

# Sh K Latypov

## List of Publications by Citations

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240  
papers

3,136  
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30  
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278  
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3,374  
ext. citations

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#	Paper	IF	Citations
240	MTPA vs MPA in the Determination of the Absolute Configuration of Chiral Alcohols by <sup>1</sup> H NMR. <i>Journal of Organic Chemistry</i> , <b>1996</b> , 61, 8569-8577	4.2	165
239	Conformational Structure and Dynamics of Arylmethoxyacetates: DNMR Spectroscopy and Aromatic Shielding Effect. <i>Journal of Organic Chemistry</i> , <b>1995</b> , 60, 504-515	4.2	108
238	Are Both the (R)- and the (S)-MPA Esters Really Needed for the Assignment of the Absolute Configuration of Secondary Alcohols by NMR? The Use of a Single Derivative. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 877-882	16.4	89
237	NMR study of conformation and isomerization of aryl- and heteroarylaldehyde 4-tert-butylphenoxyacetylhydrazones. <i>Journal of Molecular Structure</i> , <b>2006</b> , 788, 55-62	3.4	77
236	Choosing the Right Reagent for the Determination of the Absolute Configuration of Amines by NMR: [MTPA or MPA?] <i>Journal of Organic Chemistry</i> , <b>1997</b> , 62, 7569-7574	4.2	67
235	New chirality recognizing reagents for the determination of absolute stereochemistry and enantiomeric purity by NMR. <i>Tetrahedron Letters</i> , <b>1994</b> , 35, 2921-2924	2	63
234	Quantum chemical calculations of (31)P NMR chemical shifts: scopes and limitations. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 6976-87	3.6	60
233	Determination of the Absolute Stereochemistry of Chiral Amines by <sup>1</sup> H NMR of Arylmethoxyacetic Acid Amides: The Conformational Model. <i>Journal of Organic Chemistry</i> , <b>1995</b> , 60, 1538-1545	4.2	59
232	Self-assembling systems based on amphiphilic alkyltriphenylphosphonium bromides: elucidation of the role of head group. <i>Journal of Colloid and Interface Science</i> , <b>2012</b> , 367, 327-36	9.3	55
231	Assignment of the Absolute Configuration of Chiral Primary Alcohols by NMR: Scope and Limitations. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 4741-4751	16.4	54
230	Assignment of the absolute configuration of alpha-chiral carboxylic acids by <sup>1</sup> H NMR spectroscopy. <i>Journal of Organic Chemistry</i> , <b>2000</b> , 65, 2658-66	4.2	50
229	The synthesis of tetracarbonyl derivatives of thiacalix[4]arene in different conformations and their complexation properties towards alkali metal ions. <i>Tetrahedron</i> , <b>2003</b> , 59, 1469-1476	2.4	47
228	Determining factors in the assignment of the absolute configuration of alcohols by NMR. The use of anisotropic effects on remote positions. <i>Tetrahedron</i> , <b>1997</b> , 53, 8541-8564	2.4	46
227	Experimental evidence of phosphine oxide generation in solution and trapping by ruthenium complexes. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 5370-3	16.4	42
226	Electrochemical nickel-induced fluoroalkylation: synthetic, structural and mechanistic study. <i>Dalton Transactions</i> , <b>2012</b> , 41, 165-72	4.3	41
225	Modern diffusion-ordered NMR spectroscopy in chemistry of supramolecular systems: the scope and limitations. <i>Russian Chemical Reviews</i> , <b>2010</b> , 79, 635-653	6.8	40
224	Supramolecular systems based on novel mono- and dicationic pyrimidinic amphiphiles and oligonucleotides: a self-organization and complexation study. <i>ChemPhysChem</i> , <b>2012</b> , 13, 788-96	3.2	39

223	Determination of the absolute configuration of alcohols by low temperature <sup>1</sup> H NMR of aryl(methoxy)acetates. <i>Tetrahedron: Asymmetry</i> , <b>1995</b> , 6, 107-110		39
222	Deoxygenation of some $\beta$ -dicarbonyl compounds by tris(diethylamino)phosphine in the presence of fullerene C <sub>60</sub> . <i>Journal of Organic Chemistry</i> , <b>2011</b> , 76, 2548-57	4.2	37
221	Novel self-assembling system based on resorcinarene and cationic surfactant. <i>Physical Chemistry Chemical Physics</i> , <b>2011</b> , 13, 15891-8	3.6	37
220	Hydroperoxides of alpha-ketols. Novel products of the plant lipoxygenase pathway. <i>FEBS Journal</i> , <b>1991</b> , 199, 451-7		36
219	Outer-sphere association of p-sulfonatothiacalix[4]arene and tetrasulfonatomethylated calix[4]resorcinarene with cobalt(III) tris(dipyridyl): the effect on the spectral and electrochemical properties of the latter. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 4017-23	5.1	35
218	Structure-NMR chemical shift relationships for novel functionalized derivatives of quinoxalines. <i>Magnetic Resonance in Chemistry</i> , <b>2005</b> , 43, 816-28	2.1	35
217	A reaction for the synthesis of benzimidazoles and 1H-imidazo[4,5-b]pyridines via a novel rearrangement of quinoxalinones and their aza-analogues when exposed to 1,2-arylenediamines. <i>Tetrahedron</i> , <b>2010</b> , 66, 9745-9753	2.4	34
216	Nanoreactors based on amphiphilic uracilophanes: self-organization and reactivity study. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 14152-62	3.4	34
215	Structure Determination of Regioisomeric Fused Heterocycles by the Combined Use of 2D NMR Experiments and GIAO DFT <sup>13</sup> C Chemical Shifts. <i>European Journal of Organic Chemistry</i> , <b>2008</b> , 2008, 4640-4646 <sup>33</sup>	3.2	33
214	Nickel Phosphanido Hydride Complex: An Intermediate in the Hydrophosphination of Unactivated Alkenes by Primary Phosphine. <i>Organometallics</i> , <b>2013</b> , 32, 3914-3919	3.8	32
213	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> , <b>2009</b> , 113, 6182-6190	3.8	32
212	New self-assembling systems based on bola-type pyrimidinic surfactants. <i>Journal of Colloid and Interface Science</i> , <b>2010</b> , 342, 119-27	9.3	32
211	Head-to-tail Aggregates of Sulfonatomethylated Calix[4]resorcinarene in Aqueous Solutions. <i>Supramolecular Chemistry</i> , <b>2008</b> , 20, 453-460	1.8	30
210	Formation of ketols from linolenic acid 13-hydroperoxide via allene oxide. Evidence for two distinct mechanisms of allene oxide hydrolysis. <i>Lipids and Lipid Metabolism</i> , <b>1991</b> , 1086, 317-25		29
209	Guest controlled aggregation of amphiphilic sulfonatomethylated calix[4]resorcinarenes in aqueous solutions. <i>Journal of Colloid and Interface Science</i> , <b>2012</b> , 370, 19-26	9.3	28
208	NMR determination of absolute configuration of butenolides of annonaceous type. <i>Chemistry - A European Journal</i> , <b>2002</b> , 8, 5662-6	4.8	28
207	Double hydroperoxidation of alpha-linolenic acid by potato tuber lipoxygenase. <i>Lipids and Lipid Metabolism</i> , <b>1991</b> , 1081, 79-84		27
206	Antimicrobial activity of pyrimidinophanes with thiocytosine and uracil moieties. <i>European Journal of Medicinal Chemistry</i> , <b>2011</b> , 46, 4715-24	6.8	25

