

Nina-Juliane Steinke

List of Publications by Year in descending order

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papers

503
citations

623734

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29
all docs

29
docs citations

29
times ranked

914
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic ordering in Cr-doped Bi ₂ Se ₃ thin films. Europhysics Letters, 2014, 107, 57009.	2.0	60
2	Direct Comparison of PdAu Alloy Thin Films and Nanoparticles upon Hydrogen Exposure. ACS Applied Materials & Interfaces, 2019, 11, 15489-15497.	8.0	45
3	Hafnium ^{IV} an optical hydrogen sensor spanning six orders in pressure. Nature Communications, 2017, 8, 15718.	12.8	41
4	Experimental and theoretical analysis of magnetic moment enhancement in oxygen-deficient EuO. Physical Review B, 2010, 81, .	3.2	38
5	Evidence of Lipid Exchange in Styrene Maleic Acid Lipid Particle (SMALP) Nanodisc Systems. Langmuir, 2016, 32, 11845-11853.	3.5	38
6	Magnetic proximity coupling to Cr-doped Bi_2Sb thin films. Physical Review B, 2017, 95, .	3.2	38
7	Dynamically Driven Emergence in a Nanomagnetic System. Advanced Functional Materials, 2021, 31, 2008389.	14.9	30
8	Structural, electronic, and magnetic investigation of magnetic ordering in MBE-grown Cr _x Sb _{2-2x} Te ₃ thin films. Europhysics Letters, 2016, 115, 27006.	2.0	24
9	Impact of Nanostructuring on the Phase Behavior of Insertion Materials: The Hydrogenation Kinetics of a Magnesium Thin Film. Journal of Physical Chemistry C, 2016, 120, 10185-10191.	3.1	23
10	Thickness-dependent magnetic properties of oxygen-deficient EuO. Physical Review B, 2011, 84, .	3.2	22
11	Microscopic effects of Dy doping in the topological insulator Bi_2Sb . Physical Review B, 2018, 97, .	3.2	22
12	Self-Assembled Fluid Phase Floating Membranes with Tunable Water Interlayers. Langmuir, 2019, 35, 13735-13744.	3.5	18
13	Imposing long-range ferromagnetic order in rare-earth-doped magnetic topological-insulator heterostructures. Physical Review Materials, 2018, 2, .	2.4	18
14	Measurement of gravitation-induced quantum interference for neutrons in a spin-echo spectrometer. Physical Review A, 2014, 89, .	2.5	14
15	Non-lamellar lipid assembly at interfaces: controlling layer structure by responsive nanogel particles. Interface Focus, 2017, 7, 20160150.	3.0	12
16	Magnetic profile of proximity-coupled Bi_2Sb thin films. Physical Review B, 2019, 100, .	3.0	10
17	Revealing defect-induced spin disorder in nanocrystalline Ni. Physical Review Materials, 2021, 5, .	2.4	9
18	Magnetic State of Multilayered Synthetic Antiferromagnets during Soliton Nucleation and Propagation for Vertical Data Transfer. Advanced Materials Interfaces, 2016, 3, 1600097.	3.7	8

#	ARTICLE	IF	CITATIONS
19	Magnetic order in 3D topological insulators—Wishful thinking or gateway to emergent quantum effects?. Applied Physics Letters, 2020, 117, .	3.3	6
20	Search for exotic spin-dependent couplings of the neutron with matter using spin-echo based neutron interferometry. Physical Review D, 2020, 101, .	4.7	6
21	Electrolyte/Dye/TiO ₂ Interfacial Structures of Dye-Sensitized Solar Cells Revealed by <i>In Situ</i> Neutron Reflectometry with Contrast Matching. Langmuir, 2021, 37, 1970-1982.	3.5	6
22	Real-time <i>in situ</i> dynamic sub-surface imaging of multi-component electrodeposited films using event mode neutron reflectivity. Faraday Discussions, 2018, 210, 429-449.	3.2	5
23	Non-volatile voltage control of in-plane and out-of-plane magnetization in polycrystalline Ni films on ferroelectric PMN-PT (001)pc substrates. Journal of Applied Physics, 2021, 129, 154101.	2.5	5
24	Role of higher-order effects in spin-misalignment small-angle neutron scattering of high-pressure torsion nickel. Physical Review Materials, 2021, 5, .	2.4	4
25	Tablelike magnetocaloric effect and enhanced refrigerant capacity in EuO thin films. Physical Review Materials, 2021, 5, .	2.4	4
26	Critical analysis of proximity-induced magnetism in MnTe heterostructures. Physical Review Materials, 2022, 6, .	2.4	4
27	Inorganic Nanoparticles Challenging Lamellar and Non-Lamellar Model Membranes. Biophysical Journal, 2020, 118, 80a.	0.5	0