

Igor N Shcherbakov

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#	Paper	IF	Citations
166	Metal complexes with polyfunctional ligands based of bis(hydrazones) of dicarbonyl compounds. <i>Russian Chemical Reviews</i> , 2009 , 78, 643-658	6.8	58
165	Mixed ligand complex via zinc(II)-mediated in situ oxidative heterocyclization of hydrochloride salt of 2-chlorobenzaldehyde hydralazine hydrazone as potential of antihypertensive agent. <i>European Journal of Medicinal Chemistry</i> , 2014 , 73, 38-45	6.8	51
164	Magnetic exchange in Bi- and polynuclear complexes of transition metals with hydrazones and azomethines. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2010 , 36, 401-429	1.6	50
163	Binuclear copper(II) complexes of Schiff base ligand derived from 1-phenyl-3-methyl-4-formylpyrazol-5-one and 1,3-diaminopropan-2-ol: Synthesis, structure and magnetic properties. <i>Inorganic Chemistry Communication</i> , 2012 , 17, 1-4	3.1	34
162	The magnetic exchange interaction via N π -O-bonding in copper(II) complex with 1-phenyl-3-methyl-4-formylpyrazol-5-one 2-quinolylylhydrazone. <i>Inorganica Chimica Acta</i> , 2013 , 405, 169-175	2.7	34
161	Physico-chemical study of first row transition metal ions coordination compounds with N,N'-bis(2-tosylaminobenzylidene)-1,3-diaminopropanol. The crystal structure of bis-azomethine and its cobalt(II) complex. <i>Inorganica Chimica Acta</i> , 2009 , 362, 1673-1680	2.7	34
160	Binuclear copper(II) and oxovanadium(IV) complexes with 2,6-diformyl-4-tert-butylphenol-bis-(1-phthalazinylhydrazone). Synthesis, properties and quantum chemical study. <i>Journal of Coordination Chemistry</i> , 2008 , 61, 392-409	1.6	31
159	1-Hydrazinophthalazine based hydrazones and their transition metal complexes: Structure and biological activity. <i>Russian Journal of General Chemistry</i> , 2009 , 79, 2767-2775	0.7	27
158	Triggering the Sign of Magnetic Exchange Coupling in a Dinuclear Copper(II) Complex by Solvent Molecule Coordination. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, n/a-n/a	2.3	22
157	Transition metal complexes with 2-(N-tosylamino)benzaldehyde 1-phthalazinylhydrazone. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2011 , 37, 483-491	1.6	20
156	Synthesis, crystal structure, magnetic properties and DFT study of dinuclear Ni(II) complex with the condensation product of 2-quinolinecarboxaldehyde and Girard T reagent. <i>Polyhedron</i> , 2017 , 128, 30-37	2.7	18
155	Field-induced single-ion magnet behaviour of a hexacoordinated Co(ii) complex with easy-axis-type magnetic anisotropy. <i>Dalton Transactions</i> , 2019 , 48, 6960-6970	4.3	18
154	Effect of the nature of non-bridging donor atoms on the structure and magnetic properties of binuclear copper(II) complexes with heterocyclic azomethyne ligands. <i>Journal of Structural Chemistry</i> , 2015 , 56, 113-120	0.9	16
153	Modern studies in the area of molecular magnets: State, problems, and prospects. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2015 , 41, 1-15	1.6	16
152	Photochemical reaction of amino acid Schiff base derived Cu complexes with extended π -system and their titanium oxide composites. <i>Inorganica Chimica Acta</i> , 2019 , 486, 221-231	2.7	16
151	1-Phthalazine hydrazone of diacetyl monooxime and its complexes with transition metals: Physicochemical and theoretical study. <i>Russian Journal of General Chemistry</i> , 2010 , 80, 493-500	0.7	15
150	Binaphthyl-containing Schiff base complexes with carboxyl groups for dye sensitized solar cell: An experimental and theoretical study. <i>Journal of Molecular Structure</i> , 2018 , 1162, 54-62	3.4	14

149	Influence of the bridging coordination of DMSO on the exchange interaction character in the binuclear copper(II) complex with the nonsymmetrical exchange fragment. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2014 , 40, 523-530	1.6	14
