

Sergii O Solopan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1475341/publications.pdf>

Version: 2024-02-01

25
papers

284
citations

840776

11
h-index

888059

17
g-index

25
all docs

25
docs citations

25
times ranked

303
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of AC losses in magnetic fluids based on substituted manganites. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 18087-18097.	2.8	35
2	Iron-Doped (La,Sr)MnO ₃ Manganites as Promising Mediators of Self-Controlled Magnetic Nanohyperthermia. <i>Nanoscale Research Letters</i> , 2016, 11, 24.	5.7	32
3	Lithium La _{0.57} Li _{0.33} TiO ₃ Perovskite and Li _{1.3} Al _{0.3} Ti _{1.7} (PO ₄) ₃ Li-NASICON Supported Thick Films Electrolytes Prepared by Tape Casting Method. <i>Journal of the Electrochemical Society</i> , 2016, 163, A1653-A1659.	2.9	30
4	Magnetic Properties and AC Losses in AFe ₂ O ₄ (A = Mn, Co, Ni, Zn) Nanoparticles Synthesized from Nonaqueous Solution. <i>Journal of Chemistry</i> , 2015, 2015, 1-9.	1.9	27
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	Profound Interfacial Effects in CoFe ₂ O ₄ /Fe ₃ O ₄ and Fe ₃ O ₄ /CoFe ₂ O ₄ Core/Shell Nanoparticles. <i>Nanoscale Research Letters</i> , 2018, 13, 67.	5.7	20
7	Effect of Synthesis Method of La _{1-x} Sr _x MnO ₃ Manganite Nanoparticles on Their Properties. <i>Nanoscale Research Letters</i> , 2018, 13, 13.	5.7	18
8	Interplay between superparamagnetic and blocked behavior in an ensemble of lanthanum-strontium manganite nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 27015-27024.	2.8	16
9	Synthesis and properties of AFe ₂ O ₄ (A = Mn, Fe, Co, Ni, Zn) nanoparticles produced by deposition from diethylene glycol solution. <i>Russian Journal of Inorganic Chemistry</i> , 2013, 58, 901-905.	1.3	12
10	Nanoparticles of spinel and perovskite ferromagnets and prospects for their application in medicine. <i>AIP Conference Proceedings</i> , 2014, , .	0.4	12
11	Effect of Synthesis Temperature on Structure and Magnetic Properties of (La,Nd) _{0.7} Sr _{0.3} MnO ₃ Nanoparticles. <i>Nanoscale Research Letters</i> , 2017, 12, 100.	5.7	11
12	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
13	Synthesis and comparative characteristics of biological activities of (La, Sr)MnO ₃ and Fe ₃ O ₄ nanoparticles. <i>European Journal of Nanomedicine</i> , 2017, 9, .	0.6	8
14	Structural Aspects of Fe ₃ O ₄ /CoFe ₂ O ₄ Magnetic Nanoparticles According to X-Ray and Neutron Scattering. <i>Journal of Surface Investigation</i> , 2018, 12, 737-743.	0.5	8
15	Synthesis of Barium Cuprate by Secondary Induction Heating and its Electrical Properties. <i>Powder Metallurgy and Metal Ceramics</i> , 2016, 55, 347-354.	0.8	7
16	Synthesis of ferromagnetic La _{1-x} Sr _x MnO ₃ nanoparticles by precipitation from diethylene glycol solution and their properties. <i>Journal of Advanced Ceramics</i> , 2016, 5, 197-203.	17.4	5
17	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
18	Analysis of low-temperature FMR spectra of Fe ₃ O ₄ and ZnFe ₂ O ₄ nanoparticles synthesized using organic molecules. <i>Low Temperature Physics</i> , 2021, 47, 220-227.	0.6	4

#	ARTICLE	IF	CITATIONS
19	Structural Stability of Dispersions of Magnetic Nanoparticles in Aqueous Solutions of Polysorbate-80. Journal of Surface Investigation, 2021, 15, 781-786.	0.5	1
20	Magnetic Properties of Fe ₃ O ₄ /CoFe ₂ O ₄ Composite Nanoparticles with Core/Shell Architecture. Ukrainian Journal of Physics, 2020, 65, 904.	0.2	1
21	AC Field Threshold Effect as a Key Factor towards the Efficient Heating of Fluids with NaFeO ₂ Magnetic Nanoparticles. Particle and Particle Systems Characterization, 0, , 2200095.	2.3	1
22	Synthesis of Ferromagnetic La _{1-x} Sr _x MnO ₃ Nanoparticles by Precipitation in the Reversed Microemulsions. , 2019, , .		0
23	SYNTHESIS OF NANOSCALED MAGNETIC MATERIALS ON THE BASIS OF OXIDE SYSTEMS AND MANUFACTURING OF NON-RECIPROCAL COMPOSITE ELEMENTS BASED ON THEM. Ukrainian Chemical Journal, 2019, 85, 16-23.	0.3	0
24	FEATURES OF PHASE TRANSFORMATIONS IN THE SYNTHESIS OF COMPLEX LITHIUM-CONDUCTING OXIDE MATERIALS. Ukrainian Chemistry Journal, 2021, 87, 14-34.	0.5	0
25	Low-temperature ferromagnetic resonance in bare and SiO ₂ coated La _{0.775} Sr _{0.225} MnO ₃ nanoparticles. Low Temperature Physics, 2022, 48, 330-335.	0.6	0