205	Application of quantum chemical calculations of <sup>13</sup> C NMR chemical shifts to quinoxaline structure determination. <i>Tetrahedron Letters</i> , <b>2004</b> , 45, 4003-4007	2	25
204	Synthesis and spectroscopic studies of isosteviol-calix[4]arene and -calix[6]arene conjugates. <i>Tetrahedron</i> , <b>2005</b> , 61, 5457-5463	2.4	25
203	Determination of the absolute configuration and enantiomeric purity of chiral primary alcohols by <sup>1</sup> H NMR of 9-anthrylmethoxyacetates. <i>Tetrahedron: Asymmetry</i> , <b>1996</b> , 7, 2195-2198		24
202	Structure and dynamics of P,N-containing heterocycles and their metal complexes in solution. <i>Journal of Physical Chemistry A</i> , <b>2012</b> , 116, 3182-93	2.8	23
201	Synthesis of a chiral macrocyclic tetrphosphine $\Lambda$ ,9-di-R,R(and S,S)- $\Lambda$ -methylbenzyl-3,7,11,15-tetramesityl-1,9-diaza-3,7,11,15-(RSSR)-tetrphosphacyclohexadecane. <i>Mendeleev Communications</i> , <b>2008</b> , 18, 80-81	1.9	23
200	Novel dicationic pyrimidinic surfactant: Self-assembly and DNA complexation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2015</b> , 480, 113-121	5.1	22
199	Micellization and Catalytic Properties of Cationic Surfactants with Head Groups Functionalized with a Hydroxyalkyl Fragment. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2012</b> , 57, 3153-3163	2.8	21
198	First representative of optically active P-L-menthyl-substituted (aminomethyl)phosphine and its borane and metal complexes. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 5407-12	5.1	21
197	The use of ethyl 2-(9-anthryl)-2-hydroxyacetate for assignment of the absolute configuration of carboxylic acids by <sup>1</sup> H NMR. <i>Tetrahedron: Asymmetry</i> , <b>1997</b> , 8, 1015-1018		21
196	Electrochemical behaviour of a molecular capsule based on methylviologen $\Lambda$ resorcinarene and sulfonatomethylene-resorcinarene. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 5312-5315	2	21
195	In situ electrochemical synthesis of Ni(II) complexes with aminomethylphosphines as intermediates for hydrogen evolution. <i>Electrochimica Acta</i> , <b>2017</b> , 225, 467-472	6.7	20
194	Synthesis and unique reversible splitting of 14-membered cyclic aminomethylphosphines on to 7-membered heterocycles. <i>Dalton Transactions</i> , <b>2015</b> , 44, 13565-72	4.3	20
193	Rearrangement of quinoxalin-2-ones when exposed to enamines generated in situ from ketones and ammonium acetate: method for the synthesis of 1-(pyrrolyl)benzimidazolones. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 1375-86	4.2	20
192	A new facile, efficient synthesis and structure peculiarity of quinoxaline derivatives with two benzimidazole fragments. <i>Tetrahedron</i> , <b>2013</b> , 69, 1403-1416	2.4	20
191	Preferential protonation and methylation site of thiopyrimidine derivatives in solution: NMR data. <i>Journal of Physical Chemistry B</i> , <b>2008</b> , 112, 3259-67	3.4	20
190	Soft Nanocontainers Based on Hydroxyethylated Geminis: Role of Spacer in Self-Assembling, Solubilization, and Complexation with Oligonucleotide. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 2178-2192	3.8	20
189	Metal-free intramolecular transannulation of N,3-diaryloxirane-2-carboxamides: a concise and versatile route to 3-arylquinolin-2(1H)-ones. <i>Tetrahedron</i> , <b>2015</b> , 71, 2670-2679	2.4	19
188	An efficient metal-free synthesis of 2-(pyrazin-2-yl)benzimidazoles from quinoxalinones and diaminomaleonitrile via a novel rearrangement. <i>Tetrahedron Letters</i> , <b>2012</b> , 53, 292-296	2	19

- 187 A new approach to the synthesis of phosphoranes based on the reaction of benzo[d]-1,3,2-dioxaphospholes having a  $\pi$  or  $\sigma$  carbonyl group in exocyclic substituent with hexafluoroacetone. *Mendeleev Communications*, **2006**, 16, 320-323 1.9 19
- 186 Determination of the absolute stereochemistry of alcohols and amines by NMR of the group directly linked to the chiral derivatizing reagent. *Tetrahedron*, **2001**, 57, 2231-2236 2.4 19
- 185 Self-assembly of an aminoalkylated resorcinarene in aqueous media: host-guest properties. *New Journal of Chemistry*, **2009**, 33, 2397 3.6 18
- 184 P,N-Containing cyclophanes with large helical hydrophobic cavities: prospective precursors for the design of a molecular reactor. *Dalton Transactions*, **2009**, 490-4 4.3 18
- 183 Supramolecular assemblies involving calix[4]resorcinol and surfactant with pH-induced morphology transition for drug encapsulation. *Journal of Molecular Liquids*, **2018**, 261, 218-224 6 17
- 182 Amphiphilic O-functionalized calix[4]resorcinarenes with tunable structural behavior. *RSC Advances*, **2014**, 4, 9912 3.7 17
- 181 The first example of stereoselective self-assembly of a cryptand containing four asymmetric intracyclic phosphane groups. *Tetrahedron Letters*, **2010**, 51, 1034-1037 2 17
- 180 Synthesis of New Calix[4]arenes Functionalized by Acetylhydrazide Groups. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2007**, 58, 55-61 17
- 179 Structure of pyrimidinocyclophanes in solution by NMR. *Tetrahedron*, **2006**, 62, 7021-7033 2.4 17
- 178 P-Chiral 1,7-diphosphanobornenes: from asymmetric phospho-Diels-Alder reactions towards applications in asymmetric catalysis. *Dalton Transactions*, **2019**, 48, 4677-4684 4.3 16
- 177 Reaction for the synthesis of benzimidazol-2-ones, imidazo[5,4-b]-, and imidazo[4,5-c]pyridin-2-ones via the rearrangement of quinoxalin-2-ones and their aza analogues when exposed to enamines. *Journal of Organic Chemistry*, **2014**, 79, 9161-9 4.2 16
- 176 Structure, conformation, and dynamics of P,N-containing cyclophanes in solution. *Journal of Physical Chemistry A*, **2010**, 114, 2588-96 2.8 16
- 175 A novel acid-catalyzed rearrangement of 2-substituted-3-(2-nitrophenyl)oxiranes for the synthesis of di- and mono-oxalamides. *RSC Advances*, **2016**, 6, 27885-27895 3.7 15
- 174 Triuracils  $\square$ , 3-Bis[ $\square$ (N-methyluracil-1-yl)alkyl]thymines and Their 5,5'-Cyclic Counterparts. *European Journal of Organic Chemistry*, **2007**, 2007, 4578-4593 3.2 15
- 173 Conformational analysis of MNCB (MBNC) esters and amides: Promising chiral reagents for stereoselective applications. *Tetrahedron*, **1999**, 55, 7305-7318 2.4 15
- 172 Novel self-assembling systems based on amphiphilic phosphonium salt and polyethylene glycol. Kinetic arguments for synergetic aggregation behavior. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2013**, 419, 186-193 5.1 14
- 171 Simple synthesis of 3-hydroxyquinolines via Na<sub>2</sub>S<sub>2</sub>O<sub>4</sub>-mediated reductive cyclization of (2-(2-nitrophenyl)oxiran-1-yl)(aryl)methanones (o-nitrobenzalacetophenone oxides). *Tetrahedron*, **2017**, 73, 5082-5090 2.4 14
- 170 Diastereoselective [4+2] Cycloaddition Reaction of 1-Neomenthyl-1,2-diphosphole: Facile Synthesis of P-Chiral Cage Phosphines. *European Journal of Organic Chemistry*, **2015**, 2015, 5326-5329 3.2 14

