Yury M Shulga

List of Publications by Year
in descending order

186	2,743	185998 28	243296 44
papers	citations	h-index	g-index

187	187	187	3057
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	New Molecular Complexes of Fullerenes C60 and C70 with Tetraphenylporphyrins [M(tpp)], in which M=H2, Mn, Co, Cu, Zn, and FeCl. Chemistry - A European Journal, 2001, 7, 2605-2616.	1.7	125
2	Donorâ€“acceptor complexes of fullerene C60 with organic and organometallic donors. Journal of Materials Chemistry, 2000, 10, 803-818.	6.7	112
3	Photoreduction of graphite oxide. High Energy Chemistry, 2011, 45, 57-61.	0.2	105
4	Graphene oxide films as separators of polyaniline-based supercapacitors. Journal of Power Sources, 2014, 245, 33-36.	4.0	83
5	Catalytic hydrochlorination of acetylene by gaseous HCl on the surface of mechanically pre-activated K2PtCl6 salt. Journal of Molecular Catalysis A, 2004, 212, 345-352.	4.8	76
6	XPS study of fluorinated carbon multi-walled nanotubes. Journal of Electron Spectroscopy and Related Phenomena, 2007, 160, 22-28.	0.8	75
7	Carbon nanomaterial produced by microwave exfoliation of graphite oxide: new insights. RSC Advances, 2014, 4, 587-592.	1.7	70
8	Magnetic ordering in hydrofullerite C60H24. Journal of Alloys and Compounds, 2002, 330-332, 365-368.	2.8	67
9	Gaseous products of thermo- and photo-reduction of graphite oxide. Chemical Physics Letters, 2010, 498, 287-291.	1.2	61
10	Supercapacitors with graphene oxide separators and reduced graphite oxide electrodes. Journal of Power Sources, 2015, 279, 722-730.	4.0	59
11	Comparative study of hydrofullerides C 60 H x synthesized by direct and catalytic hydrogenation. Applied Physics A: Materials Science and Processing, 2004, 78, 1005-1010.	1.1	56
12	The prospects for using of carbon nanomaterials as hydrogen storage systems. International Journal of Hydrogen Energy, 2002, 27, 1063-1069.	3.8	53
13	Reaction of Hydrogen Gas with C60at Elevated Pressure and Temperature:Â Hydrogenation and Cage Fragmentationâ€. Journal of Physical Chemistry A, 2006, 110, 8528-8534.	1.1	48
14	The graphite oxide photoreduction mechanism. High Energy Chemistry, 2011, 45, 411-415.	0.2	45
15	Synthesis, Structure and Solid-Phase Transformations of Fe Nitrosyl Complex Na2[Fe2(S2O3)2(NO)4] Â· 4H2O. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2005, 31, 301-306.	0.3	44
16	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
17	Hydrogen in fullerites. Carbon, 2003, 41, 1331-1342.	5.4	40
18	Graphene oxide membranes for electrochemical energy storage and conversion. International Journal of Hydrogen Energy, 2018, 43, 2307-2326.	3.8	39

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19	Composition of Hydrofullerene Mixtures Produced by C60 Reaction with Hydrogen Gas Revealed by High-Resolution Mass Spectrometry. Journal of Physical Chemistry B, 2005, 109, 12742-12747.	1.2	37
20	Thermally stable hydrogen compounds obtained under high pressure on the basis of carbon nanotubes and nanofibers. JETP Letters, 2004, 79, 226-230.	0.4	33
21	Influence of CH3 group of Î¼-Nâ€“Câ€“S ligand on the properties of [Fe2(C4H5N2S)2(NO)4] complex. Inorganica Chimica Acta, 2006, 359, 570-576.	1.2	32
22	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
23	Deuterofullerene C60D24 studied by XRD, IR and XPS. Journal of Alloys and Compounds, 2001, 314, 296-300.	2.8	30
24	Gentle fragmentation of C60 by strong hydrogenation: a route to synthesizing new materials. Chemical Physics Letters, 2004, 400, 112-116.	1.2	30
25	Synthesis of carbon nanostructures by arc evaporation of graphite rods with Coâ€“Ni and YNi2 catalysts. Carbon, 2003, 41, 1357-1364.	5.4	29
