

Artem Bogomyakov

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5706785/artem-bogomyakov-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

265
papers

2,712
citations

24
h-index

29
g-index

271
ext. papers

3,083
ext. citations

2.7
avg, IF

4.97
L-index

#	Paper	IF	Citations
265	Valence tautomerism in cobalt complexes based on isopropyl- and cyclohexyl-substituted o-quinones. <i>Inorganica Chimica Acta</i> , 2022 , 534, 120811	2.7	0
264	MAGNETIC ANOMALIES IN POLYMERIC CHAIN COMPLEXES Cu(hfac) ₂ WITH SPIN-LABELED DIALKYLPIRAZOLES. <i>Journal of Structural Chemistry</i> , 2022 , 63, 87-99	0.9	0
263	Complexes of Copper(II) Halides with 2-(3,5-Dimethylpyrazol-1-yl)benzimidazole: Synthesis and Magnetic and Cytotoxic Properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2021 , 47, 751-759	1.6	1
262	2-(8-Iodonaphthalen-1-yl)-Substituted Nitronyl Nitroxide: Suppressed Reactivity of Iodine Atom and Unusual Temperature Dynamics of the EPR Spectrum. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 2355-2361	3.2	0
261	Di-carbonyl-o-semiquinonato rhodium complexes. <i>Polyhedron</i> , 2021 , 198, 115075	2.7	1
260	Platform for High-Spin Molecules: A Verdazyl-Nitronyl Nitroxide Triradical with Quartet Ground State. <i>Journal of the American Chemical Society</i> , 2021 , 143, 8164-8176	16.4	5
259	A series of bis(2-phenethyl)dithiophosphinate-based Ln(III) complexes: Synthesis, magnetic and photoluminescent properties. <i>Inorganica Chimica Acta</i> , 2021 , 516, 120097	2.7	2
258	Binuclear Gadolinium(III) Pivalates with 4,7-Diphenyl-1,10-Phenanthroline: Synthesis, Structure, Thermal Behavior, Magnetic and Photoluminescence Properties. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 464-472	2.3	1
257	Spin Transition Resulting from the Generation of a New Polymorph in the Metastable Phase. <i>Crystal Growth and Design</i> , 2021 , 21, 260-269	3.5	0
256	Re(i)-nitroxide complexes.. <i>RSC Advances</i> , 2021 , 11, 19902-19907	3.7	0
255	Easy-plane to easy-axis anisotropy switching in a Co(II) single-ion magnet triggered by the diamagnetic lattice. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 9446-9452	7.1	1
254	Iron(III) Complexes Based on N-Benzylidene-2-Hydroxy-3,5-Di-tert-Butylaniline. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2021 , 47, 1-9	1.6	1
253	Pentacoordinated manganese(III) bis-o-iminobenzosemiquinonates: Looking for spin-crossover phenomenon. <i>Journal of Molecular Structure</i> , 2021 , 1225, 129092	3.4	3
252	Versatile Reactivity of Mn Complexes in Reactions with N-Donor Heterocycles: Metamorphosis of Labile Homometallic Pivalates vs. Assembling of Endurable Heterometallic Acetates. <i>Molecules</i> , 2021 , 26,	4.8	1
251	Metal-Organic Frameworks Derived from Calcium and Strontium Complexes of a Redox-Active Ligand. <i>Inorganic Chemistry</i> , 2021 , 60, 3238-3248	5.1	3
250	.Solid solutions of redox-isomeric bis-o-semiquinonato cobalt complex with zinc, nickel and manganese compounds having the same composition. <i>Polyhedron</i> , 2021 , 209, 115485	2.7	0
249	STRUCTURAL FEATURES OF THE 12-NUCLEAR Cu(hfac) ₂ COMPLEX WITH SPIN-LABELED PYRAZOLE. <i>Journal of Structural Chemistry</i> , 2021 , 62, 1857-1862	0.9	0

248	A black-box approach to the construction of metal-radical multispin systems and analysis of their magnetic properties. <i>Dalton Transactions</i> , 2020 , 49, 16916-16927	4.3	1
247	Nickel(II) derivatives based on o-aminobenzoquinone-type ligands: Structural modifications, magnetism and electrochemical peculiarities. <i>Polyhedron</i> , 2020 , 186, 114610	2.7	4
246	2D-metal-organic 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
245	Intermolecular Spin-Crossover-like Phenomenon Sensitive to Applied External Pressure in Heterospin Crystals. <i>Crystal Growth and Design</i> , 2020 , 20, 2796-2802	3.5	4
244	Magnetic Properties of π -Conjugated Hybrid Phenoxy-Nitroxide Radicals with Extended π -Spin Delocalization. <i>Journal of Physical Chemistry A</i> , 2020 , 124, 2416-2426	2.8	2
243	Transition Metal Coordination Polymers with Trans-1,4-Cyclohexanedicarboxylate: Acidity-Controlled Synthesis, Structures and Properties. <i>Materials</i> , 2020 , 13,	3.5	5
242	(Pyrrole-2,5-Diyl)-Bis(Nitronyl Nitroxide) and-Bis(Iminonitroxide): Specific Features of the Synthesis, Structure, and Magnetic Properties. <i>Molecules</i> , 2020 , 25,	4.8	3
241	STRUCTURE OF A Pd-ORGANIC PARAMAGNETIC. <i>Journal of Structural Chemistry</i> , 2020 , 61, 1952-1956	0.9	1
240	Influence of Ni-core Au-shell Nanoparticles Morphology on Their Magnetic Properties. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 1008-1019	3.8	2
239	Electron-donating substituent influence on the spin-crossover phenomenon in iron(III) bis-o-aminobenzosemiquinonates. <i>Inorganica Chimica Acta</i> , 2020 , 503, 119402	2.7	7
238	Binuclear iminopyridine-bridged 3d late transition metal complexes with o-semiquinones. <i>Inorganica Chimica Acta</i> , 2020 , 502, 119346	2.7	1
237	Fluorinated Organic Paramagnetic Building Blocks for Cross-Coupling Reactions. <i>Molecules</i> , 2020 , 25,	4.8	2
236	Synthesis, Structure, and Magnetic Properties of Heterospin Polymers $M_1[M_2(Hfac)L_2]$. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020 , 46, 521-527	1.6	5
235	Ferromagnetically Coupled S=1 Chains in Crystals of Verdazyl-Nitronyl Nitroxide Diradicals. <i>Angewandte Chemie</i> , 2020 , 132, 20885-20891	3.6	
234	Ferromagnetically Coupled S=1 Chains in Crystals of Verdazyl-Nitronyl Nitroxide Diradicals. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 20704-20710	16.4	9
233	Nickel(II) and Cobalt(III) bis(dioxolene) complexes with di(2-pyridyl)imine ligands: Synthesis and magnetic properties. <i>Inorganica Chimica Acta</i> , 2020 , 512, 119869	2.7	1
232	Effect of increasing pressure on the structure and temperature-induced changes in magnetic properties of heterospin complexes. <i>Russian Chemical Bulletin</i> , 2020 , 69, 1530-1536	1.7	3
231	Homoligand Tris-o-Dioxolene Complexes. Peculiarities of the Molecular Structures and Magnetic Properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020 , 46, 224-240	1.6	8