- 169 Experimental Evidence of Phosphine Oxide Generation in Solution and Trapping by Ruthenium Complexes. *Angewandte Chemie*, **2011**, 123, 5482-5485 3.6 14
- 168 Polyethyleneimine + Cationic Surfactant Systems: Self-Organization and Reactivity Study. *Journal of Chemical & Engineering Data*, **2010**, 55, 5848-5855 2.8 14
- 167 An efficient method for the synthesis of imidazo[1,5-a]quinoxalines from 3-acylquinoxalinones and benzylamines via a novel imidazoannulation. *Tetrahedron*, **2009**, 65, 9412-9420 2.4 14
- 166 New products of the reaction of aldimines with dialkylphosphites. *Mendeleev Communications*, **2008**, 18, 262-264 1.9 14
- 165 3-Indolizin-2-ylquinoxalines and the derived monopodands. *Russian Chemical Bulletin*, **2005**, 54, 2616-2625 14
- 164 Efficient synthesis and structure peculiarity of macrocycles with bi-indolizinyquinoxalinone moieties. *Tetrahedron*, **2013**, 69, 10675-10687 2.4 13
- 163 Application of theoretically computed chemical shifts to structure determination of novel heterocyclic compounds. *Journal of Molecular Structure*, **2006**, 791, 77-81 3.4 13
- 162 Synthesis of hybrids of benzofuroxan and N-, S-containing sterically hindered phenols derivatives. Tautomerism. *Tetrahedron*, **2016**, 72, 6415-6420 2.4 13
- 161 The reactions of 3-ethoxycarbonylmethylene-3,4-dihydroquinoxalin-2(1H)-one and its derivatives in the synthesis of benzodiazepines and benzimidazoles: reinvestigation, structural reassignment, and new insight. *Tetrahedron*, **2014**, 70, 7567-7576 2.4 12
- 160 Novel electrochemical pathway to fluoroalkyl phosphines and phosphine oxides. *Journal of Fluorine Chemistry*, **2013**, 153, 178-182 2.1 12
- 159 Unusual functionalization of the lower rim of thiacalix[4]arene: competition of alkylation and transalkylation. *Russian Chemical Bulletin*, **2011**, 60, 486-498 1.7 12
- 158 Synthesis of 3-Hydroxy-4-arylquinolin-2-ones Including Viridicatol via a Darzens Condensation/Friedel-Crafts Alkylation Strategy. *Journal of Organic Chemistry*, **2018**, 83, 13132-13145 4.2 12
- 157 New malonate macrocycle bearing two isosteviol moieties and its adduct with fullerene C60. *Mendeleev Communications*, **2011**, 21, 134-136 1.9 11
- 156 Synthesis, Structure, and Extraction Ability of Tetrasubstituted Thiacalix[4]Arenes with Crown Ether Fragments on the Lower Rim. *Macroheterocycles*, **2012**, 5, 17-22 2.2 11
- 155 Conformational Analysis of P,N-Containing Eight-Membered Heterocycles and Their Pt/Ni Complexes in Solution. *European Journal of Inorganic Chemistry*, **2016**, 2016, 1068-1084 2.3 10
- 154 Quinoxalinone-Benzimidazole rearrangement: an efficient strategy for the synthesis of structurally diverse quinoline derivatives with benzimidazole moieties. *Tetrahedron Letters*, **2014**, 55, 4319-4324 2 10
- 153 Amphiphilic macrocycles bearing biofragment: molecular design as factor controlling self-assembly. *Materials Science and Engineering C*, **2014**, 38, 143-50 8.3 10
- 152 Friedländer reaction/quinoxalinone-Benzimidazole rearrangement sequence: expeditious entry to diverse quinoline derivatives with the benzimidazole moieties. *Tetrahedron*, **2014**, 70, 5934-5946 2.4 10

