

Gennadii Borodkin

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164
papers

889
citations

15
h-index

20
g-index

190
ext. papers

1,020
ext. citations

1.7
avg, IF

3.56
L-index

#	Paper	IF	Citations
164	Synthesis, molecular and electronic structures of six-coordinate transition metal (Mn, Fe, Co, Ni, Cu, and Zn) complexes with redox-active 9-hydroxyphenoxazin-1-one ligands. <i>Inorganic Chemistry</i> , 2011 , 50, 7022-32	5.1	39
163	Photo- and thermochromic cation sensitive spiro[indoline-pyridobenzopyrans]. <i>Journal of Physical Organic Chemistry</i> , 2007 , 20, 908-916	2.1	37
162	Copper(II) dimers with ferromagnetic intra- and intermolecular exchange interactions. <i>Mendeleev Communications</i> , 2005 , 15, 133-135	1.9	33
161	Tautomeric crown-containing chemosensors for alkali-earth metal cations. <i>Tetrahedron</i> , 2008 , 64, 3160-3167	3.1	31
160	The novel azomethine ligands for binuclear copper(II) complexes with ferro- and antiferromagnetic properties. <i>Journal of Coordination Chemistry</i> , 2007 , 60, 1493-1511	1.6	25
159	Synthesis, structure, photo- and electroluminescent properties of zinc(II) complexes with aminomethylene derivatives of 1-phenyl-3-methyl-4-formylpyrazol-5-one and 3- and 6-aminoquinolines. <i>Synthetic Metals</i> , 2015 , 203, 156-163	3.6	24
158	New magnetically active metal complexes of tridentate Schiff bases of phenylazosalicylaldehyde. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2009 , 35, 486-491	1.6	24
157	SEArBNAr couplings of indolizines and related pyrrole derivatives with superelectrophilic nitrobenzoxadiazoles. <i>Tetrahedron</i> , 2010 , 66, 995-1006	2.4	22
156	10-Dimethylamino Derivatives of Benzo[h]quinoline and Benzo[h]quinazolines: Fluorescent Proton Sponge Analogues with Opposed peri-NMe ₂ /-N? Groups. How to Distinguish between Proton Sponges and Pseudo-Proton Sponges. <i>Journal of Organic Chemistry</i> , 2016 , 81, 5574-87	4.2	19
155	Towards multi-target antidiabetic agents: Discovery of biphenyl-benzimidazole conjugates as AMPK activators. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019 , 29, 2443-2447	2.9	19
154	Complexes of zinc(II) with N-[2-(hydroxyalkyliminomethyl)phenyl]-4-methylbenzenesulfonamides: synthesis, structure, photoluminescence properties and biological activity. <i>Polyhedron</i> , 2018 , 144, 249-258	2.7	18
153	Synthesis and structure of N-arylimines of tellurocyclohexenals with the intramolecular coordination N→Te bonds. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 103-116	2.3	18
152	Chemical and electrochemical synthesis, molecular structures, DFT calculations and optical properties of metal-chelates of 8-(2-tosylaminobenzilideneimino)quinoline. <i>Polyhedron</i> , 2016 , 107, 153-162	2.7	17
151	New ferro- and antiferromagnetic complexes of tridentate azomethines with copper. <i>Russian Journal of Inorganic Chemistry</i> , 2008 , 53, 1566-1572	1.5	16
150	Synthesis and biological properties of nitrobenzoxadiazole derivatives as potential nitrogen(ii) oxide donors: SOX induction, toxicity, genotoxicity, and DNA protective activity in experiments using Escherichia coli-based lux biosensors. <i>Russian Chemical Bulletin</i> , 2015 , 64, 1369-1377	1.7	15
149	XAFS study of metal chelates of phenylazo derivatives of Schiff bases. <i>Journal of Molecular Structure</i> , 2014 , 1061, 47-53	3.4	14
148	1,8,1',8'-Tetrakis(dimethylamino)-2,2'-dinaphthylmethanols: double in/out proton sponges with low-barrier hydrogen-bond switching. <i>Journal of Organic Chemistry</i> , 2010 , 75, 4706-15	4.2	14

