

# Yury M Shulga

## List of Publications by Year in descending order

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186  
papers

2,743  
citations

185998

28  
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243296

44  
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187  
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187  
docs citations

187  
times ranked

3057  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Facile Synthesis of Noble-Metal-Free Catalyst Based on Nitrogen Doped Graphene Oxide for Oxygen Reduction Reaction. <i>Materials</i> , 2022, 15, 821.	1.3	14
2	Reduced Graphene Oxide Aerogel inside Melamine Sponge as an Electrocatalyst for the Oxygen Reduction Reaction. <i>Materials</i> , 2021, 14, 322.	1.3	5
3	The Concentration of C(sp <sup>3</sup> ) Atoms and Properties of an Activated Carbon with over 3000 m <sup>2</sup> /g BET Surface Area. <i>Nanomaterials</i> , 2021, 11, 1324.	1.9	11
4	Influence of treatment with hydrazine and subsequent annealing on the composition and thermophysical properties of polytetrafluoroethylene-graphene oxide composite aerogel. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	1.1	3
5	Graphene-Based Aerogels Possessing Superhydrophilic and Superhydrophobic Properties and Their Application for Electroreduction of Molecular Oxygen. <i>Colloid Journal</i> , 2021, 83, 284-293.	0.5	5
6	Nitrogen-enriched carbon powder prepared by ball-milling of graphene oxide with melamine: an efficient electrocatalyst for oxygen reduction reaction. <i>Mendeleev Communications</i> , 2021, 31, 529-531.	0.6	5
7	Features and Consequences of Isopropanol Burning off PTFE-rGO Aerogels. <i>Langmuir</i> , 2021, 37, 10233-10240.	1.6	1
8	Microwave exfoliated graphite oxide (MEGO) heat treatment: Transformation and stability. <i>Diamond and Related Materials</i> , 2021, 120, 108654.	1.8	4
9	Hydrophobization of Melamine Sponges Using Radiation-Synthesized Tetrafluoroethylene Telomers. <i>High Energy Chemistry</i> , 2021, 55, 488-494.	0.2	1
10	PTFE/rGO Aerogels with Both Superhydrophobic and Superhydrophilic Properties for Electroreduction of Molecular Oxygen. <i>Energy &amp; Fuels</i> , 2020, 34, 7573-7581.	2.5	10
11	One-step plasma electrochemical synthesis and oxygen electrocatalysis of nanocomposite of few-layer graphene structures with cobalt oxides. <i>Materials Today Energy</i> , 2020, 17, 100459.	2.5	8
12	Preparation and Characterization of a Flexible rGO-PTFE Film for a Supercapacitor Current Collector. <i>Langmuir</i> , 2020, 36, 8680-8686.	1.6	8
13	Novel Superhydrophobic Aerogel on the Base of Polytetrafluoroethylene. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 32517-32522.	4.0	26
14	Structure and Thermophysical Characteristics of Polytetrafluoroethylene Composites with Few-Layer Graphene Nanoplatelets. <i>High Energy Chemistry</i> , 2019, 53, 282-286.	0.2	8
15	Mechanically Activated Solid-Phase Reaction of Copper(I) Chloride with Sodium $\beta$ -Diketonates: Formation of Metallic Copper Nanoparticles. <i>Russian Journal of General Chemistry</i> , 2019, 89, 1447-1450.	0.3	0
16	Noncontact tip-enhanced Raman spectroscopy for nanomaterials and biomedical applications. <i>Nanoscale Advances</i> , 2019, 1, 3392-3399.	2.2	7
17	Superhydrophobic Aerogel of Polytetrafluoroethylene/Graphene Oxide Composite. <i>High Energy Chemistry</i> , 2019, 53, 407-412.	0.2	3
18	sp amorphous carbons in view of multianalytical consideration: Normal, expected and new. <i>Journal of Non-Crystalline Solids</i> , 2019, 524, 119608.	1.5	29

