

# Ivan A Novakov

## 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.

142  
papers

644  
citations

11  
h-index

17  
g-index

153  
ext. papers

710  
ext. citations

1.3  
avg, IF

3.35  
L-index

#	Paper	IF	Citations
142	Comparison of the Catalytic Activities of Copper(I) Iodide and Copper Nanoparticles in the N-Arylation of Adamantane-Containing Amines. <i>Russian Journal of Organic Chemistry</i> , <b>2022</b> , 58, 15-24	0.7	2
141	CuI and Copper Nanoparticles in the Catalytic Amination of 2-Halopyridines. <i>Russian Journal of Organic Chemistry</i> , <b>2022</b> , 58, 167-174	0.7	1
140	MODIFICATION OF RUBBERS ON THE BASIS OF BNC WITH METAL STEARATES FOR PROTECTION AGAINST SEA FOULING IN TROPICAL CLIMATE CONDITIONS. <i>Izvestia Volgograd State Technical University</i> , <b>2022</b> , 111-118	0	
139	STUDY OF THE INFLUENCE OF SUPROMOLECULAR STRUCTURE ON THE OPTICAL PROPERTIES OF ADAMANTANE-CONTAINING POLYIMIDES BY THE METHOD OF X-RAY STRUCTURAL ANALYSIS. <i>Izvestia Volgograd State Technical University</i> , <b>2022</b> , 54-59	0	
138	THE EFFECT OF RUBBER BLEND INGREDIENTS ON OZONE AND WEATHER AGING OF RUBBER. <i>Izvestia Volgograd State Technical University</i> , <b>2022</b> , 7-19	0	
137	APPLICATION OF THE SCHWENK-PAPA REACTION FOR THE SYNTHESIS OF VICINALLY SUBSTITUTED BICYCLO[2.2.1]HEPTANES. <i>Izvestia Volgograd State Technical University</i> , <b>2021</b> , 7-10	0	
136	Arylation of Adamantanamines: XI. Comparison of the Catalytic Efficiency of Palladium and Copper Complexes in Reactions of Adamantanamines with Fluorinated 2-Bromopyridines. <i>Russian Journal of Organic Chemistry</i> , <b>2021</b> , 57, 768-783	0.7	2
135	Synthesis and Properties of N,N'-Disubstituted Ureas and Their Isosteric Analogs Containing Polycyclic Fragments: XIII. N-[(3-Bromoadamantan-1-yl)methyl]ureas and Symmetrical Diureas. <i>Russian Journal of Organic Chemistry</i> , <b>2021</b> , 57, 1913-1920	0.7	1
134	Specifics of kaolin dispersion flocculation due to a polyelectrolyte complex formation on particle surface. <i>Colloid and Polymer Science</i> , <b>2020</b> , 298, 519-533	2.4	2
133	Photopolymerizable Adhesives Based on Poly(Vinyl Butyral) Solutions in Methacrylic Monomers for Fireproof Glass Assemblies. <i>Polymer Science - Series D</i> , <b>2020</b> , 13, 372-375	0.4	0
132	Superhydrophilic and underwater superoleophobic coatings on the basis of grafted polyelectrolytes on a textured aluminum surface. <i>Polymer Bulletin</i> , <b>2020</b> , 77, 6241-6253	2.4	1
131	Adamantylation of N-aryl and N-arylalkyl acetamides in trifluoroacetic acid. <i>Russian Chemical Bulletin</i> , <b>2020</b> , 69, 1096-1101	1.7	3
130	Treatment of Fat-Containing Wastewater Using Binary Flocculant Mixtures Based on Chitosan and Quaternary Salt of Poly(2-dimethylamino)ethyl Methacrylate. <i>Journal of Polymers and the Environment</i> , <b>2019</b> , 27, 1595-1601	4.5	2
129	Potential Synthetic Adaptogens: V. Synthesis of Cage Monoamines by the SchwenkPapa Reaction. <i>Russian Journal of Organic Chemistry</i> , <b>2019</b> , 55, 1742-1748	0.7	5
128	Matrix Polymerization of Trimethylmetacryloyloxyethylammonium Methyl Sulfate in Sodium Dodecyl Sulfate Micellar Solutions. <i>Polymer Science - Series B</i> , <b>2019</b> , 61, 715-724	0.8	0
127	Polymerization of trimethylmethacryloyloxyethylammonium methyl sulfate in surfactant micellar solution of sodium alkyl sulfates and properties of the resultant polyelectrolytes. <i>Colloid and Polymer Science</i> , <b>2018</b> , 296, 871-881	2.4	5
126	Features of the Interaction between Dodecyltrimethylammonium Bromide Micelles and Sodium 4-Styrene Sulfonate. <i>Colloid Journal</i> , <b>2018</b> , 80, 751-760	1.1	2

