

# Mykola Kulyk

## List of Publications by Year in descending order

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20  
papers

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citations

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Iron-Doped (La,Sr)MnO <sub>3</sub> Manganites as Promising Mediators of Self-Controlled Magnetic Nanohyperthermia. <i>Nanoscale Research Letters</i> , 2016, 11, 24.	5.7	32
2	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
3	Magnetic anisotropy in magnetoactive elastomers, enabled by matrix elasticity. <i>Polymer</i> , 2019, 162, 63-72.	3.8	27
4	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
5	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
6	Effect of Synthesis Temperature on Structure and Magnetic Properties of (La,Nd) <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> Nanoparticles. <i>Nanoscale Research Letters</i> , 2017, 12, 100.	5.7	11
7	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
8	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
9	Temperature blocking and magnetization of magnetoactive elastomers. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 471, 464-467.	2.3	7
10	Rotatable magnetic anisotropy in Si/SiO <sub>2</sub> /(Co <sub>2</sub> Fe) <sub>x</sub> /Ge <sub>1-x</sub> Heusler alloy films. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 416003.	1.8	6
11	Magnetic properties and anisotropic coercivity in nanogranular films of Co/Al <sub>2</sub> O <sub>3</sub> above the percolation limit. <i>Journal Physics D: Applied Physics</i> , 2014, 47, 345002.	2.8	6
12	Magnetic anisotropy of epitaxial Co <sub>2</sub> Fe-Ge Heusler alloy films on MgO (100) substrates. <i>AIP Advances</i> , 2017, 7, 055831.	1.3	6
13	Room-temperature ferroelectricity, superparamagnetism and large magnetoelectricity of solid solution PbFe <sub>1/2</sub> Ta <sub>1/2</sub> O <sub>3</sub> with (PbMg <sub>1/3</sub> Nb <sub>2/3</sub> O <sub>3</sub> ) <sub>0.7</sub> (PbTiO <sub>3</sub> ) <sub>0.3</sub> . <i>Journal of Materials Science</i> , 2020, 55, 1399-1413.	3.7	5
14	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
15	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
16	Tuning thermo-magnetic properties of dilute-ferromagnet multilayers using RKKY interaction. <i>Applied Physics Letters</i> , 2020, 117, .	3.3	3
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Magnetotransport properties of nanogranular composites with low-field positive magnetoresistance. <i>Low Temperature Physics</i> , 2020, 46, 792-797.	0.6	0
20	Crystallographic, Magnetic, and Magnetoresistive Properties of $\text{La}_{0.77}\text{Sr}_{0.23}\text{Mn}_{1-y}\text{Fe}_y\text{O}_3$ Ceramics. <i>Metallofizika I Noveishie Tekhnologii</i> , 2016, 38, 477-490.	0.5	0