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19	Mechanical Properties of Films of Graphene Oxide Doped with Chitosan. Russian Journal of Physical Chemistry A, 2019, 93, 538-541.	0.1	2
20	Doping Graphene Oxide Aerogel with Nitrogen during Reduction with Hydrazine and Low Temperature Annealing in Air. Russian Journal of Physical Chemistry A, 2019, 93, 296-300.	0.1	7
21	Characterisation and electrical conductivity of polytetrafluoroethylene/graphite nanoplatelets composite films. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	1.1	12
22	New Approach to Creating Superhydrophobic Surfaces. High Energy Chemistry, 2019, 53, 47-49.	0.2	7
23	Progress, status and prospects of non-porous, heteroatom-doped carbons for supercapacitors and other electrochemical applications. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	1.1	13
24	Hydrophilic and hydrophobic pores in reduced graphene oxide aerogel. Journal of Porous Materials, 2019, 26, 1111-1119.	1.3	16
25	NMR Study of the graphite- <sup>15</sup> N,N-dimethylformamide system after ultrasonication. High Energy Chemistry, 2018, 52, 77-80.	0.2	0
26	Changes in the composition and properties of graphene oxide films under monochromatic vacuum UV radiation. High Energy Chemistry, 2018, 52, 14-18.	0.2	5
27	Graphene oxide membranes for electrochemical energy storage and conversion. International Journal of Hydrogen Energy, 2018, 43, 2307-2326.	3.8	39
28	Fabrication of current collector using a composite of polylactic acid and carbon nano-material for metal-free supercapacitors with graphene oxide separators and microwave exfoliated graphite oxide electrodes. Electrochimica Acta, 2018, 260, 557-563.	2.6	29
29	X-Ray Photoelectron Spectra of TbB66. Inorganic Materials, 2018, 54, 45-48.	0.2	2
30	Preparation of graphene oxide-humic acid composite-based ink for printing thin film electrodes for micro-supercapacitors. Journal of Alloys and Compounds, 2018, 730, 88-95.	2.8	31
31	Comparative Study of Graphite and the Products of Its Electrochemical Exfoliation. Russian Journal of Electrochemistry, 2018, 54, 825-834.	0.3	10
32	Structure of a Composite Material Based on Polyfluorinated Alcohol and Montmorillonite. Russian Journal of Physical Chemistry A, 2018, 92, 1953-1958.	0.1	3
33	Orientational phase transition in methane-intercalated fullerite $C_{60}$ . Physical Review B, 2018, 98, ..	1.1	1
34	Effect of Low-Temperature Heating on the Properties of Graphene Oxide Aerogel. High Energy Chemistry, 2018, 52, 355-359.	0.2	3
35	Properties of a granulated nitrogen-doped graphene oxide aerogel. Journal of Non-Crystalline Solids, 2018, 498, 236-243.	1.5	13
36	The structure and synthesis of organic crystalline polymers: hints from ab initio computation. CrystEngComm, 2018, 20, 4003-4011.	1.3	4