- 230 Synthesis, Structure, Magnetic and Photoluminescent Properties of Lanthanide(III) Complexes with a Ligand Based on 1,10-Phenanthroline and (+)β-Carene. *Journal of Structural Chemistry*, **2019**, 60, 1314-1326 0.9 4
- 229 Heterospin Cobalt, Nickel, and Copper Complexes: 4-TEMPO-oxy-3,6-di-tert-butyl-o-Benzoquinone Derivatives. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2019**, 45, 644-650 1.6
- 228 Design, synthesis and isolation of a new 1,2,5-selenadiazolidyl and structural and magnetic characterization of its alkali-metal salts. *New Journal of Chemistry*, **2019**, 43, 16331-16337 3.6 6
- 227 Heterospin bis(dioxolene)manganese complexes with iminopyridine ligands. The effect of ancillary ligand on the charge distribution in the complex. *Inorganica Chimica Acta*, **2019**, 488, 278-284 2.7 4
- 226 Features of Magnetic Behavior in the Row of Pentacoordinated Bis-o-Iminobenzosemiquinonato Metal (Al, Ga, In) Complexes. *European Journal of Inorganic Chemistry*, **2019**, 2019, 938-948 2.3 11
- 225 The chemical and electrochemical reduction of heteroligand o-semiquinonato-formazanato cobalt complexes. *Inorganica Chimica Acta*, **2019**, 489, 1-7 2.7 17
- 224 Tetrahedral nickel(ii) and cobalt(ii) bis-o-iminobenzosemiquinonates. *Dalton Transactions*, **2019**, 48, 10723-10735 4.3 10735
- 223 Magnetically Active 3d Metal Complexes with 3-Amino-4-Ethoxycarbonylpyrazole. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2019**, 45, 347-355 1.6
- 222 The Ni-rich nanostructured solid solutions of Ni_{1-x}M_x (M = Cd, Co and Cu). *Materials Research Express*, **2019**, 6, 0865c4 1.7 1
- 221 Diradical hexacoordinated tin(IV) bis-o-iminobenzosemiquinonates: synthesis, structure and magnetic properties. *Journal of Molecular Structure*, **2019**, 1195, 417-425 3.4 6
- 220 Novel dioxolene nickel complexes with sterically hindered diazabutadienes. Coupling of aza-ligands coordinated to nickel. *Dalton Transactions*, **2019**, 48, 10516-10525 4.3 3
- 219 Electron Paramagnetic Resonance in Ge/Si Heterostructures with Mn-Doped Quantum Dots. *JETP Letters*, **2019**, 109, 270-275 1.2
- 218 Spin Transition in the Cu(hfac)₂ Complex with (4-Ethylpyridin-3-yl)-Substituted Nitronyl Nitroxide Caused by the Asymmetric Structural Rearrangement of Exchange Clusters in the Heterospin Molecule. *Crystals*, **2019**, 9, 285 2.3 3
- 217 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
- 216 Synthesis of four-, five-, and six-coordinate cobalt(iii) bis-o-iminobenzosemiquinone complexes. *Russian Chemical Bulletin*, **2019**, 68, 757-769 1.7 13
- 215 Understanding Hysteresis in Carbon Dioxide Sorption in Porous Metal-Organic Frameworks. *Inorganic Chemistry*, **2019**, 58, 6811-6820 5.1 13
- 214 Atmospheric Oxygen Influence on the Chemical Transformations of 4,5-Dimethyl-1,2-Phenylenediamine in the Reactions with Copper(II) Pivalate. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2019**, 45, 273-287 1.6 17
- 213 Di-tert-butylcatecholate derivatives of titanocene. *New Journal of Chemistry*, **2019**, 43, 6636-6642 3.6 1

