

Artem Bogomyakov

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265
papers

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29
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271
ext. papers

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#	Paper	IF	Citations
265	Thermally induced magnetic anomalies in solvates of the bis(hexafluoroacetylacetonate)copper(II) complex with pyrazolyl-substituted nitronyl nitroxide. <i>Inorganic Chemistry</i> , 2008 , 47, 9537-52	5.1	65
264	Relationship between the thermally induced reorientations of aromatic solvate molecules in Cu(hfac)2-nitroxide breathing crystals and the character of the magnetic anomaly. <i>Inorganic Chemistry</i> , 2011 , 50, 6597-609	5.1	44
263	Synthesis, Structure, Thermal Stability, and Magnetic and Luminescence Properties of Dinuclear Lanthanide(III) Pivalates with Chelating N-Donor Ligands. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 3595-3610	2.3	39
262	First example of a reversible single-crystal-to-single-crystal polymerization-depolymerization accompanied by a magnetic anomaly for a transition-metal complex with an organic radical. <i>Inorganic Chemistry</i> , 2012 , 51, 12188-94	5.1	34
261	Heterospin pi-heterocyclic radical-anion salt: synthesis, structure, and magnetic properties of decamethylchromocenium [1,2,5]thiadiazolo[3,4-c][1,2,5]thiadiazolidyl. <i>Inorganic Chemistry</i> , 2010 , 49, 7558-64	5.1	34
260	Diaryldichalcogenide radical cations. <i>Chemical Science</i> , 2015 , 6, 497-504	9.4	33
259	Bis(toluene)chromium(I) [1,2,5]thiadiazolo[3,4-c][1,2,5]thiadiazolidyl and [1,2,5]thiadiazolo[3,4-b]pyrazinidyl: new heterospin ($S_1 = S_2 = \frac{1}{2}$) radical-ion salts. <i>Inorganic Chemistry</i> , 2013 , 52, 6654-63	5.1	33
258	Ytterbium and Europium Complexes of Redox-Active Ligands: Searching for Redox Isomerism. <i>Inorganic Chemistry</i> , 2017 , 56, 9825-9833	5.1	31
257	Bimetallic single-source precursors $[M(NH_3)_4][Co(C_2O_4)_2(H_2O)_2] \cdot 2H_2O$ ($M=Pd, Pt$) for the one run synthesis of CoPd and CoPt magnetic nanoalloys. <i>Polyhedron</i> , 2011 , 30, 1305-1312	2.7	30
256	A Copper-Nitroxide Adduct Exhibiting Separate Single Crystal-to-Single Crystal Polymerization-Depolymerization and Spin Crossover Transitions. <i>Inorganic Chemistry</i> , 2016 , 55, 5853-61	5.1	30
255	Crucial role of paramagnetic ligands for magnetostructural anomalies in "breathing crystals". <i>Inorganic Chemistry</i> , 2012 , 51, 9385-94	5.1	28
254	New oxidovanadium(IV) complex with a BIAN ligand: synthesis, structure, redox properties and catalytic activity. <i>New Journal of Chemistry</i> , 2018 , 42, 16200-16210	3.6	28
253	Step-by-step thermal transformations of a new porous coordination polymer $[(H_2O)_5CuBa(Me_2mal)_2]_n$ ($Me_2mal =$ dimethylmalonate): Thermal degradation to barium cuprate. <i>Journal of Solid State Chemistry</i> , 2013 , 197, 379-391	3.3	27
252	Synthesis and molecular structure of indium complexes based on 3,6-di-tert-butyl-o-benzoquinone. Looking for indium(I) o-semiquinolate. <i>Dalton Transactions</i> , 2011 , 40, 718-25	4.3	27