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37	Bulk graphanes synthesized from benzene and pyridine. <i>CrystEngComm</i> , 2017, 19, 958-966.	1.3	24
38	Hybrid porous carbon materials derived from composite of humic acid and graphene oxide. <i>Microporous and Mesoporous Materials</i> , 2017, 245, 24-30.	2.2	25
39	New data on the composition of products of ultrasonic irradiation of graphite in N-methylpyrrolidone. <i>High Energy Chemistry</i> , 2017, 51, 145-147.	0.2	2
40	Composite formed upon the ultrasonication of an aqueous suspension of graphite oxide-titanium dioxide. <i>Russian Journal of Physical Chemistry A</i> , 2017, 91, 189-194.	0.1	0
41	Metal-free current collectors based on graphene materials for supercapacitors produced by 3D printing. <i>Russian Journal of Physical Chemistry A</i> , 2017, 91, 1966-1970.	0.1	4
42	Comparative study of graphene aerogels synthesized using sol-gel method by reducing graphene oxide suspension. <i>High Energy Chemistry</i> , 2017, 51, 269-276.	0.2	6
43	Effect of adding ionic liquid 1-ethyl-3-methylimidazolium tetrafluoroborate on the coordination environment of Li <sup>+</sup> ions in propylene carbonate, according to data from IR spectroscopy and quantum chemical modeling. <i>Russian Journal of Physical Chemistry A</i> , 2017, 91, 1444-1450.	0.1	5
44	2D-printing ink based on ultrasound exfoliated graphite. <i>Technical Physics Letters</i> , 2017, 43, 274-278.	0.2	0
45	Oxidation behavior of TiB <sub>2</sub> micro- and nanoparticles. <i>Inorganic Materials</i> , 2016, 52, 686-693.	0.2	24
46	Fluorinated microwave exfoliated graphite oxide: structural features and double layer capacitance. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2016, 24, 266-272.	1.0	6
47	Synthesis of polytetrafluoroethylene with a high glass transition temperature by the low-temperature postirradiation polymerization of C <sub>2</sub> F <sub>4</sub> in the presence of graphene material. <i>High Energy Chemistry</i> , 2016, 50, 419-420.	0.2	0
48	Electroless deposition and properties of Co-Re-B alloys. <i>Russian Journal of Electrochemistry</i> , 2016, 52, 106-114.	0.3	2
49	Influence of the content on properties of microwave-exfoliated graphite oxide and Ni(OH) <sub>2</sub> composites. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	1.1	1
50	Spectroscopic study of electrochemically modified fluorinated single-wall carbon nanotubes. <i>Journal of Electroanalytical Chemistry</i> , 2016, 775, 77-82.	1.9	2
51	High-temperature carbonization of humic acids and a composite of humic acids with graphene oxide. <i>High Energy Chemistry</i> , 2016, 50, 43-50.	0.2	5
52	Multilayer graphane synthesized under high hydrogen pressure. <i>Carbon</i> , 2016, 100, 465-473.	5.4	27
53	Structural features and magnetic behavior of nanocrystalline powders of terbium oxide prepared by the thermal decomposition of terbium acetate in air. <i>Journal of Alloys and Compounds</i> , 2016, 657, 163-173.	2.8	13
54	Polymer composites prepared by low-temperature post-irradiation polymerization of C <sub>2</sub> F <sub>4</sub> in the presence of graphene-like material: synthesis and characterization. <i>RSC Advances</i> , 2015, 5, 9865-9874.	1.7	20

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55	Enhancement of the Carbon Nanowall Film Capacitance. Electron Transfer Kinetics on Functionalized Surfaces. <i>Langmuir</i> , 2015, 31, 7129-7137.	1.6	21
56	Electrochemical modification of electrodes based on highly oriented carbon nanowalls. <i>Russian Journal of Electrochemistry</i> , 2015, 51, 963-975.	0.3	9
57	Supercapacitors with graphene oxide separators and reduced graphite oxide electrodes. <i>Journal of Power Sources</i> , 2015, 279, 722-730.	4.0	59
58	Ï€-Donors microstructuring on surface of polymer film by their noncovalent interactions with iodine. <i>Materials Chemistry and Physics</i> , 2015, 160, 161-167.	2.0	2
59	Special features of preparation of nanosized hafnium diboride of different dispersity. <i>Russian Journal of General Chemistry</i> , 2015, 85, 1019-1024.	0.3	4
60	Preparation of hafnium diboride nanopowders in an anhydrous Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub> ionic melt. <i>Inorganic Materials</i> , 2015, 51, 380-383.	0.2	4
61	A comparative analysis of graphene oxide films as proton conductors. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 117, 1859-1863.	1.1	14
62	Graphene oxide films as separators of polyaniline-based supercapacitors. <i>Journal of Power Sources</i> , 2014, 245, 33-36.	4.0	83
63	Structural features of nanocrystalline holmium oxide prepared by the thermal decomposition of organic precursors. <i>Journal of Alloys and Compounds</i> , 2014, 601, 31-37.	2.8	22
64	Calorimetric study of the low-temperature postradiation polymerization of tetrafluoroethylene in the presence of reduced graphite oxide. <i>High Energy Chemistry</i> , 2014, 48, 11-16.	0.2	0
65	Carbon nanomaterial produced by microwave exfoliation of graphite oxide: new insights. <i>RSC Advances</i> , 2014, 4, 587-592.	1.7	70
66	Room temperature reduction of multilayer graphene oxide film on a copper substrate: Penetration and participation of copper phase in redox reactions. <i>Carbon</i> , 2014, 69, 563-570.	5.4	25
67	Comparison of the conductivities of graphene oxide and phenol-2,4-disulfo acid-polyvinyl alcohol composite films. <i>Russian Journal of Electrochemistry</i> , 2014, 50, 999-1002.	0.3	0
68	Electrical conductivity of lanthanum oxide based composites containing carbon nanofibers. <i>Inorganic Materials</i> , 2014, 50, 673-681.	0.2	5
69	Jump in the electrical conductivity of shock-compressed glassy carbon. <i>JETP Letters</i> , 2014, 99, 237-241.	0.4	6
70	Polymorphic transformations in nanostructured anatase (TiO <sub>2</sub> ) under high-pressure shock compression. <i>Technical Physics</i> , 2013, 58, 1029-1033.	0.2	11
71	Conductivity of graphene oxide films: Dependence from solvents and photoreduction. <i>Chemical Physics Letters</i> , 2013, 583, 155-159.	1.2	27
72	A comparative study of graphene materials formed by thermal exfoliation of graphite oxide and chlorine trifluoride-intercalated graphite. <i>High Energy Chemistry</i> , 2013, 47, 331-338.	0.2	8

