

Jens-Uwe Hoffmann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4144370/publications.pdf>

Version: 2024-02-01

56
papers

1,619
citations

430874

18
h-index

289244

40
g-index

56
all docs

56
docs citations

56
times ranked

2526
citing authors

#	ARTICLE	IF	CITATIONS
1	Dirac Strings and Magnetic Monopoles in the Spin Ice Dy ₂ Ti ₂ O ₇ . Science, 2009, 326, 411-414.	12.6	499
2	Patterning of sodium ions and the control of electrons in sodium cobaltate. Nature, 2007, 445, 631-634.	27.8	208
3	The NeXus data format. Journal of Applied Crystallography, 2015, 48, 301-305.	4.5	133
4	Transformation temperatures and magnetoplasticity of Ni-Mn-Ga alloyed with Si, In, Co or Fe. Scripta Materialia, 2006, 54, 1891-1895.	5.2	57
5	Crystal structure and high-temperature magnetoplasticity in the new Ni-Mn-Ga-Cu magnetic shape memory alloys. Scripta Materialia, 2007, 56, 565-568.	5.2	43
6	Magnetic two-dimensional short-range order in hexagonal manganites. Journal of Applied Physics, 2003, 93, 8191-8193. Electronic Structure and Nesting Driven Enhancement of the RKKY Interaction at the Magnetic	2.5	41
7	Ordering Propagation Vector in $Gd_{2}PdSi_{38}$ Magnetic and crystal structure of azurite $Cu_{14}Mg_{12}O_{28}$	7.8	38
8			

#	ARTICLE	IF	CITATIONS
19	Magnetic interaction parameters from paramagnetic diffuse neutron scattering in MnO. Physical Review B, 2003, 68, .	3.2	18
20	Crystal-to-stripe reordering of sodium ions in Na_xMnO_2		

#	ARTICLE	IF	CITATIONS
37	One-dimensional bulk ferromagnets: NdAl ₂ and hcp cobalt. Solid State Communications, 2006, 137, 301-305.	1.9	5
38	Sodium ordering and the control of magnetism in sodium cobaltate. Journal of Magnetism and Magnetic Materials, 2007, 310, 810-812.	2.3	5
39	Neutron diffraction study of magnetic structures in single crystal Ho ₂ PdSi ₃ in magnetic fields up to 5 T. Journal of Physics: Conference Series, 2010, 251, 012017.	0.4	5
40	Magnetically ordered and disordered sublattices in geometrically frustrated Ni chromite. Physical Review B, 2018, 98, .	3.2	5
41	Intergrowth of several solid phases from the Yâ€Niâ€Bâ€C system in a large YNi ₂ B ₂ C crystal. Journal of Applied Crystallography, 2008, 41, 738-746.	4.5	4
42	Structure and dielectric response of (1â€x)NaNO ₂ + xBaTiO ₃ composites at x = 0.05 and 0.1. Physics of the Solid State, 2017, 59, 746-751.	0.6	4
43	Influence of the Grain Size on the Magnetic Properties of TbMnO ₃ . Acta Physica Polonica A, 2012, 121, 785-788.	0.5	4
44	Strongly coupled charge, orbital, and spin order in $TbTe_{1-x}Mn_3$. Physical Review B, 2020, 102, .	0.2	4
45	A Generic Phase Diagram for R_2PdSi_3 ($R =$ Heavy Rare Earth)?. Journal of Physics: Conference Series, 2010, 251, 012026.	0.4	3
46	Neutron studies of gauge field and charge in Ih heavy-water ice. Physical Review B, 2019, 99, .	3.2	3
47	Magnetic short-range order in La _{0.85} Sr _{0.15} MnO ₃ . Physica B: Condensed Matter, 2000, 276-278, 608-609.	2.7	2
48	Magnetic diffuse scattering from Nd above T_N and deduced exchange interaction parameters. Journal of Physics Condensed Matter, 2007, 19, 286201.	1.8	2
49	The magnetic properties of potassium holmium double tungstate. Low Temperature Physics, 2011, 37, 678-683.	0.6	2
50	Spin reorientation by Ni doping in Cu _{1-x} Ni Cr ₂ O ₄ spinels with $x = 0$ and 0.1, and evidence for canted magnetic Cr order above the onset of a ferromagnetic Cu. Journal of Magnetism and Magnetic Materials, 2020, 506, 166683.	2.3	2
51	Ising-axis conversion in. Journal of Magnetism and Magnetic Materials, 2007, 310, 1767-1769.	2.3	1
52	The specific heat of potassium holmium double tungstate. Phase Transitions, 2011, 84, 944-951.	1.3	1
53	Strong correlation between structure and magnetic ordering in tetragonally distorted off-stoichiometric spinels $Mn_{1-x}O_4$ and $Mn_{1-x}O_4$ and $Mn_{1-x}O_4$. Physical Review Materials. 2022, 6, .	2.4	1
54	Paramagnetic short-range order in holmium. Physica B: Condensed Matter, 2000, 276-278, 610-611.	2.7	0

#	ARTICLE	IF	CITATIONS
55	Neutron diffraction study of TbFe ₂ Si ₂ single crystal. Journal of Magnetism and Magnetic Materials, 2007, 316, e481-e483.	2.3	0
56	Double phase transition and magnetic ordering in NdFe ₂ Si ₂ single crystal. Journal of Magnetism and Magnetic Materials, 2007, 310, 1755-1757.	2.3	0