147	Intramolecular Inversion of Configuration at Tetrahedral Carbon Centres in Dipolar Spiro- β -Complexes of Amino-, Diamino- and Aminothiotropones: a Dynamic NMR Spectral Study. <i>Mendeleev Communications</i> , 1994 , 4, 162-164	1.9	14
146	UiO-66 type MOFs with mixed-linkers - 1,4-Benzenedicarboxylate and 1,4-naphthalenedicarboxylate: Effect of the modulator and post-synthetic exchange. <i>Microporous and Mesoporous Materials</i> , 2020 , 305, 110324	5.3	14
145	1-amino-2-thiobenzimidazoleimines as novel ambidentate ligand systems. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2007 , 33, 176-183	1.6	13
144	Molecular design of new magnetically active copper complexes with heteroaromatic schiff bases and azo compounds. <i>Russian Journal of General Chemistry</i> , 2008 , 78, 1230-1235	0.7	13
143	Complexing properties of ambidentate benzo-15-crown-5-substituted azomethine ligands. <i>Russian Journal of General Chemistry</i> , 2006 , 76, 992-996	0.7	12
142	Synthesis, structure, photo- and electroluminescence studies of bis[2-(N-tosylamino)benzylidene-4?-dimethylaminophenylamino]zinc. <i>Russian Chemical Bulletin</i> , 2014 , 63, 1759-1764	1.7	11
141	Synthesis, XAFS and X-ray structural studies of mono- and binuclear metal-chelates of N,O,O(N,O,S) tridentate Schiff base pyrazole derived ligands. <i>Journal of Molecular Structure</i> , 2014 , 1064, 111-121	3.4	11
140	New magnetoactive copper complexes with Schiff bases. <i>Russian Journal of Inorganic Chemistry</i> , 2006 , 51, 1065-1070	1.5	11
139	Kinetics and mechanism of the enantiomerization of tetracoordinated boron chelate complexes. <i>Computational and Theoretical Chemistry</i> , 1989 , 200, 61-72		11
138	One-pot synthesis of 4-heteroaryl-1,2-dihydro-3-benzazepines from 3,4-dihydroisoquinolinium salts or pseudo bases. <i>Tetrahedron Letters</i> , 2017 , 58, 1233-1236	2	10
137	New β -aminovinylketonates with annealed 1,2-benzothiazine-1,1-dioxide fragment. <i>Polyhedron</i> , 2004 , 23, 1909-1914	2.7	10
136	Binuclear metallochelates of 2-(N-tosylamino)benzal-2 β -(hydroxymethyl)aniline: Syntheses, structures, and magnetic properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2016 , 42, 267-273	1.6	10
135	Synthesis, crystal structure, and electroluminescent properties of zinc and cadmium tetradentate azomethine complexes. <i>Russian Journal of Inorganic Chemistry</i> , 2014 , 59, 721-732	1.5	9
134	Oxidative transformations of peridazines. <i>Russian Journal of Organic Chemistry</i> , 2006 , 42, 278-287	0.7	9
133	Dehydration Rearrangements of Derivatives of Methylene-dihydrobenzofuran - a New Path to Substituted Benzofurans. <i>Chemistry of Heterocyclic Compounds</i> , 2002 , 38, 1174-1179	1.4	9
132	Novel synthesis of oxonine derivatives from 3-[(2-aminophenyl)amino]-5,5-dimethyl-2-cyclohexene-1-one and o-quinones. <i>Tetrahedron Letters</i> , 2012 , 53, 67-70	2	8
131	Reactions of Bunte salts with carbocations of isobenzofuranone and isoindolone. <i>Tetrahedron Letters</i> , 2011 , 52, 5444-5447	2	8
130	Electrochemical and chemical synthesis of new luminescent schiff base complexes. <i>Russian Journal of General Chemistry</i> , 2010 , 80, 292-300	0.7	8

