

Alexander I Konovalov

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371 papers	2,444 citations	21 h-index	29 g-index
373 ext. papers	2,698 ext. citations	1.4 avg, IF	4.78 L-index

#	Paper	IF	Citations
371	Properties of supramolecular nanoassociates formed in aqueous solutions of biologically active compounds in low or ultra-low concentrations. <i>Doklady Physical Chemistry</i> , 2009 , 428, 196-200	0.8	42
370	Formation of nanoassociates as a key to understanding of physicochemical and biological properties of highly dilute aqueous solutions. <i>Russian Chemical Bulletin</i> , 2014 , 63, 1-14	1.7	37
369	Supramolecular systems based on 1-alkyl-4-aza-1-azoniabicyclo[2.2.2]octane bromides. <i>Russian Chemical Bulletin</i> , 2010 , 59, 1745-1752	1.7	37
368	A Supramolecular Amphiphile Based on Calix[4]resorcinarene and Cationic Surfactant for Controlled Self-Assembly. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 20280-20288	3.8	34
367	Tetraviologen calix[4]resorcine as a mediator of the electrochemical reduction of [PdCl ₄] ²⁻ for the production of Pd ⁰ nanoparticles. <i>Mendeleev Communications</i> , 2014 , 24, 108-110	1.9	32
366	Alkylated 1,4-diazabicyclo[2.2.2]octanes: self-association, catalytic properties, and biological activity. <i>Russian Chemical Bulletin</i> , 2012 , 61, 113-120	1.7	32
365	NMR and Spectrophotometry Study of the Supramolecular Catalytic System Based on Polyethyleneimine and Amphiphilic Sulfonatomethylated Calix[4]Resorcinarene. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 6182-6190	3.8	32
364	Cooperative intramolecular hydrogen bond and conformations of thiocalix[4]arene molecules. <i>Russian Chemical Bulletin</i> , 2002 , 51, 825-827	1.7	32
363	Head-to-tail Aggregates of Sulfonatomethylated Calix[4]resorcinarene in Aqueous Solutions. <i>Supramolecular Chemistry</i> , 2008 , 20, 453-460	1.8	30
362	Guest controlled aggregation of amphiphilic sulfonatomethylated calix[4]resorcinarenes in aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2012 , 370, 19-26	9.3	28
361	Supramolecular systems based on dicationic pyrimidine-containing surfactants and polyethyleneimine. <i>Russian Chemical Bulletin</i> , 2015 , 64, 573-578	1.7	27
360	Amphiphilic calixresorcinarene associates as effective solubilizing agents for hydrophobic organic acids: construction of nano-aggregates. <i>Soft Matter</i> , 2016 , 12, 5590-9	3.6	25
359	Diels-Alder reaction. Effect of internal and external factors on the reactivity of diene-dienophile systems. <i>Russian Chemical Bulletin</i> , 2003 , 52, 293-311	1.7	25
358	Highly diluted aqueous solutions: Formation of nano-sized molecular assemblies (nanoassociates). <i>Geochemistry International</i> , 2014 , 52, 1207-1226	0.8	24
357	Crystal violet dye in complexes with amphiphilic anionic calix[4]resorcinarenes: binding by aggregates and individual molecules. <i>Journal of Colloid and Interface Science</i> , 2013 , 407, 148-54	9.3	23
356	High catalytic activity of palladium nanoparticle clusters supported on a spherical polymer network. <i>Chemical Communications</i> , 2015 , 51, 13317-20	5.8	22
355	Methyl viologen and tetraviologen calix[4]resorcinol as mediators of the electrochemical reduction of [PdCl ₄] ²⁻ with formation of finely dispersed Pd ⁰ . <i>Russian Chemical Bulletin</i> , 2014 , 63, 1409-1415	1.7	22

354	Action of the external electromagnetic field is the condition of nanoassociate formation in highly diluted aqueous solutions. <i>Doklady Physical Chemistry</i> , 2011 , 440, 201-204	0.8	22
353	Quantum-Chemical Study on Reactions of Isocyanates with Linear Methanol Associates: III.* Reaction of Methyl Isocyanate with Linear Methanol Associates. <i>Russian Journal of Organic Chemistry</i> , 2010 , 46, 1452-1460	0.7	22
