

Kamil G Gareev

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/501004/publications.pdf>

Version: 2024-02-01

54
papers

377
citations

840776
11
h-index

940533
16
g-index

54
all docs

54
docs citations

54
times ranked

287
citing authors

#	ARTICLE	IF	CITATIONS
1	In vitro toxicity of Fe ₃ O ₄ -SiO ₂ composite, and SiO ₂ -Fe ₃ O ₄ core-shell magnetic nanoparticles. International Journal of Nanomedicine, 2017, Volume 12, 593-603.	6.7	46
2	Magnetotactic Bacteria and Magnetosomes: Basic Properties and Applications. Magnetochemistry, 2021, 7, 86.	2.4	27
3	The Study of Aggregation Processes in Colloidal Solutions of Magnetite-Silica Nanoparticles by NMR Relaxometry, AFM, and UV-Vis Spectroscopy. Applied Magnetic Resonance, 2014, 45, 329-337.	1.2	22
4	Microstructure and Magnetic State of Fe ₃ O ₄ -SiO ₂ Colloidal Particles. Journal of Magnetism, 2015, 20, 221-228.	0.4	20
5	Magnetic granulometry and Mössbauer spectroscopy of Fe ₃ O ₄ -SiO ₂ colloidal nanoparticles. Journal of Magnetism and Magnetic Materials, 2018, 461, 30-36.	2.3	17
6	Characterization of Magnetite-Silica Magnetic Fluids by Laser Scattering. Applied Sciences (Switzerland), 2021, 11, 183.	2.5	14
7	Atomic force microscopy and photoluminescence analysis of porous metal-oxide materials. Semiconductors, 2012, 46, 1584-1588.	0.5	13
8	Investigations of nanocomposite magnetic materials based on the oxides of iron, nickel, cobalt and silicon dioxide. Journal of Physics and Chemistry of Solids, 2013, 74, 656-663.	4.0	13
9	Investigation of the structure, elemental and phase compositions of Fe ₃ O ₄ -SiO ₂ composite layers by scanning electron microscopy, X-ray spectroscopy, and thermal nitrogen desorption methods. Physics of the Solid State, 2014, 56, 2155-2159.	0.6	12
10	Synthesis and Characterization of Polyaniline-Based Composites for Electromagnetic Compatibility of Electronic Devices. Electronics (Switzerland), 2020, 9, 734.	3.1	12
11	Aggregate stability and magnetic characteristics of colloidal Fe ₃ O ₄ -SiO ₂ particles obtained by sol-gel method. Physics of the Solid State, 2017, 59, 1008-1013.	0.6	11
12	Hemocompatibility of magnetic magnetite nanoparticles and magnetite-silica composites in vitro. Bulletin of Siberian Medicine, 2018, 17, 157-167.	0.3	10
13	Study of magnetite nanoparticle suspensions by photometry and NMR relaxometry. Physics of the Solid State, 2013, 55, 2431-2435.	0.6	9
14	Self-assembly of fractal magnetite-silica aggregates in a static magnetic field. Inorganic Materials, 2014, 50, 68-74.	0.8	8
15	Spectroscopic properties of ⁵⁷ Fe-irradiated Fe ₃ O ₄ -SiO ₂ composite nanoparticles. Physics of the Solid State, 2016, 58, 919-923.	0.6	8
16	Fluorescence imaging of the nanoparticles modified with indocyanine green. Journal of Physics: Conference Series, 2017, 917, 042008.	0.4	7
17	Frequency Dependence of an Electromagnetic Absorption Coefficient in Magnetic Fluid. Technical Physics, 2019, 64, 893-896.	0.7	7
18	Microfluidic System for Drug Delivery Based on Microneedle Array and IPMC Valveless Pump. , 2021, , .		7