251	Novel indium(III) complexes with sterically hindered o-iminobenzoquinone. <i>Inorganic Chemistry Communication</i> , 2009 , 12, 1067-1070	3.1	27
250	Synthesis, structure, solid-state thermolysis, and thermodynamic properties of new heterometallic complex $Li_2Co_2(Piv)_6(NEt_3)_2$. <i>Journal of Solid State Chemistry</i> , 2010 , 183, 2475-2482	3.3	27
249	Valence-Tautomeric Interconversion in a Bis(dioxolene)cobalt Complex with Iminopyridine Functionalized by a TEMPO Moiety. Phase Transition Coupled with Monocrystal Destruction. <i>Inorganic Chemistry</i> , 2017 , 56, 14751-14754	5.1	26

248	Indirect Magnetic Exchange between o-Iminosemiquinonate Ligands Controlled by Apical Substituent in Pentacoordinated Gallium(III) Complexes. <i>Inorganic Chemistry</i> , 2015 , 54, 6090-9	5.1	26
247	Synthesis, molecular and crystal structure, magnetic properties, luminescence, and solid-phase thermolysis of binuclear Ln(III) pivalates with 2,2'-dipyridyl and 1,10-phenanthroline molecules. <i>Russian Journal of Inorganic Chemistry</i> , 2009 , 54, 668-685	1.5	25
246	Synthesis and characterization of Li(I)M(II) (M=Co, Ni) heterometallic complexes as molecular precursors for LiMO ₂ . <i>Polyhedron</i> , 2011 , 30, 132-141	2.7	25
245	Cobalt complexes with hemilabile o-iminobenzoquinonate ligands: a novel example of redox-induced electron transfer. <i>Dalton Transactions</i> , 2018 , 47, 15049-15060	4.3	25
244	Heteroligand o-Semiquinonato-Formazanato Cobalt Complexes. <i>Inorganic Chemistry</i> , 2015 , 54, 6078-80	5.1	24
243	Investigation of cobalt (1,10-phenanthroline)-bis-(3,6-di-tert-butyl-o-benzosemiquinolate) by X-ray diffraction, IR and ESR spectroscopy, magnetochemistry, and precision calorimetry. <i>Russian Chemical Bulletin</i> , 2011 , 60, 449-455	1.7	24
242	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
241	Influence of the nature of organic components in dinuclear copper(II) pivalates on the composition of thermal decomposition products. <i>Polyhedron</i> , 2010 , 29, 1734-1746	2.7	24
240	Synthesis and Properties of the Heterospin (S ₁ = S ₂ = (1)/2) Radical-Ion Salt Bis(mesitylene)molybdenum(I) [1,2,5]Thiadiazolo[3,4-c][1,2,5]thiadiazolidyl. <i>Inorganic Chemistry</i> , 2015 , 54, 7007-13	5.1	23
239	Mono- and Dinuclear Rare-Earth Chlorides Ligated by a Mesityl-Substituted β -Diketimate. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 3666-3672	2.3	23
238	Chloride ion-aided self-assembly of pseudoclathrochelate metal tris-pyrazoloximates. <i>Inorganic Chemistry</i> , 2014 , 53, 3062-71	5.1	23
237	Novel polynuclear architectures incorporating Co ²⁺ and K ⁺ ions bound by dimethylmalonate anions: Synthesis, structure, and magnetic properties. <i>Inorganica Chimica Acta</i> , 2013 , 396, 108-118	2.7	23
236	"Jumping crystals": oxygen-evolving metal-nitroxide complexes. <i>Inorganic Chemistry</i> , 2011 , 50, 4307-12	5.1	23
235	Coordination polymer [Li ₂ Co ₂ (Piv) ₆ (L) ₂] _n (L = 2-amino-5-methylpyridine) as a new molecular precursor for LiCoO ₂ cathode material. <i>Polyhedron</i> , 2009 , 28, 3628-3634	2.7	23
234	New NIR-emissive tetranuclear Er(III) complexes with 4-hydroxo-2,1,3-benzothiadiazolate and dibenzoylmethanide ligands: synthesis and characterization. <i>Dalton Transactions</i> , 2015 , 44, 5727-34	4.3	22