352	Quantum-chemical study on the reaction of phenyl isocyanate with linear methanol associates. Addition at the C=N bond. <i>Russian Journal of Organic Chemistry</i> , 2008 , 44, 1316-1322	0.7	22
351	The Inclusion Properties of a New Watersoluble Sulfonated Calix[4]resorcinarene towards Alkylammonium and N-Methylpyridinium Cations. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2001 , 40, 73-76		22
350	Reactivity of 4-Phenyl-1,2,4-triazoline-3,5-dione and Diethylazocarboxylate in [4+2]-Cycloaddition and Ene Reactions: Solvent, Temperature, and High-Pressure Influence on the Reaction Rate. <i>International Journal of Chemical Kinetics</i> , 2015 , 47, 289-301	1.4	21
349	Effect of Tocopherol concentrations on the self-organization, physicochemical properties of solutions, and the structure of biological membranes. <i>Doklady Physical Chemistry</i> , 2011 , 438, 109-113	0.8	21
348	Quantum-chemical study on the reaction of phenyl isocyanate with linear methanol associates: II. Addition at the C=O bond. <i>Russian Journal of Organic Chemistry</i> , 2009 , 45, 68-73	0.7	20
347	Molecular tectonics: control of the dimensionality in tetramercaptothiacalixarenes based coordination networks. <i>Inorganic Chemistry</i> , 2013 , 52, 6776-8	5.1	19
346	The Preorganization Effect of the Calix[4]arene Platform on the Extraction Properties of Acetylhydrazide Groups with Transition Metal Ions. <i>Supramolecular Chemistry</i> , 2008 , 20, 479-486	1.8	18
345	Catalysis of nucleophilic substitution reactions in supramolecular systems. <i>Russian Chemical Bulletin</i> , 2004 , 53, 1385-1401	1.7	18
344	The polyacrylic acid/modified chitosan capsules with tunable release of small hydrophobic probe and drug. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015 , 471, 93-100	5.1	17
343	Nanoassociate formation in highly diluted water solutions of potassium phenosan with and without permalloy shielding. <i>Electromagnetic Biology and Medicine</i> , 2015 , 34, 141-6	2.2	17
342	Mixed self-assembly of polyacrylic acid and oppositely charged gemini surfactants differing in the structure of head group. <i>Fluid Phase Equilibria</i> , 2014 , 376, 172-180	2.5	17
341	Low-concentration aqueous solutions of an amphiphilic calix[4]resorcinarene derivative: Self-organization, physicochemical properties, and biological activity under common and hypoelectromagnetic conditions. <i>Doklady Physical Chemistry</i> , 2012 , 447, 193-199	0.8	17
340	Physicochemical substantiation of the hormetic response of biosystems for wastewater treatment to the action of solutions of N,N-diphenylguanidinium bis(hydroxymethyl)phosphinate. <i>Doklady Physical Chemistry</i> , 2011 , 438, 98-102	0.8	17
339	Low-concentration aqueous solutions of macrocyclic pyridine-pyrrole compound: Relationship between the parameters, physicochemical properties, and physiological activity of supramolecular nanosized associates. <i>Doklady Physical Chemistry</i> , 2010 , 433, 142-146	0.8	17
338	Synthesis of New Calix[4]arenes Functionalized by Acetylhydrazide Groups. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007 , 58, 55-61		17
337	Geminal alkylammonium surfactants: Aggregation properties and catalytic activity. <i>Russian Journal of General Chemistry</i> , 2006 , 76, 1625-1631	0.7	17

- 336 The supramolecular approach to the phase transfer of carboxylic calixresorcinarene-capped silver nanoparticles. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2017**, 524, 127-134 5.1 16
- 335 Effect of ultralow concentrations and electromagnetic fields. *Doklady Physical Chemistry*, **2012**, 446, 153-157 0.8 16