26	Hydrogenation of C60 at 2GPa pressure and high temperature. Chemical Physics, 2006, 325, 445-451.	0.9	29
27	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
28	sp amorphous carbons in view of multianalytical consideration: Normal, expeÑted and new. Journal of Non-Crystalline Solids, 2019, 524, 119608.	1.5	29
29	Conductivity of graphene oxide films: Dependence from solvents and photoreduction. Chemical Physics Letters, 2013, 583, 155-159.	1.2	27
30	Multilayer graphane synthesized under high hydrogen pressure. Carbon, 2016, 100, 465-473.	5.4	27
31	Synthesis and characterization of potential NO donors: novel ironâ€“sulfur nitrosyls containing the Î¼-Nâ€“Câ€“S skeleton. Inorganic Chemistry Communication, 2003, 6, 145-148.	1.8	26
32	Photoreduction of graphite oxide nanosheets with vacuum ultraviolet radiation. High Energy Chemistry, 2012, 46, 117-121.	0.2	26
33	Novel Superhydrophobic Aerogel on the Base of Polytetrafluoroethylene. ACS Applied Materials & Interfaces, 2019, 11, 32517-32522.	4.0	26
34	C60complexes with dianthracene and triptycene: synthesis and crystal structures. Synthetic Metals, 1999, 103, 2364-2365.	2.1	25
35	Donorâ€“acceptor interaction of fullerene C60 with triptycene in molecular complex TPCÂ·C60. Journal of Molecular Structure, 2000, 526, 25-29.	1.8	25
36	Room temperature reduction of multilayer graphene oxide film on a copper substrate: Penetration and participation of copper phase in redox reactions. Carbon, 2014, 69, 563-570.	5.4	25

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37	Hybrid porous carbon materials derived from composite of humic acid and graphene oxide. Microporous and Mesoporous Materials, 2017, 245, 24-30.	2.2	25
38	Characterization of doped diamond-like carbon films deposited by hot wire plasma sputtering of graphite. Applied Physics A: Materials Science and Processing, 2004, 79, 2079-2084.	1.1	24
39	Structure of the neutral mononuclear dinitrosyl iron complex with 1,2,4-triazole-3-thione [Fe(SC2H3N3)(SC2H2N3)(NO)2]Â·0.5H2O. Mendeleev Communications, 2004, 14, 7-8.	0.6	24
40	Oxidation behavior of TiB2 micro- and nanoparticles. Inorganic Materials, 2016, 52, 686-693.	0.2	24
41	Bulk graphanes synthesized from benzene and pyridine. CrystEngComm, 2017, 19, 958-966.	1.3	24
42	Raman study of the high-pressure hydrogenated single-wall carbon nanotubes: In search of chemically bonded and adsorbed molecular hydrogen. Chemical Physics Letters, 2007, 433, 335-339.	1.2	23
43	Fabrication and characterization of fluorinated single-walled carbon nanotubes. Nanotechnologies in Russia, 2009, 4, 60-78.	0.7	23
44	Synthesis and study of gold nanoparticles stabilized by bioflavonoids. Russian Chemical Bulletin, 2011, 60, 426-433.	0.4	23
45	[Fe2(Î¼-SC5H4N)2(NO)4] as a New Potential NO Donor: Synthesis, Structure, and Properties. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2002, 28, 341-345.	0.3	22
46	Structural features of nanocrystalline holmium oxide prepared by the thermal decomposition of organic precursors. Journal of Alloys and Compounds, 2014, 601, 31-37.	2.8	22
47	Bi-nuclear nitrosyl iron complex with 2-mercapto-imidazolyl: Synthesis, structure and magnetic properties. Journal of Molecular Structure, 2005, 752, 110-114.	1.8	21
48	Photoreduction of graphite oxide at different temperatures. Nanotechnologies in Russia, 2012, 7, 156-163.	0.7	21
49	Enhancement of the Carbon Nanowall Film Capacitance. Electron Transfer Kinetics on Functionalized Surfaces. Langmuir, 2015, 31, 7129-7137.	1.6	21
