

Alexander Gaul

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

110
citations

1307594

7
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

145
citing authors

#	ARTICLE	IF	CITATIONS
1	Tailored domain wall charges by individually set in-plane magnetic domains for magnetic field landscape design. Journal of Applied Physics, 2013, 114, .	2.5	27
2	Engineered magnetic domain textures in exchange bias bilayer systems. Journal of Applied Physics, 2016, 120, .	2.5	17
3	Time-dependent rotatable magnetic anisotropy in polycrystalline exchange-bias systems: Dependence on grain-size distribution. Physical Review B, 2016, 94, .	3.2	14
4	Modification of the saturation magnetization of exchange bias thin film systems upon light-ion bombardment. Journal of Physics Condensed Matter, 2017, 29, 125801.	1.8	12
5	Preferential weakening of rotational magnetic anisotropy by keV-He ion bombardment in polycrystalline exchange bias layer systems. New Journal of Physics, 2018, 20, 053018.	2.9	11
6	Tailoring Perpendicular Exchange Bias Coupling in Au/Co/NiO Systems by Ion Bombardment. Nanomaterials, 2018, 8, 813.	4.1	11
7	Size limits of magnetic-domain engineering in continuous in-plane exchange-bias prototype films. Beilstein Journal of Nanotechnology, 2018, 9, 2968-2979.	2.8	10
8	Magnetization reversal of Co/Au multilayer stripes with keV-He ⁺ ion bombardment induced coercivity gradient. Journal Physics D: Applied Physics, 2015, 48, 335003.	2.8	7
9	X-ray photoelectron spectroscopy study of an exchange bias system on the basis of Co ₇₀ Fe ₃₀ /Mn ₈₃ Ir ₁₇ interface. Journal of Applied Physics, 2018, 124, 155301.	2.5	1
10	Magnetic domain propagation in Pt/Co/Pt micro wires with engineered coercivity gradients along and across the wire. Journal of Magnetism and Magnetic Materials, 2017, 435, 162-166.	2.3	0