125	Potential Synthetic Adaptogens. II. Synthesis and Pharmacological Activity of New Conformationally Labile Bromantane Analogs, N-[(Adamantan-1-yl)methyl]-4-Bromoanilines. <i>Pharmaceutical Chemistry Journal</i> , <b>2017</b> , 50, 781-787	0.9	4
124	The flocculation of kaolin aqueous dispersion by two cationic polyelectrolytes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2017</b> , 515, 12-21	5.1	11
123	Arylation of adamantanamines: VIII. Optimization of the catalytic system for copper-catalyzed arylation of adamantane-containing amines. <i>Russian Journal of Organic Chemistry</i> , <b>2017</b> , 53, 1497-1504	0.7	9
122	Potential synthetic adaptogens: IV. Synthesis and study of basicity of new N-[(adamantan-1-yl)methyl]aniline derivatives. <i>Russian Journal of Organic Chemistry</i> , <b>2017</b> , 53, 663-672	0.7	2
121	Arylation of adamantanamines: IX. Copper(I)-catalyzed arylation of adamantane-containing amines. <i>Russian Journal of Organic Chemistry</i> , <b>2017</b> , 53, 1788-1798	0.7	7
120	Reaction of adamantan-2-amine and (adamantan-1-yl)methylamine with methyl 2-(4-allyl-2-methoxyphenoxy)acetate. <i>Russian Chemical Bulletin</i> , <b>2017</b> , 66, 1597-1600	1.7	2
119	Phosphine-catalyzed [3 + 2] cycloaddition of ethyl buta-2,3-dienoate to adamantane-containing N-substituted maleimides. <i>Mendeleev Communications</i> , <b>2017</b> , 27, 550-552	1.9	5
118	On the feasibility of using sodium octyl sulfate micelles for template polymerization of a cationic monomer. <i>Colloid Journal</i> , <b>2016</b> , 78, 808-815	1.1	1
117	CuI-catalyzed N,N-diarylation of diamines of adamantane series. <i>Russian Chemical Bulletin</i> , <b>2016</b> , 65, 1550-1555	1.7	4
116	Rheological properties of associates of ionic monomers with micelles of oppositely charged surfactants. <i>Russian Chemical Bulletin</i> , <b>2016</b> , 65, 1161-1166	1.7	1
115	Amination of chloro-substituted heteroarenes with adamantane-containing amines. <i>Russian Chemical Bulletin</i> , <b>2016</b> , 65, 1820-1828	1.7	0
114	Potential synthetic adaptogens 1. Synthesis and studies of new N-[(adamantan-1-yl)methyl]aniline derivatives based on adamantane-1-carbaldehyde. <i>Russian Chemical Bulletin</i> , <b>2016</b> , 65, 1336-1340	1.7	3
113	Interaction between cationic monomer and sodium dodecyl sulfate in concentrated aqueous solutions: EPR spectroscopy and rotational viscometry. <i>Colloid Journal</i> , <b>2015</b> , 77, 108-114	1.1	4
112	Control of the wettability of the aluminum surface by its modification with grafted block copolymers based on N-isopropylacrylamide. <i>Russian Journal of Applied Chemistry</i> , <b>2015</b> , 88, 510-515	0.8	
111	Arylation of adamantanamines: VII. Copper(I)-catalyzed N-heteroarylation of adamantane-containing amines with halopyridines. <i>Russian Journal of Organic Chemistry</i> , <b>2015</b> , 51, 301-308	0.7	13
110	Reduction of unsaturated adamantane-containing nitriles. <i>Russian Journal of General Chemistry</i> , <b>2015</b> , 85, 1602-1605	0.7	2
109	Properties of polyelectrolytes prepared by polymerization of ionogenic monomers in micellar solutions of sodium dodecyl sulfate. <i>Russian Chemical Bulletin</i> , <b>2015</b> , 64, 597-604	1.7	2
108	Catalyst-free amination of 2-fluoropyridine and 2-fluoro-5-halopyridines with adamantane amines. <i>Russian Chemical Bulletin</i> , <b>2015</b> , 64, 683-688	1.7	3