50	Polymer composites prepared by low-temperature post-irradiation polymerization of C₂F₄ in the presence of graphene-like material: synthesis and characterization. RSC Advances, 2015, 5, 9865-9874.	1.7	20
51	Deuterofullerenes. Carbon, 2003, 41, 1365-1368.	5.4	19
52	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
53	Phase transformations in nanostructural anatase TiO2 under shock compression conditions studied by Raman spectroscopy. Technical Physics Letters, 2010, 36, 841-843.	0.2	17
54	Analysis of weakly bonded oxygen in HfO2/SiO2/Si stacks by using HRBS and ARXPS. Journal of Materials Science: Materials in Electronics, 2010, 21, 475-480.	1.1	17

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55	Molecular and electronic structure and IR spectra of mononuclear dinitrosyl iron complex Fe(SC2H3N3)(SC2H2N3)(NO)2]: a theoretical study. Russian Chemical Bulletin, 2007, 56, 1289-1297.	0.4	16
56	Hydrophilic and hydrophobic pores in reduced graphene oxide aerogel. Journal of Porous Materials, 2019, 26, 1111-1119.	1.3	16
57	Experimental and theoretical study of the arrangement, electronic structure and properties of neutral paramagnetic binuclear nitrosyl iron complexes with azaheterocyclic thyolyls having â€˜Sâ€“Câ€“N typeâ€™ coordination of bridging ligands. Inorganica Chimica Acta, 2009, 362, 2499-2504.	1.2	15
58	New evidence for the electronic nature of the strong metal-support interaction effect over a Pt/TiO2 hydrogenation catalyst. Mendeleev Communications, 2001, 11, 186-188.	0.6	14
59	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
60	A comparative analysis of graphene oxide films as proton conductors. Applied Physics A: Materials Science and Processing, 2014, 117, 1859-1863.	1.1	14
61	A Facile Synthesis of Noble-Metal-Free Catalyst Based on Nitrogen Doped Graphene Oxide for Oxygen Reduction Reaction. Materials, 2022, 15, 821.	1.3	14
62	Structural features and magnetic behavior of nanocrystalline powders of terbium oxide prepared by the thermal decomposition of terbium acetate in air. Journal of Alloys and Compounds, 2016, 657, 163-173.	2.8	13
63	Properties of a granulated nitrogen-doped graphene oxide aerogel. Journal of Non-Crystalline Solids, 2018, 498, 236-243.	1.5	13
64	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
65	Effect of humidity on the conductivity of graphite oxide during its photoreduction. High Energy Chemistry, 2013, 47, 242-246.	0.2	12
66	Characterisation and electrical conductivity of polytetrafluoroethylene/graphite nanoplatelets composite films. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	1.1	12
67	Radiation telomerization of tetrafluoroethylene in tetrahydrofuran. High Energy Chemistry, 2011, 45, 475-480.	0.2	11
68	Polymorphic transformations in nanostructured anatase (TiO2) under high-pressure shock compression. Technical Physics, 2013, 58, 1029-1033.	0.2	11
69	The Concentration of C(sp3) Atoms and Properties of an Activated Carbon with over 3000 m2/g BET Surface Area. Nanomaterials, 2021, 11, 1324.	1.9	11
70	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
71	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
72	Colorful Polymer Compositions with Dyed Graphene Oxide Nanosheets. , 2012, 2012, 1-5.		10

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73	Comparative Study of Graphite and the Products of Its Electrochemical Exfoliation. Russian Journal of Electrochemistry, 2018, 54, 825-834.	0.3	10
74	PTFE/rGO Aerogels with Both Superhydrophobic and Superhydrophilic Properties for Electroreduction of Molecular Oxygen. Energy & Fuels, 2020, 34, 7573-7581.	2.5	10
