

Konstantin N Semenov

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

133
papers

1,402
citations

19
h-index

31
g-index

139
ext. papers

1,611
ext. citations

2.9
avg, IF

4.64
L-index

#	Paper	IF	Citations
133	Functionalisation of graphene as a tool for developing nanomaterials with predefined properties. <i>Journal of Molecular Liquids</i> , 2022 , 348, 118368	6	3
132	Novel Mixed Matrix Membranes Based on Polyphenylene Oxide Modified with Graphene Oxide for Enhanced Pervaporation Dehydration of Ethylene Glycol.. <i>Polymers</i> , 2022 , 14,	4.5	4
131	A cytostatic drug from the class of triazine derivatives: Its properties in aqueous solutions, cytotoxicity, and therapeutic activity. <i>Journal of Molecular Liquids</i> , 2022 , 356, 119043	6	0
130	Graphene oxide conjugated with doxorubicin: synthesis, bioactivity, and biosafety. <i>Journal of Molecular Liquids</i> , 2022 , 119156	6	1
129	Graphene oxide enriched with oxygen-containing groups: on the way to an increase of antioxidant activity and biocompatibility. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 112232	6	7
128	Biocompatibility, antioxidant activity and collagen photoprotection properties of C fullerene adduct with L-methionine. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021 , 102500	6	0
127	Graphene Oxide of Extra High Oxidation: A Wafer for Loading Guest Molecules. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 10015-10024	6.4	1
126	Physicochemical investigation of water-soluble C ₆₀ (C ₂ NH ₄ O ₂) ₄ H ₄ (C ₆₀ -Gly) adduct. <i>Journal of Molecular Liquids</i> , 2021 , 344, 117658	6	1
125	Biocompatibility of a nanocomposite based on Aerosil 380 and carboxylated fullerene C[C(COOH)]. <i>Journal of Biotechnology</i> , 2021 , 331, 83-98	3.7	2
124	Evaluation of the C biodistribution in mice in a micellar ExtraOx form and in an oil solution. <i>Scientific Reports</i> , 2021 , 11, 8362	4.9	
123	Fullerenol changes metabolite responses differently depending on the iron status of cucumber plants. <i>PLoS ONE</i> , 2021 , 16, e0251396	3.7	2
122	A comprehensive study of biocompatibility of detonation nanodiamonds. <i>Journal of Molecular Liquids</i> , 2021 , 332, 115763	6	3
121	Plant impact properties of carboxylated fullerene C ₆₀ [C(COOH) ₂] ₃ . <i>Journal of Molecular Structure</i> , 2021 , 1235, 130163	3.4	1
120	Fullerenol can Ameliorate Iron Deficiency in Cucumber Grown Hydroponically. <i>Journal of Plant Growth Regulation</i> , 2021 , 40, 1017-1031	4.7	9
119	Biologically active water-soluble fullerene adducts: Das Glasperlenspiel (by H. Hesse)?. <i>Journal of Molecular Liquids</i> , 2021 , 323, 114990	6	10
118	Solubility of Rare Earth Chlorides in Ternary Water-Salt Systems in the Presence of a Fullerene C ₆₀ (OH) ₂₄ Nanoclusters at 25 °C. Models of Nonelectrolyte Solubility in Electrolyte Solutions. <i>Processes</i> , 2021 , 9, 349	2.9	1
117	Novel Membranes Based on Hydroxyethyl Cellulose/Sodium Alginate for Pervaporation Dehydration of Isopropanol. <i>Polymers</i> , 2021 , 13,	4.5	7