107	Experimental and quantum chemical study of the reactions of 2-methyloxirane with 5-alkyl-6-(2,6-dihalobenzyl)-2-thioxo-1,2-dihydropyrimidine-4(3H)-one derivatives. <i>Russian Chemical Bulletin</i> , <b>2015</b> , 64, 525-533	1.7	4
106	C(2)-Functionalization of pyrimidin-4(3H)-one derivatives in the synthesis of its biologically active derivatives. <i>Russian Chemical Bulletin</i> , <b>2015</b> , 64, 2545-2561	1.7	4
105	Synthesis and assessment of 4-aminotetrahydroquinazoline derivatives as tick-borne encephalitis virus reproduction inhibitors. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 3406-15	3.9	33
104	The efficiency of using fluorine-containing surfactants for property modification of polyurethanes filled with chalk. <i>Polymer Science - Series D</i> , <b>2014</b> , 7, 127-132	0.4	
103	Synthesis of grafted functional polymer coatings on the aluminum surface by the methods of controlled radical polymerization. <i>Russian Chemical Bulletin</i> , <b>2014</b> , 63, 1610-1614	1.7	6
102	A solid polymeric electrolyte based on the poly(propylene carbonate)-lithium perchlorate system. <i>Russian Journal of Applied Chemistry</i> , <b>2014</b> , 87, 1868-1871	0.8	5
101	Control of surface wetting via production of graft polymer chains with adaptive behavior. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , <b>2013</b> , 49, 101-108	0.9	4
100	DFT study of the effect of carbitol on the mechanism of aminolysis of 6-methyl-2-(methylsulfanyl)pyrimidin-4(3H)-one. <i>Russian Journal of Organic Chemistry</i> , <b>2013</b> , 49, 1042-1047	0.7	3
99	Synthesis and studies of biological activity of new 8-[(adamant-1-yl)alkyl]amino}theophylline derivatives. <i>Russian Chemical Bulletin</i> , <b>2013</b> , 62, 2544-2546	1.7	1
98	Purification of fat-containing wastewater using polyelectrolyte-surfactant complexes. <i>Separation and Purification Technology</i> , <b>2013</b> , 113, 18-23	8.3	11
97	Arylation of adamantanamines: VI. Palladium-catalyzed arylation of amines and diamines of the adamantane series with 3-bromopyridine. <i>Russian Journal of Organic Chemistry</i> , <b>2013</b> , 49, 1-7	0.7	8
96	Study of the structure and curing of thiourethane elastomers based on oligomer compositions. <i>Polymer Science - Series B</i> , <b>2012</b> , 54, 240-246	0.8	3
95	Investigation of the effect of catalysts on the foaming parameters of compositions and properties of elastic polydieneurethane foams. <i>Polymer Science - Series D</i> , <b>2012</b> , 5, 92-95	0.4	2
94	Peculiarities of the production of materials based on polysulfide oligomer-polymerizable compound compositions cured in the presence of manganese oxide. <i>Polymer Science - Series D</i> , <b>2012</b> , 5, 96-101	0.4	3
93	Grafted polyelectrolyte coatings on aluminum surface for hydrophilic properties control. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , <b>2012</b> , 48, 184-190	0.9	7
92	Synthesis and biological activity of new 6-benzylisocytosine derivatives: non-nucleoside HIV-1 reverse transcriptase inhibitors. <i>Pharmaceutical Chemistry Journal</i> , <b>2012</b> , 46, 397-401	0.9	4
91	Arylation of adamantanamines: IV. Palladium-catalyzed arylation of amines of adamantane series with isomeric chloroquinolines. <i>Russian Journal of Organic Chemistry</i> , <b>2012</b> , 48, 1391-1406	0.7	8
90	Arylation of adamantanamines: V. Palladium-catalyzed amination of isomeric chloroquinolines with diamines of the adamantane series. <i>Russian Journal of Organic Chemistry</i> , <b>2012</b> , 48, 1495-1508	0.7	7