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73	Effect of humidity on the conductivity of graphite oxide during its photoreduction. High Energy Chemistry, 2013, 47, 242-246.	0.2	12
74	Low-temperature radiation polymerization of tetrafluoroethylene in the presence of the carbon material obtained by explosive exfoliation of graphite oxide. High Energy Chemistry, 2013, 47, 73-75.	0.2	6
75	An NMR, DSC, and IR spectroscopy study of the composite formed during low-temperature postradiation polymerization of C <sub>2</sub> F <sub>4</sub> in the presence of a 3D graphene material. High Energy Chemistry, 2013, 47, 291-294.	0.2	4
76	Composite material for supercapacitors formed by polymerization of aniline in the presence of graphene oxide nanosheets. Journal of Power Sources, 2013, 224, 195-201.	4.0	43
77	Colorful Polymer Compositions with Dyed Graphene Oxide Nanosheets. , 2012, 2012, 1-5.		10
78	Gaseous products of dimethylamine borane oxidation in chemically catalyzed deposition of nickel-rhenium-boron coatings. Russian Journal of Electrochemistry, 2012, 48, 556-563.	0.3	3
79	Photoreduction of graphite oxide nanosheets with vacuum ultraviolet radiation. High Energy Chemistry, 2012, 46, 117-121.	0.2	26
80	Self-assembling ensembles of silicomolybdc acid-diamines. Russian Journal of General Chemistry, 2012, 82, 398-403.	0.3	0
81	Synthesis of nano-sized titanium diboride in a melt of anhydrous sodium tetraborate. Russian Journal of General Chemistry, 2012, 82, 819-821.	0.3	18
82	Photoreduction of graphite oxide at different temperatures. Nanotechnologies in Russia, 2012, 7, 156-163.	0.7	21
83	Electric Field Gradients at Hydrogen and Metal Sites in Light Metal Hydrides. NATO Science for Peace and Security Series C: Environmental Security, 2011, , 231-244.	0.1	0
84	The Temperature Dependence of Chemical Shifts of Individual Peaks in the <sup>13</sup> C NMR Spectrum of the Fullerite C <sub>60</sub> , Doped with Molecular Oxygen. NATO Science for Peace and Security Series C: Environmental Security, 2011, , 151-157.	0.1	0
85	The graphite oxide photoreduction mechanism. High Energy Chemistry, 2011, 45, 411-415.	0.2	45
86	Dimerization of Defect Fullerenes and the Orientational Phase Transition in Oxidized C <sub>60</sub> ; Fullerite. Journal of Nanoscience and Nanotechnology, 2011, 11, 1887-1896.	0.9	2
87	Application of infrared spectroscopy to investigation of the structure of tetrafluoroethylene telomers in acetone and their intermolecular interaction. High Energy Chemistry, 2011, 45, 43-47.	0.2	10
88	Photoreduction of graphite oxide. High Energy Chemistry, 2011, 45, 57-61.	0.2	105
89	Radiation telomerization of tetrafluoroethylene in tetrahydrofuran. High Energy Chemistry, 2011, 45, 475-480.	0.2	11
90	On the state of CH <sub>4</sub> molecule in the octahedral void of C <sub>60</sub> fullerite. Russian Chemical Bulletin, 2011, 60, 1112-1117.	0.4	2