75	New class of neutral paramagnetic binuclear sulfur-containing iron nitrosyl complexes. Russian Chemical Bulletin, 2003, 52, 1702-1708.	0.4	9
76	Doping of fullerite with molecular oxygen at low temperature and pressure. Russian Chemical Bulletin, 2006, 55, 687-696.	0.4	9
77	Experimental and theoretical studies of the structure and IR spectra of neutral diamagnetic binuclear iron nitrosyl complexes Fe2(Âµ-SC6â^'n H5â^'n Nn)2(NO)4 (n = 0, 1, 2). Russian Chemical Bulletin, 2006, 55, 2133-2142.	0.4	9
78	Oxidation of C₆₀ Fullerite by Interstitial Oxygen. Journal of Physical Chemistry C, 2008, 112, 12096-12103.	1.5	9
79	Electrochemical modification of electrodes based on highly oriented carbon nanowalls. Russian Journal of Electrochemistry, 2015, 51, 963-975.	0.3	9
80	Massâ€Spectrometric Investigation of Gases Evolved from Fluorinated Multiâ€Walled Carbon Nanotubes at Heating. Fullerenes Nanotubes and Carbon Nanostructures, 2006, 14, 243-247.	1.0	8
81	Alternating copolymerization of ethylene with carbon monoxide on a supported palladium catalyst. Polymer Science - Series B, 2009, 51, 283-290.	0.3	8
82	The composites of polyaniline with multiwall carbon nanotubes: Preparation, electrochemical properties, and conductivity. Russian Journal of Electrochemistry, 2009, 45, 1266-1275.	0.3	8
83	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
84	A comparative study of graphene materials formed by thermal exfoliation of graphite oxide and chlorine trifluoride-intercalated graphite. High Energy Chemistry, 2013, 47, 331-338.	0.2	8
85	Structure and Thermophysical Characteristics of Polytetrafluoroethylene Composites with Few-Layer Graphene Nanoplatelets. High Energy Chemistry, 2019, 53, 282-286.	0.2	8
86	One-step plasma electrochemical synthesis and oxygen electrocatalysis of nanocomposite of few-layer graphene structures with cobalt oxides. Materials Today Energy, 2020, 17, 100459.	2.5	8
87	Preparation and Characterization of a Flexible rGOâ€“PTFE Film for a Supercapacitor Current Collector. Langmuir, 2020, 36, 8680-8686.	1.6	8
88	Title is missing!. Reaction Kinetics and Catalysis Letters, 2002, 75, 55-61.	0.6	7
89	2H and 13C NMR investigation of deuterofullerites C60Dx. Applied Physics A: Materials Science and Processing, 2004, 78, 1001-1003.	1.1	7
90	In the Chase of Mixed Halofullerenes: Remarkable Transformation of C60Cl n (nÂ=Â6, 8, 12, 14) to C60Br24. Fullerenes Nanotubes and Carbon Nanostructures, 2005, 12, 159-163.	1.0	7

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91	Electronic and Vibration Spectra of Hydrogenated Carbon Singleâ€Wall Nanotubes. Fullerenes Nanotubes and Carbon Nanostructures, 2006, 14, 165-170.	1.0	7
92	Correlation between the E g (1) oscillation frequency and half-width of the (101) peak in the X-ray diffraction pattern of TiO2 anatase nanoparticles. Technical Physics, 2010, 55, 141-143.	0.2	7
93	Noncontact tip-enhanced Raman spectroscopy for nanomaterials and biomedical applications. Nanoscale Advances, 2019, 1, 3392-3399.	2.2	7
94	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
95	New Approach to Creating Superhydrophobic Surfaces. High Energy Chemistry, 2019, 53, 47-49.	0.2	7
96	X-ray photoelectron spectra of catalysts obtained upon the interaction of W(Ï€-C4H7)4 and SiO2. Reaction Kinetics and Catalysis Letters, 1977, 6, 377-383.	0.6	6
97	On the thermal decomposition of the C60D19 deuterium fullerite. Physics of the Solid State, 2002, 44, 545-547.	0.2	6
98	Stability of crystalline structure and molecules of hydrofullerene C60H36 under high shock pressures. Doklady Physics, 2008, 53, 562-565.	0.2	6