89	Properties of polyelectrolyte-surfactant complexes obtained by polymerization of an ionic monomer in a solution of an oppositely charged surfactant. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2012</b> , 415, 148-152	5.1	13
88	6-(Arylmethyl)pyrimidin-4(3H)-ones: anthology and prospects of highly efficient anti-HIV agents. <i>Russian Chemical Bulletin</i> , <b>2012</b> , 61, 1399-1418	1.7	10
87	The influence of a fluoroorganic modifier on properties of filled polyurethanes. <i>Polymer Science - Series D</i> , <b>2012</b> , 5, 133-137	0.4	1
86	One-class approach: models for virtual screening of non-nucleoside HIV-1 reverse transcriptase inhibitors based on the concept of continuous molecular fields. <i>Russian Chemical Bulletin</i> , <b>2011</b> , 60, 2418-2424	1.7	7
85	Effect of polyfluorinated organophilic calcites on properties of polyurethanes prepared from oligomer formulations. <i>Russian Journal of Applied Chemistry</i> , <b>2011</b> , 84, 1018-1025	0.8	2
84	Arylation of adamantanamines: III. Palladium-catalyzed arylation of adamantane-1,3-diyl dimethanamine and 2,2'-(adamantane-1,3-diyl) diethanamine. <i>Russian Journal of Organic Chemistry</i> , <b>2011</b> , 47, 30-40	0.7	7
83	Reaction of 5-methyl-6-(2-thienylmethyl)-2-thioxo-2,3-dihydropyrimidin-4(1H)-one with $\alpha$ and $\beta$ -(chloroalkyl) sulfides. <i>Russian Journal of Organic Chemistry</i> , <b>2011</b> , 47, 314-317	0.7	
82	Influence of hardener on physicochemical and dynamic properties of polyurethanes based on $\alpha$ , $\omega$ -bis(2-hydroxypropyl)-polybutadiene Krasol LBH-3000. <i>Polymer Science - Series D</i> , <b>2011</b> , 4, 78-84	0.4	2
81	Interaction of aluminum polyhydroxochloride sol and poly(4-vinylbenzene sulfonic acid) sodium salt. <i>Polymer Science - Series A</i> , <b>2011</b> , 53, 364-368	1.2	
80	Structure and tribological behavior of polydiene urethanes based on oligomeric compositions modified by polyfluorine alkyl organophilic montmorillonite. <i>Journal of Friction and Wear</i> , <b>2011</b> , 32, 258-268	0.9	7
79	Synthesis, structure, properties, and tribological behavior of materials based on polythio urethanes modified by polyfluorine- and copper-containing Na <sup>+</sup> -montmorillonite under conditions of thermo-oxidative and light aging. <i>Journal of Friction and Wear</i> , <b>2011</b> , 32, 356-367	0.9	7
78	An improved synthesis of N-(3-phenylbicyclo[2.2.1]-yl)-N-ethylamine hydrochloride (Fencamfamine). <i>Pharmaceutical Chemistry Journal</i> , <b>2011</b> , 45, 419-422	0.9	4
77	Formation of polymer-colloid complexes of aluminoxane particles with poly(acrylic acid) and its copolymers with acrylamide. <i>Colloid and Polymer Science</i> , <b>2011</b> , 289, 1197-1203	2.4	0
76	Synthesis of novel aminomethylenebisphosphonates and bisphosphonic acids, containing adamantyl fragment. <i>Heteroatom Chemistry</i> , <b>2011</b> , 22, 55-58	1.2	15
75	Interaction of aluminoxane particles with weakly charged cationic polyelectrolytes. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 121, 475-482	2.9	
74	Flocculating Properties of Water-Soluble Polymer-Colloid Complexes of Aluminoxane Particles with Weakly Charged Cationic Polyelectrolytes. <i>Journal of Water Resource and Protection</i> , <b>2011</b> , 03, 213-221	0.7	1
73	Modification of polyester binders for glass fiber-reinforced plastics with phosphorus-containing metacrylates for reduction of composite flammability. <i>Russian Journal of General Chemistry</i> , <b>2010</b> , 80, 2115-2121	0.7	4
72	Palladium-catalyzed amination of isomeric dihalobenzenes with 1- and 2-aminoadamantanes. <i>Russian Journal of Organic Chemistry</i> , <b>2010</b> , 46, 64-72	0.7	9