151	Novel supramolecular system based on a cationic amphiphile bearing glucamine fragment: structural behavior and hydrophobic probe binding. <i>Mendeleev Communications</i> , <b>2015</b> , 25, 174-176	1.9	10
150	Electroswitchable self-assembly of tetraferrocene-resorcinarene. <i>Mendeleev Communications</i> , <b>2013</b> , 23, 71-73	1.9	10
149	Water-soluble tetra(methylviologen)calix[4]resorcinarene: host-guest properties toward aromatic compounds. <i>Mendeleev Communications</i> , <b>2007</b> , 17, 145-147	1.9	10
148	Thiacalix[4]monocrowns Substituted by Sulfur-Containing Anchoring Groups: New Ligands for Gold Surface Modification. <i>Macrocyclics</i> , <b>2013</b> , 6, 302-307	2.2	10
147	One-Pot Synthesis of 7-(Benzimidazol-2-yl)thioxolumazine and -lumazine Derivatives via HSO-Catalyzed Rearrangement of Quinoxalinones When Exposed to 5,6-Diamino-2-mercapto- and 2,5,6-Triaminopyrimidin-4-ols. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 14942-14953	4.2	10
146	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> , <b>2013</b> , 188, 499-502	1	9
145	Wagner-Meerwein rearrangement of steviol 16 $\beta$ - and 15 $\beta$ -epoxides. <i>Russian Journal of Organic Chemistry</i> , <b>2010</b> , 46, 1006-1012	0.7	9
144	Synthesis of novel paracyclophanes with linear P,N-containing spacers. <i>Russian Chemical Bulletin</i> , <b>2007</b> , 56, 1828-1837	1.7	9
143	Conformational Analysis of l-(Alkoxyethyl)-5(R)-methyl-2-pyrrolidinone Derivatives. Determination of the Absolute Stereochemistry of Alcohols. <i>Journal of Organic Chemistry</i> , <b>1998</b> , 63, 8682-8688 <sup>9</sup>	4.2	9
142	Synthesis and primary evaluation of the hepatoprotective properties of novel pyrimidine derivatives. <i>Russian Journal of Bioorganic Chemistry</i> , <b>2017</b> , 43, 604-611	1	8
141	Three Questionable Cases in the Chemistry of Quinoxalines and Benzodiazepines in the Way of the Syntheses of Benzimidazoles. <i>Journal of Heterocyclic Chemistry</i> , <b>2014</b> , 51, 1664-1674	1.9	8
140	A Convenient Deoxygenation-Dimerization-[1+2]-Cycloaddition Synthetic Sequence from $\beta$ -Bromoalkylisatins to Indolin-2-onemethanofullerenes Bearing Isoindigo Moiety. <i>Synthesis</i> , <b>2013</b> , 45, 668-672	2.9	8
139	Unusual Reaction of Macrocyclic Uracils with Paraformaldehyde. <i>European Journal of Organic Chemistry</i> , <b>2011</b> , 2011, 5423-5426	3.2	8
138	Fullerene C60 as an effective trap of acenaphthenone carbene generated in the reaction of acenaphthenequinone with hexaethyltriaminophosphine. <i>Mendeleev Communications</i> , <b>2009</b> , 19, 306-308 <sup>1.9</sup>	1.9	8
137	Stereoselective Synthesis and Interconversions of 1,9-Diaza-3,7,11,15-Tetraphosphacyclohexadecanes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2008</b> , 183, 456-459	1	8
136	Synthesis, structure, and electrochemical properties of 12,42-dioxo-21,31-diphenyl-7,10,13-trioxa-1,4(3,1)-diquinoxalina-2(2,3),3(3,2)-diindoliznacypentadecaphanes. <i>Russian Chemical Bulletin</i> , <b>2007</b> , 56, 2060-2073	1	8
135	Synthesis and complexation properties of carbonyl-containing thiacalix[4]arenes. <i>Russian Chemical Bulletin</i> , <b>2008</b> , 57, 1477-1485	1.7	8
134	Self-Associative Properties of Quinoline Derivatives in Solution. <i>Bulletin of the Chemical Society of Japan</i> , <b>2005</b> , 78, 1296-1301	5.1	8

133	The rearrangement of 1H,1?H-spiro[quinoline-4,2?-quinoxaline]-2,3? (3H,4?H)-diones is a new and efficient method for the synthesis of 4-(benzimidazol-2-yl)quinolin-2(1H)-ones. <i>Tetrahedron</i> , <b>2018</b> , 74, 6544-6557	2.4	8
132	-Methyl-d-glucamine-Calix[4]resorcinarene Conjugates: Self-Assembly and Biological Properties. <i>Molecules</i> , <b>2019</b> , 24,	4.8	7
131	Synthesis and structure of lower rim-substituted alkynyl derivatives of thiacalix[4]arene. <i>Russian Journal of Organic Chemistry</i> , <b>2015</b> , 51, 1334-1342	0.7	7
130	The self-organization and functional activity of binary system based on erucyl amidopropyl betaine alkylated polyethyleneimine. <i>Chemical Physics Letters</i> , <b>2013</b> , 588, 145-149	2.5	7
129	Covalent self-assembly of the specific RSSR isomer of 14-membered tetrakisphosphine. <i>Dalton Transactions</i> , <b>2017</b> , 46, 12417-12420	4.3	7
128	Thiacalix[4] arenes with terminal thiol groups at the lower rim: synthesis and structure. <i>Russian Chemical Bulletin</i> , <b>2009</b> , 58, 145-151	1.7	7
127	New phosphorus-containing analog of calix[4]resorcinarene based on 2,6-dihydroxypyridine. <i>Russian Chemical Bulletin</i> , <b>2007</b> , 56, 364-366	1.7	7
126	Synthesis of pyrimidinocyclophanes having a bridging nitrogen atom. <i>Russian Journal of Organic Chemistry</i> , <b>2008</b> , 44, 882-890	0.7	7
125	Structure and properties of macrocyclic compounds containing a pyrimidine fragment. <i>Russian Journal of Organic Chemistry</i> , <b>2008</b> , 44, 891-900	0.7	7
124	Synthesis of pyrimidinophanes containing nitrogen atoms in polymethylene bridges. <i>Russian Chemical Bulletin</i> , <b>2003</b> , 52, 1595-1599	1.7	7
123	NMR determination of absolute configuration of bicycloxy ketones. <i>Tetrahedron: Asymmetry</i> , <b>2003</b> , 14, 963-966		7
122	Acid-Catalyzed Rearrangement of 3-Cyanoquinoxalin-2(1)-ones When Exposed to 1,2-Diaminobenzenes: Synthesis of 2,2'-Bibenzimidazoles. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 13572-13581 <sup>6</sup>	4.2	6
121	Acid-Catalyzed Multicomponent Rearrangements 2-((Quinoxalin-3(4)-on-2-yl)(aryl)methylene)malononitriles, Generated , for Divergent Synthesis of Pyrroles with Different Substitution Patterns. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 9887-9904	4.2	6
120	One-pot synthesis of thiazolo[3,4-a]quinoxalines and the related heterocyclic systems using 4-hydroxy-4-alkoxycarbonyl-3,5-diaryl-2-aryliminothia(selena)zolidines as versatile reagents. <i>Tetrahedron</i> , <b>2012</b> , 68, 7363-7373	2.4	6
119	Synthesis and properties of new triazole methanofullerenes under the click-chemistry conditions. <i>Russian Chemical Bulletin</i> , <b>2012</b> , 61, 1169-1175	1.7	6
118	pH-controlled photoinduced electron transfer in the [(Mo6Cl8)L6]-calix[4]resorcine-dimethylviologen system. <i>Organic Letters</i> , <b>2011</b> , 13, 506-9	6.2	6
117	Synthesis and crystal structure of 5-carbaphosphatranes containing a four-membered cycle. <i>Mendeleev Communications</i> , <b>2009</b> , 19, 34-36	1.9	6
116	Stereospecific cascade cyclization reaction with the formation of tetracyclic hexacoordinated phosphorus derivatives. <i>Mendeleev Communications</i> , <b>2010</b> , 20, 226-228	1.9	6