212	Heterospin Copper(II) Catecholate Complex with the TEMPO- π -iminopyridine Ligand. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019 , 45, 489-495	1.6	3
211	Pressure-Controlled Migration of Paramagnetic Centers in a Heterospin Crystal. <i>Inorganic Chemistry</i> , 2019 , 58, 9187-9194	5.1	10
210	Bis-o-Semiquinonate Zinc Complexes with the Bidentate N-Donor Ligands: Synthesis and Magnetic Properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019 , 45, 309-319	1.6	0
209	Ferromagnetically Coupled Molecular Complexes with a $\text{CoII}2\text{GdIII}$ Pivalate Core: Synthesis, Structure, Magnetic Properties and Thermal Stability. <i>ChemistrySelect</i> , 2019 , 4, 14261-14270	1.8	14
208	Aromatic S-Approach to Fluorinated Phenyl -Butyl Nitroxides. <i>Molecules</i> , 2019 , 24,	4.8	4
207	Dinuclear lanthanide- π -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
206	Metal-ligand ferromagnetic exchange interactions in heteroligand bis-o-semiquinonato nickel complexes with 2,2'-dipyridine and 1,10-phenanthroline. <i>Polyhedron</i> , 2019 , 158, 262-269	2.7	11
205	Ate-complexes of tris-dioxolene tin anion with nickel (or cobalt) bis-(2,2'-dipyridine)-dioxolene cation. EPR study of spin migration dynamics. Solvent and counterion effects. <i>Journal of Molecular Structure</i> , 2019 , 1180, 878-887	3.4	5
204	Novel bis-catecholato heterospin manganese complexes. <i>Inorganica Chimica Acta</i> , 2019 , 486, 113-118	2.7	4
203	Behavior of MnIV in the hexaniobate, telluropentaniobate and hexatantalate solutions. <i>Inorganica Chimica Acta</i> , 2018 , 473, 268-274	2.7	2
202	Multinuclear compounds of s-elements with sterically hindered β -semiquinonates and catecholates. <i>Russian Chemical Bulletin</i> , 2018 , 67, 61-70	1.7	2
201	Tetranuclear $\text{Ru}2\text{Ln}2$ complexes of heavier lanthanides (Gd, Tb, Dy, Ho, Lu) with $[\text{RuNO}(\text{NO}_2)_4\text{OH}]_2^{2-}$ anion, combining SMM properties and photoswitchable Ru-NO group. <i>Inorganica Chimica Acta</i> , 2018 , 479, 135-140	2.7	8
200	Dinuclear copper(ii) complex with novel N,N',N'',N'''-tetradentate Schiff base ligand containing trifluoromethylpyrazole and hydrazone moieties. <i>Mendeleev Communications</i> , 2018 , 28, 202-204	1.9	13
199	Pentacoordinated chloro-bis-o-iminosemiquinonato Mn and Fe complexes. <i>Journal of Molecular Structure</i> , 2018 , 1165, 51-61	3.4	15
198	Copper(II) Complexes with Chiral Ligands Containing Fragments of Monoterpenoids and Amino Acid Esters. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2018 , 44, 117-126	1.6	2
197	Chemical and electrochemical synthesis, structure and magnetic properties of mono- and binuclear 3d-metal complexes of N-[2-[(hydroxyalkylimino)methyl]phenyl]-4-methylbenzenesulfonamides. <i>Polyhedron</i> , 2018 , 154, 123-131	2.7	9
196	The first heterocubane cluster with a $[\text{W}_3\text{Ga}_4\text{S}_4]$ core. <i>New Journal of Chemistry</i> , 2018 , 42, 12349-12352	3.6	3
195	The Suzuki-Miyaura reaction as a tool for modification of phenoxy-nitroxyl radicals of the 4-imidazole -oxide series.. <i>RSC Advances</i> , 2018 , 8, 26099-26107	3.7	4

194	Crystal Structure of $Tl_2[NbCl_6]$ and $Tl_2[NbBr_6]$. <i>Journal of Structural Chemistry</i> , 2018 , 59, 126-130	0.9	
193	Phase Composition and Magnetic Properties of Nanostructured Fe_3O_4/Ni Powders. <i>Physica Status Solidi (B): Basic Research</i> , 2018 , 255, 1700175	1.3	5
192	Crystal Structure of Metal Complexes with 2-Imidazoline Nitroxides and Dicyanamide. <i>Journal of Structural Chemistry</i> , 2018 , 59, 1412-1420	0.9	1
191	Binding Features of $\{M(3d)(cbdc)_2\}$ Blocks ($M(3d)=VIVO, CuII$; $cbdc_2=$ Dianion of Cyclobutane-1,1-Dicarboxylic Acid) in Formation of Heterometallic Structures with d-Metal Cations. <i>ChemistrySelect</i> , 2018 , 3, 13765-13772	1.8	3
190	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
189	The First Series of Heterometallic LnIII-VIV Complexes Based on Substituted Malonic Acid Anions: Synthesis, Structure and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 5075-5090	2.3	11
188	Synthesis and structures of CuI,II complexes with a 2,2'-bipyridine derivative bearing a (+)-3-carene moiety. <i>Russian Chemical Bulletin</i> , 2018 , 67, 1251-1260	1.7	4
187	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
186	Transition metal chelate complexes with tetrazole derived Mannich base: Metal dependent architecture and properties. <i>Polyhedron</i> , 2018 , 151, 74-81	2.7	5
185	Control of the composition and crystal structure of exchange reaction products of rare-earth acetates with pivalic acid. <i>Inorganica Chimica Acta</i> , 2018 , 482, 8-15	2.7	4
184	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
183	Anomalously large gap and induced out-of-plane spin polarization in magnetically doped 2D Rashba system: V-doped BiTeI. <i>2D Materials</i> , 2017 , 4, 025055	5.9	9
182	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
181	Counterion effect on the spin-transition properties of the second generation iron(III) dendrimeric complexes. <i>Inorganica Chimica Acta</i> , 2017 , 459, 131-142	2.7	7
180	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
179	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
178	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
177	Novel vanadium complexes supported by a bulky tris(pyrazolyl)borate ligand. <i>Polyhedron</i> , 2017 , 129, 60-64	2.7	5