116	Thermochemistry of Solution, Solvation and Hydrogen Bonding of Chloroform in Linear and Cyclic Ethers. <i>Journal of Solution Chemistry</i> , 2021 , 50, 290-298	1.8	3
115	and Investigation of Water-Soluble Fullerenol C(OH): Bioactivity and Biocompatibility. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 9197-9212	3.4	2
114	Biocompatibility and bioactivity study of a cytostatic drug belonging to the group of alkylating agents of the triazine derivative class. <i>Journal of Molecular Liquids</i> , 2021 , 343, 117630	6	3
113	Fullerenol increases effectiveness of foliar iron fertilization in iron-deficient cucumber. <i>PLoS ONE</i> , 2020 , 15, e0232765	3.7	8
112	Physicochemical study of water-soluble C60(OH)24 fullerenol. <i>Journal of Molecular Liquids</i> , 2020 , 311, 113360	6	8
111	Surface properties of fullerenol C60(OH)20 solutions. <i>Journal of Molecular Liquids</i> , 2020 , 306, 112904	6	6
110	Heat capacity and standard thermodynamic functions of the fullerenol C60(OH)24. <i>Journal of Chemical Thermodynamics</i> , 2020 , 149, 106192	2.9	2
109	Synthesis, characterisation and biocompatibility of graphene- π -methionine nanomaterial. <i>Journal of Molecular Liquids</i> , 2020 , 314, 113605	6	11
108	Charges of Hydrogen Atoms in a Nanodiamond Modified with Proton-Donor Groups. <i>Russian Journal of General Chemistry</i> , 2020 , 90, 927-928	0.7	1
107	Fullerene derivatives with amino acids, peptides and proteins: From synthesis to biomedical application. <i>Progress in Solid State Chemistry</i> , 2020 , 57, 100255	8	32
106	Polythermal density and viscosity, nanoparticle size distribution, binding with human serum albumin and radical scavenging activity of the C60-l-arginine (C60(C6H13N4O2)8H8) aqueous solutions. <i>Journal of Molecular Liquids</i> , 2020 , 297, 111915	6	6
105	Biological evaluation and molecular dynamics simulation of water-soluble fullerene derivative C[C(COOH)]. <i>Toxicology in Vitro</i> , 2020 , 62, 104683	3.6	12
104	Thermodynamic properties of the C70(OH)12 fullerenol in the temperature range T = 9.2 K to 304.5 K. <i>Journal of Chemical Thermodynamics</i> , 2020 , 144, 106029	2.9	4
103	Influence of molecular mass of PEG on rheological behaviour of MWCNT-based nanofluids for thermal energy storage. <i>Journal of Molecular Liquids</i> , 2020 , 318, 113965	6	5
102	Reduction and functionalization of graphene oxide with L-cysteine: Synthesis, characterization and biocompatibility. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020 , 29, 102284	6	9
101	Physicochemical properties, biological activity and biocompatibility of water-soluble C-Hyp adduct. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 196, 111338	6	4
100	Thermodynamic and quantum chemical investigation of the monocarboxylated fullerene C60CHCOOH. <i>Journal of Chemical Thermodynamics</i> , 2020 , 140, 105898	2.9	4
99	MWCNT in PEG-400 nanofluids for thermal applications: A chemical, physical and thermal approach. <i>Journal of Molecular Liquids</i> , 2019 , 294, 111616	6	23