148	X-ray absorption spectroscopic and magneto-chemical analysis of the atomic structure of copper(II) complexes with diacetyl monoxime 1?-phthalazinyl hydrazone. <i>Journal of Structural Chemistry</i> , 2012 , 53, 295-305	0.9	12
147	Synthesis, IR, UV/vis-, (1)H NMR and DFT study of chelatophore functionalized 1,3-benzoxazinone spiropyran. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008 , 71, 1146-52	4.4	12
146	New Metal Chelates with Sterically Hindered Azo Ligands: Synthesis and Physicochemical Properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2005 , 31, 533-540	1.6	12
145	Crystal structure of 2-acetylbenzimidazole 1?-phthalazinylhydrazone. <i>Russian Journal of General Chemistry</i> , 2012 , 82, 465-467	0.7	11
144	Peculiarities of magnetic exchange in bi- and tetranuclear copper(II) complexes with organic ligands based on 1,3-diaminopropan-2-ol. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2017 , 43, 1-20	1.6	11
143	Synthesis, characterization, DFT calculations and antimicrobial activity of pentagonal-bipyramidal Zn(II) and Cd(II) complexes with 2,6-diacetylpyridine-bis(trimethylammoniumacetohydrazone). <i>Journal of Coordination Chemistry</i> , 2016 , 69, 2754-2765	1.6	10
142	Binuclear copper(II) complex with bis(azomethine) based on 1,3-diaminopropan-2-ol and 4-hydroxy-3-formylcoumarin: Crystal structure and magnetic properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2015 , 41, 69-75	1.6	10
141	Crystal structure and magnetic properties of binuclear Dy(III) complexes with 4-substituted 2,6-diformylphenol bis(acylhydrazones). <i>Mendeleev Communications</i> , 2014 , 24, 219-221	1.9	9
140	Photo-induced reduction of Cr ⁶⁺ by the hybrid systems $\text{TiO}_2/\text{TiO}_2$ complex with Schiff base and TiO_2 dependence on irradiation wavelength. <i>Russian Chemical Bulletin</i> , 2017 , 66, 2057-2065	1.7	9
139	Crystal structure and magnetic properties of the binuclear copper(II) complex based on 1,3-diaminopropan-2-ol N,N?-bis(3-formyl-5-tert-butylsalicylidene). <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2011 , 37, 552-555	1.6	9
138	2-Acetylbenzimidazole phthalazin-1-ylhydrazone and its complexes with transition metals. <i>Russian Journal of General Chemistry</i> , 2010 , 80, 2501-2511	0.7	9
137	Synthesis, structure, and complexing ability of hetarylhydrazones of glyoxylic acid. <i>Russian Journal of General Chemistry</i> , 2011 , 81, 1691-1698	0.7	8
136	Solvent mediated reaction of 1-methyl-1H-tetrazoline-5-thione with iodine. <i>Structural Chemistry</i> , 2011 , 22, 313-317	1.8	8
135	. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2002 , 28, 222-225	1.6	8
134	Structure and Magnetic Characteristics of New Binuclear Complexes Based on Bisbenzoylhydrazones of 2,6-Diformyl-4-R-phenols and Copper(II) Nitrate. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2001 , 27, 135-137	1.6	8
133	Computational study of exchange coupling in homo- and heterometallic oxo- and carboxylato bridged trinuclear complexes with triangular $\{\text{Fe}^{\text{III}}_2\text{M}(\text{O})\}$ (M = Fe ^{III} , Ni ^{II} , Co ^{II}) core. <i>Inorganica Chimica Acta</i> , 2014 , 421, 507-512	2.7	7
132	Binuclear complexes of copper(II) with 1?-phthalazinylhydrazones of substituted salicylic aldehydes: Physico-chemical study and quantum-chemical simulation. <i>Russian Journal of General Chemistry</i> , 2014 , 84, 1970-1978	0.7	7

131	A new ligand system based on 7?-hydroxy-3-methyl-8?-formyl-3,4-dihydro-2H-1,3-benzoxazine-2-spiro-2(H)-chromene Ferrocenoylhydrazone. <i>Russian Journal of General Chemistry</i> , 2012 , 82, 1457-1460	0.7	7
130	Tetranuclear Copper(II) Complex with N,N?-bis(2-N-Tosylaminobenzylidene)-1,3-Diaminopropan-2-ol: Crystal structure and magnetic properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2013 , 39, 342-346	1.6	7
129	Specificity of complex formation of benzoin (phthalazin-1-yl)hydrazone with copper(II) and nickel(II): Physicochemical study and quantum-chemical simulation. <i>Russian Journal of General Chemistry</i> , 2009 , 79, 826-832	0.7	7