233	Synthesis, structure, thermal behavior, thermodynamic, magnetic and luminescent properties of Pr, Sm, Eu, and Gd cymantrenecarboxylates. <i>Polyhedron</i> , 2012 , 43, 36-46	2.7	22
232	Synthesis, structure, solid-state thermal decomposition and magnetic properties of binuclear Nd, Gd and Eu cymantrenecarboxylates. <i>Polyhedron</i> , 2011 , 30, 2523-2529	2.7	22
231	Dinuclear lanthanide β thium complexes based on fluorinated β -diketonate with acetal group: magnetism and effect of crystal packing on mechanoluminescence. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 40-49	6.8	22

230	Substitution of a Fluorine Atom in Perfluorobenzonitrile by a Lithiated Nitronyl Nitroxide. <i>Journal of Organic Chemistry</i> , 2017 , 82, 4179-4185	4.2	21
229	A novel sulfur/nitrogen heterocyclic radical anion, (6H-1,2,3-benzodithiazol-6-ylidene)malononitrilidyl, and its homo- and heterospin salts. <i>Polyhedron</i> , 2014 , 72, 43-49	2.7	21
228	Cu(II) complex with nitronyl nitroxide whose paramagnetism is suppressed by temperature decrease and/or pressure increase. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 11157-11163	7.1	19
227	Synthesis and characterization of new heterodinuclear (Eu,Tb) lanthanide pivalates. <i>Polyhedron</i> , 2013 , 50, 297-305	2.7	19
226	Polymeric heterometallic dicarboxylates [MIIx(VIVO)xL2x(H2O)y] (MII = Ba, Mn; L = Me2mal, Bumal) and their electrochemical study on solid and composite paste electrodes. <i>Polyhedron</i> , 2014 , 77, 47-56	2.7	19
225	Dimeric paddle-wheel zymantrenylcarboxylates of copper (II). <i>Inorganica Chimica Acta</i> , 2012 , 384, 18-22	2.7	19
224	New approach to synthesis of nitronyl and imino nitroxides based on SNH methodology. <i>Arkivoc</i> , 2011 , 2011, 76-98	0.9	19
223	Bis-o-semiquinonato nickel complexes with pyridine and pyridine modified by nitronyl-nitroxide moiety. <i>Polyhedron</i> , 2016 , 119, 317-324	2.7	18
222	C(sp ²)-coupled nitronyl nitroxide and iminonitroxide diradicals. <i>Chemistry - A European Journal</i> , 2014 , 20, 2793-803	4.8	18
221	Method for the synthesis of a stable heteroatom analog of trimethylenemethane. <i>Russian Chemical Bulletin</i> , 2011 , 60, 2608-2612	1.7	18
220	The chemical and electrochemical reduction of heteroligand o-semiquinonato-formazanato cobalt complexes. <i>Inorganica Chimica Acta</i> , 2019 , 489, 1-7	2.7	17
219	Atmospheric Oxygen Influence on the Chemical Transformations of 4,5-Dimethyl-1,2-Phenylenediamine in the Reactions with Copper(II) Pivalate. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019 , 45, 273-287	1.6	17
218	The reactivity of o-amidophenolate indium(III) complexes towards different oxidants. <i>RSC Advances</i> , 2014 , 4, 42494-42505	3.7	17
217	Heterodinuclear (Sm, Tb) lanthanide pivalates with heterocyclic N-donors: synthesis, structure, thermal behavior, and magnetic and photoluminescence properties. <i>Dalton Transactions</i> , 2014 , 43, 18104-18116	4.3	17
216	(Azulene-1,3-diyl)-bis(nitronyl nitroxide) and (Azulene-1,3-diyl)-bis(iminonitroxide) and Their Copper Complexes. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 2929-2941	4.5	17