129	Photoinitiated Rearrangements of 3-Phenylnorbornadiene with conjugated Substituents in 2-Position. <i>Molecular Crystals and Liquid Crystals</i> , 1997 , 297, 239-245		8
128	Recyclization of glaucine as a new route to litebamine derivatives. <i>Mendeleev Communications</i> , 2018 , 28, 58-60	1.9	7
127	Synthesis, structure, and spectral studies of zinc and cadmium complexes with 2-tosylaminobenzaldehyde and aminoquinoline azomethine derivatives. <i>Russian Chemical Bulletin</i> , 2014 , 63, 1753-1758	1.7	7
126	Reaction of 2-chloroindole-3-carbaldehyde with epihalogenohydrins. Tandem oxirane-opening/3-oxazole-closure process. <i>Tetrahedron</i> , 2011 , 67, 8775-8779	2.4	7
125	Metal chelates with salicylidene-3-carboethoxy-4,5-dimethylthiophene derivatives as azomethine ligands of a new type. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2006 , 32, 879-884	1.6	7
124	Synthesis and magnetic properties of new binuclear Cu(II) complexes with tridentate azomethine ligands. <i>Russian Journal of General Chemistry</i> , 2006 , 76, 1282-1287	0.7	7
123	Acylotropic Tautomerism: XXXV. RL-Inversion of Configuration of Dipolar Spirocyclic and Open-Chain 2-Arylamino tropone Isomers. <i>Russian Journal of Organic Chemistry</i> , 2002 , 38, 713-722	0.7	7
122	Reaction of 2-methyl-3,4-dihydro- β -carbolin-2-ium iodide with acylmethyl halides controlled by electronic effects: a new route to 1,2-dihydroazepino[4,5- <i>b</i>]indoles. <i>Mendeleev Communications</i> , 2018 , 28, 83-85	1.9	6
121	Photo- and ionochromic indoline spiropyran based on 7,8-dihydroxy-4-methyl-2-oxo-2H-chromene-6-carbaldehyde. <i>Russian Journal of Organic Chemistry</i> , 2011 , 47, 1370-1374	0.7	6
120	Direct chemical and electrochemical syntheses of coordination compounds of benzazolyl azo ligands. <i>Journal of Coordination Chemistry</i> , 2010 , 63, 917-930	1.6	6
119	Research in the field of imidazo[1,2- <i>a</i>]benzimidazole derivatives: XXVII. 1-acylmethyl-2-(β -hydroxyalkylamino)-benzimidazoles and their transformation into derivatives of tricyclic systems. <i>Russian Journal of Organic Chemistry</i> , 2010 , 46, 275-285	0.7	6
118	Biphotochromic Norbornadiene Systems. <i>Molecular Crystals and Liquid Crystals</i> , 1997 , 297, 247-253		6
117	4-(1-Alkylbenzimidazol-2-ylazo)-2-pyrazolin-5-ones: specific features of prototropic tautomerism. <i>Russian Chemical Bulletin</i> , 2008 , 57, 1496-1507	1.7	6
116	Novel tribochemically active metal chelates of aromatic azo ligands. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2006 , 32, 686-691	1.6	6
115	Synthesis and properties of photoacylotropic (2Z)-2-(N-acyl-N-arylaminomethylidene)benzo[<i>b</i>]thiophen-3(2H)-ones with a chiral migrating group. <i>Russian Chemical Bulletin</i> , 2005 , 54, 2783-2789	1.7	6
114	Perspective anti-thyroid drug 2-thioxo-5-(3,4,5-trimethoxybenzylidene) thiazolidin-4-one: X-ray and thermogravimetric characterization of two novel molecular adducts, obtained by interaction with I ₂ . <i>Journal of Molecular Structure</i> , 2019 , 1180, 629-635	3.4	6
113	Nitration of 3-methyl-1H-1,2-diazaphenalene and its n-substituted derivatives. <i>Russian Journal of Organic Chemistry</i> , 2015 , 51, 670-673	0.7	5
112	Tautomeric and non-tautomeric N-substituted 2-iminobenzimidazolines as new lead compounds for the design of anti-influenza drugs: An in vitro study. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 5796-5803	3.4	5

111	Synthesis, structure, and properties of new spirooxindolodibenzodiazepine derivatives. <i>Russian Chemical Bulletin</i> , 2013 , 62, 1409-1416	1.7	5
110	Spiropyrans and spirooxazines 10. Synthesis of photochromic 5?-(1,3-benzoxazol-2-yl)-substituted spiro[indoline-naphthopyrans]. <i>Russian Chemical Bulletin</i> , 2014 , 63, 1373-1377	1.7	5
109	Extreme magnetic separation of geminal protons in protonated N,N,N'-trimethyl-1,8-diaminonaphthalene. A puzzle of the fourth methyl group. <i>Organic Letters</i> , 2013 , 15, 2194-7	6.2	5
108	A new polycyclic system containing the 1,4-benzodiazepine and isoindolinone fragments: synthesis and structure. <i>Russian Chemical Bulletin</i> , 2011 , 60, 1729-1733	1.7	5
107	Metal complexes of 2-hetarylindandiones-1,3. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2008 , 34, 315-321	1.6	5
106	Preparation of Dialkylamino-Substituted Benzenes and Naphthalenes by Nucleophilic Replacement of Fluorine in the Corresponding Perfluoroaromatic Compounds. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2006 , 61, 615-625	1	5
105	Dipole Moment, Dynamic NMR, and Molecular Structure of Vinylogous 4H-Pyrones. <i>Liebigs Annalen Der Chemie</i> , 1985 , 1985, 1587-1595		5
104	Neutral Pyrrole Nitrogen Atom as a π and Mixed n, π Donor in Hydrogen Bonding. <i>Journal of Organic Chemistry</i> , 2019 , 84, 726-737	4.2	5
103	Nucleophilic Substitution of Hydrogen Atom in Initially Inactivated Pyrrole Ring. <i>Organic Letters</i> , 2019 , 21, 1953-1957	6.2	4
102	1-Acylmethylbenzimidazole-2-sulfonic acids and their cyclization by N-nucleophiles. <i>Russian Journal of Organic Chemistry</i> , 2014 , 50, 716-724	0.7	4
101	Base-promoted transformation of 2-C(O)R-1,8-bis(dimethylamino)naphthalenes into benzo[g]indole derivatives. <i>Mendeleev Communications</i> , 2015 , 25, 182-184	1.9	4
100	Coordination compounds of ambidentate 1-(H)alkyl-2-(2-pyridyl)benzimidazoles. Synthesis and crystal structure. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2010 , 36, 906-912	1.6	4
99	Structure of the oxidative dimerization product of 4,6-di(tert-butyl)pyrogallol. <i>Russian Chemical Bulletin</i> , 2007 , 56, 276-280	1.7	4
98	Magnetoactive binuclear copper(II) complexes based on π aminovinylimines. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2006 , 32, 287-296	1.6	4
97	Synthesis of 1,4-Benzoxazepine-3,5(2H,4H)-dione from Salicylamide. <i>Chemistry of Heterocyclic Compounds</i> , 2003 , 39, 1539-1540	1.4	4
96	New octahedral ZnII and CdII complexes based on azo derivatives and azomethines of pyrazole-5-thione. <i>Russian Chemical Bulletin</i> , 2005 , 54, 633-640	1.7	4
95	METAL CHELATES OF NEW LIGANDS: 1,2-BENZOTHIAZINE-1,1-DIOXIDE DERIVATIVES. <i>Journal of Coordination Chemistry</i> , 2001 , 54, 337-342	1.6	4
94	New indoline spiropyran with highly stable merocyanine forms. <i>Mendeleev Communications</i> , 2021 , 31, 403-406	1.9	4