128	Atomic structure of the copper bromide complex based on benzoin 1?-phthalazinylhydrazone: DFT and X-ray absorption spectroscopy analysis. <i>Journal of Structural Chemistry</i> , 2010 , 51, 1075-1080	0.9	7
127	Protolytic properties of 8-quinolyhydrazones of substituted salicylaldehydes and physicochemical properties of their copper(II) complexes. <i>Russian Journal of General Chemistry</i> , 2007 , 77, 1284-1292	0.7	7
126	Synthesis, structure, and complexing ability of pyrrole-2-carbaldehyde ferrocenoylhydrazone. <i>Russian Journal of General Chemistry</i> , 2008 , 78, 1586-1593	0.7	7
125	Photochemical reduction of Cr(VI) compounds by amino acid Schiff base copper complexes with a hydroxyl group and titanium oxide composites in aqueous solutions. <i>New Journal of Chemistry</i> , 2020 , 44, 16665-16674	3.6	7
124	Molecular and crystal structure of iron(III) and nickel(II) complexes with 1?-phthalazinylhydrazones of heterocyclic carbonyl compounds. <i>Journal of Structural Chemistry</i> , 2015 , 56, 102-107	0.9	6
123	Structural, EPR spectroscopic, and magnetochemical study of hydrogen-bonded dimeric copper(II) complexes with hetaryl hydrazones. <i>Russian Journal of Inorganic Chemistry</i> , 2015 , 60, 1129-1136	1.5	6
122	Tetranuclear copper(II) complex with the heterocyclic azomethine ligand: Crystal structure and magnetic properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2014 , 40, 69-76	1.6	6
121	Copper(II) and nickel(II) complexes with bis(azomethine)≡ condensation product of 1-phenyl-3-methyl-4-formyl-5-mercaptopyrazole with 1,3-diaminopropan-2-ol. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2014 , 40, 599-606	1.6	6
120	Polymeric copper(II) complexes with 4-formyl-3-methyl-1-phenylpyrazol-5-one hetarylhydrazones: Synthesis and crystal structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2013 , 39, 849-856	1.6	6
119	Crystal structure and magnetic properties of a tetranuclear carbonate-bridged CuII complex with a Schiff base compartmental ligand with the N2OS2 donor set. <i>Mendeleev Communications</i> , 2015 , 25, 62-64	1.9	6
118	2-(N-tosylamino)benzaldehyde thiobenzoylhydrazone and its complexes with copper(II) and zinc(II): Synthesis and structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2013 , 39, 367-372	1.6	6
117	Combined Experimental and Theoretical Investigation of the Origin of Magnetic Anisotropy in Pentagonal Bipyramidal Isothiocyanato Co(II), Ni(II), and Fe(III) Complexes with Quaternary-Ammonium-Functionalized 2,6-Diacetylpyridine Bisacylhydrazone. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 31142-31155	3.8	6
116	Controlled Molecular Magnetism of Bi- and Polynuclear Transition Metal Complexes Based on Hydrazones, Azomethines, and Their Analogs. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019 , 45, 163-187	1.6	5
115	Adsorption studies of divalent, dinuclear coordination complexes as molecular spacers on SWCNTs. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 29566-73	3.6	5
114	XPS study of the electronic structure of heterometallic complexes [Fe2MO(O2CCH3)6(H2O)3] □ 3H2O (M = Co, Ni). <i>Russian Journal of Inorganic Chemistry</i> , 2014 , 59, 670-677	1.5	5

113	Spectroscopic study of interaction of 1H-1,2,4-triazoline-3-thione with molecular iodine. <i>Russian Journal of General Chemistry</i> , 2013 , 83, 986-988	0.7	5
112	XPS study of the electronic structure of heterometallic complexes Fe ₂ MO(Piv) ₆ (HPiv) ₃ (M = Ni, Co). <i>Russian Journal of Inorganic Chemistry</i> , 2013 , 58, 945-950	1.5	5
111	Synthesis, structure, and properties of a new phosphorus-containing Schiff base, a derivative of pyrazole-5-one. <i>Russian Journal of General Chemistry</i> , 2013 , 83, 1376-1382	0.7	5
110	Transition metal complexes with 2,6-Di-tert-butyl-p-quinone 1?-phthalazinylhydrazone. <i>Russian Journal of General Chemistry</i> , 2013 , 83, 1928-1936	0.7	5
