Gleb Yu Yurkov

List of Publications by Year
in descending order

119	1,990	516710 16	276875 41
papers	citations	h-index	g-index

121	121	121	2026
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Advanced Technologies Used in Digitizing the Cultural Heritage of Northwestern Colchis: The Experience of the Markul Expedition. Applied Sciences (Switzerland), 2022, 12, 2052.	2.5	5
2	Low Cost Embedded Copper Mesh Based on Cracked Template for Highly Durability Transparent EMI Shielding Films. Materials, 2022, 15, 1449.	2.9	11
3	Roman Fortress Pitiunt: 3D-Reconstruction of the Monument Based on the Materials of Archaeological Research and Geological Paleoreconstructions. Applied Sciences (Switzerland), 2021, 11, 4814.	2.5	7
4	Optically Transparent and Highly Conductive Electrodes for Acousto-Optical Devices. Materials, 2021, 14, 7178.	2.9	3
5	Photogrammetry in the Study of the Antique and Medieval Archaeological Site of Markul (Village) Tj ETQq1 1 0.784314 rgBT /Overloc	2.2	2
6	Composition and Electronic and Atomic Structure of Palladium Nanoparticles at Different Metal Concentrations in a Polyethylene Matrix. Technical Physics Letters, 2020, 46, 323-326.	0.7	1
7	NMR imaging of 3D printed biocompatible polymer scaffolds interacting with water. Rapid Prototyping Journal, 2019, 25, 1007-1016.	3.2	3
8	Thermal transformation of nanohafniumcarbosilanes. Ceramics International, 2019, 45, 122-130.	4.8	3
9	The effect of fluorosilicone modifiers on the carbon nanotube networks in epoxy matrix. Journal of Applied Polymer Science, 2018, 135, 46539.	2.6	7
10	Atomic structure of gold nanoparticles stabilized in polyethylene. Inorganic Materials: Applied Research, 2017, 8, 327-330.	0.5	1
11	RESULTS OF STUDY OF THE GREAT ABKHAZIAN (KELASURI) WALL (2013â€“2015) AND ISSUES OF BOUNDARIES OF EARLY MEDIEVAL STATE FORMATIONS ON THE TERRITORY OF ABKHAZIA. Journal of Historical Philological and Cultural Studies, 2017, 3, 174-185.	0.0	0
12	Electroconductive hydrophobic polymer composite materials based on oxidized carbon nanotubes modified with tetrafluoroethylene telomers. Nanotechnologies in Russia, 2016, 11, 782-790.	0.7	7
13	New hydrophobic materials based on poly(tetrafluoroethylene-co-vinylidene fluoride) fiber. Inorganic Materials: Applied Research, 2016, 7, 292-299.	0.5	0
14	Polypropylene Threads Modified by Iron-Containing Nanoparticles Stabilized in Polyethylene. Fibre Chemistry, 2016, 47, 384-389.	0.2	6
15	Composite tribological materials based on molybdenum disulfide nanoparticles and polytetrafluoroethylene microgranules. Russian Journal of Applied Chemistry, 2016, 89, 644-649.	0.5	2
16	Synthesis and magnetic properties of cobalt ferrite nanoparticles in polycarbosilane ceramic matrix. Journal of Alloys and Compounds, 2016, 686, 421-430.	5.5	12
17	Nuclear magnetic resonance in magnetic nano-materials as an effective technique to test and/or to certificate local magnetic properties. International Journal of Nanotechnology, 2016, 13, 126.	0.2	8
18	Effect of carbon nanotubes dispersed in binder on properties of epoxy nanocomposite. Russian Journal of Applied Chemistry, 2015, 88, 1848-1854.	0.5	4