93	1-Amino-2-hydrazinobenzimidazole and its reactions with some carbonyl compounds. <i>Russian Journal of Organic Chemistry</i> , 2014 , 50, 729-735	0.7	3
92	cis- and trans-planar four-coordinated palladium(II) azo-5-pyrazolone (thione) complexes with N2O2- and N2S2-ligand environment: Synthesis and structure. <i>Russian Journal of Inorganic Chemistry</i> , 2015 , 60, 1481-1486	1.5	3
91	Syntheses, structure, and tribological study of 1-phenyl-3-methyl-4-dodecyliminomethylenepyrazol-5-one and its complexes with copper(II). <i>Russian Journal of General Chemistry</i> , 2012 , 82, 1846-1854	0.7	3
90	Regioselectivity of N-substitution in bis-alkylation of 1,2,4-triazolo[1,5-a]benzimidazole-2-thione. <i>Russian Chemical Bulletin</i> , 2012 , 61, 1161-1168	1.7	3
89	5-amino-3,4-dihydro-2h-1,2,4-triazole-3-thiones. synthesis and chemosensor properties. <i>Chemistry of Heterocyclic Compounds</i> , 2010 , 46, 542-546	1.4	3
88	2-(2-pyridyl)-3-thioindan-1-one: Synthesis, tautomerism, and complexing properties. <i>Russian Journal of General Chemistry</i> , 2007 , 77, 1802-1806	0.7	3
87	Complex Compounds of Azomethines with an MN2S2 Five-membered Coordination Unit: Metal Chelates of 2-[[4-(3,5-Diphenyl-4,5-dihydropyrazol-1-yl)benzylidene]amino]benzenethiol. <i>Russian Journal of General Chemistry</i> , 2004 , 74, 772-775	0.7	3
86	A Model System for the Study of Competitive Coordination in Aminoheterocyclic Complexes. Molecular and Crystal Structure of 2-Amino-1-methyl-Benzimidazolium Chloride Hydrate. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2003 , 29, 519-523	1.6	3
85	The use of selective methods of heteronuclear NMR spectroscopy in studies of multicomponent systems. <i>Russian Chemical Reviews</i> , 2005 , 74, 317-337	6.8	3
84	Synthesis and structure of 1-[[3-hydroxybenzo[b]thiophen-2-yl)methylidene]-3-oxo-5-phenyl-1-pyrazolidinium-2-ide. <i>Doklady Chemistry</i> , 2016 , 471, 311-313	0.8	3
83	Benzenoid-quinoid tautomerism of azomethines and their structural analogs 56. Azomethine imines, derivatives of salicylic and 2-hydroxynaphthoic aldehydes. <i>Russian Chemical Bulletin</i> , 2016 , 65, 648-653	1.7	3
82	Reactions of 3,5-di-tert-butyl-1,2-benzoquinone with mercapto carboxylic acids. <i>Russian Chemical Bulletin</i> , 2016 , 65, 727-730	1.7	3
81	Spiropyrans and spirooxazines 12. Synthesis and complexation of a rhodamine-substituted spiro[benzopyran-indoline]. <i>Russian Chemical Bulletin</i> , 2016 , 65, 2895-2900	1.7	3
80	Reaction of 2-trifluoroacetyl-1,8-Bis(dimethylamino)naphthalene with strong organic bases: Deprotonation of 1-NMe2 group resulting in the formation of Benzo[g]indole derivatives versus nucleophilic addition to CO group. <i>Tetrahedron</i> , 2017 , 73, 3452-3457	2.4	2
79	Synthesis and complex formation of spirobenzopyranindolines containing rhodamine fragment. <i>Russian Journal of General Chemistry</i> , 2017 , 87, 1007-1014	0.7	2
78	Reactions of 1H-pyrano[3,4-c]pyran-7-ium perchlorates with ammonium acetate and amines: synthesis of 2,7-naphthyridines and pyrano[3,4-c]pyridinium salts. <i>Mendeleev Communications</i> , 2019 , 29, 432-434	1.9	2
77	Synthesis, Structure, and Spectral Properties of 3,5-Di-tert-butyl-1,2-benzoquinone 3-Hydroxynaphthoyl Hydrazone and Its Complexes with Zn(II), Cd(II), Ni(II), and Co(II). <i>Russian Journal of General Chemistry</i> , 2019 , 89, 727-735	0.7	2
76	Synthesis and Cyclization of 2-Amino- and 2-Methyl-Substituted 1,3-Diaminobenzimidazolium Salts. <i>Chemistry of Heterocyclic Compounds</i> , 2015 , 50, 1575-1585	1.4	2

