photoemission Study on Insulator-to-Metal Transition of $\text{Sm}_{1-x}\text{Y}_x\text{S}$. , 2014, , .		3
13	de Haas–van Alphen Effect Study on $\text{Pr}_x\text{La}_{1-x}\text{Pb}_3$. <i>Journal of the Physical Society of Japan</i> , 2011, 80, SA073.	1.6	1
14	Effect of the Multipole–Multipole Interactions for the Elastic Properties on SmSn_3 . , 2014, , .		0
15	Hydrostatic and Nonhydrostatic Pressure Effects on the Pressure-Induced Iron-Based Superconductor. <i>Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu</i> , 2016, 26, 27-34.	0.0	0