

Ronny Knut

List of Publications by Year in descending order

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times ranked

331
citing authors

#	ARTICLE	IF	CITATIONS
1	Depth-Dependent Magnetization Profiles of Hybrid Exchange Springs. Physical Review Applied, 2014, 2, .	3.8	22
2	Interface characterization of $\text{CoMn}_2\text{MnGe/RhCuSn}$ Heusler multilayers. Physical Review B, 2013, 88, .	3.2	21
3	A setup for element specific magnetization dynamics using the transverse magneto-optic Kerr effect in the energy range of 30-72 eV. Review of Scientific Instruments, 2017, 88, 033113.	1.3	16
4	Analysis of the linear relationship between asymmetry and magnetic moment at the edge of transition metals. Physical Review Research, 2020, 2, .	3.6	16
5	Atomic-scale chemical fluctuation in LaSrVMoO_6 , a proposed half-metallic antiferromagnet. Physical Review B, 2010, 82, .	3.2	13
6	Reactive ZnO/Ti/ZnO interfaces studied by hard x-ray photoelectron spectroscopy. Journal of Applied Physics, 2014, 115, 043714.	2.5	13
7	Ultrafast magnetization dynamics in the half-metallic Heusler alloy CoMn_2FeAl . Physical Review B, 2021, 104, .	3.2	10
8	Magnetocrystalline anisotropy and uniaxiality of $\text{MnAs/GaAs}(100)$ films. Physical Review B, 2011, 83, .	3.2	9
9	Annealing effects on structural and magnetic properties of Co implanted ZnO single crystals. Journal of Applied Physics, 2011, 109, 083918.	2.5	8
10	Investigation of the spectral properties and magnetism of BiFeO_3 by dynamical mean-field theory. Physical Review B, 2018, 97, .	3.2	8
11	Developments and enhancements to the HELIOS pump probe system. Journal of Electron Spectroscopy and Related Phenomena, 2018, 224, 33-37.	1.7	7
12	Element-Specific Magnetization Dynamics in CoPt Alloys Induced by Strong Optical Excitation. Journal of Physical Chemistry C, 2021, 125, 11714-11721.	3.1	7
13	Element-selective ultrafast magnetization dynamics of hybrid Stoner-Heisenberg magnets. Physical Review B, 2022, 105, .	3.2	5
14	Photoinduced reduction of surface states in Fe:ZnO . Journal of Chemical Physics, 2015, 142, 204703.	3.0	3
15	Perpendicular and in-plane hole asymmetry in a strained NiFe_2O_4 film. Journal of Physics Condensed Matter, 2021, 33, 225801.	1.8	3
16	Optical and extreme UV studies of spin dynamics in metallic and insulating ferrimagnets. Journal of Applied Physics, 2021, 130, 240901.	2.5	1