109	Iron(II) and ruthenium(II) complexes with polypyridine derivatives as sensitizers for DSSC: the structure and spectral properties, as studied by quantum chemistry methods. <i>Russian Chemical Bulletin</i> , 2017 , 66, 23-29	1.7	5
108	Physicochemical study on bis-hydrazone derived from 1,3-diaminoguanidine and salicylaldehyde and its complexes with transition metals. <i>Russian Journal of General Chemistry</i> , 2008 , 78, 2094-2099	0.7	5
107	The effect of substituents in ligands and of anionic composition on the exchange interaction in binuclear Cu(II) complexes based on 2,6-diformyl-4-methylphenol. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2006 , 32, 676-679	1.6	5
106	Spectrokinetic Studies of the Products of Conversion of Natural Phenols in Radical Reactions. <i>Kinetics and Catalysis</i> , 2019 , 60, 28-36	1.5	4
105	Fine-Tuning of Uniaxial Anisotropy and Slow Relaxation of Magnetization in the Hexacoordinate Co(II) Complexes with Acidoligands. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 25957-25966	3.8	4
104	Local atomic structure of mono- and binuclear metal complexes based on 3-formylpyrone and 3-formylcoumarin bis-azomethines. <i>Journal of Structural Chemistry</i> , 2017 , 58, 1226-1235	0.9	4
103	Copper(II), nickel(II), and zinc(II) complexes with o-tosylaminobenzaldehyde 4,6-dimethylpyrimidyl hydrazone. <i>Russian Journal of Inorganic Chemistry</i> , 2017 , 62, 893-899	1.5	4
102	The magnetic exchange interaction in bi- and tetranuclear copper(II) complexes with the bis-azomethine of 1,3-diaminopropanol-2 and 4-hydroxy-3-formylcoumarin with an azide exogenous bridge. <i>Polyhedron</i> , 2017 , 135, 237-246	2.7	4
101	Supercoiling as a physical mechanism providing a macroscopic scale in supramolecular strings. <i>Russian Journal of Physical Chemistry B</i> , 2014 , 8, 801-806	1.2	4
100	Synthesis and physico-chemical study of complexation of glyoxylic acid aroylhydrazones with Cu(II) in solution and solid phase. <i>Journal of Coordination Chemistry</i> , 2011 , 64, 1963-1976	1.6	4
99	Synthesis, photochromism, and complex-forming ability of p-tosylaminobenzylideneaminospironaphthooxazine. <i>Russian Chemical Bulletin</i> , 2009 , 58, 974-977	1.7	4
98	Crystal Structure and Magnetic Properties of Copper(II) and Nickel(II) Binuclear Complexes with Bisacylhydrazones Based on 2,6-Diformyl-4-methylphenol. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009 , 635, 530-536	1.3	4
97	A novel chelatofore functionalized spiropyran of the 2-oxaindane series. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2009 , 65, o618-20		4
96	Physicochemical study of binuclear copper(II), oxovanadium(IV), and iron(III) complexes with bis-1?-phthalazinylhydrazone of 2,6-diformyl-4-tert-butylphenol. <i>Russian Journal of General Chemistry</i> , 2010 , 80, 1853-1859	0.7	4

95	Synthesis, structure, and properties of phosphorus-containing bis(amidrazones). <i>Russian Journal of General Chemistry</i> , 2006 , 76, 1219-1225	0.7	4
94	Influence of non-bridging donor atoms on the value of exchange interaction in binuclear Cu(II) complexes with bis-hydrazones based on 2,6-diformylphenol. <i>Russian Chemical Bulletin</i> , 2018 , 67, 1167-1172	1.7	4
93	Transition State Structure and Mechanism of the Reaction of Hydroxybenzenes with N-Centered Radical in Non-Ionizing Media. <i>Russian Journal of General Chemistry</i> , 2018 , 88, 1351-1362	0.7	4
92	Synthesis, characterization and antimicrobial activity of α -aminovinylphosphonium salts derived from aromatic amino acids. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017 , 192, 1079-1083	1	3
91	The effect of the medium polarity on the mechanism of the reaction of hydroxybenzenes with hydrazyl radical in aprotic solvents. <i>Russian Journal of General Chemistry</i> , 2017 , 87, 690-697	0.7	3
90	Spectral and theoretical study of 2-methyl-3-[(Z)-3-methyl-5-oxo-1-phenylpyrazol-4-ylidene]methyl]amino}quinazolin-4-one and its complexes with metal ions M(II). <i>Russian Journal of General Chemistry</i> , 2015 , 85, 1706-1712	0.7	3