#	ARTICLE	IF	CITATIONS
19	Albumin covering maintains endothelial function upon magnetic iron oxide nanoparticles intravenous injection in rats. Journal of Biomedical Materials Research - Part A, 2021, 109, 2017-2026.	4.0	7
20	Magnetic Properties of Bacterial Magnetosomes Produced by Magnetospirillum caucaseum SO-1. Microorganisms, 2021, 9, 1854.	3.6	7
21	Providing a Specified Level of Electromagnetic Shielding with Nickel Thin Films Formed by DC Magnetron Sputtering. Coatings, 2021, 11, 1455.	2.6	7
22	The Investigation of Superparamagnetic Colloidal Particles $\text{Fe}_{0.5}\text{M}_{0.5}\text{O}_{0.5}\text{N}_{0.5}\text{SiO}_2$. Solid State Phenomena, 0, 247, 138-141.	0.3	6
23	Obtaining and Characterizing a Water-Based Magnetic Fluid. Bulletin of the Russian Academy of Sciences: Physics, 2019, 83, 904-905.	0.6	6
24	Magnetic Granulometry and Mössbauer Spectroscopy of Synthetic $\text{Fe}_{0.5}\text{M}_{0.5}\text{O}_{0.5}\text{N}_{0.5}\text{TiO}_2$ Composites. IEEE Transactions on Magnetics, 2020, 56, 1-9.	2.1	6
25	Influence of constant magnetic field on aggregation processes in magnetite colloids. Journal of Physics: Conference Series, 2014, 572, 012027.	0.4	5
26	Study of colloidal particles $\text{Fe}_{0.5}\text{M}_{0.5}\text{O}_{0.5}\text{N}_{0.5}\text{SiO}_2$ synthesized by two different techniques. Journal of Physics: Conference Series, 2015, 643, 012088.	0.4	5
27	Measurement method for detecting magnetic and dielectric properties of composite materials at microwave frequencies. , 2015, , .		5
28	Peculiarities of Magnetic States of Iron-Cobalt Coatings Formed on Aluminum by Plasma Electrolytic Oxidation. Journal of Superconductivity and Novel Magnetism, 2018, 31, 1933-1940.	1.8	5
29	Magnetic nanoparticles for medical application with a coating deposited with various methods. Journal of Physics: Conference Series, 2018, 1124, 031009.	0.4	5
30	A study of magnetic film nanocomposites and powders of xerogels synthesized by the sol-gel method. Glass Physics and Chemistry, 2013, 39, 311-319.	0.7	4
31	The preparation and properties of "porous silicon" nickel ferrite nanoheterocomposites for gas detectors. Journal of Sol-Gel Science and Technology, 2014, 71, 234-240.	2.4	4
32	Magnetic properties of $\text{Fe}_{0.5}\text{M}_{0.5}\text{O}_{0.5}\text{N}_{0.5}\text{SiO}_2$ colloidal nanoparticles: Theoretical and experimental aspects. AIP Conference Proceedings, 2016, , .	0.4	4
33	Terahertz spectra of drug-laden magnetic nanoparticles. , 2019, , .		4
34	Heart Rate Monitor Based on IPMC Sensor. , 2021, , .		4
35	Magnetic granulometry, frequency-dependent susceptibility and magnetic states of particles of magnetite ore from the Kovdor deposit. Journal of Magnetism and Magnetic Materials, 2022, 553, 169279.	2.3	4
36	Iron Distribution and Ferromagnetic Characteristics of Fe-Containing PEO Coatings on Aluminum. Protection of Metals and Physical Chemistry of Surfaces, 2018, 54, 830-833.	1.1	3

#	ARTICLE	IF	CITATIONS
37	Magnetic States of Two-Phase Synthesized $\text{Fe}_3\text{O}_4/\text{TiO}_2$ Particles: Experimental and Theoretical Analysis. <i>Physics of the Solid State</i> , 2020, 62, 1691-1694.	0.6	3
38	Magnetic granulometry, Mössbauer spectroscopy, and theoretical modeling of magnetic states of $\text{Fe}_3\text{O}_4/\text{Fe}_x\text{Ti}_{1-x}\text{O}_3$ composites. <i>Chinese Journal of Physics</i> , 2022, 78, 271-296.	3.9	3
39	The sol-gel method and study of $\text{Fe}_2\text{O}_3\text{-NiO-Co}_3\text{O}_4\text{-SiO}_2$ magnetic nanocomposites. <i>Glass Physics and Chemistry</i> , 2013, 39, 548-554.	0.7	2
40	The Iron Distribution and Ferromagnetic Areas in PEO Coatings. <i>Defect and Diffusion Forum</i> , 2018, 386, 296-300.	0.4	2
41	Phosphocreatine immobilization of the surface of silica and magnetite nanoparticles for targeted drug delivery. <i>Russian Chemical Bulletin</i> , 2019, 68, 1096-1101.	1.5	2
42	Research and Development of "Gelatin-Conductive Polymer" Composites for Electromagnetic Compatibility. , 2020, , .		2
43	Features of the terahertz spectra of iron oxide nanoparticles in a silicon dioxide shell and of iron oxide and hydroxide nanoparticles. <i>Journal of Optical Technology (A Translation of Opticheskii Zhurnal)</i> 10.7843/1449-8446/OJOT.2020.0101001	0.784314498	10
44	Spectroscopic properties of superparamagnetic $\text{Fe}_3\text{O}_4/\text{SiO}_2$ nanoparticle colloidal solutions. <i>Journal of Physics: Conference Series</i> , 2016, 769, 012037.	0.4	1
45	The anhysteretic remanent magnetization of magnetite-silica composite nanoparticles. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	1
46	Synthesis of Magnetic Nanoparticles with Radiopaque Marker. <i>Russian Journal of General Chemistry</i> , 2018, 88, 2698-2701.	0.8	1
47	Producing and investigation of radiation-absorbent coatings based on conductive polymers. <i>Journal of Physics: Conference Series</i> , 2019, 1281, 012018.	0.4	1
48	Interaction of Nanocomposites Based on the $\text{Fe}_3\text{O}_4/\text{SiO}_2$ System with an Electromagnetic Field in an Ultra-Wide Frequency Range. <i>Magnetochemistry</i> , 2020, 6, 24.	2.4	1
49	Development of a Modular Reconfigurable Mold for Prototyping of Hollow Microneedles. , 2022, , .		1
50	Synthesis of High-Coercive Epsilon-Iron Oxide Nanoparticles for Biomedical Applications. , 2022, , .		1
51	Immobilization of cardioprotective drug phosphocreatine on a surface of nanoparticles of silica. <i>Journal of Physics: Conference Series</i> , 2017, 917, 042009.	0.4	0
52	Optical properties of tableted samples containing iron oxides in THz region of spectrum. , 2018, , .		0
53	Controlling the Movement of Magnetic Iron Oxide Nanoparticles Intended for Targeted Delivery of Cytostatics. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 5651-5664.	6.7	0
54	Development of Composites Based on Conductive Polymers and MF-4SK and Research of their Electrodynamical Properties. , 2022, , .		0