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91	Thermally stimulated transformations in brookite-containing TiO <sub>2</sub> nanopowders produced by the hydrolysis of TiCl <sub>4</sub> . Technical Physics, 2011, 56, 97-101.	0.2	5
92	On the factors determining the pyrophoric stability of tungsten nanopowder obtained by plasma-chemical pyrolysis of W(CO) <sub>6</sub> . Technical Physics, 2011, 56, 1531-1534.	0.2	2
93	Particulars of thermally stimulated gas-release from silica glass fiber. Glass and Ceramics (English) Tj ETQq1 1 0.784314 rgBT /Overloc	0.2	1
94	Synthesis and study of gold nanoparticles stabilized by bioflavonoids. Russian Chemical Bulletin, 2011, 60, 426-433.	0.4	23
95	Mass-spectrometric investigation of gases evolved by fluorinated single-wall carbon nanotubes during heating. International Journal of Hydrogen Energy, 2011, 36, 1349-1354.	3.8	14
96	Hydration of trinitrotoluene in the presence of a disperse composite material (Pd + Al)/SiO <sub>2</sub> obtained with the use of dusty plasmas. Doklady Physics, 2010, 55, 55-57.	0.2	4
97	Correlation between the E <sub>g</sub> (1) oscillation frequency and half-width of the (101) peak in the X-ray diffraction pattern of TiO <sub>2</sub> anatase nanoparticles. Technical Physics, 2010, 55, 141-143.	0.2	7
98	Phase transformations in nanostructural anatase TiO <sub>2</sub> under shock compression conditions studied by Raman spectroscopy. Technical Physics Letters, 2010, 36, 841-843.	0.2	17
99	The structure of fullerite C <sub>60</sub> intercalated with molecular oxygen. Russian Journal of Physical Chemistry B, 2010, 4, 543-547.	0.2	0
100	Analysis of weakly bonded oxygen in HfO <sub>2</sub> /SiO <sub>2</sub> /Si stacks by using HRBS and ARXPS. Journal of Materials Science: Materials in Electronics, 2010, 21, 475-480.	1.1	17
101	Gaseous products of thermo- and photo-reduction of graphite oxide. Chemical Physics Letters, 2010, 498, 287-291.	1.2	61
102	Enthalpies of formation of radicals and the mass spectra of the products of tetrafluoroethylene polymerization in acetone. High Energy Chemistry, 2010, 44, 449-454.	0.2	8
103	Synthesis and properties of C <sub>60</sub> fullerite intercalated by acetylene. Chemical Physics Letters, 2009, 483, 115-119.	1.2	4
104	Conversion of isopropyl alcohol to acetone in fullerite cavities. Russian Chemical Bulletin, 2009, 58, 758-764.	0.4	1
105	Characterization of fluorinated multiwalled carbon nanotubes with X-ray absorption, photoelectron and emission spectroscopies. Applied Physics A: Materials Science and Processing, 2009, 94, 445-448.	1.1	10
106	Experimental and theoretical study of the arrangement, electronic structure and properties of neutral paramagnetic binuclear nitrosyl iron complexes with azaheterocyclic thioyls having a $\pi$ -S $\pi$ -C $\pi$ -N type $\pi$ coordination of bridging ligands. Inorganica Chimica Acta, 2009, 362, 2499-2504.	1.2	15
107	Structure and properties of fullerite C <sub>60</sub> intercalated with CH <sub>2</sub> F <sub>2</sub> . Physica Status Solidi - Rapid Research Letters, 2009, 3, 43-45.	1.2	1
108	Alternating copolymerization of ethylene with carbon monoxide on a supported palladium catalyst. Polymer Science - Series B, 2009, 51, 283-290.	0.3	8