215	New tin(IV) complexes with sterically hindered o-aminobenzoquinone ligand: Synthesis and structure. <i>Heteroatom Chemistry</i> , 2009 , 20, 332-340	1.2	17
214	1D nickel(II) coordination polymer with pyrimidine and pivalate bridges: Synthesis, structure and magnetic properties. <i>Inorganic Chemistry Communication</i> , 2010 , 13, 498-501	3.1	17
213	Ferromagnetic Coupling in the Heterospin Bis-Catecholato-Manganese(IV) Complex with Pyridine Substituted by Nitronyl-nitroxide. <i>Inorganic Chemistry</i> , 2017 , 56, 2426-2431	5.1	16

212	Heterospin complex showing spin transition at room temperature. <i>Polyhedron</i> , 2015 , 100, 132-138	2.7	16
211	Synthesis, structure and properties of nitronyl nitroxide diradicals with fused-thiophene couplers. <i>Journal of Physical Organic Chemistry</i> , 2016 , 29, 725-734	2.1	16
210	Sn(IV) complexes with bi- and tridentate phenoxazin-1-one ligands: Synthesis, structure and magnetic properties. <i>Inorganica Chimica Acta</i> , 2014 , 418, 66-72	2.7	16
209	Structures and Magnetic Properties of Group 13 Metal Tris-O-benzosemiquinonato Complexes. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 3252-3258	2.3	16
208	Binuclear samarium(III) pivalates with chelating N-donors: Synthesis, structure, thermal behavior, magnetic and luminescent properties. <i>Polyhedron</i> , 2013 , 65, 152-160	2.7	16
207	The interaction of N,N'-bis(2,6-dimethylphenyl)imidazol-2-ylidene with o-benzosemiquinonato zinc(II) and indium(III) complexes. <i>New Journal of Chemistry</i> , 2012 , 36, 1944	3.6	16
206	New sulfate-bridged dinuclear oxidovanadium complexes. <i>Inorganica Chimica Acta</i> , 2012 , 392, 192-198	2.7	16
205	Synthesis, structure, and magnetic properties of heterometallic trinuclear complexes {MII□nIII□MII} (MII = Ni, Cu; LnIII = La, Pr, Sm, Eu, Gd). <i>Russian Chemical Bulletin</i> , 2011 , 60, 2490-2503	1.7	16
204	Zinc and cadmium complexes based on 3,6-di-tert-butyl-o-benzoquinone. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2011 , 37, 243-256	1.6	16
203	Heterospin complexes based on cobalt semiquinolate with nitroxides. <i>Russian Chemical Bulletin</i> , 2011 , 60, 809-815	1.7	16
202	Copper(II) complexes with pyrazolyl-substituted nitronyl and imino nitroxides. <i>Polyhedron</i> , 2008 , 27, 739-749	2.7	16
201	Tetrahedral nickel(ii) and cobalt(ii) bis-o-iminobenzosemiquinonates. <i>Dalton Transactions</i> , 2019 , 48, 10723-10735	3.3	16
200	Synthesis and magnetic properties of iron(II) closo-borate complexes with tris(3,5-dimethylpyrazol-1-yl)methane. <i>Russian Journal of Inorganic Chemistry</i> , 2015 , 60, 786-789	1.5	15
199	Pentacoordinated cloro-bis-o-iminosemiquinonato Mn and Fe complexes. <i>Journal of Molecular Structure</i> , 2018 , 1165, 51-61	3.4	15
198	Reaction of Paramagnetic Synthons, Lithiated 4,4,5,5-Tetramethyl-4,5-dihydro-1H-imidazol-1-oxyl 3-oxide, with Cyclic Aldonitrones of the Imidazole Series. <i>Chemistry - A European Journal</i> , 2016 , 22, 14598-604	4.8	15
197	Synthesis and magnetic and cytotoxic properties of copper(II) halide complexes with 1,2,4-triazolo[1,5-a] benzimidazoles. <i>New Journal of Chemistry</i> , 2017 , 41, 4341-4347	3.6	14