98	Multiphase Open Phase Processes Differential Equations. <i>Processes</i> , 2019 , 7, 148	2.9	4
97	Thermodynamic Properties from Calorimetry and Density Functional Theory and the Thermogravimetric Analysis of the Fullerene Derivative C60(OH)40. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 1480-1487	2.8	10
96	Bioactivity Study of the C60-L-Threonine Derivative for Potential Application in Agriculture. <i>Journal of Nanomaterials</i> , 2019 , 2019, 1-13	3.2	6
95	Physico-chemical properties of C70-l-threonine bisadduct (C70(C4H9NO2)2) aqueous solutions. <i>Journal of Molecular Liquids</i> , 2019 , 279, 687-699	6	12
94	Density, speed of sound, viscosity, refractive index, surface tension and solubility of C60[C(COOH)2]3. <i>Journal of Molecular Liquids</i> , 2019 , 291, 111256	6	9
93	Physico-chemical properties of C60(OH)22O4 water solutions: Density, viscosity, refraction index, isobaric heat capacity and antioxidant activity. <i>Journal of Molecular Liquids</i> , 2019 , 278, 342-355	6	22
92	Excess thermodynamic functions in aqueous systems containing soluble fullerene derivatives. <i>Journal of Molecular Liquids</i> , 2018 , 256, 305-311	6	14
91	Physico-chemical properties of the C70-l-lysine aqueous solutions. <i>Journal of Molecular Liquids</i> , 2018 , 256, 507-518	6	12
90	Fabrication and characterization of polyamide-fullerenol thin film nanocomposite hollow fiber membranes with enhanced antifouling performance. <i>Journal of Membrane Science</i> , 2018 , 551, 20-36	9.6	49
89	Electronic Structure of Fullerene Derivatives with Malonic Acid Fragments. <i>Russian Journal of General Chemistry</i> , 2018 , 88, 610-612	0.7	5
88	Novel mixed-matrix membranes based on polyvinyl alcohol modified by carboxyfullerene for pervaporation dehydration. <i>Separation and Purification Technology</i> , 2018 , 204, 1-12	8.3	28
87	Pressure and temperature dependence of light fullerenes solubility in n-heptane. <i>Journal of Molecular Liquids</i> , 2018 , 268, 569-577	6	1
86	Thermodynamic and thermal properties of the C60-l-Arg derivative. <i>Journal of Chemical Thermodynamics</i> , 2018 , 127, 39-44	2.9	10
85	FULLERENE DERIVATIVES INFLUENCE PRODUCTION PROCESS, GROWTH AND RESISTANCE TO OXIDATIVE STRESS IN BARLEY AND WHEAT PLANTS. <i>Sel'skokhozyaistvennaya Biologiya</i> , 2018 , 53, 38-49 ^{1.3}		3
84	Volume properties and refraction of aqueous solutions of bisadducts of light fullerene C60 and essential amino acids lysine, threonine, and oxyproline (C60(C6H13N2O2)2, C60(C4H8NO3)2, and C60(C5H9NO2)2) at 25°C. <i>Russian Journal of Physical Chemistry A</i> , 2017 , 91, 315-322	0.7	5
83	Formation of a new adduct based on fullerene tris-malonate samarium salt C60[C60(=C(COO)2)3]Sm2. <i>Russian Journal of Physical Chemistry A</i> , 2017 , 91, 549-554	0.7	1
82	Phase equilibria in a ternary fullerenol-d(C60(OH)22O4)SmCl3H2O system at 25°C. <i>Russian Journal of Physical Chemistry A</i> , 2017 , 91, 797-799	0.7	5
81	Pressure dependence of the solubility of light fullerenes in n-nonane. <i>Journal of Chemical Thermodynamics</i> , 2017 , 112, 259-266	2.9	3

80	Dynamic surface properties of C60-arginine and C60-l-lysine aqueous solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 529, 1-6	5.1	14
79	Physico-chemical and biological properties of C60-L-hydroxyproline water solutions. <i>RSC Advances</i> , 2017 , 7, 15189-15200	3.7	24
78	Carboxylated fullerenes: Physico-chemical properties and potential applications. <i>Progress in Solid State Chemistry</i> , 2017 , 47-48, 19-36	8	26
77	Thermodynamic and thermal properties of the C 60 - l -lysine derivative. <i>Journal of Chemical Thermodynamics</i> , 2017 , 115, 7-11	2.9	14
76	Physico-chemical properties of the C 60 - l -threonine water solutions. <i>Journal of Molecular Liquids</i> , 2017 , 242, 940-950	6	12
75	Modeling of systems with aqueous solutions of UO 2+2 salts. Asymmetric model of excess thermodynamic functions, based on virial expansion of the Gibbs free energy of the solution, VD-AS. <i>Radiochemistry</i> , 2017 , 59, 134-142	0.9	4
74	Physico-chemical properties of the C 60 - l -lysine water solutions. <i>Journal of Molecular Liquids</i> , 2017 , 225, 767-777	6	17
73	Nafion-based composite solid electrolytes containing water-soluble fullerene C60 derivatives. <i>Russian Journal of General Chemistry</i> , 2016 , 86, 894-896	0.7	4
72	Impact of polyhydroxy fullerene (fullerol or fullerenol) on growth and biophysical characteristics of barley seedlings in favourable and stressful conditions. <i>Plant Growth Regulation</i> , 2016 , 79, 309-317	3.2	35
71	Phase equilibria in fullerene-containing systems as a basis for development of manufacture and application processes for nanocarbon materials. <i>Russian Chemical Reviews</i> , 2016 , 85, 38-59	6.8	19
70	Fractal analyses of porous sol-gel nanocomposites modified by fullerenol C60(OH) _n (n= 22-24). <i>Journal of Physics: Conference Series</i> , 2016 , 741, 012185	0.3	2
69	Fullerenols: Physicochemical properties and applications. <i>Progress in Solid State Chemistry</i> , 2016 , 44, 59-74	8	52
68	Physico-chemical properties of the C60-arginine water solutions. <i>Journal of Molecular Liquids</i> , 2015 , 211, 301-307	6	26
67	Physico-chemical properties of the water-soluble C70-tris-malonic solutions. <i>Journal of Molecular Liquids</i> , 2015 , 211, 487-493	6	19
66	Temperature dependence of the solubility of fullerenes C60 derivatives with piperidine, pyrrolidine, and morpholine and fullerenes C70 with pyrrolidine in benzene, toluene, and o-xylene at 20 ^o C. <i>Russian Journal of Physical Chemistry A</i> , 2015 , 89, 1206-1210	0.7	3
65	Dissociation of fullereneol-70-d in aqueous solutions and their electric conductivity. <i>Russian Journal of Physical Chemistry A</i> , 2015 , 89, 771-775	0.7	4
64	Physico-chemical properties of the fullereneol-70 water solutions. <i>Journal of Molecular Liquids</i> , 2015 , 202, 1-8	6	26
63	Physico-chemical properties of the C60-tris-malonic derivative water solutions. <i>Journal of Molecular Liquids</i> , 2015 , 201, 50-58	6	27