- 334 Self-assembling catalytic systems based on new amphiphile containing purine fragment, exhibiting substrate specificity in hydrolysis of phosphorus acids esters. *Russian Journal of General Chemistry*, **2016**, 86, 656-660 0.7 16
- 333 Self-organization and physicochemical properties of aqueous solutions of the antibodies to interferon gamma at ultrahigh dilution. *Doklady Physical Chemistry*, **2015**, 462, 110-114 0.8 15
- 332 Gemini surfactant-nonionic polymer mixed micellar systems. *Colloid Journal*, **2012**, 74, 91-98 1.1 15
- 331 Quantum-chemical investigation of isocyanate reactions with linear methanol associates: V. Aryl isocyanate reactions with linear methanol associates. *Russian Journal of Organic Chemistry*, **2012**, 48, 164-174 0.7 15
- 330 Proton conductivity of calix[n]arene-para-sulfonic acids (n = 4, 8). *Russian Chemical Bulletin*, **2012**, 61, 1892-1899 1.7 15
- 329 Step-by-step design of novel biomimetic nanoreactors based on amphiphilic calix[4]arene immobilized on polymer or mineral platforms for destruction of ecological toxicants. *Chemical Engineering Journal*, **2012**, 185-186, 285-293 14.7 15
- 328 Reaction of resorcinol and its derivatives with urea acetals. *Russian Journal of General Chemistry*, **2009**, 79, 1163-1166 0.7 15
- 327 Functional supramolecular systems: design and applications. *Russian Chemical Reviews*, **2021**, 90, 895-1107 10.7 15
- 326 Molecular tectonics: dimensionality and geometry control of silver coordination networks based on pyrazolyl appended thiacalixarenes. *CrystEngComm*, **2016**, 18, 691-703 3.3 14
- 325 Aggregation behavior, anticorrosion effect, and antimicrobial activity of alkylmethylmorpholinium bromides. *Protection of Metals and Physical Chemistry of Surfaces*, **2014**, 50, 538-542 0.9 14
- 324 Influence of amidoammonium calix[4]resorcinarenes on methyl orange protolytic equilibrium: supramolecular indicator systems. *Supramolecular Chemistry*, **2013**, 25, 831-841 1.8 14
- 323 Supramolecular systems based on amphiphilic derivatives of biologically active phenols: Self-assembly and reactivity over a broad concentration range. *Doklady Physical Chemistry*, **2009**, 428, 201-205 0.8 14
- 322 New Calix[4]Resorcinols with Thiophosphoryl-Containing Fragments. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2011**, 186, 1972-1980 1 14
- 321 Role of surface potential in the catalytic action of micelles of cationic surfactants with a hydroxyalkyl fragment in the head group. *Russian Journal of General Chemistry*, **2008**, 78, 163-170 0.7 14
- 320 Molecular tectonics: generation of grid and porous diamondoid coordination networks by calixarene based tectons. *CrystEngComm*, **2014**, 16, 3765-3772 3.3 13
- 319 Design of supramolecular biomimetic catalysts of high substrate specificity by noncovalent self-assembly of calix[4]arenes with amphiphilic and polymeric amines. *Colloids and Surfaces B: Biointerfaces*, **2014**, 117, 497-504 6 13

318	Supramolecular systems based on cationic surfactants and amphiphilic macrocycles. <i>Colloid Journal</i> , 2012 , 74, 194-206	1.1	13
317	Thermoresponsive Polymer Nanoparticles Based on Viologen Cavitands. <i>ChemPlusChem</i> , 2015 , 80, 217-228		13
316	Isatin derivatives in the reaction with phosphorous hexaethyltriamide. A new approach to the synthesis of isoindigo derivatives. <i>Russian Journal of General Chemistry</i> , 2008 , 78, 1977-1979	0.7	13
315	The aggregation of branched polyethylenimine and cationic surfactants in aqueous systems. <i>Colloid Journal</i> , 2006 , 68, 713-720	1.1	13
314	Synthesis of tris(Ediketones) and study of their complexation with some transition metals. <i>Russian Chemical Bulletin</i> , 2006 , 55, 2000-2007	1.7	13