176	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
175	Study of the complexes of iron(II) dicyanamide and isothiocyanate with 2-(2-tert-butyltetrazol-5-yl)pyridine. <i>Journal of Structural Chemistry</i> , 2017 , 58, 919-925	0.9	4
174	(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
173	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. <i>Dalton Transactions</i> , 2017 , 46, 11440-11450	4.3	14
172	Synthesis, Structure and Magnetism of Coordination Polymers Based on [Re ₄ Te ₄ (CN) ₁₂] ₄ Cluster Anions and [Ln(phen)(H ₂ O) ₃ Ln(phen)(H ₂ O) ₂ (OH) ₂] ⁴⁺ (Ln = Dy, Ho, Er) Dimeric Fragments. <i>Journal of Cluster Science</i> , 2017 , 28, 3103-3114	3	3
171	Ytterbium and Europium Complexes of Redox-Active Ligands: Searching for Redox Isomerism. <i>Inorganic Chemistry</i> , 2017 , 56, 9825-9833	5.1	31
170	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
169	Simultaneous Introduction of Two Nitroxides in the Reaction: A New Approach to the Synthesis of Heterospin Complexes. <i>Inorganic Chemistry</i> , 2017 , 56, 14567-14576	5.1	10
168	Synthesis and study of CuII complex with nitroxide, a jumping crystal analog. <i>Russian Chemical Bulletin</i> , 2017 , 66, 222-230	1.7	5
167	Mixed Phenyl and Thiophene Oligomers for Bridging Nitronyl Nitroxides. <i>Journal of Organic Chemistry</i> , 2017 , 82, 7764-7773	4.2	11
166	Chemical Design of Heterometallic Coordination Polymers Based on {Cu(Me ₂ mal) ₂ } Fragment. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 547-562	2.3	14
165	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
164	Synthesis, structure, and magnetic properties of magnesium bis-3,6-di-tert-butylbenzosemiquinonato complexes with N-donor ligands. <i>Russian Chemical Bulletin</i> , 2017 , 66, 1618-1628	1.7	7
163	High-spin adducts of redox active 2,4,6,8-tetrakis(tert-butyl)phenoxazin-1-one with tetrahedral cobalt(II) complexes. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2016 , 42, 509-515	1.6	1
162	Reaction of Paramagnetic Synthone, 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, 14598-1604	4.8	15
161	Mono- and Dinuclear Rare-Earth Chlorides Ligated by a Mesityl-Substituted Diketimate. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 3666-3672	2.3	23
160	New heterospin chain-polymers based on Cu(hfac) ₂ complex with TEMPO derivatives bearing E(oxy)acrylate moiety: Synthesis, structural and magnetic properties. <i>Polyhedron</i> , 2016 , 119, 293-299	2.7	9
159	Bis-o-semiquinonato nickel complexes with pyridine and pyridine modified by nitronyl-nitroxide moiety. <i>Polyhedron</i> , 2016 , 119, 317-324	2.7	18

- 158 Mono- and heteroligand iron(II) complexes with tris(3,5-dimethylpyrazol-1-yl)methane. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2016**, 42, 711-718 1.6 3
- 157 Cu(II) complex with nitronyl nitroxide whose paramagnetism is suppressed by temperature decrease and/or pressure increase. *Journal of Materials Chemistry C*, **2016**, 4, 11157-11163 7.1 19
- 156 Synthesis, structure and properties of nitronyl nitroxide diradicals with fused-thiophene couplers. *Journal of Physical Organic Chemistry*, **2016**, 29, 725-734 2.1 16
- 155 Synthesis and structure of a tris-chelate Gd(III) complex with tridentate 2,4,6,8-tetrakis(tert-butyl)-9-hydroxyphenoxazinone ligands. *Mendeleev Communications*, **2016**, 26, 49-51¹⁻⁹ 4
- 154 New bis-o-iminosemiquinonate aluminium(III) complexes. *Inorganic Chemistry Communication*, **2016**, 66, 94-97 3.1 12
- 153 Binuclear bis(o-semiquinonato)cobalt(II) complexes with bridging tetradentate N-donor ligand. *Inorganica Chimica Acta*, **2016**, 440, 16-20 2.7 11
- 152 Stereo sensitivity of exchange interactions in Ni(II) and Cu(II) heterospin complexes with 5-formylpyrrolyl-substituted nitroxides. *Russian Chemical Bulletin*, **2016**, 65, 666-674 1.7 4
- 151 Bimetallic 3d⁸f⁰-molecules [MEu(ButCOO)5(1,10-phen)] (M = Zn²⁺, Co²⁺, phen is phenanthroline): synthesis, structure, luminescent and magnetic properties. *Russian Chemical Bulletin*, **2016**, 65, 1488-1494¹⁻⁷ 7
- 150 Heterospin Mn(II) complex as a reaction product of the redox-induced change in the ligand coordination mode. *Russian Chemical Bulletin*, **2016**, 65, 1167-1170 1.7 5
- 149 Synthesis of spin-labeled nitrophenol via substitution of a But group with the NO₂ group under mild conditions. *Russian Chemical Bulletin*, **2016**, 65, 1644-1647 1.7
- 148 A Copper-Nitroxide Adduct Exhibiting Separate Single Crystal-to-Single Crystal Polymerization-Depolymerization and Spin Crossover Transitions. *Inorganic Chemistry*, **2016**, 55, 5853-61⁵⁻¹ 30
- 147 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
- 146 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
- 145 Copper(II) complexes bearing o-iminosemiquinonate ligands with augmented aromatic substituents. *Polyhedron*, **2016**, 119, 286-292 2.7 14
- 144 Bis(o-aminosemiquinonato) Cobalt(II) and Nickel(II) Complexes with Neutral N-Heterocyclic Carbene Ligand: Synthesis, Structure and Magnetic Properties. *ChemistrySelect*, **2016**, 1, 2988-2992 1.8 3
- 143 Cobalt(II), nickel(II), and copper(II) bromide complexes with 3-amino-4-ethoxycarbonylpyrazole: Syntheses, structures, and magnetic properties. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2015**, 41, 86-92 1.6 3
- 142 New NIR-emissive tetranuclear Er(III) complexes with 4-hydroxy-2,1,3-benzothiadiazolate and dibenzoylmethanide ligands: synthesis and characterization. *Dalton Transactions*, **2015**, 44, 5727-34 4.3 22
- 141 Heteroligand o-Semiquinonato-Formazanato Cobalt Complexes. *Inorganic Chemistry*, **2015**, 54, 6078-80 5.1 24