89	Crystal Structure of the Polymer Copper(II) Complex with 1-Phenyl-3-Methyl-4-Formyl-5-Hydroxypyrazole Hetarylhydrazone. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2018 , 44, 132-137	1.6	3
88	Theoretical and experimental study of triphenylphosphonium Schiff base of 5-hydroxy-3-methyl-1-phenyl-4-formylpyrazole. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2018 , 193, 375-381	1	3
87	Bifunctional terpyridine/ o -hydroxyimine chemosensors. <i>Journal of Molecular Structure</i> , 2018 , 1154, 219-224	3.4	3
86	2-N-Tosylaminobenzaldehyde ferrocenoylhydrazone and its nickel(II) complex: Molecular and crystal structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2014 , 40, 806-812	1.6	3
85	3,5-di-tert-butyl-1,4-benzoquinone ferrocenoylhydrazone and its zinc(II), palladium(II), and mercury(II) complexes: Structure and properties. <i>Russian Journal of General Chemistry</i> , 2012 , 82, 131-137	0.7	3
84	Crystal structure of the polycyclic oxidation product of 1?-phthalazinylhydrazone of 2-formylpyrrole. <i>Journal of Structural Chemistry</i> , 2013 , 54, 619-623	0.9	3
83	Crystal structure of bis-Isonicotinoyl hydrazone of 2,5-diformylpyrrole. <i>Journal of Structural Chemistry</i> , 2013 , 54, 592-597	0.9	3
82	Crystal structure and magnetic properties of the binuclear copper(II) complex with 2,6-diformyl-4-tert-butylphenol bis(imidazolinyhydrazone). <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2013 , 39, 493-499	1.6	3
81	Synthesis, characterization and crystal structures of Ni(II) and Cu(I) complexes with the condensation product of 2-(diphenylphosphino)benzaldehyde and 1-hydrazinophthalazine. <i>Polyhedron</i> , 2017 , 121, 278-284	2.7	3
80	Influence of the number of anchor groups on the photophysical properties of coordination compounds as components of dye-sensitized solar cells. <i>Russian Chemical Bulletin</i> , 2015 , 64, 1801-1807	1.7	3
79	Binuclear copper(ii) and nickel(ii) complexes based on N,N'-bis(3-formyl-5-tert-butylsalicylidene)-1,3-diaminopropan-2-ol: physicochemical and theoretical study. <i>Russian Chemical Bulletin</i> , 2014 , 63, 673-683	1.7	3
78	Protolytic and complexing properties of hetarylhydrazones derived from o-tosylaminobenzaldehyde. <i>Russian Journal of General Chemistry</i> , 2012 , 82, 1233-1237	0.7	3

77	Tautomerism of substituted salicylaldehyde and 2-diphenylphosphinebenzaldehyde 1?-phthalazinylhydrazones: X-ray crystallography and quantum chemical modeling. <i>Journal of Structural Chemistry</i> , 2013 , 54, 952-959	0.9	3
76	Novel hydrazone derivatives of 7-hydroxy-3',3'-dimethyl-3'H-spiro[chromene-2,1'-isobenzofuran]-8-carbaldehyde. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2011 , 67, o85-8		3
75	Investigation of complexation of functionalized 1,3-benzoxazinone spiropyrans with metal ions. <i>Russian Journal of General Chemistry</i> , 2009 , 79, 2787-2791	0.7	3
74	Physicochemical study of new polydentate ligand systems based on 2,6-diformyl-4-tert-butylphenol. <i>Russian Journal of General Chemistry</i> , 2010 , 80, 2329-2336	0.7	3
73	Synthesis, structure, and properties of new phosphorus Schiff bases. <i>Russian Journal of General Chemistry</i> , 2008 , 78, 567-574	0.7	3
72	Coordination compounds based on 4,6-di-tert-butyl-2-nitrosophenol. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2006 , 32, 539-544	1.6	3
71	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
70	Conjugated prototropic and ring opening rearrangements in Schiff base derivatives of formyl functionalized 2-oxaindane series spiropyran: synthesis, NMR, IR, UV/Vis, and DFT study. <i>Structural Chemistry</i> , 2019 , 30, 1381-1393	1.8	2
69	Synthesis, Protistocidal and Antibacterial Activities of 2?-Imidazolinyldhydrazones of Mono- and Dicarboxylic Acids. <i>Pharmaceutical Chemistry Journal</i> , 2015 , 49, 21-23	0.9	2