99	The new composites, polyacetylene-carbon nanotubes: Electrochemical properties. Russian Journal of Electrochemistry, 2009, 45, 296-303.	0.3	6
100	Specific features of the electronic structure of fluorinated multiwalled carbon nanotubes in the near-surface region. Physics of the Solid State, 2009, 51, 1961-1971.	0.2	6
101	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
102	Jump in the electrical conductivity of shock-compressed glassy carbon. JETP Letters, 2014, 99, 237-241.	0.4	6
103	Fluorinated microwave exfoliated graphite oxide: structural features and double layer capacitance. Fullerenes Nanotubes and Carbon Nanostructures, 2016, 24, 266-272.	1.0	6
104	Comparative study of graphene aerogels synthesized using solâ^'gel method by reducing graphene oxide suspension. High Energy Chemistry, 2017, 51, 269-276.	0.2	6
105	Production of disperse composite materials in a dusty plasma. Doklady Physics, 2004, 49, 163-166.	0.2	5
106	Structure and magnetic properties of nanoparticles encapsulated in carbon shells. Journal of Magnetism and Magnetic Materials, 2005, 294, e57-e62.	1.0	5
107	Processing and properties of magnetic nanoparticles encapsulated in carbon shells. Materials Letters, 2006, 60, 442-446.	1.3	5
108	Thermally stimulated transformations in brookite-containing TiO2 nanopowders produced by the hydrolysis of TiCl4. Technical Physics, 2011, 56, 97-101.	0.2	5

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109	Electrical conductivity of lanthanum oxide based composites containing carbon nanofibers. Inorganic Materials, 2014, 50, 673-681.	0.2	5
110	High-temperature carbonization of humic acids and a composite of humic acids with graphene oxide. High Energy Chemistry, 2016, 50, 43-50.	0.2	5
111	Effect of adding ionic liquid 1-ethyl-3-methylimidazolium tetrafluoroborate on the coordination environment of Li+ ions in propylene carbonate, according to data from IR spectroscopy and quantum chemical modeling. Russian Journal of Physical Chemistry A, 2017, 91, 1444-1450.	0.1	5
112	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
113	Reduced Graphene Oxide Aerogel inside Melamine Sponge as an Electrocatalyst for the Oxygen Reduction Reaction. Materials, 2021, 14, 322.	1.3	5
114	Graphene-Based Aerogels Possessing Superhydrophilic and Superhydrophobic Properties and Their Application for Electroreduction of Molecular Oxygen. Colloid Journal, 2021, 83, 284-293.	0.5	5
115	Nitrogen-enriched carbon powder prepared by ball-milling of graphene oxide with melamine: an efficient electrocatalyst for oxygen reduction reaction. Mendeleev Communications, 2021, 31, 529-531.	0.6	5
116	Effect of ultrasound treatment of C60 solutions on the crystalline structure of precipitated fullerite. Russian Journal of Physical Chemistry A, 2006, 80, 654-658.	0.1	4
117	Vibrational Spectra of C60Hxwith 36â©½xâ©½60 and Emission/absorption of Some Interstellar Clouds. Fullerenes Nanotubes and Carbon Nanostructures, 2008, 16, 579-587.	1.0	4
118	Synthesis and properties of C60 fullerite intercalated by acetylene. Chemical Physics Letters, 2009, 483, 115-119.	1.2	4
119	Fullerite intercalated with argon at room temperature: Synthesis and physicochemical properties. Russian Journal of Inorganic Chemistry, 2009, 54, 341-345.	0.3	4
120	Hydration of trinitrotoluene in the presence of a disperse composite material (Pd + Al)/SiO2 obtained with the use of dusty plasmas. Doklady Physics, 2010, 55, 55-57.	0.2	4
121	An NMR, DSC, and IR spectroscopy study of the composite formed during low-temperature postradiation polymerization of C2F4 in the presence of a 3D graphene material. High Energy Chemistry, 2013, 47, 291-294.	0.2	4