140	Rhenium Complex with Noninnocent Dioxolene Ligand: Combined Experimental and ab Initio Study of [(3,5-di-tert-Bu ₂ C ₆ H ₂ O ₂)ReCl ₃ (OPPh ₃)]. <i>Inorganic Chemistry</i> , 2015 , 54, 6727-35	5.1	9
139	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
138	Spin crossover in heteroligand iron(II) complexes with iris(3,5-dimethylpyrazol-1-yl)methane. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2015 , 41, 189-196	1.6	3
137	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	
136	Nanostructured Polymetallic Powders to Create New Functional Materials on its Base. <i>Key Engineering Materials</i> , 2015 , 670, 49-54	0.4	11
135	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
134	Heterospin complex showing spin transition at room temperature. <i>Polyhedron</i> , 2015 , 100, 132-138	2.7	16
133	Effect of an additional functional group on the structure and properties of copper(II) and nickel(II) o-iminoquinone complexes. <i>Russian Chemical Bulletin</i> , 2015 , 64, 642-649	1.7	13
132	Diaryldichalcogenide radical cations. <i>Chemical Science</i> , 2015 , 6, 497-504	9.4	33
131	New bis-o-semiquinonato cobalt complexes with 1,10-phenanthroline ligands. <i>Polyhedron</i> , 2015 , 85, 165-171	1.7	9
130	1,1-Cyclohexanediacetate as New Bridging Ligand for Assembling of Homo- and Heterometallic Molecular Complexes with Cu II ₃ , Cu II ₂ Ln III ₂ (Ln = Sm or Gd) and Ni II ₂ Gd III ₂ Cores: Synthesis, Structure and Magnetic Properties. <i>Journal of Cluster Science</i> , 2015 , 26, 137-155	3	13
129	Structure and magnetic properties of bis-o-benzosemiquinonato zinc complexes. <i>Polyhedron</i> , 2015 , 102, 715-721	2.7	9
128	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
127	A New Method for the Synthesis of Heterospin Complexes. <i>Crystals</i> , 2015 , 5, 634-649	2.3	8
126	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
125	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
124	Coordination compounds of some 3d metals with 3-methyl-1-phenyl-4-formylpyrazol-5-one. <i>Russian Journal of Inorganic Chemistry</i> , 2014 , 59, 58-62	1.5	4
123	Steric influence of the 6-methyl group on the molecular and crystal structures of copper(II) chloride complexes with 2-(N-acetylamino)-6-methylpyridine. <i>Polyhedron</i> , 2014 , 77, 81-88	2.7	6

122	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
121	Thermodynamic properties of o-semiquinone complex of Co with Di-(2-pyridyl)amine in the temperature range T -j0 to 370 K. <i>Russian Journal of Physical Chemistry A</i> , 2014 , 88, 1-6	0.7	1
120	A biradical chelate Zn(II) complex with phenoxazin-1-one ligands. <i>Inorganica Chimica Acta</i> , 2014 , 410, 144-149	2.7	11
119	Synthesis, structures, sorption and magnetic properties of coordination polymers based on 3d metal pivalates and polydentate pyridine-type ligands. <i>Russian Chemical Bulletin</i> , 2014 , 63, 252-266	1.7	7
118	Bis- o -semiquinonato cadmium(II) complexes with o -quinonato and N-heterocyclic carbene neutral ligands. <i>Inorganic Chemistry Communication</i> , 2014 , 50, 1-3	3.1	7
117	The reactivity of o-amidophenolate indium(III) complexes towards different oxidants. <i>RSC Advances</i> , 2014 , 4, 42494-42505	3.7	17
116	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
115	Structure of [Dy(Phen)(C ₄ H ₈ NCS ₂) ₃][BCH ₂ Cl ₂] solvate. Magnetic properties and photoluminescence of [Ln(Phen)(C ₄ H ₈ NCS ₂) ₃] (Ln = Sm, Eu, Tb, Dy, Tm) complexes. <i>Journal of Structural Chemistry</i> , 2014 , 55, 319-326	0.9	8
114	Paramagnetic triangular rhenium sulfide cluster [Re ₃ S ₄ (Dppe) ₃ (NCS) ₃]Br. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2014 , 40, 200-204	1.6	2
113	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
112	Novel Dinuclear Redox-isomeric Complexes with a Tetrapodal Pyridine-based Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014 , 640, 2177-2182	1.3	10
111	Luminescence of the nitronyl nitroxide radical group in a spin-labelled pyrazolylquinoline. <i>Journal of Luminescence</i> , 2014 , 148, 33-38	3.8	11
110	Chloride ion-aided self-assembly of pseudoclathrochelate metal tris-pyrazoloximates. <i>Inorganic Chemistry</i> , 2014 , 53, 3062-71	5.1	23
109	Syntheses, structures, magnetic properties, and photoluminescence of compounds Ln(2,2'-Bipy)(C ₄ H ₈ NCS ₂) ₃ · 0.5CH ₂ Cl ₂ (Ln = Sm, Eu, Tb, Dy, and Tm). <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2014 , 40, 740-747	1.6	3
108	Binuclear terbium(iii) pivalates with 4,7-diphenyl-1,10-phenanthroline: synthesis, structure, thermal decomposition, and magnetic and luminescence properties. <i>Russian Chemical Bulletin</i> , 2014 , 63, 938-944	1.7	7
107	Structures and magnetic properties of new trinuclear Coll, Nill, and Cull complexes with trimethylacetate and 1,1-cyclohexanediacetate. <i>Russian Chemical Bulletin</i> , 2014 , 63, 1301-1307	1.7	3
106	Complexes of lanthanides with spin-labeled pyrazolylquinoline. <i>Russian Chemical Bulletin</i> , 2014 , 63, 1459-1464	1.7	5
105	Polymeric heterometallic dicarboxylates [MII _x (VIVO) _x L ₂ x(H ₂ O) _y] (MII = Ba, Mn; L = Me ₂ mal, Bupal) and their electrochemical study on solid and composite paste electrodes. <i>Polyhedron</i> , 2014 , 77, 47-56	2.7	19