62	Synthesis, Identification, and Solubility of Adducts of Aldonitrones to Light Fullerenes in Toluene and O-xylene. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2015 , 23, 355-360	1.8	0
61	Pressure dependence of the solubility of light fullerenes in 1-hexanol from 298.15K to 363.15K. <i>Journal of Molecular Liquids</i> , 2015 , 209, 71-76	6	2
60	Solubility of [C ₆₀ (=C(COOH) ₂) ₃] in the [C ₆₀ (=C(COOH) ₂) ₃]-SmCl ₃ -H ₂ O ternary system at 25°C. <i>Russian Journal of Physical Chemistry A</i> , 2015 , 89, 998-1000	0.7	4
59	Solid-liquid phase equilibria in the fullereneol-d-CuCl ₂ -H ₂ O system at 25°C. <i>Russian Journal of Physical Chemistry A</i> , 2014 , 88, 1073-1075	0.7	7
58	Transport properties of cross-linked fullereneol/PVA membranes. <i>Carbon</i> , 2014 , 76, 446-450	10.4	44
57	Solubility in the ternary system fullereneol-d-uranyl sulfate-water at 25°C. <i>Radiochemistry</i> , 2014 , 56, 493-495	0.5	6
56	Synthesis, identification, and benzene solubility of the piperidine, pyrrolidine, and morpholine derivatives of fullerene C ₆₀ . <i>Russian Journal of Physical Chemistry A</i> , 2013 , 87, 54-57	0.7	1
55	Synthesis and identification of bromofullerenes C ₇₀ Br ₈ and C ₇₀ Br ₁₀ and their solubility in some aromatic solvents. <i>Russian Journal of General Chemistry</i> , 2013 , 83, 670-673	0.7	1
54	Synthesis of fullereneol-70-d by direct oxidation and its identification. <i>Russian Journal of General Chemistry</i> , 2013 , 83, 674-678	0.7	7
53	Fullerene Bromides C ₇₀ Br _n (n = 8, 10, 14) Synthesis and Identification and Phase Equilibria in the C ₇₀ Br _n (n = 8, 10, 14)/Solvent Systems. <i>Journal of Chemical & Engineering Data</i> , 2013 , 58, 570-575	2.8	1
52	Impact Resistance of Cement and Gypsum Plaster Nanomodified by Water-Soluble Fullerenols. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 14583-14591	3.9	26
51	Fullereneol-d Solubility in Fullereneol-d/Inorganic Salt/Water Ternary Systems at 25 °C. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 16095-16100	3.9	17
50	Thermodynamics of arsenates, selenites, and sulfates in the oxidation zone of sulfide Ores: Part VII. Solubility of synthetic analogs of erythrite and annabergite at 25°C. <i>Geology of Ore Deposits</i> , 2013 , 55, 525-531	0.7	3
49	Synthesis and protection effect of fullereneol-d. II. Modification of water-soluble priming enamel with fullereneol-d. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2012 , 48, 334-339	0.9	7
48	Thermodynamics of arsenates, selenites, and sulfates in the oxidation zone of sulfide ores: VI. Solubility of synthetic analogs of ahlfeldite and cobaltomenite at 25°C. <i>Geology of Ore Deposits</i> , 2012 , 54, 638-646	0.7	9
47	Conductivity of aqueous solutions of fullerol synthesized by direct oxidation. <i>Russian Journal of Physical Chemistry A</i> , 2012 , 86, 1808-1815	0.7	3
46	Nanostructured materials obtained under conditions of hierarchical self-assembly and modified by derivative forms of fullerenes. <i>Journal of Non-Crystalline Solids</i> , 2012 , 358, 433-439	3.9	32
45	Solubility Diagram of a Fullereneol-d-NaCl-H ₂ O System at 25°C. <i>Russian Journal of Physical Chemistry A</i> , 2012 , 86, 1636-1638	0.7	9