196	Novel 1D coordination polymer {Tm(Piv) ₃ } _n : Synthesis, structure, magnetic properties and thermal behavior. <i>Journal of Solid State Chemistry</i> , 2012 , 185, 49-55	3.3	14
195	Structure of nanosize bimetallic Fe-Co and Fe-Ni. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2013 , 77, 142-145	0.4	14

- 194 New high-spin iron complexes based on bis(imino)acenaphthenes (BIAN): synthesis, structure, and magnetic properties. *Russian Chemical Bulletin*, **2013**, 62, 2122-2131 1.7 14
- 193 Ln(III) complexes (Ln = Eu, Gd, Tb, Dy) with a chiral ligand containing 1,10-phenanthroline and (-)-menthol fragments: synthesis, structure, magnetic properties and photoluminescence. *Dalton Transactions*, **2017**, 46, 11440-11450 4.3 14
- 192 Chemical Design of Heterometallic Coordination Polymers Based on {Cu(Me2mal)2} Fragment. *European Journal of Inorganic Chemistry*, **2017**, 2017, 547-562 2.3 14
- 191 Ferro- and antiferromagnetic interactions in polymeric and molecular complexes of Cu(hfac)2 with 1-oxoazin-2-yl-substituted nitronyl nitroxides. *Polyhedron*, **2011**, 30, 647-653 2.7 14
- 190 Ladder coordination polymers built from [Re4Q4(CN)12]4- cluster anions (Q = S, Se, Te) and [Gd(phen)(H2O)3Gd(phen)(H2O)2(EDH)2]4+ dimeric cationic fragments. *Polyhedron*, **2016**, 115, 174-179 2.7 14
- 189 Copper(II) complexes bearing o-iminosemiquinonate ligands with augmented aromatic substituents. *Polyhedron*, **2016**, 119, 286-292 2.7 14
- 188 Ferromagnetically Coupled Molecular Complexes with a CoII2GdIII Pivalate Core: Synthesis, Structure, Magnetic Properties and Thermal Stability. *ChemistrySelect*, **2019**, 4, 14261-14270 1.8 14
- 187 Synthesis of four-, five-, and six-coordinate cobalt(III) bis-o-iminobenzosemiquinone complexes. *Russian Chemical Bulletin*, **2019**, 68, 757-769 1.7 13
- 186 Understanding Hysteresis in Carbon Dioxide Sorption in Porous Metal-Organic Frameworks. *Inorganic Chemistry*, **2019**, 58, 6811-6820 5.1 13
- 185 Effect of an additional functional group on the structure and properties of copper(II) and nickel(II) o-iminoquinone complexes. *Russian Chemical Bulletin*, **2015**, 64, 642-649 1.7 13
- 184 1,1-Cyclohexanediacetate as New Bridging Ligand for Assembling of Homo- and Heterometallic Molecular Complexes with Cu II3, Cu II2 Ln III2 (Ln = Sm or Gd) and Ni II2 Gd III2 Cores: Synthesis, Structure and Magnetic Properties. *Journal of Cluster Science*, **2015**, 26, 137-155 3 13
- 183 Dinuclear copper(II) complex with novel N,N,N',O-tetradentate Schiff base ligand containing trifluoromethylpyrazole and hydrazone moieties. *Mendeleev Communications*, **2018**, 28, 202-204 1.9 13
- 182 Spirocyclic derivatives of nitronyl nitroxides in the design of heterospin CuII complexes manifesting spin transitions. *Russian Chemical Bulletin*, **2013**, 62, 2132-2140 1.7 13
- 181 Synthesis, structure, electrochemical and magnetic properties of 2,6-bis(5-trifluoromethylpyrazol-3-yl)pyridine and its NiII complexes. *Russian Chemical Bulletin*, **2012**, 61, 313-325 1.7 13
- 180 Novel tris-o-semiquinonato cobalt complexes, where quinonato fragments are modified by cyclic substituents. *Inorganica Chimica Acta*, **2012**, 392, 84-90 2.7 13