104	C(sp ²)-coupled nitronyl nitroxide and iminonitroxide diradicals. <i>Chemistry - A European Journal</i> , 2014 , 20, 2793-803	4.8	18
103	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	
102	Structure of the complex of hexanuclear manganese pivalate with isonicotinamide. <i>Journal of Structural Chemistry</i> , 2013 , 54, 164-167	0.9	7
101	Structure of nanosize bimetals Fe-Co and Fe-Ni. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2013 , 77, 142-145	0.4	14
100	Thermodynamic properties of o-semiquinonato complexes of cobalt, nickel, and copper in the range T -j0 to 350 K. <i>Russian Journal of Physical Chemistry A</i> , 2013 , 87, 545-551	0.7	
99	Novel homoleptic bis-o-semiquinonato nickel complexes. <i>Inorganica Chimica Acta</i> , 2013 , 406, 153-159	2.7	9
98	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
97	Magnetic properties of new complexes of 3d metal chlorides with 3-amino-4-ethoxycarbonylpyrazole. <i>Journal of Structural Chemistry</i> , 2013 , 54, 713-718	0.9	4
96	Spin-labeled di(pyrazol-1-yl)methanimine. <i>Russian Chemical Bulletin</i> , 2013 , 62, 223-225	1.7	1
95	New magnetic material based on modified multi-walled carbon nanotubes and iron(III) derivatives. <i>Russian Chemical Bulletin</i> , 2013 , 62, 646-656	1.7	1
94	Spin transition in the molecular heterospin complex of Cu(hfac) ₂ with 4,4,5,5-tetramethyl-2-(1-methylpyrazol-5-yl)-4,5-dihydroimidazole-1-oxyl 3-oxide. <i>Russian Chemical Bulletin</i> , 2013 , 62, 661-671	1.7	3
93	Synthesis, structure, and properties of nitronyl nitroxyl tetradical with calix[4]arene framework. <i>Russian Chemical Bulletin</i> , 2013 , 62, 543-547	1.7	2
92	Synthesis, structure, and properties of a new representative of the family of calix[4]arene-containing [MnII 2MnIII 2]-clusters. <i>Russian Chemical Bulletin</i> , 2013 , 62, 536-542	1.7	4
91	New high-spin iron complexes based on bis(imino)acenaphthenes (BIAN): synthesis, structure, and magnetic properties. <i>Russian Chemical Bulletin</i> , 2013 , 62, 2122-2131	1.7	14
90	Spirocyclic derivatives of nitronyl nitroxides in the design of heterospin CuII complexes manifesting spin transitions. <i>Russian Chemical Bulletin</i> , 2013 , 62, 2132-2140	1.7	13
89	Complexes of CuII with nitroxides and their magnetochemical behavior. <i>Russian Chemical Bulletin</i> , 2013 , 62, 2337-2344	1.7	5
88	Step-by-step thermal transformations of a new porous coordination polymer [(H ₂ O) ₅ CuBa(Me ₂ mal) ₂] _n (Me ₂ mal ₂ =dimethylmalonate): Thermal degradation to barium cuprate. <i>Journal of Solid State Chemistry</i> , 2013 , 197, 379-391	3.3	27
87	Synthesis and characterization of new heterodinuclear (Eu,Tb) lanthanide pivalates. <i>Polyhedron</i> , 2013 , 50, 297-305	2.7	19

86	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
85	Temperature-dependent zero-field splitting in a copper(II) dimer studied by EPR. <i>Dalton Transactions</i> , 2013 , 42, 4513-21	4.3	11
84	Ferrocene- <i>o</i> -benzosemiquinonato tin(IV) electron-transfer complexes. <i>Inorganic Chemistry</i> , 2013 , 52, 5284-9	5.1	12
83	Synthesis, X-ray spectral, and magnetochemical study of copper complexes based on tridentate azomethines of 3-allylsalicylaldehyde. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2013 , 39, 347-352	1.6	1
82	Bis(toluene)chromium(I) [1,2,5]thiadiazolo[3,4- <i>c</i>][1,2,5]thiadiazolidyl and [1,2,5]thiadiazolo[3,4- <i>b</i>]pyrazinidyl: new heterospin (S ₁ = S ₂ = ½) radical-ion salts. <i>Inorganic Chemistry</i> , 2013 , 52, 6654-63	5.1	33
81	Bis- <i>o</i> -semiquinonato complexes of transition metals with 5,7-di- <i>tert</i> -butyl-2-(pyridine-2-yl)benzoxazole. <i>Polyhedron</i> , 2013 , 49, 239-243	2.7	13
80	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
79	New cobalt- and sodium-containing heteronuclear phosphonate clusters: Synthesis, structure and properties. <i>Polyhedron</i> , 2012 , 35, 116-123	2.7	8
78	Magnetic properties of spacer-armed dinuclear copper(II) complexes. <i>Russian Journal of Inorganic Chemistry</i> , 2012 , 57, 552-556	1.5	5
77	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
76	The interaction of N,N'-bis(2,6-dimethylphenyl)imidazol-2-ylidene with <i>o</i> -benzosemiquinonato zinc(II) and indium(III) complexes. <i>New Journal of Chemistry</i> , 2012 , 36, 1944	3.6	16
75	Syntheses, structures, and properties of the Co(II), Ni(II), and Cu(II) complexes with 5-carboxy- and 5-methoxycarbonylpyrazoles. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2012 , 38, 552-559	1.6	4
74	X-ray diffraction, magnetochemical, and quantum chemical study of the structure and properties of binuclear copper(II) complexes. <i>Russian Journal of General Chemistry</i> , 2012 , 82, 1770-1776	0.7	4
73	Synthesis, structure, electrochemical and magnetic properties of 2,6-bis(5-trifluoromethylpyrazol-3-yl)pyridine and its Ni(II) complexes. <i>Russian Chemical Bulletin</i> , 2012 , 61, 313-325	1.7	13
72	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
71	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
70	Crucial role of paramagnetic ligands for magnetostructural anomalies in "breathing crystals". <i>Inorganic Chemistry</i> , 2012 , 51, 9385-94	5.1	28
69	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