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19	Creation and modification of superhydrophobic materials based on fibrous polytetrafluoroethylene. Doklady Chemistry, 2015, 462, 156-159.	0.9	3
20	High-refractory ceramics based on alumina-yttria binders. Inorganic Materials, 2015, 51, 722-727.	0.8	12
21	Study of structure and properties of polymer composites based on polytetrafluoroethylene and cobalt nanoparticles. Inorganic Materials: Applied Research, 2015, 6, 179-186.	0.5	9
22	Development of a fibrous potassium polytitanate. Theoretical Foundations of Chemical Engineering, 2015, 49, 485-489.	0.7	5
23	The structural features of fluorinated paraffins. Polymer Science - Series A, 2015, 57, 415-424.	1.0	6
24	Structurization and moisture absorption features of epoxy nanocomposites with carbon nanotubes. Inorganic Materials: Applied Research, 2015, 6, 515-520.	0.5	1
25	Modified amorphous layered titanates as precursor materials to produce heterostructured nanopowders and ceramic nanocomposites. Journal of Alloys and Compounds, 2014, 586, S494-S497.	5.5	7
26	Adsorption and photo-catalytic properties of layered lepidocrocite-like quasi-amorphous compounds based on modified potassium polytitanates. Particuology, 2014, 17, 22-28.	3.6	27
27	Synthesis and structure of copper nanoparticles and their antiinfection properties. Inorganic Materials: Applied Research, 2014, 5, 54-60.	0.5	3
28	Synthesis of organoyttroxanealumoxanesiloxanes and preparation of glass and glass-ceramics on their base. Inorganic Materials, 2014, 50, 306-313.	0.8	5
29	Influence of curing mode on formation of epoxy composite structure in the presence of carbon nanotubes. Inorganic Materials: Applied Research, 2014, 5, 516-521.	0.5	4
30	Modification of polypropylene filaments with metal-containing nanoparticles immobilized in a polyethylene matrix. Nanotechnologies in Russia, 2014, 9, 533-540.	0.7	6
31	Preparation of gold nanoparticles from the metal scrap. Theoretical Foundations of Chemical Engineering, 2014, 48, 487-492.	0.7	5
32	Preceramic nanohafniumoligocarbosilanes. Inorganic Materials, 2014, 50, 423-430.	0.8	7
33	Glass-ceramic coatings based on organoyttroxanealumoxanesiloxanes. Inorganic Materials, 2014, 50, 636-641.	0.8	6
34	Catalytic properties of composite materials based on mesoporous silica and zirconium hydrogen phosphate. Inorganic Materials, 2014, 50, 586-591.	0.8	7
35	Prospects of using carbonaceous nanoparticles in binders for polymer composites. Nanotechnologies in Russia, 2013, 8, 163-185.	0.7	58
36	Magnetic composites based on ultrafine polytetrafluoroethylene and cobalt containing nanoparticles. Polymer Science - Series D, 2013, 6, 232-237.	0.6	2

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37	Influence of anions stabilizing the sols in synthesis of powders of highly dispersed titanium dioxide and three-dimensional nanocomposites based on SiO2/TiO2. Physics of the Solid State, 2013, 55, 1111-1119.	0.6	8
38	Composites based on SiO2 micrograins and cobalt-containing nanoparticles: Synthesis, structure, and magnetic properties. Russian Journal of Physical Chemistry A, 2013, 87, 832-839.	0.6	0
39	Transport properties of hybrid materials based on MF-4SC perfluorinated ion-exchange membranes and nanosized ceria. Nanotechnologies in Russia, 2013, 8, 461-465.	0.7	5
40	New polymers and copolymers based on 1-trifluoromethyl-1-ferrocenyl-2,2,2-trifluoroethyl methacrylate. Polymer Science - Series A, 2013, 55, 625-630.	1.0	1
41	Preparation of compact vanadium nitride using the oxidative constructing approach and study of its properties. Inorganic Materials: Applied Research, 2013, 4, 464-467.	0.5	3
42	Study of the composite based on iron-containing nanoparticles dispersed in the polyethylene matrix. Physics of the Solid State, 2013, 55, 1946-1949.	0.6	1
43	Magnetic properties of nickel ferrite nanoparticles prepared using flotation extraction. Inorganic Materials, 2013, 49, 109-114.	0.8	10
44	Hybrid materials based on MF-4SC perfluorinated sulfo cation-exchange membranes and silica with proton-acceptor properties. Mendeleev Communications, 2013, 23, 66-68.	1.6	14
45	Effect of chemical composition on the photocatalytic activity of potassium polytitanates intercalated with nickel ions. Russian Journal of Applied Chemistry, 2013, 86, 343-350.	0.5	7
46	Structure of polytetrafluoroethylene powders obtained by photochemical polymerization of gaseous monomer. Inorganic Materials: Applied Research, 2013, 4, 131-137.	0.5	3
47	Synthesis and physicochemical properties of composites for electromagnetic shielding applications: a polymeric matrix impregnated with iron- or cobalt-containing nanoparticles. Journal of Nanophotonics, 2012, 6, 061717.	1.0	7
48	Effect of nickel oxide additive on properties of catalysts used in the reaction of selective oxidation of carbon monoxide. Russian Journal of Applied Chemistry, 2012, 85, 1345-1350.	0.5	1
49	Fluorinated monomers and polymers with specific properties for integrated optics and photonics. Doklady Chemistry, 2012, 446, 183-187.	0.9	3
50	Synthesis of yttrium-containing organoalumoxanes. Inorganic Materials, 2012, 48, 1058-1063.	0.8	13
51	Synthesis and properties of rheniumâ€“polyethylene nanocomposite. Composites Part B: Engineering, 2012, 43, 3192-3197.	12.0	16
52	Magnetic ceramics based on nanoparticles of cobalt and silicon oxide obtained from polycarbosilane. Inorganic Materials: Applied Research, 2012, 3, 371-375.	0.5	2
53	Effect of supercritical carbon dioxide on ultradispersed polytetrafluoroethylene. Journal of Supercritical Fluids, 2012, 62, 204-210.	3.2	14
54	Ni, Co, Cu, Ni-Co, and Ni-Cu nanoparticles in opal matrices and mesoporous silica gels. Inorganic Materials, 2012, 48, 289-297.	0.8	8