313	Synthesis, structure, and complexation properties of tetraamide derivatives of thiacalix[4]arene in different conformations. <i>Russian Chemical Bulletin</i> , 2005 , 54, 2104-2112	1.7	13
312	Unusual functionalization of the lower rim of thiacalix[4]arene: competition of alkylation and transalkylation. <i>Russian Chemical Bulletin</i> , 2011 , 60, 486-498	1.7	12
311	The Synergistic Extraction of Lanthanide Ions by a Mixture of Calix[4]resorcinarene or its Dimethylamino-, Piperidyl- or Trimethylammoniummethylated Derivatives and 1,10-Phenanthroline in n-Heptanol. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2001 , 39, 65-69		12
310	The novel calix[4]resorcinarene-PEG conjugate: Synthesis, self-association and encapsulation properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 570, 182-190	5.1	11
309	Calixresorcinarene-capped silver nanoparticles as new supramolecular hybrid nanocontainers. <i>Mendeleev Communications</i> , 2017 , 27, 335-337	1.9	11
308	Catalytic properties of polymer-colloid complexes based on polyethyleneimines and mono- and diquaternized 1,4-diazabicyclo[2.2.2]octane derivatives in the hydrolysis of phosphorus acids esters. <i>Russian Chemical Bulletin</i> , 2015 , 64, 2879-2884	1.7	11
307	Sorption of azo dyes from aqueous solutions by tetradodecyloxybenzylcalix[4]resorcinarene derivatives. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012 , 74, 467-472		11
306	Synthesis and antibacterial and antifungal properties of some phosphorus-containing 1,2-dihydroxynaphthalenes. <i>Pharmaceutical Chemistry Journal</i> , 2009 , 43, 610-612	0.9	11
305	Highly active PdNi nanocatalysts supported on multicharged polymer matrix. <i>Catalysis Science and Technology</i> , 2017 , 7, 5914-5919	5.5	10
304	Amidoamine calix[4]resorcinarene-based oligomers and polymers as efficient sorbents of azo dyes from water. <i>Supramolecular Chemistry</i> , 2015 , 27, 595-605	1.8	10
303	Electrochemical control of association and deposition of tetraviologen calix[4]resorcin. <i>Russian Journal of Electrochemistry</i> , 2014 , 50, 756-772	1.2	10
302	Self-organization and properties of dilute aqueous solutions of cetyltrimethylammonium bromide in a range of physiologically important temperatures. <i>Russian Chemical Bulletin</i> , 2015 , 64, 579-589	1.7	10
301	Binding of 1,5-bis(p-sulfonatophenyl)-3,7-diphenyl-1,5-diaza-3,7-diphosphacyclooctane with tetra(methyl viologen) calix[4]resorcinol. <i>Russian Chemical Bulletin</i> , 2012 , 61, 2295-2310	1.7	10

300	Supramolecular systems as a bridge between nonliving and living matter. <i>Russian Chemical Bulletin</i> , 2011 , 60, 1-10	1.7	10
299	Water-soluble tetra(methylviologen)calix[4]resorcinarene: host-guest properties toward aromatic compounds. <i>Mendeleev Communications</i> , 2007 , 17, 145-147	1.9	10
298	Extraction of Am(III) and Eu(III) with a Dimethylaminomethylated Derivative of Calix[4]resorcinolarene. <i>Radiochemistry</i> , 2004 , 46, 277-281	0.9	10
297	Chemistry and Structure of Diterpene Compounds of the Kaurane Series: VIII. Azomethines Derived from Isosteviol. <i>Russian Journal of General Chemistry</i> , 2003 , 73, 1255-1260	0.7	10
296	Cyclic and Acyclic N?N Bonds in Reactions with Some Alkenes and Dienes. <i>International Journal of Chemical Kinetics</i> , 2017 , 49, 562-575	1.4	9
295	Formation of nanoassociates is a factor determining physicochemical and biological properties of highly diluted aqueous solutions. <i>Doklady Physical Chemistry</i> , 2014 , 456, 86-89	0.8	9
294	Binding of 1,5-bis(p-sulfonatophenyl)-3,7-diphenyl-1,5-diaza-3,7-diphosphacyclooctane with tetramethylviologen calix[4]resorcin with a methyl radical in the resorcinol ring. <i>Russian Journal of Electrochemistry</i> , 2014 , 50, 142-153	1.2	9