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109	Fabrication and characterization of fluorinated single-walled carbon nanotubes. <i>Nanotechnologies in Russia</i> , 2009, 4, 60-78.	0.7	23
110	Fullerite intercalated with argon at room temperature: Synthesis and physicochemical properties. <i>Russian Journal of Inorganic Chemistry</i> , 2009, 54, 341-345.	0.3	4
111	The new composites, polyacetylene-carbon nanotubes: Electrochemical properties. <i>Russian Journal of Electrochemistry</i> , 2009, 45, 296-303.	0.3	6
112	The composites of polyaniline with multiwall carbon nanotubes: Preparation, electrochemical properties, and conductivity. <i>Russian Journal of Electrochemistry</i> , 2009, 45, 1266-1275.	0.3	8
113	Specific features of the electronic structure of fluorinated multiwalled carbon nanotubes in the near-surface region. <i>Physics of the Solid State</i> , 2009, 51, 1961-1971.	0.2	6
114	Density functional theoretical study of the electronic structure and vibrational spectra of a polynuclear $[Mg_2(MeOH)_4Mo_8O_{22}(OMe)_6]^{2-}$ complex. <i>Mendeleev Communications</i> , 2008, 18, 128-130.	0.6	1
115	Dusty Plasma Technology of DCM with Nanostructure Surface Layer Production. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	2
116	Fullerite with intercalated freon $Ch_2F_2$ . <i>Russian Journal of Physical Chemistry A</i> , 2008, 82, 1159-1163.	0.1	0
117	The influence of annealing in a vacuum on the concentration of radicals in fullerite C60. <i>Russian Journal of Physical Chemistry A</i> , 2008, 82, 1314-1317.	0.1	3
118	Stability of crystalline structure and molecules of hydrofullerene C60H36 under high shock pressures. <i>Doklady Physics</i> , 2008, 53, 562-565.	0.2	6
119	Oxidation of $C_{60}$ Fullerite by Interstitial Oxygen. <i>Journal of Physical Chemistry C</i> , 2008, 112, 12096-12103.	1.5	9
120	Vibrational Spectra of $C_{60}H_x$ with $36 \times \frac{1}{2} \times \frac{1}{2} \times 60$ and Emission/absorption of Some Interstellar Clouds. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2008, 16, 579-587.	1.0	4
121	Electronic Structure of Fluorinated Carbon Nanotubes Studied by X-ray Absorption and Photoelectron Spectroscopy. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2008, 16, 335-339.	1.0	1
122	Ferromagnetic Nanoparticles Produced by Arc-Discharge Evaporation of Fe-Ni-Graphite Electrodes. <i>NATO Science for Peace and Security Series C: Environmental Security</i> , 2008, , 313-316.	0.1	0
123	ON ELECTROCHEMICAL DEPOSITION OF FULLERENES AND THEIR COMPOUNDS FROM SOLUTIONS. , 2007, , 287-296.		0
124	FREE RADICAL HALOGENATION OF CARBON NANOMATERIALS AT LOW TEMPERATURES. , 2007, , 155-158.		0
125	Raman study of the high-pressure hydrogenated single-wall carbon nanotubes: In search of chemically bonded and adsorbed molecular hydrogen. <i>Chemical Physics Letters</i> , 2007, 433, 335-339.	1.2	23
126	XPS study of fluorinated carbon multi-walled nanotubes. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2007, 160, 22-28.	0.8	75