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55	The structure and magnetic properties of cobalt ferrite nanoparticles synthesized in a system of direct micelles of amphiphiles by means of ion flotoextraction. Russian Journal of Physical Chemistry A, 2012, 86, 418-423.	0.6	4
56	Properties of fractions of ultradisperse polytetrafluoroethylene soluble in supercritical carbon dioxide. Polymer Science - Series A, 2012, 54, 443-450.	1.0	4
57	Composite material based on iron-containing nanoparticles for applications in the problems of electromagnetic compatibility. Journal of Communications Technology and Electronics, 2012, 57, 543-552.	0.5	7
58	Molecular structure of preceramic nanozirconooligocarbosilanes. Inorganic Materials, 2011, 47, 535-543.	0.8	3
59	The permittivity of phenylone-based composites with nickel particles. Journal of Communications Technology and Electronics, 2011, 56, 142-144.	0.5	1
60	Synthesis and properties of nanocomposites based on magnetite and biocompatible polymers. Russian Journal of Applied Chemistry, 2011, 84, 847-853.	0.5	2
61	Preparation of nanomaterials from aqueous solutions imitating the hydrometallurgy waste. Russian Journal of Applied Chemistry, 2011, 84, 1314-1318.	0.5	6
62	Preparation and properties of composite materials based on rhenium-containing nanoparticles and micrograins of polytetrafluoroethylene. Inorganic Materials: Applied Research, 2011, 2, 118-124.	0.5	7
63	Ion transport mechanism in hybrid MF-4SC membranes modified by silica and posphotungstic heteropoly acid. Russian Journal of Inorganic Chemistry, 2011, 56, 152-155.	1.3	7
64	Potassium polytitanates intercalated with nickel ions and their thermal transformations. Russian Journal of Inorganic Chemistry, 2011, 56, 1693-1697.	1.3	5
65	The synthesis and study of the transport properties of hybrid materials based on MF-4SK perfluorosulfonated cation-exchange membranes modified with ceria. Petroleum Chemistry, 2011, 51, 652-656.	1.4	2
66	Properties of three-dimensional composites based on opal matrices and magnetic nanoparticles. Physics of the Solid State, 2011, 53, 1114-1120.	0.6	13
67	Electric conductivity of composite materials based on phenylon matrices and nickel particles. Journal of Communications Technology and Electronics, 2010, 55, 221-224.	0.5	4
68	Synthesis and transport properties of membrane materials with incorporated metal nanoparticles. Mendeleev Communications, 2010, 20, 89-91.	1.6	36
69	Synthesis of nanocomposites based on MO-Bi2O3-B2O3 (M = Ca, Sr, Ba) glasses. Inorganic Materials, 2010, 46, 434-438.	0.8	4
70	Synthesis of copper and silver nanoparticles in MF-4SC and sulfonated poly(ether ether ketone) membranes and transport properties of the composites. Inorganic Materials, 2010, 46, 793-798.	0.8	8
71	ULTRASOUND-PROVIDED SYNTHESIS OF COBALT-CONTAINING NANOPARTICLES. , 2009, , .		1
72	STABILIZATION OF NANOPARTICLES ON THE SURFACE OF DETONATION NANODIAMOND. , 2009, , .		1