293	Comparative study of self-organization and physicochemical properties of highly diluted aqueous solutions of phenol bioantioxidants. <i>Doklady Physical Chemistry</i> , 2012 , 447, 203-206	0.8	9
292	Synthesis and Characterization of Thiacalix[4]monocrowns Modified by Thioether Groups on the Lower Rim. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2013 , 188, 499-502	1	9
291	Synthesis of imidazolidinone containing an ammonium nitrogen atom in the ring. <i>Russian Chemical Bulletin</i> , 2009 , 58, 238-240	1.7	9
290	Scientific grounds and process aspects for the production of polygalacturonate with Ca ²⁺ and Fe ²⁺ ions. <i>Doklady Chemistry</i> , 2009 , 429, 297-300	0.8	9
289	Regioselective alkylation of the lower rim of p-tert-butylthiacalix[4]arene with N-(p-nitrophenyl)-β-bromoacetamide. <i>Supramolecular Chemistry</i> , 2009 , 21, 564-571	1.8	9
288	Nanosized mixed aggregates of alkylated p-sulfonatocalix[n]arenes and cetyltrimethylammonium bromide: self-organization and catalytic activity. <i>Russian Chemical Bulletin</i> , 2010 , 59, 1327-1335	1.7	9
287	Phosphorylation of polyethylene imines in chloroform in the presence of calix[4]resorcinarenes. <i>Russian Journal of General Chemistry</i> , 2007 , 77, 40-46	0.7	9
286	Stereoselective synthesis of spirophosphoranes with a phosphorus-carbon bond based on 2-(2-acetylphenoxy)benzo-1,3,2-dioxaphosphole. <i>Russian Chemical Bulletin</i> , 2008 , 57, 1559-1563	1.7	9
285	Reaction of 1-(2,2-dimethoxyethyl)-1-methyl-3-phenylurea with pyrogallol. <i>Russian Journal of General Chemistry</i> , 2008 , 78, 2411-2412	0.7	9
284	Outer-sphere interactions between octahedral chiral cobalt(iii) complexes and water-soluble calixarenes. <i>Russian Chemical Bulletin</i> , 2004 , 53, 1511-1519	1.7	9
283	Design and Ionophore Properties of Some Macrocyclic Calixarene-Based Ligands. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2004 , 30, 227-244	1.6	9

282	Reactions of 2-Alkoxy-4-oxo-5,6-benzo- 1,3,2-dioxaphosphorinanes with Imines. Synthesis and Steric Structure of 6,7-Benzo-1,4,2-oxazaphosphepine Derivatives. <i>Russian Journal of General Chemistry</i> , 2004 , 74, 32-47	0.7	9
281	Sodium dodecyl sulfate-polyethyleneimine-water system. Self-organization and catalytic activity. <i>Russian Chemical Bulletin</i> , 2005 , 54, 641-649	1.7	9
280	Unusual nanosized associates of carboxy-calix[4]resorcinarene and cetylpyridinium chloride: the macrocycle as a glue for surfactant micelles. <i>Soft Matter</i> , 2017 , 13, 2004-2013	3.6	8
279	Polyelectrolyte micro- and nanocapsules with varied shell permeability controlling the rate of esters hydrolysis. <i>Russian Chemical Bulletin</i> , 2014 , 63, 232-238	1.7	8
278	Dielectric spectroscopy study of low-concentration aqueous solutions of a calix[4]resorcinarene derivative. <i>Doklady Physical Chemistry</i> , 2014 , 455, 56-59	0.8	8
277	Dicationic surfactant based catalytic systems for alkaline hydrolysis of phosphonic acid esters. <i>Kinetics and Catalysis</i> , 2012 , 53, 206-213	1.5	8
276	Quantum-chemical investigation of isocyanate reactions with linear methanol associates: IV. Mechanism of autocatalytic reaction of methyl isocyanate with linear methanol associates. <i>Russian Journal of Organic Chemistry</i> , 2012 , 48, 158-163	0.7	8
275	Supramolecular system 4-aza-1-hexadecyl-1-azoniabicyclo[2.2.2]octane bromide-sodium salicylate. Aggregation and rheological properties. <i>Russian Chemical Bulletin</i> , 2013 , 62, 989-993	1.7	8
274	Supramolecular nanoscale systems based on amphiphilic tetramethylsulfonatocalix[4]resorcinarenes and cationic polyelectrolyte with controlled guest molecule binding. <i>Supramolecular Chemistry</i> , 2017 , 29, 278-289	1.8	8