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127	Effect of hydrogenation on the spectra of electronic and vibrational transitions in single-walled carbon nanotubes. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2007, 71, 245-248.	0.1	0
128	Dehydrogenation of compounds with weakened C-H bonds in the presence of platinum and palladium fullerides. <i>Russian Journal of General Chemistry</i> , 2007, 77, 625-628.	0.3	1
129	Carbon nanostructures in an ammonium medium. <i>Russian Journal of General Chemistry</i> , 2007, 77, 1655-1661.	0.3	0
130	Molecular and electronic structure and IR spectra of mononuclear dinitrosyl iron complex $\text{Fe}(\text{SC}_2\text{H}_3\text{N}_3)(\text{SC}_2\text{H}_2\text{N}_3)(\text{NO})_2$ : a theoretical study. <i>Russian Chemical Bulletin</i> , 2007, 56, 1289-1297.	0.4	16
131	GAS INTERSTITIAL FULLERENES PRECIPITATED FROM THE SOLUTION OF C60 IN 1,2-DICHLOROBENZENE. , 2007, , 41-52.		0
132	Reaction of Hydrogen Gas with C60 at Elevated Pressure and Temperature: Hydrogenation and Cage Fragmentation. <i>Journal of Physical Chemistry A</i> , 2006, 110, 8528-8534.	1.1	48
133	Mass Spectrometric Investigation of Gases Evolved from Fluorinated Multi-Walled Carbon Nanotubes at Heating. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2006, 14, 243-247.	1.0	8
134	Influence of CH3 group of $\text{N}(\text{C}_6\text{H}_5)_2$ ligand on the properties of $[\text{Fe}_2(\text{C}_4\text{H}_5\text{N}_2\text{S})_2(\text{NO})_4]$ complex. <i>Inorganica Chimica Acta</i> , 2006, 359, 570-576.	1.2	32
135	Effect of ultrasound treatment of C60 solutions on the crystalline structure of precipitated fullerite. <i>Russian Journal of Physical Chemistry A</i> , 2006, 80, 654-658.	0.1	4
136	Influence of pyrolysis conditions of aqueous solution aerosol of thiocarbamide complexes on the microwave photoconductivity of cadmium sulfide films. <i>Semiconductors</i> , 2006, 40, 497-502.	0.2	0
137	Interaction in fullerene-ammonia system at 423-773 K. <i>Russian Chemical Bulletin</i> , 2006, 55, 222-224.	0.4	0
138	Doping of fullerite with molecular oxygen at low temperature and pressure. <i>Russian Chemical Bulletin</i> , 2006, 55, 687-696.	0.4	9
139	Experimental and theoretical studies of the structure and IR spectra of neutral diamagnetic binuclear iron nitrosyl complexes $\text{Fe}_2(\mu\text{-SC}_6\text{H}_5)_n\text{H}_5\text{N}_n(\text{NO})_4$ ( $n = 0, 1, 2$ ). <i>Russian Chemical Bulletin</i> , 2006, 55, 2133-2142.	0.4	9
140	Hydrogenation of C60 at 2GPa pressure and high temperature. <i>Chemical Physics</i> , 2006, 325, 445-451.	0.9	29
141	Processing and properties of magnetic nanoparticles encapsulated in carbon shells. <i>Materials Letters</i> , 2006, 60, 442-446.	1.3	5
142	Electronic and Vibration Spectra of Hydrogenated Carbon Single-Wall Nanotubes. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2006, 14, 165-170.	1.0	7
143	Bi-nuclear nitrosyl iron complex with 2-mercapto-imidazolyl: Synthesis, structure and magnetic properties. <i>Journal of Molecular Structure</i> , 2005, 752, 110-114.	1.8	21
144	Structure and magnetic properties of nanoparticles encapsulated in carbon shells. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 294, e57-e62.	1.0	5

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145	Synthesis, Structure and Solid-Phase Transformations of Fe Nitrosyl Complex $\text{Na}_2[\text{Fe}_2(\text{S}_2\text{O}_3)_2(\text{NO})_4] \cdot 4\text{H}_2\text{O}$ . Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2005, 31, 301-306.	0.3	44
146	Reaction of the Intermetallic Compound $\text{SmFe}_{11}\text{Ti}$ with Gaseous Ammonia. Russian Journal of General Chemistry, 2005, 75, 831-834.	0.3	2
147	Investigation of Composition of Endometallofullerene Extracts. Fullerenes Nanotubes and Carbon Nanostructures, 2005, 12, 59-63.	1.0	3
148	Evolved Gas Analysis of Heat-Treated Carbon Nanomaterials. Materials Research Society Symposia Proceedings, 2005, 885, 1.	0.1	0
149	Composition of Hydrofullerene Mixtures Produced by $\text{C}_{60}$ Reaction with Hydrogen Gas Revealed by High-Resolution Mass Spectrometry. Journal of Physical Chemistry B, 2005, 109, 12742-12747.	1.2	37
150	In the Chase of Mixed Halofullerenes: Remarkable Transformation of $\text{C}_{60}\text{Cl}_n$ ( $n = 6, 8, 12, 14$ ) to $\text{C}_{60}\text{Br}_{24}$ . Fullerenes Nanotubes and Carbon Nanostructures, 2005, 12, 159-163.	1.0	7
151	Production of disperse composite materials in a dusty plasma. Doklady Physics, 2004, 49, 163-166.	0.2	5
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