71	Synthesis of new derivatives of 5-alkyl-6-(2,6-dihalobenzyl)-2-(methylsulfanyl)pyrimidin-4(3H)-one and the features of their oxidation. <i>Russian Journal of Organic Chemistry</i> , <b>2010</b> , 46, 1691-1694	0.7	2
70	Arylation of adamantanamines: II. Palladium-catalyzed amination of dihalobenzenes with adamantylalkanamines. <i>Russian Journal of Organic Chemistry</i> , <b>2010</b> , 46, 1790-1811	0.7	7
69	Soluble polyimides and copolyimides with increased hydrolytic stability that are based on [(2-amino)- and (2-aminomethyl)bicyclo[2.2.1]hept-3-yl]anilines. <i>Polymer Science - Series B</i> , <b>2010</b> , 52, 609-613	0.8	5
68	The specific character of the reaction of derivatives of 2-thioxo-2,3-dihydropyrimidin-4(1H)-one with iodomethane and alkyl chloromethyl sulfides. <i>Chemistry of Heterocyclic Compounds</i> , <b>2010</b> , 46, 200-205	1.4	0
67	Poly(N-isopropylacrylamide) grafting on aluminium to actively switch its surface drag in water. <i>Polymer International</i> , <b>2010</b> , 59, 1436-1440	3.3	6
66	Efficient solid-phase synthesis of isocytosine derivatives. <i>Chemistry of Heterocyclic Compounds</i> , <b>2009</b> , 45, 1365-1369	1.4	1
65	Pd-catalyzed amination in the synthesis of a new family of polyazamacrocycles containing 1,3-disubstituted adamantane moieties. <i>Mendeleev Communications</i> , <b>2009</b> , 19, 136-138	1.9	9
64	Effect of 1,1,5-trihydroperfluoropentanol and formulations based on it on the structure of oriented polycapramide fibers. <i>Russian Journal of Applied Chemistry</i> , <b>2009</b> , 82, 157-161	0.8	1
63	Solid polymeric electrolyte based on poly(ethylene carbonate)-lithium perchlorate system. <i>Russian Journal of Applied Chemistry</i> , <b>2009</b> , 82, 243-246	0.8	11
62	Purification of fat-containing wastewater with a complex based on poly-N,N,N,N-trimethyl[methacryloyloxyethyl]ammonium methyl sulfate and sodium dodecyl sulfate. <i>Russian Journal of Applied Chemistry</i> , <b>2009</b> , 82, 1582-1586	0.8	3
61	Multicomponent flocculating systems based on cationic polyelectrolytes. <i>Russian Journal of Applied Chemistry</i> , <b>2009</b> , 82, 2027-2033	0.8	7
60	Synthesis of new derivatives of 6-(1-adamantylmethyl)-4(3H)-pyrimidinone. <i>Russian Journal of Organic Chemistry</i> , <b>2009</b> , 45, 316-317	0.7	0
59	Reactions of 6-benzyl-5-methyl-2-(methylsulfanyl)pyrimidin-4(3H)-one with aliphatic and aliphatic-aromatic amines. <i>Russian Journal of Organic Chemistry</i> , <b>2009</b> , 45, 773-776	0.7	3
58	Stereoselective synthesis of 2-substituted 6-[1-(2,6-difluorophenyl)ethyl]-5-methylpyrimidin-4(3H)-ones. <i>Russian Journal of Organic Chemistry</i> , <b>2009</b> , 45, 1531-1534	0.7	0
57	Palladium-catalyzed amination in the synthesis of macrocyclic compounds containing 1,3-disubstituted adamantane fragments. <i>Russian Journal of Organic Chemistry</i> , <b>2009</b> , 45, 1555-1566	0.7	6
56	A study of structural and molecular weight characteristics of poly(aluminum hydroxychloride) nanoparticles by small-angle X-ray scattering and sedimentation analysis. <i>Nanotechnologies in Russia</i> , <b>2009</b> , 4, 93-101	0.6	2
55	Structure and properties of materials based on thiokol oligomer-containing photopolymer compositions. <i>Polymer Science - Series D</i> , <b>2009</b> , 2, 199-203	0.4	1
54	Regularities of flocculation of aqueous kaolinite dispersions with binary compositions of cationic polyelectrolytes. <i>Colloid Journal</i> , <b>2009</b> , 71, 97-103	1.1	4