- 179 Bis-o-semiquinonato complexes of transition metals with 5,7-di-tert-butyl-2-(pyridine-2-yl)benzoxazole. *Polyhedron*, **2013**, 49, 239-243 2.7 13
- 178 New high-spin bis-o-semiquinonato cobalt(II) complexes with neutral donor ligands. *Inorganic Chemistry Communication*, **2011**, 14, 1661-1664 3.1 13
- 177 A Theoretical and Experimental Study of NMR Contrasting Properties of Nanocomposites Based on Ferric Oxides Stabilized by Arabinogalactan Matrix. *Applied Magnetic Resonance*, **2011**, 41, 525-536 0.8 13

176	New Cascade Syntheses of Nitronyl Nitroxides and a New Synthetic Approach to Imino Nitroxides. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 2548-2561	3.2	13
175	2D-metalorganic coordination polymers of lanthanides (La(III), Pr(III) and Nd(III)) with redox-active dioxolene bridging ligands. <i>CrystEngComm</i> , 2020 , 22, 4675-4679	3.3	12
174	New bis-o-iminosemiquinonate aluminium(III) complexes. <i>Inorganic Chemistry Communication</i> , 2016 , 66, 94-97	3.1	12
173	Ferrocene-o-benzosemiquinonato tin(IV) electron-transfer complexes. <i>Inorganic Chemistry</i> , 2013 , 52, 5284-9	5.1	12
172	Synthesis, structure, physicochemical properties, and solid-phase thermolysis of Co ₂ Sm(Piv) ₇ (2,4-Lut) ₂ . <i>Russian Journal of Inorganic Chemistry</i> , 2009 , 54, 548-557	1.5	12
171	Magnetic activity of nanostructured biopolymeric nanomagnets. <i>Russian Chemical Bulletin</i> , 2010 , 59, 2318-2322	1.7	12
170	Coordination polymers of cobalt(II) with pyrimidine and pyrazine: Syntheses, structures and magnetic properties. <i>Inorganic Chemistry Communication</i> , 2008 , 11, 1015-1018	3.1	12
169	36-Nuclear anionic dimethylmalonate complexes of nickel(II) and cobalt(II) with cation of NBu ₄ ⁺ : Synthesis, structure and magnetic properties. <i>Polyhedron</i> , 2017 , 130, 67-74	2.7	11
168	Variable coordination of tris(2-pyridyl)phosphine and its oxide toward M(hfac): a metal-specifiable switching between the formation of mono- and bis-scorpionate complexes. <i>Dalton Transactions</i> , 2017 , 46, 5965-5975	4.3	11
167	Features of Magnetic Behavior in the Row of Pentacoordinated Bis-o-Iminobenzosemiquinonato Metal (Al, Ga, In) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 938-948	2.3	11
166	Nanostructured Polymetallic Powders to Create New Functional Materials on its Base. <i>Key Engineering Materials</i> , 2015 , 670, 49-54	0.4	11
165	Binuclear bis(o-semiquinonato)cobalt(II) complexes with bridging tetradentate N-donor ligand. <i>Inorganica Chimica Acta</i> , 2016 , 440, 16-20	2.7	11
164	A biradical chelate Zn(II) complex with phenoxazin-1-one ligands. <i>Inorganica Chimica Acta</i> , 2014 , 410, 144-149	2.7	11
163	Luminescence of the nitronyl nitroxide radical group in a spin-labelled pyrazolylquinoline. <i>Journal of Luminescence</i> , 2014 , 148, 33-38	3.8	11
162	Temperature-dependent zero-field splitting in a copper(II) dimer studied by EPR. <i>Dalton Transactions</i> , 2013 , 42, 4513-21	4.3	11
161	Mixed Phenyl and Thiophene Oligomers for Bridging Nitronyl Nitroxides. <i>Journal of Organic Chemistry</i> , 2017 , 82, 7764-7773	4.2	11