75	New cascade transformations of 3-(2-aminophenyl-amino)-5,5-dimethyl-2-cyclohexen-1-one. <i>Mendeleev Communications</i> , 2015 , 25, 135-137	1.9	2
74	BenzoidQuinoid tautomerism of schiff bases and their structural analogs: LVII. 2-[(3-oxo-5-phenylpyrazolidin-1-yl)methylidene]-1H-indene-1,3(2H)-dione. <i>Russian Journal of Organic Chemistry</i> , 2016 , 52, 541-545	0.7	2
73	Photo- and ThermoChromic Spiropyrans 42.* The Effect of Structural Factors on the Photochromic Properties of Indolinospiro-Pyrans Containing a Condensed Furan Fragment. <i>Chemistry of Heterocyclic Compounds</i> , 2014 , 50, 734-741	1.4	2
72	Spectral and quantum-chemical investigation of ortho- and peri-hydroxy-substituted mono- and diformyl derivatives of 1,5-naphthalenediol. <i>Russian Journal of Organic Chemistry</i> , 2012 , 48, 241-248	0.7	2
71	2-aryl(hetaryl)-4H-[1,2,4]triazolo[1,5-a]benzimidazoles. <i>Russian Journal of Organic Chemistry</i> , 2013 , 49, 895-903	0.7	2
70	The first dipolar spirocycle based on 10-(benzylamino)colchicine. <i>Chemistry of Heterocyclic Compounds</i> , 2015 , 51, 948-950	1.4	2
69	Synthesis and structure of 2,2'-diaminodiphenylditelluride bis-imines. <i>Russian Chemical Bulletin</i> , 2013 , 62, 1809-1814	1.7	2
68	Synthesis and photochromic properties of N 2-alkyl-5-furyl-4-thienylpyridazinones. <i>Russian Chemical Bulletin</i> , 2011 , 60, 168-174	1.7	2
67	Tribologically active azomethine metal complexes. <i>Russian Journal of General Chemistry</i> , 2010 , 80, 982-986	1.7	2
66	Synthesis, structures, and properties of spiro[6-azaperimidine-2,4'-cyclohexa-2',5'-dien]-1'-one derivatives. <i>Russian Chemical Bulletin</i> , 1997 , 46, 1924-1930	1.7	2
65	2-(2-Pyridyl)indandione-1,3 and its zinc(II) and nickel(II) complexes: Synthesis and physicochemical characterization. <i>Russian Journal of Inorganic Chemistry</i> , 2006 , 51, 1548-1551	1.5	2
64	Photoisomerization of quinolin-2-yl derivatives of Etropolone. <i>Russian Chemical Bulletin</i> , 2006 , 55, 484-491	1.7	2
63	Vinamidinium salts of N-substituted aminoacetic acids. <i>Russian Chemical Bulletin</i> , 2006 , 55, 860-864	1.7	2
62	A Study of Competitive Coordination of Benzochalcogenazole Ligands by Heteronuclear NMR Spectroscopy. <i>Russian Journal of General Chemistry</i> , 2003 , 73, 1810-1814	0.7	2
61	Photochromic and thermoChromic spiranes. 19. 2-thioxo-3-phenyl-5,5-diivietiiylspiro (1,3-oxazolidine-4,2'-[2h]chromenes). <i>Chemistry of Heterocyclic Compounds</i> , 1995 , 31, 1096-1102	1.4	2
60	1,3-dioxenium cations: Synthesis, structure and topomerization. <i>Journal of Physical Organic Chemistry</i> , 1996 , 9, 129-136	2.1	2
59	Combination of nonselective and selective excitation in NMR experiments of discriminating and assigning spin systems. <i>Applied Magnetic Resonance</i> , 1993 , 5, 69-75	0.8	2
58	Novel N-benzimidazolyl-2-thione o-tosylamino(hydroxy)azomethinic tautomeric ligand systems and their metallochelates. <i>Arkivoc</i> , 2005 , 2005, 82-90	0.9	2