53	Interaction of cationic monomer with sodium dodecyl sulfate in dilute aqueous solutions: ESR study. <i>Colloid Journal</i> , <b>2009</b> , 71, 672-676	1.1	8
52	5-Alkyl-6-benzyl-2-(2-oxo-2-phenylethylsulfanyl)pyrimidin-4(3H)-ones, a series of anti-HIV-1 agents of the dihydro-alkoxy-benzyl-oxopyrimidine family with peculiar structure-activity relationship profile. <i>Journal of Medicinal Chemistry</i> , <b>2008</b> , 51, 4641-52	8.3	50
51	Influence of the lyophilizing power of the polymer chain on the relationships in formation of polyelectrolyte-surfactant complexes. <i>Russian Journal of Applied Chemistry</i> , <b>2008</b> , 81, 108-113	0.8	6
50	Polyacrylamide-aluminum pentahydroxochloride-urea formulations as waterproofing agents for oil pool. <i>Russian Journal of Applied Chemistry</i> , <b>2008</b> , 81, 1465-1468	0.8	
49	The effect of modified PL-105 plasticizer on the properties of polydieneurethane-based materials. <i>Polymer Science - Series D</i> , <b>2008</b> , 1, 135-137	0.4	4
48	Formation of homopolymers, graft copolymers, and gel fraction during polymerization of monomer-polymer systems. <i>Polymer Science - Series A</i> , <b>2007</b> , 49, 388-394	1.2	1
47	Specifics of polymerization of trimethyl(methacryloyloxyethyl)ammonium methyl sulfate in a sodium dodecyl sulfate solution and the properties of resultant complexes. <i>Polymer Science - Series A</i> , <b>2007</b> , 49, 1284-1289	1.2	7
46	Properties of aqueous solutions of polymer-colloid complexes of polyethylenimine with aluminum hydroxochloride. <i>Russian Journal of Applied Chemistry</i> , <b>2007</b> , 80, 1906-1909	0.8	2
45	Effect of 1,1,5-trihydroperfluoropentanol on the structure of unoriented poly( $\epsilon$ -caproamide) films. <i>Polymer Science - Series B</i> , <b>2007</b> , 49, 70-74	0.8	
44	A study of the composition of polyacrylamide-polyaluminum chloride polymer-colloid complexes. <i>Polymer Science - Series B</i> , <b>2007</b> , 49, 111-113	0.8	1
43	Effect of plasticizers on structure and mechanical properties of Thiokol sealant. <i>Polymer Science - Series C</i> , <b>2007</b> , 49, 67-70	1.1	1
42	Effect of plasticizer nature on the cure rheokinetics and structure of Thiokol sealant vulcanizates. <i>Polymer Science - Series C</i> , <b>2007</b> , 49, 71-73	1.1	1
41	Spectroscopic calculation of CH bond dissociation energies for the bromo derivatives of alkanes, alkenes, and arenes. <i>Journal of Structural Chemistry</i> , <b>2007</b> , 48, 1015-1021	0.9	
40	Carbamoylmethylphosphine oxide derivatives of adamantane as extracting agents of americium and europium. <i>Russian Chemical Bulletin</i> , <b>2007</b> , 56, 115-121	1.7	3
39	Spectroscopic calculation of the bond-dissociation energy of CH bonds in fluoro derivatives of methane, ethane, ethene, propene, and benzene. <i>Journal of Structural Chemistry</i> , <b>2007</b> , 48, 400-406	0.9	7
38	Spectroscopic calculations of CH bond dissociation energies for ethene, propene, and benzene chlorine derivatives. <i>Journal of Structural Chemistry</i> , <b>2007</b> , 48, 600-606	0.9	2
37	Spectroscopic calculations of CH and OH bond dissociation energies for aldehydes, ketones, acids, and alcohols. <i>Journal of Structural Chemistry</i> , <b>2007</b> , 48, 607-614	0.9	10
36	Synthesis of a New Family of Adamantylpyridin-2-amines by Palladium-Catalyzed $\alpha$ -Amination. <i>Synthesis</i> , <b>2007</b> , 2007, 2215-2221	2.9	29