160	Pentacoordinated bis- o -benzosemiquinonato zinc complexes with different N-ligands: Structure and magnetic properties. <i>Inorganica Chimica Acta</i> , 2017 , 455, 213-220	2.7	11
159	The Use of Malonate Coordination Polymers with CuII and BaII Atoms for Barium Cuprate Preparation. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 3116-3127	2.3	11

- 158 Synthesis, structure, and magnetic properties of 2,2'-(buta-1,3-diyne-1,4-diyl)bis(4,4,5,5-tetramethyl-4,5-dihydro-1H-imidazole 3-oxide 1-oxyl). *Polyhedron*, **2011**, 30, 3232-3237 2.7 11
- 157 Pivalates with the MII 4O4 cubane core (M = Co, Ni): synthesis, structure, magnetic properties, and solid-state thermolysis. *Russian Chemical Bulletin*, **2009**, 58, 11-20 1.7 11
- 156 Metal-ligand ferromagnetic exchange interactions in heteroligand bis-o-semiquinonato nickel complexes with 2,2'-dipyridine and 1,10-phenanthroline. *Polyhedron*, **2019**, 158, 262-269 2.7 11
- 155 The First Series of Heterometallic LnIII-VIV Complexes Based on Substituted Malonic Acid Anions: Synthesis, Structure and Magnetic Properties. *European Journal of Inorganic Chemistry*, **2018**, 2018, 5075-5090 2.3 11
- 154 Pressure-Controlled Migration of Paramagnetic Centers in a Heterospin Crystal. *Inorganic Chemistry*, **2019**, 58, 9187-9194 5.1 10
- 153 Novel Dinuclear Redox-isomeric Complexes with a Tetrapodal Pyridine-based Ligand. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2014**, 640, 2177-2182 1.3 10
- 152 Simultaneous Introduction of Two Nitroxides in the Reaction: A New Approach to the Synthesis of Heterospin Complexes. *Inorganic Chemistry*, **2017**, 56, 14567-14576 5.1 10
- 151 Dumping Crystals: structures and properties of CuII complexes with N-methylimidazolyl- and N-methyltriazolyl-substituted nitronyl nitroxides. *Russian Chemical Bulletin*, **2011**, 60, 2457-2469 1.7 10
- 150 New dodecanuclear phenylphosphonate-bridged Co(II) complexes. *Polyhedron*, **2011**, 30, 2941-2949 2.7 10
- 149 Synthesis and structure of polycrystalline adducts of Co(II) azomethine complexes with redox-active 2,4,6,8-tetrakis-(tert-butyl)phenoxazin-1-one. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2016**, 42, 252-259 1.6 10
- 148 Anomalously large gap and induced out-of-plane spin polarization in magnetically doped 2D Rashba system: V-doped BiTeI. *2D Materials*, **2017**, 4, 025055 5.9 9
- 147 Spin transition characteristics of molecular solvates of CuII complexes with nitroxides: sensitivity to the packing type. *Russian Chemical Bulletin*, **2019**, 68, 732-742 1.7 9
- 146 Rhenium Complex with Noninnocent Dioxolene Ligand: Combined Experimental and ab Initio Study of [(3,5-di-tert-Bu2C6H2O2)ReCl3(OPPh3)]. *Inorganic Chemistry*, **2015**, 54, 6727-35 5.1 9
- 145 New bis-o-semiquinonato cobalt complexes with 1,10-phenanthroline ligands. *Polyhedron*, **2015**, 85, 1652-171 9
- 144 New heterospin chain-polymers based on Cu(hfac)2 complex with TEMPO derivatives bearing [(oxy)acrylate moiety: Synthesis, structural and magnetic properties. *Polyhedron*, **2016**, 119, 293-299 2.7 9