115	Supramolecular catalytic systems based on bolaform pyrimidinic surfactants: the counterion effect. <i>Mendeleev Communications</i> , <b>2010</b> , 20, 116-118	1.9	6
114	Cyclization of natural allene oxide in aprotic solvent: formation of the novel oxylipin methyl cis-12-oxo-10-phytoenoate. <i>Chemistry and Physics of Lipids</i> , <b>2007</b> , 148, 91-6	3.7	6
113	Solution structure and equilibrium of new calix[4]resorcinarene complexes—prototype of molecular machines. NMR data. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2007</b> , 58, 389-398		6
112	Norditerpenoid alkaloids from <i>Aconitum septentrionale</i> K.. <i>Russian Journal of Organic Chemistry</i> , <b>2008</b> , 44, 536-541	0.7	6
111	Macrocyclic compounds containing three pyrimidine fragments. <i>Russian Chemical Bulletin</i> , <b>2003</b> , 52, 1399-1402	6	
110	Chemistry and Structure of Diterpene Compounds of the Kaurane Series: VI. Isosteviol Esters. <i>Russian Journal of General Chemistry</i> , <b>2003</b> , 73, 1119-1129	0.7	6
109	Synthesis and extraction properties of some lariat ethers derived from the spontaneously resolved guaifenesin, 3-(2-methoxyphenoxy)propane-1,2-diol. <i>Arkivoc</i> , <b>2011</b> , 2011, 16-32	0.9	6
108	A new and efficient method for the synthesis of 3-(2-nitrophenyl)pyruvic acid derivatives and indoles based on the Reissert reaction. <i>Tetrahedron Letters</i> , <b>2018</b> , 59, 3923-3925	2	6
107	Self-Assembly of Chiral 1,8-Diaza-3,6,10,13-tetraphosphacyclotetradecanes via Dynamic Transformation of 7- and 14-Membered Aminomethylphosphines. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 3053-3060	2.3	5
106	Charge-Transfer Complexes of Linear Acenes with a New Acceptor Perfluoroanthraquinone. The Interplay of Charge-Transfer and F $\cdots$ F Interactions. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 5123-5131	3.5	5
105	Synthesis and fluorescent properties of thiacalix[4]arenes containing terpyridyl fragments at the lower rim. <i>Russian Chemical Bulletin</i> , <b>2014</b> , 63, 214-222	1.7	5
104	Synthesis and properties of new fullerene C <sub>60</sub> derivatives, containing acetonide and polyol fragments. <i>Tetrahedron</i> , <b>2014</b> , 70, 5947-5953	2.4	5
103	Novel indolin-2-one-substituted methanofullerenes bearing long n-alkyl chains: synthesis and application in bulk-heterojunction solar cells. <i>Beilstein Journal of Organic Chemistry</i> , <b>2014</b> , 10, 1121-8	2.5	5
102	Conformational diversity and dynamics of distally disubstituted calix and thiacalix[4]arenes in solution. <i>Journal of Physical Organic Chemistry</i> , <b>2013</b> , 26, 407-414	2.1	5
101	The polyethylene glycol-sodium dodecylsulfate-BdCl <sub>2</sub> -water supramolecular catalytic system for the Suzuki reaction. <i>Mendeleev Communications</i> , <b>2011</b> , 21, 53-55	1.9	5
100	GIAO DFT 13C/15N chemical shifts in regioisomeric structure determination of fused pyrazoles. <i>Magnetic Resonance in Chemistry</i> , <b>2010</b> , 48, 607-13	2.1	5
99	3D structure of disulfide derivatives of isocyanuric acids in solution. <i>Journal of Molecular Structure</i> , <b>2007</b> , 837, 245-251	3.4	5
98	Redox induced translocation of a guest molecule between viologen-resorcinarene and $\beta$ -cyclodextrin. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 2566-2568	2	5

97	Thiacalix[4]arenes with Triple Bonds at the Lower Rim: Synthesis and Structure. <i>Macrocyclic Chemistry</i> , <b>2013</b> , 6, 47-52	2.2	5
96	6-Methyluracil derivatives as peripheral site ligand-hydroxamic acid conjugates: Reactivation for paraoxon-inhibited acetylcholinesterase. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 185, 111787	6.8	5
95	Supramolecular Systems Based on Novel Amphiphiles and a Polymer: Aggregation and Selective Solubilization. <i>Journal of Surfactants and Detergents</i> , <b>2019</b> , 22, 865-874	1.9	4
94	Sequential substitution/ring cleavage/addition reaction of 1-(cyclohex-1-enyl)-piperidine and -pyrrolidine with chloropyruvates for the efficient synthesis of substituted 4,5,6,7-tetrahydro-1H-indole derivatives. <i>Tetrahedron</i> , <b>2015</b> , 71, 9143-9153	2.4	4
93	A short and efficient protocol for the synthesis of imidazo[1,5-a]quinoxalin-4-ones from 3-arylquinoxalinones and compounds with the aminomethylene moiety. <i>Tetrahedron</i> , <b>2015</b> , 71, 147-157	2.4	4
92	Synthesis of Conjugates of the Iron(II) Tris-Dioximates and the Dithiol-Terminated Calix[4]Arenes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2013</b> , 188, 503-506	1	4
91	New method for the synthesis of 2-substituted benzimidazole-5(6)-carboxylic acids. <i>Chemistry of Heterocyclic Compounds</i> , <b>2017</b> , 53, 1003-1013	1.4	4
90	Diffusivity data and reaction kinetics as probes for self-assembling: Cationic surfactant in chloroform system. <i>Fluid Phase Equilibria</i> , <b>2013</b> , 360, 16-22	2.5	4
89	Fused polycyclic nitrogen-containing heterocycles 21. Condensation of 4-hydroxy-3,5-diphenyl-2-phenyliminothiazolidine with 5-fluoro-4-morpholino- and 4-(4-methylpiperazino)-1,2-phenylenediamines. <i>Russian Chemical Bulletin</i> , <b>2009</b> , 58, 203-211	1.7	4
88	Novel 36- and 38-Membered P,N-Containing Cyclophanes with Large Hydrophobic Cavities. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2008</b> , 183, 667-668	1	4
87	Solution conformations of novel redox-active cyclophane based on biindolizinequinoxaline. <i>Journal of Molecular Structure</i> , <b>2008</b> , 889, 89-97	3.4	4
86	Synthesis, electrochemical properties, and thermal transformations of 1-(5-nitropyrimidin-2-yl)[60]fullereno[1,2-b]aziridine. <i>Russian Chemical Bulletin</i> , <b>2006</b> , 55, 502-506	1.7	4
85	5-Methyl-2-phenyl-2H-1,2,3-diazasole in reaction with ethyl diazoacetate. <i>Heteroatom Chemistry</i> , <b>1992</b> , 3, 151-156	1.2	4
84	The keto-enol tautomerism and the redox conversions of $\beta$ -keto fatty acids. <i>Chemistry and Physics of Lipids</i> , <b>1993</b> , 66, 199-208	3.7	4
83	The isomeric structure of pentacoordinate chiral spiroporphoranes in solution by the combined use of NMR experiments and GIAO DFT calculations of NMR parameters. <i>Dalton Transactions</i> , <b>2017</b> , 46, 8146-8156	4.3	3
82	Quantum Chemical Calculations of $^{31}\text{P}$ NMR Chemical Shifts in Nickel Complexes: Scope and Limitations. <i>Organometallics</i> , <b>2020</b> , 39, 1413-1422	3.8	3
81	Nanoscale isoindigo-carriers: self-assembly and tunable properties. <i>Beilstein Journal of Nanotechnology</i> , <b>2017</b> , 8, 313-324	3	3
80	Mechanism of intramolecular transformations of nickel phosphanido hydride complexes. <i>Dalton Transactions</i> , <b>2016</b> , 45, 2053-9	4.3	3