68	Novel tris-o-semiquinonato cobalt complexes, where quinonato fragments are modified by cyclic substituents. <i>Inorganica Chimica Acta</i> , 2012 , 392, 84-90	2.7	13
67	New sulfate-bridged dinuclear oxidovanadium complexes. <i>Inorganica Chimica Acta</i> , 2012 , 392, 192-198	2.7	16
66	Structure and magnetic properties of the copper(II) complexes with diacyl hydrazides of salicylic acid. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2012 , 38, 44-49	1.6	4
65	Heterometallic Complexes of Ruthenium and Lanthanides (Ce, Pr, Nd, Eu) with NO ₂ Bridges □ Synthesis, Structures, Properties. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 2298-2304	2.3	7
64	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
63	Dimeric paddle-wheel cymantrenylcarboxylates of copper (II). <i>Inorganica Chimica Acta</i> , 2012 , 384, 18-22	2.7	19
62	"Jumping crystals": oxygen-evolving metal-nitroxide complexes. <i>Inorganic Chemistry</i> , 2011 , 50, 4307-12	5.1	23
61	A novel route to spin-labeled dihydrooxepines and o-benzoquinones. <i>Russian Chemical Bulletin</i> , 2011 , 60, 2325-2330	1.7	7
60	Jumping crystals: structures and properties of Cu(I) complexes with N-methylimidazolyl- and N-methyltriazolyl-substituted nitronyl nitroxides. <i>Russian Chemical Bulletin</i> , 2011 , 60, 2457-2469	1.7	10
59	Molecular magnets based on chain polymer complexes of copper(II) bis(hexafluoroacetylacetonate) with isoxazolyl-substituted nitronyl nitroxides. <i>Russian Chemical Bulletin</i> , 2011 , 60, 2470-2484	1.7	7
58	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
57	Method for the synthesis of a stable heteroatom analog of trimethylenemethane. <i>Russian Chemical Bulletin</i> , 2011 , 60, 2608-2612	1.7	18
56	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). <i>Polyhedron</i> , 2011 , 30, 3232-3237	2.7	11
55	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
54	New dodecanuclear phenylphosphonate-bridged Co(II) complexes. <i>Polyhedron</i> , 2011 , 30, 2941-2949	2.7	10
53	New high-spin bis-o-semiquinonato cobalt(II) complexes with neutral donor ligands. <i>Inorganic Chemistry Communication</i> , 2011 , 14, 1661-1664	3.1	13
52	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
51	Copper(II) trinuclear complex with trimesic acid salicylidene hydrazone: Synthesis, structure, and magnetic properties. <i>Russian Journal of Inorganic Chemistry</i> , 2011 , 56, 600-605	1.5	2

50	Structure and magnetic properties of heterometallic coordination carboxylate polymers with cobalt and lithium atoms. <i>Crystallography Reports</i> , 2011 , 56, 842-847	0.6	8
49	Formation of cobalt- and lithium-containing heterometallic pyridonate carboxylate coordination polymers. <i>Russian Chemical Bulletin</i> , 2011 , 60, 273-279	1.7	7
48	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
47	Heterospin complexes based on cobalt semiquinolate with nitroxides. <i>Russian Chemical Bulletin</i> , 2011 , 60, 809-815	1.7	16
46	Bis(1,1,1,3,5,5,5-heptafluoro-4-iminopent-2-ene-2-aminato)copper(II) as a new metal-containing matrix in the design of heterospin systems. <i>Russian Chemical Bulletin</i> , 2011 , 60, 816-823	1.7	2
45	A Theoretical and Experimental Study of NMR Contrasting Properties of Nanocomposites Based on Ferric Oxides Stabilized by Arabinogalactan Matrix. <i>Applied Magnetic Resonance</i> , 2011 , 41, 525-536	0.8	13
44	Synthesis, structure, and magnetic properties of new pyridonateβivalate nickel(II) complex, [Ni11(OH)2(mhp)8(Piv)10(HCO2)2(H2O)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
43	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
42	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
41	Synthesis, structure and redox properties of new cobalt(II) and nickel(II) complexes with 6-ferrocenyl-2,2'-bipyridyl. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 2607-2610	2.3	9
40	Synthesis and characterization of Li(I)M(II) (M=Co, Ni) heterometallic complexes as molecular precursors for LiMO2. <i>Polyhedron</i> , 2011 , 30, 132-141	2.7	25
39	Ferro- and antiferromagnetic interactions in polymeric and molecular complexes of Cu(hfac)2 with 1-oxoazin-2-yl-substituted nitronyl nitroxides. <i>Polyhedron</i> , 2011 , 30, 647-653	2.7	14
38	Bimetallic single-source precursors [M(NH3)4][Co(C2O4)2(H2O)2]·2H2O (M=Pd, Pt) for the one run synthesis of CoPd and CoPt magnetic nanoalloys. <i>Polyhedron</i> , 2011 , 30, 1305-1312	2.7	30
37	New approach to synthesis of nitronyl and imino nitroxides based on SNH methodology. <i>Arkivoc</i> , 2011 , 2011, 76-98	0.9	19
36	Low-temperature heat capacity of Li x Ni2 k O2 solid solutions. <i>Inorganic Materials</i> , 2010 , 46, 1031-1037	0.9	1
35	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
34	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
33	Structure and Magnetic Properties of A Novel Complex of Copper(II) Chloride With 3-(Hydroxyiminomethyl)-5-(2,5-Dimethylphenyl)isoxazole. <i>Journal of Structural Chemistry</i> , 2010 , 51, 703-708	0.8	6

