

Albert Lozenko

List of Publications by Year in descending order

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papers

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1040056

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docs citations

22
times ranked

204
citing authors

#	ARTICLE	IF	CITATIONS
1	Superferromagnetism and coercivity in Co-Al ₂ O ₃ granular films with perpendicular anisotropy. Journal of Applied Physics, 2012, 111, 123915.	2.5	30
2	Temperature-dependent magnetic properties of a magnetoactive elastomer: Immobilization of the soft-magnetic filler. Journal of Applied Physics, 2018, 123, .	2.5	26
3	Magnetic properties of La _{0.7} Sr _{0.3} MnO ₃ nanopowders. Low Temperature Physics, 2008, 34, 436-445.	0.6	22
4	Growth-induced perpendicular anisotropy of grains in Co-Al-O nanogranular ferromagnetic films. Physics of the Solid State, 2011, 53, 494-503.	0.6	20
5	Intergranular interactions in nanogranular (CoFeB) _x (SiO ₂) _{1-x} films with temperature and angular variations in coercivity. Low Temperature Physics, 2010, 36, 682-692.	0.6	15
6	Magnetoelasticity and domain structure in antiferromagnetic crystals of the iron-group dihalides. Low Temperature Physics, 2005, 31, 794-806.	0.6	12
7	Positive magnetoresistance in granular magnetic films with perpendicular anisotropy. Journal of Applied Physics, 2011, 110, 113918.	2.5	11
8	Analysis of the temperature-field dependence of the magnetostriction in the antiferromagnetic phase of the easy-plane antiferromagnet CoCl ₂ . Low Temperature Physics, 2000, 26, 489-493.	0.6	10
9	Investigations of the magnetic properties of the granular system Co _{0.6} (Al ₂ O _n) _{0.4} possessing isotropic positive magnetoresistance. Low Temperature Physics, 2007, 33, 974-986.	0.6	10
10	Temperature blocking and magnetization of magnetoactive elastomers. Journal of Magnetism and Magnetic Materials, 2019, 471, 464-467.	2.3	7
11	On the magnetoelastic nature of the anisotropic domains in easy-plane crystals of iron-group dihalides. Low Temperature Physics, 2001, 27, 358-361.	0.6	6
12	Rotatable magnetic anisotropy in Si/SiO ₂ /((Co ₂ Fe) _x Ge _{1-x}) ₂ Heusler alloy films. Journal of Physics Condensed Matter, 2013, 25, 416003.	1.8	6
13	Magnetic properties and anisotropic coercivity in nanogranular films of Co/Al ₂ O ₃ above the percolation limit. Journal Physics D: Applied Physics, 2014, 47, 345002.	2.8	6
14	Magnetostriction during field transformation of the domain structure of an easy-plane antiferromagnet in the case of a magnetoelastic mechanism for the multidomain state. Low Temperature Physics, 2001, 27, 645-649.	0.6	4
15	Magnetostriction of the antiferromagnet NiCl ₂ in the homogeneous and multidomain states. Low Temperature Physics, 2002, 28, 263-266.	0.6	4
16	Description of ordering, temperature dependence of susceptibility, and magnetostriction of a one-sublattice spin system with S=1 and strong biquadratic exchange. Low Temperature Physics, 1998, 24, 721-725.	0.6	3
17	Sol-gel synthesis and properties of tin-doped lanthanum manganites. Low Temperature Physics, 2011, 37, 107-111.	0.6	3
18	Phenomenological description of the multidomain state of the easy-plane antiferromagnet NiCl ₂ . Low Temperature Physics, 2004, 30, 27-33.	0.6	2

#	ARTICLE	IF	CITATIONS
19	Manifestations of non-Heisenberg interactions in the temperature dependence of the NMR frequency of a NiCl ₂ crystal. <i>Low Temperature Physics</i> , 1997, 23, 293-294.	0.6	1
20	On the non-Heisenberg contribution to the spin-spin interaction of an antiferromagnet with $S=3/2$. <i>Low Temperature Physics</i> , 2002, 28, 66-68.	0.6	1
21	Effect of multidomain structure on the field dependences of magnetization and forced striction in easy-plane antiferromagnets. <i>Physics of the Solid State</i> , 2004, 46, 326-334.	0.6	1
22	Characteristics of the magnetic ordering of Fe•Au•Tb multilayer films. <i>Low Temperature Physics</i> , 2007, 33, 329-335.	0.6	0