44	Heavy Fullerene for Semi-Conducting Infrared Photo Diodes (1.5B.0 th). <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2012 , 20, 648-655	1.8	
43	Fullerenol Synthesis and Identification. Properties of the Fullerenol Water Solutions. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 230-239	2.8	86
42	Solubility of light fullerenes in oleic, linoleic, and linolenic acids at 20B0°C. <i>Russian Journal of General Chemistry</i> , 2011 , 81, 569-572	0.7	2
41	Extraction of fullerene mixture from fullerene soot with organic solvents. <i>Russian Journal of General Chemistry</i> , 2011 , 81, 920-926	0.7	7
40	Solubility and some properties of aqueous solutions of fullerenol-d and composition of crystal hydrates. <i>Russian Journal of Applied Chemistry</i> , 2011 , 84, 44-49	0.8	9
39	Study of aqueous solutions of fullerenol-d by the dynamic light scattering method. <i>Russian Journal of Applied Chemistry</i> , 2011 , 84, 50-53	0.8	5
38	Electrochemical properties of aqueous solutions of fullerenol-d. <i>Russian Journal of Applied Chemistry</i> , 2011 , 84, 79-83	0.8	7
37	Synthesis and protection effect of fullerenol-d. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2011 , 47, 307-312	0.9	5
36	Solubility of bromine derivatives of C60Br n fullerene in trichloro- and tribromonaphthalene in the temperature range 10B0°C. <i>Russian Journal of Physical Chemistry A</i> , 2011 , 85, 62-67	0.7	1
35	The synthesis and identification of mixed fullerenol prepared by the direct one-stage oxidation of fullerene black. <i>Russian Journal of Physical Chemistry A</i> , 2011 , 85, 1009-1015	0.7	10
34	Heavy fullerenes for semiconducting photodiodes operating at 1.5B.0 th wavelengths. <i>Russian Journal of Physical Chemistry A</i> , 2011 , 85, 1016-1020	0.7	
33	Fullerenes as passivating agents of the surfaces of semiconductor photo- and light-emitting diodes. <i>Russian Journal of Physical Chemistry A</i> , 2011 , 85, 1411-1415	0.7	1
32	Nonlinear optical properties of solutions of heavy fullerenes in the near-ultraviolet region. <i>Russian Journal of Physical Chemistry A</i> , 2011 , 85, 1603-1608	0.7	1
31	Temperature Dependence of Solubility of Light Fullerenes in Some Essential Oils. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2011 , 19, 225-236	1.8	4
30	Temperature Dependence of Light Fullerenes Solubility in Oleic, Linoleic and Linolenic Acids. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2011 , 19, 300-308	1.8	3
29	Isothermal solubility of individual light fullerenes in the homologous series of n-alkanes, n-alkanols, n-alkylcarboxylic acids, and arenes. <i>Russian Journal of General Chemistry</i> , 2010 , 80, 2443-2449	0.7	1
28	Solubility of bromofullerenes C60Br n (n = 6, 8, 24) in aqueous-ethanolic mixtures at 25°C. <i>Russian Journal of Applied Chemistry</i> , 2010 , 83, 997-1000	0.8	2
27	Synthesis and identification of fullerenol prepared by the direct oxidation route. <i>Russian Journal of Applied Chemistry</i> , 2010 , 83, 2076-2080	0.8	15