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73	Preparation of silver nanoparticles stabilized on the surface of polystyrene microspheres. Inorganic Materials, 2009, 45, 19-22.	0.8	3
74	Nanomaterials based on CdS nanoparticles in polyethylene matrix. Inorganic Materials, 2009, 45, 468-473.	0.8	7
75	TiO2 nanoparticles in opal crystals. Inorganic Materials, 2009, 45, 1252-1262.	0.8	11
76	Investigation of the optical characteristics of composite materials based on cadmium sulfide nanoparticles stabilized in a high-pressure polyethylene matrix. Optics and Spectroscopy (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	k
77	Thermal hysteresis in the dielectric properties of composites based on transition metal oxide and sulfide nanoparticles stabilized in a low-density polyethylene matrix. Technical Physics Letters, 2009, 35, 476-478.	0.7	6
78	Creation and physical properties of the molybdenum-containing polyethylene-based nanomaterials. Journal of Communications Technology and Electronics, 2009, 54, 937-946.	0.5	6
79	Synthesis of gadolinium-based nanoparticles in a system of direct surfactant micelles and study of their magnetic properties. Russian Journal of Applied Chemistry, 2009, 82, 1357-1363.	0.5	3
80	Nanocomposites based on the cerium oxide nanoparticles and polyethylene matrix: Syntheses and properties. Acta Materialia, 2008, 56, 2336-2343.	7.9	28
81	Chlorination as a means for changing the composition of iron-containing nanoparticles in a polyethylene matrix. Russian Journal of Inorganic Chemistry, 2008, 53, 933-942.	1.3	3
82	Bi, Te, and Bi-Te nanoparticles in opal matrices. Inorganic Materials, 2008, 44, 807-812.	0.8	5
83	Electrodynamic materials on the basis of the nanostructured composites. , 2008, , .		0
84	<title>About both concentration and size effect on optical spectra of polymer composite nanomaterials based on cadmium sulfide and low density polyethylene</title>. Proceedings of SPIE, 2007, , .	0.8	0
85	SYNTHESIS OF CERIUM OXIDE NANOPARTICLES IN POLYETHYLENE MATRIX. , 2007, , .		0
86	The Radio Absorptive Materials on the Basis of "Core-Shell" Nanoparticles in Polymeric Matrix. , 2007, , .		2
87	Magnetic nanoparticles fixed on the surface of detonation nanodiamond microgranules. Diamond and Related Materials, 2007, 16, 1924-1928.	3.9	10
88	Production of high porosity nanoparticles of cerium oxide in clay. Microporous and Mesoporous Materials, 2007, 100, 134-138.	4.4	16
89	Electrical and magnetic properties of nanomaterials containing iron or cobalt nanoparticles. Inorganic Materials, 2007, 43, 834-844.	0.8	64
90	Synthesis and properties of CdS nanoparticles in a polyethylene matrix. Inorganic Materials, 2007, 43, 1160-1166.	0.8	20