68	Physico-chemical study of the complex formation between 2-(tosylamino)benzaldehyde bishydrazones and transition metal ions. <i>Russian Journal of General Chemistry</i> , 2015 , 85, 1902-1909	0.7	2
67	2,6-diformyl-4-tert-butylphenol bis-ferrocenoylhydrazone and binuclear copper(II) complexes on its basis. <i>Russian Journal of General Chemistry</i> , 2016 , 86, 2075-2080	0.7	2
66	Synthesis and crystal structure of the nickel(II) complex with 2-diphenylphosphinobenzaldehyde 2-quinolinyldhydrazone. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2014 , 40, 280-283	1.6	2
65	Synthesis of new spiropyrans and study of the effect of the nature of substituents on their photochromism and complexation. <i>Russian Journal of General Chemistry</i> , 2013 , 83, 1111-1116	0.7	2
64	Molecular polarizability of organic compounds and their complexes: LIX. Molar volumes, intrinsic atomic solvation radii, and spatial structures of certain conformationally flexible compounds in solutions. <i>Russian Journal of General Chemistry</i> , 2013 , 83, 901-910	0.7	2
63	Structure of the Planar Acetate-Bridged Binuclear Copper(II) Complex Based on 1,3-Bis(3-Formyl-5-tert-Butylsalicylideneimino)propanol-2. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2017 , 43, 630-634	1.6	2
62	Ferrocenoylhydrazone of 2-N-tosylaminobenzaldehyde: Structure, properties, and complexing ability. <i>Russian Journal of General Chemistry</i> , 2015 , 85, 126-134	0.7	2
61	2,6-Diformyl-4-tert-butylphenol bis(8-quinolyldhydrazone) and its transition metal complexes: Physicochemical study and quantum-chemical simulation. <i>Russian Journal of General Chemistry</i> , 2008 , 78, 90-100	0.7	2
60	Determination of structures of Cu(II) and Ni(II) complexes based on 4-methyl-2,6-bis[[2-(4,6-dimethylpyrimidin-2-yl)-hydrazono]methyl]phenol by combine experimental and theoretical approaches. <i>Journal of Molecular Structure</i> , 2020 , 1199, 126952	3.4	2

59	On the Influence of the Nature of Non-Bridging Donor Atoms on the Structure and Magnetic Properties of Binuclear Cu(II) Complexes with Heterocyclic Azomethine Ligands. <i>Journal of Structural Chemistry</i> , 2019 , 60, 53-58	0.9	1
58	Synthesis, structure, and properties of the product formed in the reaction of ortho-diphenylphosphinobenzaldehyde and N-tosyl-1,2-phenylenediamine. <i>Russian Journal of General Chemistry</i> , 2015 , 85, 104-110	0.7	1
57	The influence of the nature of carboxylate precursors on the composition and tribological performance of copper-containing nanomaterials. <i>Journal of Coordination Chemistry</i> , 2020 , 73, 3465-3486	1.6	1
56	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
55	Proton Coupled Electron Transfer in the Reaction of Hydroxybenzenes with Hydrazyl Radical in Aqueous Media. <i>Russian Journal of General Chemistry</i> , 2020 , 90, 23-31	0.7	1
54	Salicylic aldehyde and 2-N-tosylaminobenzaldehyde tetrazolyl hydrazones and their complexes. <i>Russian Journal of General Chemistry</i> , 2016 , 86, 1064-1068	0.7	1
53	Crystal structure of a trinuclear complex of zinc(II) with 2,6-Di-tert-butyl-p-quinone 1?-phthalazinylhydrazone. <i>Journal of Structural Chemistry</i> , 2014 , 55, 475-480	0.9	1
52	Synthesis, physicochemical study, and quantum-chemical simulation of hydrazones based on 2-hydrazinoimidazoline. <i>Russian Journal of General Chemistry</i> , 2014 , 84, 676-681	0.7	1
51	Structure and magnetic properties of binuclear copper(II) complexes with 2,6-diformyl-4-tert-butylphenol bis(imidazolyl)hydrazone. <i>Russian Journal of General Chemistry</i> , 2013 , 83, 2314-2319	0.7	1
50	Crystal structures of copper(II) and nickel(II) complexes with 1,3-bis(3,5-di-tert-butylsalicylideneamino)propan-2-ol. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2013 , 39, 689-693	1.6	1
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37	Field-induced SIM behaviour of a Co(II) complex with a 1,1'-diacetylferrocene-derived ligand. <i>Dalton Transactions</i> , 2020 , 49, 15592-15596	4.3	1
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