57	Novel derivatives of 3,5-di-tert-butylpyrocatechol with pharmacophore substituents. <i>Russian Chemical Bulletin</i> , 2019 , 68, 2290-2297	1.7	2
56	Synthesis of 1,2,4-triazolo[5 η ,1 ζ :2,3][1,3]thiazino[6,5-b]indol-10(5H)-ones based on 2-chloro-1H-indole-3-carbaldehyde. <i>Tetrahedron Letters</i> , 2020 , 61, 152490	2	2
55	Synthesis, Structure and Redox Properties of Cu(II) Chelate Complexes on the Basis of 2-(Hydroxyphenyl)-1H-benzo[d]imidazol-1-yl Phenol Ligands. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 2055-2062	2.3	2
54	Synthesis and structure of enaminketones of pyrazole containing 2-thione(selenone)benzimidazolyl fragments and their zinc and cadmium complexes. <i>Russian Journal of General Chemistry</i> , 2016 , 86, 876-884	0.7	2
53	The novel structural modification of pyridoxal via its cyclization into 2-acyl- and 2-heteroaryl-furo[2,3-c]pyridines. <i>Mendeleev Communications</i> , 2019 , 29, 116-118	1.9	1
52	Uncommon condensations of 1,2,3-triketone 2-oximes with o-phenylenediamine. <i>Mendeleev Communications</i> , 2019 , 29, 111-113	1.9	1
51	Synthesis, structure, spectroscopic studies and magnetic properties of Cu ₂ N ₂ O ₄ -, Cu ₂ N ₂ O ₂ (S ₂)-, Cu ₂ N ₂ S ₄ -chromophores based on aminomethylene derivatives of pyrazole-5-one(thione). <i>Polyhedron</i> , 2020 , 188, 114623	2.7	1
50	Two-dimensional correlation NMR study of the structure of by-product in the reaction of 2-methylquinoline with 3,5-di-tert-butyl-1,2-benzoquinone. <i>Russian Journal of Organic Chemistry</i> , 2016 , 52, 1007-1011	0.7	1
49	Acid-catalyzed reactions of alloxan with compounds containing an activated alkyl group. <i>Russian Journal of Organic Chemistry</i> , 2016 , 52, 1026-1031	0.7	1
48	Studies of Imidazo[1,2-a]Benzimidazoles 31*. Synthesis of 3-(9H-Imidazo[1,2-a]Benzimidazol-3-yl)Acrylic Acids. <i>Chemistry of Heterocyclic Compounds</i> , 2013 , 49, 1285-1288	1.4	1
47	Cyclization of 1-amino-2-hydrazinobenzimidazole treated with carbon disulfide. Synthesis of 9-amino-2,9-dihydro-3H-[1,2,4]triazolo[4,3-b]benzimidazole-3-thione and its derivatives. <i>Russian Journal of Organic Chemistry</i> , 2017 , 53, 746-752	0.7	1
46	Structural studies of conformers of 3-(N-acetyl-N-arylamino)tropones by heteronuclear, two-dimensional, and dynamic NMR spectroscopy and X-ray diffraction analysis. <i>Russian Chemical Bulletin</i> , 2015 , 64, 650-657	1.7	1
45	Heteronuclear NMR spectroscopy in the coordination chemistry. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2011 , 37, 565-571	1.6	1
44	2-Aminothiophene derivatives in a novel synthesis of phthalimidines. <i>Russian Chemical Bulletin</i> , 2011 , 60, 352-360	1.7	1
43	Copper complexes with N-aminotriazolethione azomethines: Structures and magnetochemical properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2010 , 36, 189-197	1.6	1
42	Azomethyne derivatives of 1,3-benzothiazine 1,1-dioxide. <i>Chemistry of Heterocyclic Compounds</i> , 2010 , 46, 600-604	1.4	1
41	Photochemical Generation, Photochromism and Photocyclization of 2-Norbornadenyl Substituted Benzo-1,3-Oxazoles. <i>Molecular Crystals and Liquid Crystals</i> , 1997 , 297, 233-237		1
40	Metal Complexes with Novel Ambidentate Ligands: β -Enaminovinylketones with Annelated 1,2-Benzothiazine-1,1-Dioxide Fragment and Antipyrine Substituent. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2004 , 30, 221-223	1.6	1