- 143 Chemical and electrochemical synthesis, structure and magnetic properties of mono- and binuclear 3d-metal complexes of N-[2-[(hydroxyalkylimino)methyl]phenyl]-4-methylbenzenesulfonamides. *Polyhedron*, **2018**, 154, 123-131 2.7 9
- 142 Novel homoleptic bis-o-semiquinonato nickel complexes. *Inorganica Chimica Acta*, **2013**, 406, 153-159 2.7 9
- 141 Structure and magnetic properties of bis-o-benzosemiquinonato zinc complexes. *Polyhedron*, **2015**, 102, 715-721 2.7 9

140	Synthesis, molecular and electronic structure of an incomplete cuboidal Re ₃ S ₄ cluster with an unusual quadruplet ground state. <i>Chemical Communications</i> , 2012 , 48, 2713-5	5.8	9
139	Synthesis of nitroxyl radical by direct nucleophilic functionalization of a C-H bond in the azadiene systems. <i>Russian Chemical Bulletin</i> , 2012 , 61, 1469-1473	1.7	9
138	Synthesis, structure, and magnetic properties of new pyridonate-pivalate nickel(II) complex, [Ni ₁₁ (OH) ₂ (mhp) ₈ (Piv) ₁₀ (HCO ₂) ₂ (H ₂ O) ₂ (Hmhp) ₂ (HPiv) ₂] (mhp=6-methyl-2-pyridonate), containing formate bridges. <i>Inorganic Chemistry Communication</i> , 2011 , 14, 362-365	3.1	9
137	Chemical assembly of an antiferromagnetic macrocyclic molecule containing two inner CoII centers from polymeric cobalt pivalate. <i>Polyhedron</i> , 2009 , 28, 2010-2016	2.7	9
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127	Synthesis and structure of nonacoordinated tris-chelate lanthanide (III) complexes with tridentate 2,4,6,8-tetrakis(tert-butyl)-9-hydroxyphenoxazin-1-one ligands. <i>Inorganica Chimica Acta</i> , 2017 , 458, 116-121	2.7	7
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11	Heterospin Cobalt, Nickel, and Copper Complexes: 4-TEMPO-oxy-3,6-di-tert-butyl-o-Benzoquinone Derivatives. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019 , 45, 644-650	1.6	
10	Magnetically Active 3d Metal Complexes with 3-Amino-4-Ethoxycarbonylpyrazole. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019 , 45, 347-355	1.6	
9	Electron Paramagnetic Resonance in Ge/Si Heterostructures with Mn-Doped Quantum Dots. <i>JETP Letters</i> , 2019 , 109, 270-275	1.2	
8	Exchange Interactions in Cobalt(II) and Nickel(II) Complexes Containing M ₄ (β-OH) ₂ Metal Cores with Distorted Rhombic Topology. <i>Theoretical and Experimental Chemistry</i> , 2015 , 50, 364-370	1.3	
7	Crystal Structure of Tl ₂ [NbCl ₆] and Tl ₂ [NbBr ₆]. <i>Journal of Structural Chemistry</i> , 2018 , 59, 126-130	0.9	
6	Structure of Mn(II), Co(II), Ni(II), and Cu(II) complexes with triformylmethane. <i>Journal of Structural Chemistry</i> , 2013 , 54, 104-109	0.9	
5	Thermodynamic properties of o-semiquinonato complexes of cobalt, nickel, and copper in the range T = 0 to 350 K. <i>Russian Journal of Physical Chemistry A</i> , 2013 , 87, 545-551	0.7	
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3	Heterospin complexes of polynuclear Ni(II) compounds containing hexafluoroacetylacetonate and pivalate ligands with nitroxides. <i>Russian Chemical Bulletin</i> , 2010 , 59, 337-341	1.7	
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1	Synthesis of spin-labeled nitrophenol via substitution of a But group with the NO ₂ group under mild conditions. <i>Russian Chemical Bulletin</i> , 2016 , 65, 1644-1647	1.7	