Andrii Av Bodnaruk

List of Publications by Year
in descending order

16	162	1163117 8	1125743 13
papers	citations	h-index	g-index

16	16	16	178
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Magnetic anisotropy in magnetoactive elastomers, enabled by matrix elasticity. Polymer, 2019, 162, 63-72.	3.8	27
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	Lanthanum-strontium manganites for magnetic nanohyperthermia: Fine tuning of parameters by substitutions in lanthanum sublattice. Journal of Alloys and Compounds, 2017, 702, 31-37.	5.5	21
4	EPR of Î³-induced defects and their effects on the photoluminescence in the glasses of the Ag 0.05 Ga 0.05 Ge 0.95 S 2 â€“Er 2 S 3 system. Radiation Physics and Chemistry, 2015, 115, 189-195.	2.8	16
5	Interplay between superparamagnetic and blocked behavior in an ensemble of lanthanumâ€“strontium manganite nanoparticles. Physical Chemistry Chemical Physics, 2017, 19, 27015-27024.	2.8	16
6	Critical bending and shape memory effect in magnetoactive elastomers. Smart Materials and Structures, 2021, 30, 025020.	3.5	12
7	Effect of Synthesis Temperature on Structure and Magnetic Properties of (La,Nd)0.7Sr0.3MnO3 Nanoparticles. Nanoscale Research Letters, 2017, 12, 100.	5.7	11
8	Critical behavior of ensembles of superparamagnetic nanoparticles with dispersions of magnetic parameters. Journal of Physics Condensed Matter, 2019, 31, 375801.	1.8	11
9	Temperature blocking and magnetization of magnetoactive elastomers. Journal of Magnetism and Magnetic Materials, 2019, 471, 464-467.	2.3	7
10	Features of the magnetic state of ensembles of nanoparticles of substituted manganites: Experiment and model calculations. Low Temperature Physics, 2017, 43, 570-577.	0.6	4
11	Epoxy composites filled with graphite nanoplatelets modified by FeNi nanoparticles: Structure and microwave properties. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2022, 283, 115776.	3.5	4
12	Manganite Nanoparticles as Promising Heat Mediators for Magnetic Hyperthermia: Comparison of Different Chemical Substitutions. Acta Physica Polonica A, 2018, 133, 1017-1020.	0.5	3
13	Magnetic and dielectric properties of solid solutions (1â€“x)BiFeO3â€“xYMnO3 multiferroics. Low Temperature Physics, 2019, 45, 1092-1095.	0.6	2
14	Magnetic and Dielectric Properties of (1 â€“ x)BiFeO3â€“xYMnO3 Multiferroics. Technical Physics Letters, 2019, 45, 327-330.	0.7	1
15	Electric properties of Ni-C and Co-C coreâ€“shell nanoparticles in polymer matrix. Molecular Crystals and Liquid Crystals, 2021, 718, 132-141.	0.9	1
16	Magnetotransport properties of nanogranular composites with low-field positive magnetoresistance. Low Temperature Physics, 2020, 46, 792-797.	0.6	0