39	Exchange Processes in Pb(II) Complexes. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2002 , 28, 170-174	1.6	1
38	Chiral photochromic 2-(N-acyl-N-arylamino)methylene)benzo[b]thiophen-3(2H)-ones. <i>Russian Chemical Bulletin</i> , 2003 , 52, 1800-1806	1.7	1
37	peri-Naphthylenediamines. 33. Further studies of the reactions of 1,8-bis(dimethylamino)naphthalene with trifluoroacetic anhydride. <i>Russian Chemical Bulletin</i> , 2001 , 50, 860-864	1.7	1
36	Structure and Properties of the Condensation Product of 2-Oxo-1,2-dihydroquinoline-3-carbaldehyde with Stearic Acid Hydrazide and Its Complexes with Cu(II) and Ni(II). <i>Russian Journal of General Chemistry</i> , 2021 , 91, 1687-1696	0.7	1
35	A general method for the synthesis of heterocyclic dithiocarboxylate betaines: Potential precursors of NHC based on a novel type of functionalization of the methyl group. <i>Tetrahedron Letters</i> , 2020 , 61, 152228	2	1
34	Synthesis, structure, and properties of 2-[(4,6-di-tert-butyl-2,3-dihydroxyphenyl)thio]acetic acid amides. <i>Russian Chemical Bulletin</i> , 2021 , 70, 1368-1376	1.7	1
33	New Tridentate Schiff Base, Product of Condensation of 4-Methyl-7-hydroxy-8-formylcoumarin and N-Aminomercaptotriazole: Synthesis, Structure, and Complex Formation. <i>Russian Journal of General Chemistry</i> , 2018 , 88, 1441-1450	0.7	1
32	Synthesis and Complex Formation of Rhodamine-Substituted Spirobenzopyranindolines. <i>Russian Journal of General Chemistry</i> , 2018 , 88, 968-972	0.7	1
31	Nitration of 2,3-dihydroimidazo[1,2-a]benzimidazole and its N 9-substituted derivatives. <i>Mendeleev Communications</i> , 2021 , 31, 555-557	1.9	1
30	Systems with annulated thioxo azepinone moiety: an access through heterocyclic carbodithioate ring expansion. <i>Mendeleev Communications</i> , 2021 , 31, 545-547	1.9	1
29	Thiourea assisted recyclization of 1-(chloromethyl)dihydroisoquinolines: a convenient route to α -thiazolylaryl)ethylamines. <i>Mendeleev Communications</i> , 2021 , 31, 125-127	1.9	1
28	Ring-ring isomerization in the series of N-(carbamoyl)-1-aryl-2,3,4,5,6,7-hexahydro-3-hydroxy-6,6-dimethyl-2,4-dioxo-1H-indole-3-carboxamides. <i>Russian Chemical Bulletin</i> , 2015 , 64, 664-667	1.7	0
27	Photo- and thermochromic spirans 36.* Synthesis, structure and photochromic properties of 7',7''-(1,4-phenylenedi(methylene)-bis(5-chloro-1,3,3-trimethyl-1,3-dihydrospiro-[indole-2,3'-pyrano[3,2-f]quinolinium])) diiodide. <i>Chemistry of Heterocyclic Compounds</i> , 2012 , 48, 1090-1097	1.7	0
26	Novel polychromogenic fluorine-substituted spiroopyrans demonstrating either uni- or bidirectional photochromism as multipurpose molecular switches. <i>Dyes and Pigments</i> , 2022 , 199, 110043	4.6	0
25	Rational Functionalization of UiO-66 with Pd Nanoparticles: Synthesis and In Situ Fourier-Transform Infrared Monitoring.. <i>Inorganic Chemistry</i> , 2022 , 61, 3875-3885	5.1	0
24	New type of recyclization in 3,4-dihydroisoquinolines in the synthesis of α -indazolylaryl)ethylamines and their 7-azaindazolyl analogues. <i>Mendeleev Communications</i> , 2022 , 32, 265-267	1.9	0
23	Opianic Acid in the Synthesis of Benzimidazole Derivatives. <i>Chemistry of Natural Compounds</i> , 2017 , 53, 118-120	0.7	
22	Unexpected synthesis of a novel heterocyclic system \square (7E,10aE)-2,7-Dimethylfuro[3?,4?:6,7]cycloocta[1,2,3-cd]indole-8,10(2H,6H)-dione. <i>Tetrahedron Letters</i> , 2017 , 58, 2648-2650	2	