35	Kinetics of phosphine hydroxymethylation with formaldehyde. <i>Kinetics and Catalysis</i> , <b>2006</b> , 47, 358-366	1.5	5
34	Water-soluble polymer-colloid complexes of aluminum polyhydroxochloride and polyethylenimine in separation of dispersions at low pH. <i>Russian Journal of Applied Chemistry</i> , <b>2006</b> , 79, 464-469	0.8	1
33	Molecular characteristics and hydrodynamic behavior of polyelectrolyte-surfactant complexes in chloroform. <i>Russian Journal of Applied Chemistry</i> , <b>2006</b> , 79, 1647-1650	0.8	2
32	Stabilizing effect of 1,1,5-trihydroperfluoropentanol on photochemical degradation of polycapromide. <i>Polymer Science - Series B</i> , <b>2006</b> , 48, 1-4	0.8	1
31	Free-radical polymerization of monomer-polymer solutions initiated by a peroxide-tertiary aromatic amine system. <i>Polymer Science - Series A</i> , <b>2006</b> , 48, 707-711	1.2	3
30	Photon correlation spectroscopic study of the aggregative stability of colloidal particles of aluminum pentahydroxide chloride. <i>Colloid Journal</i> , <b>2006</b> , 68, 425-429	1.1	1
29	Spectroscopic calculation of CH bond dissociation energy for aliphatic derivatives from the ethylene series. <i>Journal of Structural Chemistry</i> , <b>2006</b> , 47, 629-634	0.9	5
28	Spectroscopic calculation of CH bond dissociation energy in the series of chloro derivatives of methane, ethane, and propane. <i>Journal of Structural Chemistry</i> , <b>2006</b> , 47, 635-641	0.9	9
27	Characteristics of the halogenation of 2-substituted 6-benzhydryl-4(3H)-pyrimidinones. <i>Chemistry of Heterocyclic Compounds</i> , <b>2006</b> , 42, 1233-1235	1.4	0
26	Synthesis of novel N2-adamantyl derivatives of 2-amino-6-methyl-4(3H)-pyrimidinone as potential activators of tumor necrosis factor (TNF) release. <i>Chemistry of Heterocyclic Compounds</i> , <b>2006</b> , 42, 1331-1333	1.4	4
25	Ab initio investigation of aniline and n-propylamine associates with dimethylsulfoxide, isobutyronitrile, and N-methylpiperidone. <i>Journal of Structural Chemistry</i> , <b>2005</b> , 46, 159-163	0.9	
24	Lithium-Conducting Polymer Electrolytes for Chemical Power Sources. <i>Russian Journal of Applied Chemistry</i> , <b>2005</b> , 78, 1-18	0.8	13
23	Flocculation and Precipitation in the Presence of Binary Polyelectrolytes. <i>Russian Journal of Applied Chemistry</i> , <b>2005</b> , 78, 1149-1153	0.8	4
22	Synthesis of Polymer-Colloid Complexes by Polymerization of Ionic Monomers in a Surfactant Solution. <i>Russian Journal of Applied Chemistry</i> , <b>2005</b> , 78, 1185-1189	0.8	4
21	Synthesis and Hydrodynamic Behavior of Stoichiometric Complexes of Cationic Polyelectrolytes with Amphiphilic Anions. <i>Russian Journal of Applied Chemistry</i> , <b>2005</b> , 78, 1190-1193	0.8	3
20	Desulfurization of 2-Thioxo-1,2,3,4-tetrahydropyrimidin-4-ones with Oxiranes and 2-Haloacetoneitriles. <i>Russian Journal of Organic Chemistry</i> , <b>2005</b> , 41, 607-609	0.7	7
19	Structure/property correlations in new adamantane-based polyimides and copolyimides <b>2005</b> , 69-88		1
18	Flocculation Properties of Polyelectrolytes Based on 2-(N,N-Dimethyl-N-Benzylammonio)ethyl Methacrylate Chloride. <i>Russian Journal of Applied Chemistry</i> , <b>2004</b> , 77, 622-628	0.8	5