79	Synthesis of new phosphorylated fullerene C60 derivatives soluble in polar solvents. <i>Russian Chemical Bulletin</i> , <b>2014</b> , 63, 1386-1389	1.7	3
78	Thiacalix-monocrown ethers with terminal functional groups at the lower rim: Synthesis and structure. <i>Doklady Chemistry</i> , <b>2011</b> , 438, 170-174	0.8	3
77	Synthesis and reactivity of acyclic and macrocyclic uracils bridged with five-membered heterocycles. <i>Tetrahedron</i> , <b>2011</b> , 67, 7370-7378	2.4	3
76	¶Bis(3,6-dimethyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidin-1-yl)alkanes and products of their cyclization, pyrimidinophanes: intra- and intermolecular interaction in crystals and in solutions. <i>Russian Chemical Bulletin</i> , <b>2008</b> , 57, 124-136	1.7	3
75	Synthesis and oxidation of sulfides containing an isocyanurate fragment. <i>Russian Chemical Bulletin</i> , <b>2008</b> , 57, 2579-2585	1.7	3
74	Alder-Ene Reaction of 3-Methyl-3-Cyanocyclopropene with Monoterpenes. <i>Letters in Organic Chemistry</i> , <b>2006</b> , 3, 670-673	0.6	3
73	Aggregation in a mixture of cetyltrimethylammonium bromide and polyoxyethylene 600 monolaurate solutions. <i>Colloid Journal</i> , <b>2006</b> , 68, 504-510	1.1	3
72	Synthesis and structures of pyrimidinophanes containing a nitrogen atom in the bridge. <i>Russian Chemical Bulletin</i> , <b>2006</b> , 55, 559-568	1.7	3
71	Combined application of 2D NMR correlation methods and ab initio chemical shift calculations to the structure determination of new heterocyclic compounds. <i>Russian Chemical Bulletin</i> , <b>2006</b> , 55, 2256-2264	1.7	3
70	Reactions of phenylenedioxytrihalophosphoranes with arylacetylenes. 5. Regiochemistry of the reaction of 2,2,2-trichloro-5-chlorocarbonylbenzo[d]-1,3,2-dioxaphosphole with phenylacetylene. Synthesis and three-dimensional structures of 6-alkylaminocarbonyl-2-oxo-4-phenylbenzo[e]-1,2-oxaphosphorinine derivatives. <i>Russian Chemical Bulletin</i> , <b>2005</b> , 53, 101-103	1.7	3
69	A new direction in the reaction of ¶aminocarboxylate salts with dialkyl chlorophosphites: formation of bis[1-(dialkoxyphosphoryl)alkyl]amines. <i>Mendeleev Communications</i> , <b>2005</b> , 15, 40-42	1.9	3
68	Reactions in the chrysenequinone¶phenylacetylene¶phosphorus trichloride system: formation and crystal structure of 2,7-dichloro-2-oxo-4-phenylbenzo[o]-1,2-oxaphosphatriphenylene. <i>Mendeleev Communications</i> , <b>2005</b> , 15, 101-103	1.9	3
67	The conformation of aldisin and analogues. A potential model for expanded nucleosides. <i>Tetrahedron</i> , <b>1995</b> , 51, 1301-1310	2.4	3
66	Template Synthesis of Tetrakis-triazolylthiacalix[4]arene in the Cone Conformation and Supramolecular Structure of Its Hexanuclear Complex with Ag(I). <i>Macroheterocycles</i> , <b>2014</b> , 7, 189-195	2.2	3
65	Simultaneous formation of 3-(benzimidazol-2-yl)quinoxalin-2(1H)-ones and 2-(benzimidazol-2-yl)quinoxalines from quinoxalin-2(1H)-one-3-carbaldoximes when exposed to 1,2-benzenediamines. <i>Tetrahedron</i> , <b>2020</b> , 76, 131721	2.4	3
64	New Charge Transfer Cocrystals of F2TCNQ with Polycyclic Aromatic Hydrocarbons: Acceptor¶Acceptor Interactions and Their Contribution to Supramolecular Arrangement and Charge Transfer. <i>Crystal Growth and Design</i> , <b>2022</b> , 22, 751-762	3.5	3
63	Synthesis of derivatives of fullerenes C60 and C70 containing pharmacophore groups. <i>Mendeleev Communications</i> , <b>2017</b> , 27, 204-206	1.9	2
62	Facile synthesis of 2-carboxanilido-3-arylquinazolin-4-ones from N1-(2-carboxyphenyl)-N2-(aryl)oxalamides. <i>Tetrahedron Letters</i> , <b>2019</b> , 60, 151205	2	2