273	Molecular tectonics: silver coordination networks based on tetramercaptothiacalix[4]arene in 1,3-alternate conformation bearing four nitrile groups. <i>Russian Chemical Bulletin</i> , 2015 , 64, 1955-1962	1.7	8
272	Influence of the medium self-organization on the catalytic activity of palladium nanoparticles stabilized by amphiphilic phosphonium salts in the Suzuki reaction. <i>Russian Chemical Bulletin</i> , 2014 , 63, 1297-1300	1.7	8
271	Electrochemical properties of n-sulfonatothiacalix[4]arene complexes with Fe ³⁺ and [Co(dipy) ₃] ³⁺ ions. <i>Russian Journal of Electrochemistry</i> , 2009 , 45, 783-794	1.2	8
270	Reaction of N-(2,2-Dimethoxyethyl)-N-methylamine and its N-functional derivatives with resorcinol and 2-methylresorcinol. Calix[4]resorcinols functionalized on the lower rim. <i>Russian Journal of General Chemistry</i> , 2007 , 77, 98-102	0.7	8
269	Reaction of resorcinol with (2,2-dimethoxyethyl)methylamine. <i>Russian Journal of General Chemistry</i> , 2007 , 77, 487-488	0.7	8
268	Synthesis and properties of N-[2,2-bis(2,4-dihydroxyaryl)ethyl]-N-methylamines and their hydrohalides. <i>Russian Chemical Bulletin</i> , 2007 , 56, 330-335	1.7	8
267	Synthesis of calix[4]resorcinarenes, containing phosphoryl fragments at the lower rim of the molecule. <i>Russian Chemical Bulletin</i> , 2007 , 56, 1144-1148	1.7	8
266	Stable complexes of tertiary ammonia derivative of phenothiazine with tetramethylsulfonated resorcin[4]arenes obtained under substoichiometric conditions. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007 , 59, 143-154		8
265	Synthesis and complexation properties of carbonyl-containing thiacalix[4]arenes. <i>Russian Chemical Bulletin</i> , 2008 , 57, 1477-1485	1.7	8

- 264 Aggregation behavior and catalytic properties of systems based on aminomethylated calix[4]resorcinarenes and poly(ethylene) imines. *Russian Journal of General Chemistry*, **2008**, 78, 402-409. 0.7 8
- 263 Reaction of 4-aryl-2,6-dichlorobenzo[e[1,2]oxaphosphinine 2-oxides with organomagnesium compounds as a convenient synthetic approach to (Z)-dialkyl(aryl)[2-(2-hydroxyaryl)-2-arylethenyl]phosphine oxides. *Russian Journal of General Chemistry*, **2008**, 78, 1337-1338. 0.7 8
- 262 Synthesis of rcct, rccc, and rcct diastereomers of calix[4]methylresorcinarenes based on p-tolualdehyde. X-ray diffraction study of the rcct isomer. Formation of rcct and rccc cavitands in a cone conformation. *Russian Chemical Bulletin*, **2005**, 54, 2550-2557. 1.7 8
- 261 Kinetics and thermochemistry of [2+2+2]-cycloaddition of quadricyclane to tetracyanoethylene. *Russian Journal of Organic Chemistry*, **2016**, 52, 777-780. 0.7 8
- 260 Closed polymer containers based on phenylboronic esters of resorcinarenes. *Beilstein Journal of Nanotechnology*, **2018**, 9, 1594-1601. 3 8
- 259 Atmospheric and high pressure ene reaction of norbornene with 4-phenyl-3H-1,2,4-triazole-3,5(4H)-dione. *Russian Journal of Organic Chemistry*, **2015**, 51, 387-391. 0.7 7
- 258 Synthesis and structure of lower rim-substituted alkynyl derivatives of thiacalix[4]arene. *Russian Journal of Organic Chemistry*, **2015**, 51, 1334-1342. 0.7 7
- 257 Application of ferrocene-resorcinarene in silver nanoparticle synthesis. *RSC Advances*, **2016**, 6, 87128-87133. 1.3 7
- 256 Polymethoxyphenyl-substituted [2-(5-chloro-2-hydroxy-4-methylphenyl)-2-phenylvinyl]phosphine oxides: Synthesis and complexation with Eu(TTA)₃. *Russian Journal of Organic Chemistry*, **2014**, 50, 547-557. 0.7 7
- 255 Quantum-chemical study on reactions of isocyanates with linear methanol associates: VII. Effect of nonspecific solvation on the reaction of methyl isocyanate with linear methanol associates. *Russian Journal of Organic Chemistry*, **2013**, 49, 22-27. 0.7 7