17	Ab initio study of aniline and n-propylamine associates with nitrobenzene and m-cresol. <i>Journal of Structural Chemistry</i> , <b>2004</b> , 45, 563-569	0.9	1
16	Spectroscopic Calculation of CH Bond Dissociation Energies for Aliphatic Nitriles. <i>Journal of Structural Chemistry</i> , <b>2004</b> , 45, 771-777	0.9	7
15	Spectroscopic Calculation of CH and NH Bond Dissociation Energies for a Series of Primary Amines. <i>Journal of Structural Chemistry</i> , <b>2004</b> , 45, 951-959	0.9	6
14	Water-soluble polymer-colloid complexes of aluminum polyhydroxochloride and polyacrylamide in separation of model and real dispersions. <i>Russian Journal of Applied Chemistry</i> , <b>2004</b> , 77, 1685-1692	0.8	3
13	Formation of Floccs and Sediments in the Presence of Cationic Polyelectrolytes. <i>Colloid Journal</i> , <b>2003</b> , 65, 335-340	1.1	3
12	Synthesis and Flocculating Power of Pyridinium Polyelectrolytes. <i>Russian Journal of Applied Chemistry</i> , <b>2003</b> , 76, 1167-1173	0.8	4
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8	Reactions of Grignard reagents with 1,3-dicyanoadamantane. <i>Russian Chemical Bulletin</i> , <b>2003</b> , 52, 2048-2051		0
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3	Synthesis and antitumor activity of pt(2+) complexes with aminoadamantane derivatives. <i>Pharmaceutical Chemistry Journal</i> , <b>1988</b> , 22, 532-534	0.9	1
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1	Synthesis of dicarboxylic acids of adamantane series. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , <b>1976</b> , 25, 2417-2419		6