61	Environmentally friendly and efficient method for the synthesis of the new $\beta$ -diimine ligands with benzimidazole moiety. <i>Journal of Heterocyclic Chemistry</i> , <b>2020</b> , 57, 2466-2479	1.9	2
60	Structural Diversity and Dynamics of Nickel Complexes with Ambidentate Phosphorus Heterocycles. <i>Organometallics</i> , <b>2018</b> , 37, 2348-2357	3.8	2
59	Combined Use of 2-D NMR Correlation Experiments, GIAO DFT $^{13}\text{C}$ Chemical Shifts and 1-D NOESY Methods in Regioisomeric and Conformational Structure Determination of Cyclophanes in Solution. <i>Applied Magnetic Resonance</i> , <b>2011</b> , 41, 467-475	0.8	2
58	Intramolecular Cycloaddition Reactions of 1-Alkenyl-3,4,5-triaryl-1,2-diphosphacyclopenta-2,4-dienes. <i>European Journal of Organic Chemistry</i> , <b>2011</b> , 2011, n/a-n/a	3.2	2
57	Study of the protonation (methylation) position and tautomeric structure of thiopyrimidine derivatives by 2D $^1\text{H}$ - $^5\text{H}$ NMR HSQC/HMBC. Experimental approach and theoretical modeling. <i>Russian Chemical Bulletin</i> , <b>2009</b> , 58, 51-58	1.7	2
56	Synthesis and structure of pyrimidinophanes with a sulfur atom in the spacer. <i>Mendeleev Communications</i> , <b>2010</b> , 20, 4-6	1.9	2
55	1,3,2(1,4,2)-Dioxaphosphepins annelated with naphthalene fragment: Synthesis and steric structure. <i>Russian Journal of General Chemistry</i> , <b>2007</b> , 77, 538-552	0.7	2
54	Novel fluorene-containing fullerenes C <sub>60</sub> : synthesis and structures. <i>Russian Chemical Bulletin</i> , <b>2007</b> , 56, 1843-1848	1.7	2
53	Structure and dynamics of pyrimidine-based macrocycles in solution. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 6674-6678	2	2
52	Reactions of 2,2-dichloro(dibromo)-2-fluorobenzo[d]-1,3,2-dioxaphospholes with alk-1-yne. <i>Mendeleev Communications</i> , <b>2006</b> , 16, 172-174	1.9	2
51	Mixed micelles of cetyltrimethylammonium bromide and poly(ethylene glycol)-600 monolaurate as catalysts of polyethylenimine phosphorylation in chloroform. <i>Russian Chemical Bulletin</i> , <b>2006</b> , 55, 1411-1418	1.7	2
50	Regioselective syntheses of 3-hydroxy-4-aryl-3,4,5-trihydro-2H-benzo[b][1,4]diazepin-2(1H)-ones and 3-benzylquinoxalin-2(1H)-ones from arylglycidates when exposed to 1,2-diaminobenzenes. <i>Tetrahedron</i> , <b>2020</b> , 76, 131478	2.4	2
49	Thermally Stable Nitrothiacalixarene Chromophores: Conformational Study and Aggregation Behavior. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	2
48	New and efficient synthesis of 3-arylquinazolin-4(1H)-ones and biologically important N-fused tetracycles based on N-(2-carboxyphenyl)oxalamide. <i>Tetrahedron Letters</i> , <b>2021</b> , 82, 153327	2	2
47	Synthesis and Mechanistic Insights of the Formation of 3-Hydroxyquinolin-2-ones including Viridicatin from 2-Chloro-,3-diaryloxirane-2-carboxamides under Acid-Catalyzed Rearrangements. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 13514-13534	4.2	2
46	[2-(2-Nitrophenyl)oxiran-1-yl](aryl(methyl))ketones in the synthesis of 3-hydroxyquinolin-4(1H)-ones and 2-arylquinolines. <i>Russian Chemical Bulletin</i> , <b>2019</b> , 68, 1020-1024	1.7	1
45	Synthesis of the first chiral polynuclear copper(I) complex based on (R)-1-(1-phenyl)ethyl-3-(O,O-diethylthiophosphoryl)thiourea and its characterization in the solid state and solution. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 3224-3231	3.6	1
44	Hydrogen's isotopic exchange reaction in the C-methyl sides in the medicinal agent xymedon: NMR spectroscopy and ab initio calculations. <i>Journal of Physical Organic Chemistry</i> , <b>2018</b> , 31, e3804	2.1	1

43	3-( $\beta$ -Chlorobenzyl)quinoxalin-2(1H)-ones as Versatile Reagents for the Synthesis of 3-Benzylquinoxalin-2(1H)-ones and Thiazolo[3,4-a]quinoxalin-4(5H)-ones. <i>Journal of Heterocyclic Chemistry</i> , <b>2019</b> , 56, 2221-2234	1.9	1
42	Pyrimidinophane p-toluenesulfonate Water-soluble pyrimidine-containing macrocycles. <i>Russian Journal of General Chemistry</i> , <b>2009</b> , 79, 134-137	0.7	1
41	Synthesis of Polycyclic Hexacoordinated Phosphorus Derivatives from Salicylaldehyde Diimines. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2011</b> , 186, 775-777	1	1
40	Nonracemic menthyl phosphorylacetates. <i>Russian Chemical Bulletin</i> , <b>2007</b> , 56, 290-297	1.7	1
39	Synthesis of the individual regioisomer of the bisadduct of fullerene C <sub>60</sub> with tert-butyl 11-azido-3,6,9-trioxaundecanoate. <i>Russian Chemical Bulletin</i> , <b>2007</b> , 56, 1495-1500	1.7	1
38	Proton-acceptor properties of azahomofullerene and fullerenoaziridine containing a cyanuric acid fragment. <i>Russian Journal of General Chemistry</i> , <b>2008</b> , 78, 451-456	0.7	1
37	Condensation of diethyl 2,4,6-Trioxoheptanedioate with 2-(Aryliminomethyl)phenols. A new synthesis of chromeno[4,3-b]pyridines. <i>Russian Journal of Organic Chemistry</i> , <b>2008</b> , 44, 916-920	0.7	1
36	Cyclic P(III)-phosphorylated derivatives of pamoic acid: Reaction of 4,4'-methylenebis(2-ethoxynaphtho[2,3-d]-1,3,2-dioxaphosphorin-4-one) with hexafluoroacetone. <i>Russian Journal of General Chemistry</i> , <b>2006</b> , 76, 1338-1339	0.7	1
35	Stereoselective synthesis and neurotropic activity of phosphorylactic acid derivatives. <i>Pharmaceutical Chemistry Journal</i> , <b>2006</b> , 40, 469-472	0.9	1
34	Synthesis, structures, and properties of new thiophosphorylated fullerenopyrrolidines. First example of the Pishchimuka reaction in fullerene derivatives. <i>Russian Chemical Bulletin</i> , <b>2006</b> , 55, 507-516	1.7	1
33	Synthesis and electrochemical properties of individual isomers of isocyanurate-substituted bis-organodiazadihomofullerenes. <i>Russian Chemical Bulletin</i> , <b>2006</b> , 55, 697-702	1.7	1
32	pH-Driven Variation of the Outer-Sphere Binding Mode of cis-[Co(Ad)(en)2Cl]Cl (en-Ethylenediamine, Ad-Adeninate) with p-Sulfonatothiacalix[4]arene. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2006</b> , 56, 369-374		1
31	Synthesis of 1-Alkyl 3,5-Bis( $\beta$ mercaptoacetoalkyl) Isocyanurates and Macrocylic Disulfides Derived Thereof. <i>Russian Journal of General Chemistry</i> , <b>2003</b> , 73, 1297-1302	0.7	1
30	Regioselectivity in the Reaction of Hexaethylphosphorous Triamide with 6-Bromo-1,2-naphthoquinone. Synthesis of (7-Bromo-3,4-dioxo-3,4-dihydronaphthalen-1-yl)tris(diethylamino)phosphonium Bromide. <i>Russian Journal of Organic Chemistry</i> , <b>2005</b> , 41, 1845-1846	0.7	1
29	Platinum(II) Complexes with 10-(Aryl)phenoxarsines: Synthesis, Cis/Trans Isomerization, and Luminescence. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 6804-6812	5.1	1
28	Synthesis and structure of allylated derivatives of fullerenes C <sub>60</sub> and C <sub>70</sub> . <i>Russian Chemical Bulletin</i> , <b>2016</b> , 65, 1556-1565	1.7	1
27	Competitive Hydrogen Bonding and Unprecedented Polymorphism in Selected Chiral Phosphorylated Thioureas. <i>Crystal Growth and Design</i> , <b>2021</b> , 21, 5460-5471	3.5	1
26	NMR study of the Ni complexes based on 1-alkyl-1,2-diphospholes. <i>Russian Chemical Bulletin</i> , <b>2019</b> , 68, 374-379	1.7	0