122	Special features of preparation of nanosized hafnium diboride of different dispersity. Russian Journal of General Chemistry, 2015, 85, 1019-1024.	0.3	4
123	Preparation of hafnium diboride nanopowders in an anhydrous Na2B4O7 ionic melt. Inorganic Materials, 2015, 51, 380-383.	0.2	4
124	Metal-free current collectors based on graphene materials for supecapacitors produced by 3D printing. Russian Journal of Physical Chemistry A, 2017, 91, 1966-1970.	0.1	4
125	The structure and synthesis of organic crystalline polymers: hints from ab initio computation. CrystEngComm, 2018, 20, 4003-4011.	1.3	4
126	Microwave exfoliated graphite oxide (MEGO) heat treatment: Transformation and stability. Diamond and Related Materials, 2021, 120, 108654.	1.8	4

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127	Synthesis, crystal structure, and spectral studies of the molecular complex of [60]fullerene with chloro(triphenylphosphine)gold(I), C60Â·2[(Ph3P)AuCl]. Russian Chemical Bulletin, 2000, 49, 367-371.	0.4	3
128	Reaction of Platinum Fulleride C60Pt with Dihydroanthracene. Russian Journal of General Chemistry, 2001, 71, 114-118.	0.3	3
129	Investigation of Composition of Endometallofullerene Extracts. Fullerenes Nanotubes and Carbon Nanostructures, 2005, 12, 59-63.	1.0	3
130	The influence of annealing in a vacuum on the concentration of radicals in fullerite C60. Russian Journal of Physical Chemistry A, 2008, 82, 1314-1317.	0.1	3
131	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
132	Structure of a Composite Material Based on Polyfluorinated Alcohol and Montmorillonite. Russian Journal of Physical Chemistry A, 2018, 92, 1953-1958.	0.1	3
133	Effect of Low-Temperature Heating on the Properties of Graphene Oxide Aerogel. High Energy Chemistry, 2018, 52, 355-359.	0.2	3
134	Superhydrophobic Aerogel of Polytetrafluoroethylene/Graphene Oxide Composite. High Energy Chemistry, 2019, 53, 407-412.	0.2	3
135	Influence of treatment with hydrazine and subsequent annealing on the composition and thermophysical properties of polytetrafluoroethyleneâ€“graphene oxide composite aerogel. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	1.1	3
136	Manifestation of the effect of strong metal-support interaction in a Pt/TiO2 rutile catalyst. Kinetics and Catalysis, 2000, 41, 231-235.	0.3	2
137	Title is missing!. Doklady Chemistry, 2002, 383, 75-77.	0.2	2
138	Microwave photoconductivity and photodielectric effect in thin PbS films obtained from thiocarbamide coordination compounds. Semiconductors, 2004, 38, 380-386.	0.2	2
139	Theoretical analysis of the mechanism of nitrous oxide release upon the UV irradiation of binuclear sulfur-containing nitrosyl iron complexes. Mendeleev Communications, 2004, 14, 9-10.	0.6	2
140	Reaction of the Intermetallic Compound SmFe11Ti with Gaseous Ammonia. Russian Journal of General Chemistry, 2005, 75, 831-834.	0.3	2
141	Dusty Plasma Technology of DCM with Nanostructure Surface Layer Production. AIP Conference Proceedings, 2008, , .	0.3	2
142	Dimerization of Defect Fullerenes and the Orientational Phase Transition in Oxidized C₆₀ Fullerite. Journal of Nanoscience and Nanotechnology, 2011, 11, 1887-1896.	0.9	2
143	On the state of CH4 molecule in the octahedral void of C60 fullerite. Russian Chemical Bulletin, 2011, 60, 1112-1117.	0.4	2
144	On the factors determining the pyrophoric stability of tungsten nanopowder obtained by plasma-chemical pyrolysis of W(CO)6. Technical Physics, 2011, 56, 1531-1534.	0.2	2

