

Grace Causer

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-small cobalt particles embedded in titania by ion beam synthesis: Additional datasets including electron microscopy, neutron reflectometry, modelling outputs and particle size analysis. Data in Brief, 2022, 40, 107674.	1.0	1
2	Network of Topological Nodal Planes, Multifold Degeneracies, and Weyl Points in CoSi. Physical Review Letters, 2022, 129, .	7.8	12
3	Structure and magnetism of ultra-small cobalt particles assembled at titania surfaces by ion beam synthesis. Applied Surface Science, 2021, 570, 151068.	6.1	6
4	Two-dimensional Magnets: Forgotten History and Recent Progress towards Spintronic Applications. Advanced Functional Materials, 2020, 30, 1901414.	14.9	135
5	The magnetic interfacial properties of an exchange biased nanocrystalline Ni ₈₀ Fe ₂₀ /Fe ₂ O ₃ bilayer studied by polarized neutron reflectometry and Monte Carlo simulation. Japanese Journal of Applied Physics, 2020, 59, SAAC03.	1.5	1
6	In Operando Study of the Hydrogen-Induced Switching of Magnetic Anisotropy at the Co/Pd Interface for Magnetic Hydrogen Gas Sensing. ACS Applied Materials & Interfaces, 2019, 11, 35420-35428.	8.0	12
7	Controlling the magnetic reversal mechanism of exchange biased Mn _x O _y /Ni ₈₀ Fe ₂₀ bilayers through O ⁺ implantation. Journal of Magnetism and Magnetic Materials, 2019, 476, 437-446.	2.3	4
8	Direct Measurement of the Intrinsic Sharpness of Magnetic Interfaces Formed by Chemical Disorder Using a He ⁺ Beam. ACS Applied Materials & Interfaces, 2018, 10, 16216-16224.	8.0	11
9	Surface engineering with Ar ⁺ /O ₂ ⁺ ion beam bombardment: Tuning the electronic and magnetic behavior of Ni ₈₀ Fe ₂₀ /La _{0.7} Sr _{0.3} MnO ₃ /SrTiO ₃ (001) junctions. Journal of Applied Physics, 2018, 124, 183903.	2.5	4
10	Structural evolution of a Ni/NiO _x based supercapacitor in cyclic charging-discharging: A polarized neutron and X-ray reflectometry study. Electrochimica Acta, 2018, 290, 118-127.	5.2	2
11	Tailoring exchange bias in ferro/antiferromagnetic FePt ₃ bilayers created by He ⁺ beams. Journal of Physics Condensed Matter, 2018, 30, 315804.	1.8	6
12	Field dependence of the ferromagnetic/superconducting proximity effect in a YBCO/STO/LCMO multilayer. Nanoscale, 2018, 10, 18995-19003.	5.6	16
13	The microstructural evolution of chemical disorder and ferromagnetism in He ⁺ irradiated FePt ₃ films. Applied Surface Science, 2018, 459, 672-677.	6.1	5
14	In situ ferromagnetic resonance capability on a polarized neutron reflectometry beamline. Journal of Applied Crystallography, 2018, 51, 9-16.	4.5	5
15	Fe/FeO/Fe/FeV Multilayers Characterized by Magnetometry and Polarized Neutron Reflectometry. IEEE Magnetics Letters, 2017, 8, 1-5.	1.1	1
16	Hydrogen Absorption in Metal Thin Films and Heterostructures Investigated in Situ with Neutron and X-ray Scattering. Metals, 2016, 6, 125.	2.3	21