25	Reductive acid-catalyzed rearrangement of 3-(2-nitrobenzyl)quinoxalin-2(1H)-ones in the presence of Na <sub>2</sub> S <sub>2</sub> O <sub>4</sub> . Effective method for the synthesis of 2-(indol-2-yl)benzimidazoles. <i>Chemistry of Heterocyclic Compounds</i> , <b>2017</b> , 53, 1033-1044	1.4	0
24	DFT Approach for Predicting <sup>13</sup> C NMR Shifts of Atoms Directly Coordinated to Nickel. <i>Organometallics</i> , <b>2021</b> , 40, 1614-1625	3.8	0
23	A concise synthesis of indolin-2-ones via direct acid-catalyzed intramolecular Friedel-Crafts alkylation of 3-chloro-N-(substituted)-2-oxo-N,3-diarylpropanamides. <i>Tetrahedron Letters</i> , <b>2022</b> , 153797 <sup>2</sup>		0
22	Rearrangement in the systems ethyl bromopyruvate-1-(cyclohex-1-enyl)piperidine, -pyrrolidine, and -morpholine as an efficient approach to 4,5,6,7-tetrahydroindoles. <i>Russian Chemical Bulletin</i> , <b>2019</b> , 68, 1014-1019	1.7	
21	Features of the synthesis of isatins and isoindigo derivatives bearing long-chain haloalkyl substituents. <i>Monatshfte für Chemie</i> , <b>2015</b> , 146, 365-374	1.4	
20	Structure and dynamics of some macrocyclic pyrimidine derivatives. <i>Russian Chemical Bulletin</i> , <b>2009</b> , 58, 2499-2505	1.7	
19	Oxidative Transformations of Lappaconitine and 19-Oxolappaconine, Structural Revision of an obtained 8,9-Seco Product. <i>Natural Product Communications</i> , <b>2008</b> , 3, 1934578X0800301	0.9	
18	Accurate assignments in PMR and <sup>13</sup> C NMR spectra of anhydrolycoctonine using 2D spectroscopy. <i>Chemistry of Natural Compounds</i> , <b>2008</b> , 44, 337-340	0.7	
17	Reaction of (chloromethyl)phosphonic(-phosphinic) iso(thio)cyanates with alcohols and (hydroxyalkyl)phosphonates. <i>Russian Journal of General Chemistry</i> , <b>2006</b> , 76, 381-390	0.7	
16	Reaction of 3-(4-bromophenyl)-2-ethoxy-4,4-bis(2,2,3,3-tetrafluoropropoxy)-2,3,4,5-tetrahydro-1,2B-benzoxaphosphepine-2,4-dione with phenylhydrazine. <i>Russian Journal of General Chemistry</i> , <b>2006</b> , 76, 493-494		
15	New Reaction in the Ternary System Phenanthrenequinone-Phosphorus Trichloride-Arylacetylene. <i>Doklady Chemistry</i> , <b>2002</b> , 385, 182-185	0.8	
14	2-(Dialkoxyposphinothioyl)thio-1,3,2-dioxaborolanes and -borinanes. <i>Russian Journal of General Chemistry</i> , <b>2002</b> , 72, 1654-1655	0.7	
13	Synthesis and Biological Activity of Some Mono- and Bis- $\beta$ -Ammonioalkyluracil Bromides. <i>Pharmaceutical Chemistry Journal</i> , <b>2005</b> , 39, 239-244	0.9	
12	Quantitative evaluation of the effect of the medium on the thermodynamic parameters of conformational transitions of substituted 1,3-dioxanes in solutions and gases with PMR data. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , <b>1991</b> , 40, 1577-1583		
11	Synthesis of 1,3,4,2,6-oxathiazadiphosphorines. <i>Bulletin of the Russian Academy of Sciences Division of Chemical Science</i> , <b>1992</b> , 41, 919-922		
10	Participation of an enimine methyl group in cyclization with PC <sup>13</sup> . <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , <b>1989</b> , 38, 433-433		
9	Influence of the solvent on the activation parameters of the conformational conversions of 2-substituted 1,3-dithia-5,6-benzocycloheptenes. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , <b>1989</b> , 38, 1139-1142		
8	Steric structure of heterocycles containing phosphorus. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , <b>1990</b> , 39, 2507-2512		

- 7 Determination of the effect of the medium on the thermodynamic parameters of the conformational transformations of 3-substituted 2,4-dithia-3,5-dihydro-1H-cycloocta[d,e]naphthalenes by double fitting of exchange-broadened PMR spectra. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1990**, 39, 1586-1590
- 6 Influence of medium on thermodynamic parameters of conformational conversions of certain partially fixed seven-membered 1,3-heterocycles, as indicated by NMR data. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1990**, 39, 1168-1171
- 5 Effect of the solvent on the thermodynamic parameters of conformational transformations: Pseudo effects of the medium. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1990**, 39, 33-38
- 4 Effect of solvent on the conformational equilibrium of 2-substituted 5,6-benz-1,3-dithiepins. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1987**, 36, 496-499
- 3 Asymmetric 1,3-dipolar cycloaddition reaction of chiral 1-alkyl-1,2-diphospholes with diphenyldiazomethane.. *RSC Advances*, **2020**, 10, 39060-39066 3-7
- 2 Tautomeric preference in lumazines, deazalumazines, isoalloxazines and pyrimidines and its effect on the reactivity of alkyl groups. *Bioorganic Chemistry*, **2021**, 109, 104725 5-1
- 1 Structure and dynamics of eight-membered P,N-heterocycles in solution. *Russian Journal of General Chemistry*, **2016**, 86, 584-589 0-7