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91	Preparation of bismuth nanoparticles in opal matrices through reduction of bismuth compounds with supercritical isopropanol. Inorganic Materials, 2006, 42, 487-490.	0.8	12
92	Fe-Containing nanoparticles in siloxane rubber matrices. Inorganic Materials, 2006, 42, 496-502.	0.8	11
93	Fe-containing nanoparticles on the surface of silica microgranules. Inorganic Materials, 2006, 42, 877-882.	0.8	5
94	Reduction of various metal salts in opal matrices with supercritical isopropanol. Inorganic Materials, 2006, 42, 966-970.	0.8	7
95	Cobalt-containing core-shell nanoparticles on the surface of poly(tetrafluoroethylene) microgranules. Inorganic Materials, 2006, 42, 1012-1019.	0.8	17
96	Synthesis of nanozirconooligocarbosilanes. Inorganic Materials, 2006, 42, 1159-1167.	0.8	12
97	Optical properties of cadmium sulfide nanoparticles on the surface of polytetrafluoroethylene nanogranules. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2006, 100, 414-418.	0.6	18
98	Optical and photoluminescent properties of nanomaterials based on cadmium sulfide nanoparticles and polyethylene. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2006, 101, 248-252.	0.6	14
99	New magnetic materials based on cobalt and iron-containing nanoparicles. Composites Part B: Engineering, 2006, 37, 413-417.	12.0	23
100	Cobalt nanoparticles with preferential hcp structure: A confirmation by X-ray diffraction and NMR. Chemical Physics Letters, 2006, 422, 402-405.	2.6	65
101	Reactions of nanoparticles inside a polyethylene matrix: Reduction of lead(II) and mercury(II) oxides by supercritical isopropanol. Russian Journal of Inorganic Chemistry, 2006, 51, 51-56.	1.3	4
102	Copper nanoparticles on the surface of ultradispersed polytetrafluoroethylene nanograins. Russian Journal of Inorganic Chemistry, 2006, 51, 170-176.	1.3	3
103	Electron magnetic resonance spectra of Fe1â^'x Mnx amorphous nanoparticles. Physics of the Solid State, 2006, 48, 940-947.	0.6	1
104	Metal-Polymeric Nanostructured Materials. , 2006, , .		0
105	SYNTHESIS OF HOMO- AND HETEROMETALLIC TWO-LAYER NANOPARTICLES. , 2005, , .		0
106	Immobilization of metal-containing nanoparticles on the surface of polytetrafluoroethylene nanogranules. Acta Materialia, 2005, 53, 1407-1413.	7.9	26
107	Microgranules and Nanoparticles on Their Surfaces. Inorganic Materials, 2005, 41, 1017-1032.	0.8	36
108	Synthesis and Structure of Polyethylene-Matrix Composites Containing Zinc Oxide Nanoparticles. Inorganic Materials, 2005, 41, 1172-1177.	0.8	6

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109	Catalytic conversions of chloroolefins over iron oxide nanoparticles 2. Isomerization of dichlorobutenes over iron oxide nanoparticles stabilized on the surface of ultradispersed poly(tetrafluoroethylene). Russian Chemical Bulletin, 2005, 54, 1425-1432.	1.5	11
110	Nanoparticles Surface Engineering of Ultradispersed Polytetrafluoroethylene. KONA Powder and Particle Journal, 2005, 23, 98-108.	1.7	2
111	Magnetic nanoparticles: preparation, structure and properties. Russian Chemical Reviews, 2005, 74, 489-520.	6.5	813
112	Metal-Containing Poly(tetrafluoroethylene): A Novel Material. Inorganic Materials, 2004, 40, 26-34.	0.8	19
113	Nanometallization of Ultradispersed Polytetrafluoroethylene. Doklady Chemistry, 2003, 388, 44-46.	0.9	12
114	Magnetic properties of Fe-based nanoparticle assembly. Journal of Magnetism and Magnetic Materials, 2003, 258-259, 54-56.	2.3	10
115	Magnetic and structural properties of Co nanoparticles in a polymeric matrix. Journal of Magnetism and Magnetic Materials, 2003, 265, 234-242.	2.3	65
116	Iron(III) Oxide Nanoparticles in a Polyethylene Matrix. Inorganic Materials, 2002, 38, 137-145.	0.8	25
117	Copper Nanoparticles in a Polyethylene Matrix. Inorganic Materials, 2001, 37, 997-1001.	0.8	14
118	Electron paramagnetic resonance spectra near the spin-glass transition in iron oxide nanoparticles. Physical Review B, 2000, 63, .	3.2	79
119	Magnetic Nanocomposites Based on the Metal-Containing (Fe, Co, Ni) Nanoparticles inside the Polyethylene Matrix. , 0, , 87-115.		5