32	Structure and magnetic properties of novel chelate complexes of copper(II) and nickel(II) with nitroxide radical ethyl-2-(1-oxyl-2,2,5,5-tetramethylimidazolidin-4-ylidene)-3-oxopropanoate. <i>Journal of Structural Chemistry</i> , 2010 , 51, 916-922	0.9	1
31	Heterospin complexes of polynuclear NiII compounds containing hexafluoroacetylacetonate and pivalate ligands with nitroxides. <i>Russian Chemical Bulletin</i> , 2010 , 59, 337-341	1.7	
30	Carboxylate clusters with the M ₄ O ₄ cubane-like core: pivalate cocrystal containing CoII and NiII. <i>Russian Chemical Bulletin</i> , 2010 , 59, 699-705	1.7	7
29	Polynuclear CoII,III compounds containing pivalate and hexafluoroacetylacetonate anions in the ligand shell and their heterospin complexes with nitroxides. <i>Russian Chemical Bulletin</i> , 2010 , 59, 1152-1161	1.7	3
28	Heterospin complexes of fluorinated dinuclear CuII and MnII triketonates with nitroxides. <i>Russian Chemical Bulletin</i> , 2010 , 59, 1162-1174	1.7	4
27	Influence of the nature of organic ligands on the character of thermal decomposition products of CoII and NiII pivalate complexes with amino derivatives of pyridine. <i>Russian Chemical Bulletin</i> , 2010 , 59, 1175-1185	1.7	6
26	Magnetic activity of nanostructured biopolymeric nanomagnets. <i>Russian Chemical Bulletin</i> , 2010 , 59, 2318-2322	1.7	12
25	Synthesis, structure, solid-state thermolysis, and thermodynamic properties of new heterometallic complex Li ₂ Co ₂ (Piv) ₆ (NEt ₃) ₂ . <i>Journal of Solid State Chemistry</i> , 2010 , 183, 2475-2482	3.3	27
24	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
23	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
22	Mono- and Binuclear Dimethylthallium(III) Complexes with o-Benzoquinone-TTF-o-Benzoquinone Ligand; Synthesis, Spectroscopy and X-ray Study. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010 , 637, n/a-n/a	1.3	6
21	New tin(IV) complexes with sterically hindered o-aminobenzoquinone ligand: Synthesis and structure. <i>Heteroatom Chemistry</i> , 2009 , 20, 332-340	1.2	17
20	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
19	Pivalates with the MII ₄ O ₄ cubane core (M = Co, Ni): synthesis, structure, magnetic properties, and solid-state thermolysis. <i>Russian Chemical Bulletin</i> , 2009 , 58, 11-20	1.7	11
18	Coordination polymers based on CuII and MnII complexes with 2-hydroxy-3,6-di(tert-butyl)-1,4-benzoquinone. <i>Russian Chemical Bulletin</i> , 2009 , 58, 1139-1145	1.7	1
17	Dinuclear chelates of acyclic and cyclic tridentate Schiff bases derived from sterically hindered o-aminophenols. A new type of reactivity of tridentate ligands under electrosynthesis conditions. <i>Russian Chemical Bulletin</i> , 2009 , 58, 1383-1391	1.7	3
16	Synthesis, structure and magnetic properties of the pentanuclear complex [Fe ₂ (CN) ₁₂ Ni ₃ (L) ₆] ₂ ·7H ₂ O, where L is nitronyl nitroxide. <i>Journal of Structural Chemistry</i> , 2009 , 50, 1155-1158	0.9	4
15	Structure and magnetic properties of Cu(II) bischelate with spin-labeled aminoenal. <i>Journal of Structural Chemistry</i> , 2009 , 50, 1193-1196	0.9	

14	Chemical assembly of an antiferromagnetic macrocyclic molecule containing two inner Coll centers from polymeric cobalt pivalate. <i>Polyhedron</i> , 2009 , 28, 2010-2016	2.7	9
13	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
12	Novel indium(III) complexes with sterically hindered o-iminobenzoquinone. <i>Inorganic Chemistry Communication</i> , 2009 , 12, 1067-1070	3.1	27
11	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
10	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
9	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
8	Biradical with the non-linear diacetylene fragment. <i>Russian Chemical Bulletin</i> , 2008 , 57, 394-399	1.7	2
7	Polynuclear mixed-ligand Ni(II) complexes containing pivalate and hexafluoroacetylacetonate ligands: a new single-molecule magnet. <i>Russian Chemical Bulletin</i> , 2008 , 57, 1198-1205	1.7	9
6	Dodecanuclear Ni(II) complex containing pivalate and hexafluoroacetylacetonate ligands. <i>Russian Chemical Bulletin</i> , 2008 , 57, 2198-2200	1.7	1
5	Copper(II) complexes with pyrazolyl-substituted nitronyl and imino nitroxides. <i>Polyhedron</i> , 2008 , 27, 739-749	2.7	16
4	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
3	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
2	Heterospin mixed-ligand heterotrinary Coll, Gd(III), Coll complex with nitronyl nitroxide. <i>Russian Chemical Bulletin</i> , 2007 , 56, 1805-1808	1.7	7
1	Properties and structures of porphyrexides. <i>Russian Chemical Bulletin</i> , 2006 , 55, 457-463	1.7	3