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145	Ï€-Donors microstructuring on surface of polymer film by their noncovalent interactions with iodine. Materials Chemistry and Physics, 2015, 160, 161-167.	2.0	2
146	Electroless deposition and properties of Coâ€“Reâ€“B alloys. Russian Journal of Electrochemistry, 2016, 52, 106-114.	0.3	2
147	Spectroscopic study of electrochemically modified fluorinated single-wall carbon nanotubes. Journal of Electroanalytical Chemistry, 2016, 775, 77-82.	1.9	2
148	New data on the composition of products of ultrasonic irradiation of graphite in N-methylpyrrolidone. High Energy Chemistry, 2017, 51, 145-147.	0.2	2
149	X-Ray Photoelectron Spectra of TbB66. Inorganic Materials, 2018, 54, 45-48.	0.2	2
150	Mechanical Properties of Films of Graphene Oxide Doped with Chitosan. Russian Journal of Physical Chemistry A, 2019, 93, 538-541.	0.1	2
151	X-ray photoelectron spectra of C60Â·2(Ph3P)AuCl grown from toulene. Synthetic Metals, 1999, 103, 2563.	2.1	1
152	Platinum Fulleride Reduction by Molecular Deuterium or 9, 10-dihydroanthracene. Fullerenes, Nanotubes, and Carbon Nanostructures, 2000, 8, 519-529.	0.6	1
153	Chemical Interaction between Sm2Fe17and Ammonia. Inorganic Materials, 2004, 40, 497-501.	0.2	1
154	Reactions in AB5-NH3 systems. Russian Journal of General Chemistry, 2004, 74, 1641-1645.	0.3	1
155	Dehydrogenation of compounds with weakened C-H bonds in the presence of platinum and palladium fullerides. Russian Journal of General Chemistry, 2007, 77, 625-628.	0.3	1
156	Density functional theoretical study of the electronic structure and vibrational spectra of a polynuclear [Mg2(MeOH)4Mo8O22(OMe)6]2â^' complex. Mendeleev Communications, 2008, 18, 128-130.	0.6	1
157	Electronic Structure of Fluorinated Carbon Nanotubes Studied by Xâ€ray Absorption and Photoelectron Spectroscopy. Fullerenes Nanotubes and Carbon Nanostructures, 2008, 16, 335-339.	1.0	1
158	Conversion of isopropyl alcohol to acetone in fullerite cavities. Russian Chemical Bulletin, 2009, 58, 758-764.	0.4	1
159	Structure and properties of fullerite C₆₀ intercalated with CH₂F₂. Physica Status Solidi - Rapid Research Letters, 2009, 3, 43-45.	1.2	1
160	Particulars of thermally stimulated gas-release from silica glass fiber. Glass and Ceramics (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.2	1
161	Influence of the content on properties of microwave-exfoliated graphite oxide and Ni(OH)2 composites. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	1
162	Orientational phase transition in methane-intercalated fullerite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:mn>60</mml:mn></mml:msub></mml:math>. Physical Review B, 2018, 98, .	1.1	1

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163	Features and Consequences of Isopropanol Burning off PTFEâ€“rGO Aerogels. Langmuir, 2021, 37, 10233-10240.	1.6	1
164	Hydrophobization of Melamine Sponges Using Radiation-Synthesized Tetrafluoroethylene Telomers. High Energy Chemistry, 2021, 55, 488-494.	0.2	1
165	<title>Hydrogen storage in carbon nanostructures</title>. , 2002, , .		0
166	Evolved Gas Analysis of Heat-Treated Carbon Nanomaterials. Materials Research Society Symposia Proceedings, 2005, 885, 1.	0.1	0
167	Influence of pyrolysis conditions of aqueous solution aerosol of thiocarbamide complexes on the microwave photoconductivity of cadmium sulfide films. Semiconductors, 2006, 40, 497-502.	0.2	0
168	Interaction in fullereneâ€”ammonia system at 423â€”773 K. Russian Chemical Bulletin, 2006, 55, 222-224.	0.4	0
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