26	Solubility of Light Fullerenes in Organic Solvents. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 13-36	2.8	165
25	Solubility of Bromoderivatives C ₆₀ Br _n (n = 6, 8, 24) in 1-Chloronaphthalene and 1-Bromonaphthalene in the Temperature Range (10 to 60) °C. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 3662-3666	2.8	4
24	Temperature Dependence of Solubility of Individual Light Fullerenes and Industrial Fullerene Mixture in 1-Chloronaphthalene and 1-Bromonaphthalene. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 2373-2378	2.8	20
23	Solubility of Light Fullerenes in Styrene. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 756-761	2.8	11
22	Temperature Dependence of the Light Fullerenes Solubility in Natural Oils and Animal Fats. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2009 , 17, 230-248	1.8	15
21	Solubility of light fullerenes in vegetable oils. <i>Russian Journal of General Chemistry</i> , 2009 , 79, 1683-1690	0.7	2
20	The solubility of fullerene C ₆₀ -fullerene C ₇₀ mixtures in styrene at 25°C. <i>Russian Journal of Physical Chemistry A</i> , 2009 , 83, 59-62	0.7	3
19	The solubility of C ₆₀ Br _n (n = 6, 8, 24) in organic solvents. <i>Russian Journal of Physical Chemistry A</i> , 2009 , 83, 1935-1939	0.7	6
18	The solubility of fullerenes in butyric and enanthic acids at 20±0 °C. <i>Russian Journal of Physical Chemistry A</i> , 2008 , 82, 728-731	0.7	8
17	The solubility of C ₇₀ in n-alkanols-1 C ₁ -C ₁₁ over the temperature range 20±0°C. <i>Russian Journal of Physical Chemistry A</i> , 2008 , 82, 753-757	0.7	9
16	The solubility of fullerene C ₇₀ in monocarboxylic acids C _n H _{2n} COOH (n = 10) over the temperature range 20±0°C. <i>Russian Journal of Physical Chemistry A</i> , 2008 , 82, 1045-1047	0.7	8
15	The solubility of fullerenes in n-alkanols-1. <i>Russian Journal of Physical Chemistry A</i> , 2008 , 82, 1318-1326	0.7	14
14	The solubility of light fullerenes in styrene over the temperature range 20±0°C. <i>Russian Journal of Physical Chemistry A</i> , 2008 , 82, 1975-1978	0.7	5
13	Polythermal solubility of fullerenes in higher isomeric carboxylic acids. <i>Russian Journal of Applied Chemistry</i> , 2007 , 80, 38-41	0.8	6
12	Solubility of fullerenes in n-alkanoic acids C ₂ -C ₉ . <i>Russian Journal of Applied Chemistry</i> , 2007 , 80, 456-460	0.8	12
11	Polythermal study of the solubility of fullerenes in pelargonic and caprylic acids. <i>Russian Journal of Applied Chemistry</i> , 2007 , 80, 557-561	0.8	10
10	Single-stage plasma-arc synthesis of metallo-endofullerenes. <i>Russian Journal of Applied Chemistry</i> , 2007 , 80, 1888-1893	0.8	1
9	Extraction equilibria in the fullerene-containing system C ₆₀ -C ₇₀ -1,2,4-trichlorobenzene-ethanol-H ₂ O. <i>Russian Journal of Applied Chemistry</i> , 2006 , 79, 201-204	0.8	11

8	Caprolons modified with fullerenes and fulleroid materials. <i>Russian Journal of Applied Chemistry</i> , 2006 , 79, 306-309	0.8	8
7	Activation of the carbon component of shungite-III and the sorption capacity of the material for hydrogen. <i>Russian Journal of Applied Chemistry</i> , 2006 , 79, 1423-1427	0.8	3
6	Production of carbon nanotubes by self-propagating high-temperature synthesis. <i>Technical Physics</i> , 2006 , 51, 231-235	0.5	2
5	Carbon nanostructures in the industrial production of alkali metals by electrolysis. <i>Technical Physics</i> , 2006 , 51, 278-280	0.5	4
4	Sorption of Light Fullerenes (C60 and C70) on Materials Prepared by Sublimation of Graphite Rods. <i>Russian Journal of Applied Chemistry</i> , 2005 , 78, 340-341	0.8	2
3	Modification of Natural Shungites To Obtain a Mixed Nanocarbon Material (MNS). <i>Russian Journal of Applied Chemistry</i> , 2005 , 78, 865-869	0.8	5
2	Formation of Carbon Nanostructures in Electrolytic Production of Alkali Metals. <i>Russian Journal of Applied Chemistry</i> , 2005 , 78, 1944-1947	0.8	4
1	Sorption of light fullerenes C60 and C70 on NORIT-AZO carbon. <i>Russian Journal of Applied Chemistry</i> , 2004 , 77, 1627-1630	0.8	4