- 21 Trifluoroacetylation of N-Substituted 1H-1,2-Diazaphenalenenes of the Naphthalene and Acenaphthene Series. *Russian Journal of Organic Chemistry*, **2019**, 55, 87-92 0.7
- 20 Application of selective two-dimensional exchange NMR spectroscopy to the study of molecular dynamic processes. *Russian Journal of Physical Chemistry B*, **2015**, 9, 172-184 1.2
- 19 Reactions of 2-aminopyrrole derivatives with o-formylbenzoic acid. *Russian Chemical Bulletin*, **2015**, 64, 410-414 1.7
- 18 Synthesis and structural studies of 5,7(4,6)-di(tert-butyl)-2-(6,8-dimethyl-4-chloroquinolin-2-yl)-1,3-tropolones by quantum-chemical methods and two-dimensional correlation NMR spectroscopy. *Doklady Chemistry*, **2017**, 472, 11-16 0.8
- 17 Selective excitation of single lines of a multiplet for interpretation of spectra of complex multicomponent systems. *Russian Journal of Physical Chemistry B*, **2017**, 11, 228-232 1.2
- 16 Direct Electrochemical Synthesis of a Nickel Complex with 5,10,15,20-Tetrakis(p-Hydroxyphenyl) Porphyrin. *Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry*, **2008**, 38, 503-513
- 15 Unusual reactions of 2-methyltellurocyclohexene-1-carbaldehyde with phenacyl bromides. *Russian Chemical Bulletin*, **2006**, 55, 177-178 1.7
- 14 β Aminovinyl ketonates with heterocyclic fragments. *Russian Journal of General Chemistry*, **2004**, 74, 1585-1590 0.7
- 13 Selective two-dimensional exchange NMR spectroscopy and its application to the study of molecular dynamics processes: MUSEX EXSY experiment. *Applied Magnetic Resonance*, **1999**, 16, 309-315^{0.8}
- 12 O-Tosylaminobenzaldehyde amins in the synthesis of 1,3-disubstituted propargylamines, derivatives of 3H-2-vinylidene-3-aminoindoline and quinoline. *Russian Chemical Bulletin*, **1995**, 44, 2142-2146^{1.7}
- 11 Synthesis and stereochemical nonrigidity of isomeric Zn(ii)bis-[N-isopropoxy(mercapto)naphthaldimines]. *Russian Chemical Bulletin*, **1995**, 44, 2168-2171 1.7
- 10 PMR study of the degenerate electron transfer between 1,2,3-trimethyl-2-phenylbenzimidazoline and its cation radical. *Theoretical and Experimental Chemistry*, **1991**, 26, 618-623 1.3
- 9 Selective two-dimensional exchange NMR spectroscopy and its applications to the study of molecular dynamic processes. 1. Multiplet-selective excitation. *Journal of Magnetic Resonance*, **1992**, 96, 131-135
- 8 ¹H fourier nmr spectra in protonic solvents using a selective pulse sequence. *Theoretical and Experimental Chemistry*, **1983**, 19, 110-111 1.3
- 7 A new family of 1,4-diaryl-1,3-butadiynes based on the β proton sponge synthesis, electronic and chemical properties. *New Journal of Chemistry*, **2022**, 46, 1829-1838 3.6
- 6 Local Atomic Structure and Magnetic Properties of Cu(II), Co(II), and Zn(II) 1-(2-Hydroxybenzylideneamino)benzimidazolinone-2 Complexes. *Journal of Surface Investigation*, **2021**, 15, 1004-1011 0.5
- 5 An unusual acetylene-ellene rearrangement in iodomethylates of cotarnine acetylene derivatives. *Mendeleev Communications*, **2021**, 31, 251-253 1.9
- 4 1-Allyl- and 1-(2-Bromopropyl)-2-amino-3-carboxy(carbalkoxy)methylbenzimidazolium Quaternary Salts in the Synthesis of Imidazo[1,2-a]benzimidazole Derivatives. *Russian Journal of General Chemistry*, **2021**, 91, 1271-1281 0.7

- 3 Synthesis of 9-Substituted Imidazo[1,2-a]benzimidazoles Containing a 5-Nitrofuranyl Fragment. *Russian Journal of Organic Chemistry*, **2019**, 55, 1547-1553 0.7
- 2 New Acylhydrazones of Indole Series and Their Metal Complexes. *Russian Journal of General Chemistry*, **2018**, 88, 962-967 0.7
- 1 Synthesis, Structure, and Properties of Copper(II), Nickel(II), and Cobalt(II) Ketoiminate Chelates. Molecular and Crystal Structures of Bis[2-nitro-3-(8-quinolylimino)prop-1-enoxy]cobalt(II). *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2022**, 48, 210-217 1.6