

# Hiroyuki Suzuki

## List of Publications by Year in descending order

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15  
papers

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citations

1163117

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1199594

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all docs

15  
docs citations

15  
times ranked

359  
citing authors

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