

Mykola Kulyk

List of Publications by Year in descending order

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papers

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citations

1163117

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#	ARTICLE	IF	CITATIONS
1	Room-temperature ferroelectricity, superparamagnetism and large magnetoelectricity of solid solution $\text{PbFe}_{1/2}\text{Ta}_{1/2}\text{O}_3$ with $(\text{PbMg}_{1/3}\text{Nb}_{2/3}\text{O}_3)_{0.7}(\text{PbTiO}_3)_{0.3}$. <i>Journal of Materials Science</i> , 2020, 55, 1399-1413.	3.7	5
2	Tuning thermo-magnetic properties of dilute-ferromagnet multilayers using RKKY interaction. <i>Applied Physics Letters</i> , 2020, 117, .	3.3	3
3	Magnetotransport properties of nanogranular composites with low-field positive magnetoresistance. <i>Low Temperature Physics</i> , 2020, 46, 792-797.	0.6	0
4	Critical behavior of ensembles of superparamagnetic nanoparticles with dispersions of magnetic parameters. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 375801.	1.8	11
5	Magnetic anisotropy in magnetoactive elastomers, enabled by matrix elasticity. <i>Polymer</i> , 2019, 162, 63-72.	3.8	27
6	Nickel-zinc spinel nanoferrites: Magnetic characterization and prospects of the use in self-controlled magnetic hyperthermia. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 473, 422-427.	2.3	30
7	Temperature blocking and magnetization of magnetoactive elastomers. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 471, 464-467.	2.3	7
8	Temperature-dependent magnetic properties of a magnetoactive elastomer: Immobilization of the soft-magnetic filler. <i>Journal of Applied Physics</i> , 2018, 123, .	2.5	26
9	Manganite Nanoparticles as Promising Heat Mediators for Magnetic Hyperthermia: Comparison of Different Chemical Substitutions. <i>Acta Physica Polonica A</i> , 2018, 133, 1017-1020.	0.5	3
10	Lanthanum-strontium manganites for magnetic nanohyperthermia: Fine tuning of parameters by substitutions in lanthanum sublattice. <i>Journal of Alloys and Compounds</i> , 2017, 702, 31-37.	5.5	21
11	Effect of Synthesis Temperature on Structure and Magnetic Properties of $(\text{La,Nd})_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ Nanoparticles. <i>Nanoscale Research Letters</i> , 2017, 12, 100.	5.7	11
12	Magnetic anisotropy of epitaxial $\text{Co}_2\text{Fe-Ge}$ Heusler alloy films on MgO (100) substrates. <i>AIP Advances</i> , 2017, 7, 055831.	1.3	6
13	Magneto-induced anisotropy in magnetic colloids of superparamagnetic magnetite nanoparticles in an external magnetic field. <i>Soft Matter</i> , 2017, 13, 4080-4087.	2.7	9
14	Monte-Carlo calculation of the coercive force and phase transitions in ensembles of Stoner-Wohlfarth particles with exchange interactions. <i>Low Temperature Physics</i> , 2017, 43, 359-366.	0.6	2
15	Features of the magnetic state of ensembles of nanoparticles of substituted manganites: Experiment and model calculations. <i>Low Temperature Physics</i> , 2017, 43, 570-577.	0.6	4
16	Hysteresis, critical fields and superferromagnetism of the film with perpendicular anisotropy. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 411, 18-28.	2.3	3
17	Iron-Doped $(\text{La,Sr})\text{MnO}_3$ Manganites as Promising Mediators of Self-Controlled Magnetic Nanohyperthermia. <i>Nanoscale Research Letters</i> , 2016, 11, 24.	5.7	32
18	Crystallographic, Magnetic, and Magnetoresistive Properties of $\text{La}_{0.77}\text{Sr}_{0.23}\text{Mn}_{1-y}\text{Fe}_y\text{SO}_3$ Ceramics. <i>Metallofizika I Noveishie Tekhnologii</i> , 2016, 38, 477-490.	0.5	0

#	ARTICLE	IF	CITATIONS
19	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
20	Rotatable magnetic anisotropy in Si/SiO ₂ /(Co ₂ Fe) _x /Ge _{1-x} Heusler alloy films. Journal of Physics Condensed Matter, 2013, 25, 416003.	1.8	6