- 254 The relationship between self-organization and membrane effects of aqueous dispersion systems of the thyroliberin oligopeptide. *Doklady Physical Chemistry*, **2017**, 474, 80-84. 0.8 7
- 253 Self-organization of sodium chloride solutions in the absence and presence of a biologically active substance of low concentration under common and hypoelectromagnetic conditions. *Doklady Physical Chemistry*, **2012**, 446, 184-189. 0.8 7
- 252 Quantum-chemical study on thermal transformations of urea in ethylene glycol. *Russian Journal of Organic Chemistry*, **2013**, 49, 28-33. 0.7 7
- 251 Extraction of lanthanide ions from acidic and strongly acidic media by phosphine oxide derivatives using temperature-induced phase separation. *Russian Chemical Bulletin*, **2011**, 60, 790-796. 1.7 7
- 250 Improvement of selective d-cation binding by tetrathiacalix[4]arene hydrazides: synthesis and extraction properties. *Supramolecular Chemistry*, **2010**, 22, 339-346. 1.8 7
- 249 Reaction of aminoacetals with 2-methylresorcinol. *Russian Journal of General Chemistry*, **2009**, 79, 1929-1930. 0.9 7
- 248 Micellization properties and the catalytic effect of the aqueous cetyltrimethylammonium bromide-Triton X-100 binary system in nucleophilic substitution in esters of phosphorus acids. *Kinetics and Catalysis*, **2007**, 48, 221-227. 1.5 7
- 247 Properties of a sodium dodecyl sulfate-Brij 35 binary micellar system and their effect on the alkaline hydrolysis of O-ethyl-O-p-nitrophenylchloromethylphosphonate. *Colloid Journal*, **2007**, 69, 718-725. 1.5 7

246	New phosphorus-containing analog of calix[4]resorcinarene based on 2,6-dihydroxypyridine. <i>Russian Chemical Bulletin</i> , 2007 , 56, 364-366	1.7	7
245	IR and NMR spectra, intramolecular hydrogen bonding and conformations of mercaptothiacalix[4]arene molecules and their para-tert-butyl-derivative. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2008 , 60, 281-291		7
244	Supramolecular catalytic systems based on calix[4]resorcinarene for nucleophilic substitution in phosphorous acid esters. <i>Colloid Journal</i> , 2008 , 70, 444-454	1.1	7
243	Triphenylphosphonium Trifluoromethanesulfonate in Reactions with Epoxy Derivatives. <i>Russian Journal of Organic Chemistry</i> , 2004 , 40, 910-911	0.7	7
242	Reactions of phenylenedioxytrihalophosphoranes with arylacetylenes: VII. Reaction of 2,2,2-trichloro-4-fluoro-1,3,2B-benzodioxaphosphole with phenylacetylene. <i>Russian Journal of Organic Chemistry</i> , 2004 , 40, 1798-1803	0.7	7
241	Reactivity of supramolecular systems based on calix[4]resorcinarene derivatives and surfactants in hydrolysis of phosphorus acid esters. <i>Macromolecular Symposia</i> , 2004 , 210, 41-48	0.8	7
240	Diclofenac sodium aqueous systems at low concentrations: Interconnection between physicochemical properties and action on hydrobionts. <i>Journal of Environmental Sciences</i> , 2020 , 88, 177-186	6.4	7
239	Solvent Influence on the Diels-Alder Reaction Rates of 9-(Hydroxymethyl)anthracene and 9,10-Bis(hydroxymethyl)anthracene with Two Maleimides. <i>International Journal of Chemical Kinetics</i> , 2017 , 49, 61-68	1.4	6
238	Formation of cooperative amidoaminocalixresorcinarene [methotrexate nanosized aggregates in an aqueous solution and on the surface of gold nanoparticles. <i>Supramolecular Chemistry</i> , 2018 , 30, 901-910	1.8	6
237	Self-assembly of symmetrical and dissymmetrical dicationic surfactants in the solid phase and in solution. <i>Russian Chemical Bulletin</i> , 2014 , 63, 68-75	1.7	6
236	Thermal transformations of urea in ethylene glycol: II. Reaction of isocyanic acid with ethylene glycol associates. <i>Russian Journal of Organic Chemistry</i> , 2013 , 49, 1723-1727	0.7	6
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