

# Artem Bogomyakov

## List of Publications by Year in descending order

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2280  
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#	ARTICLE	IF	CITATIONS
1	Thermally Induced Magnetic Anomalies in Solvates of the Bis(hexafluoroacetylacetonate)copper(II) Complex with Pyrazolyl-Substituted Nitronyl Nitroxide. <i>Inorganic Chemistry</i> , 2008, 47, 9537-9552.	4.0	76
2	Relationship between the Thermally Induced Reorientations of Aromatic Solvate Molecules in Cu(hfac) <sub>2</sub> •Nitroxide Breathing Crystals and the Character of the Magnetic Anomaly. <i>Inorganic Chemistry</i> , 2011, 50, 6597-6609.	4.0	52
3	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, 12188-12194.	4.0	49
4	Ytterbium and Europium Complexes of Redox-Active Ligands: Searching for Redox Isomerism. <i>Inorganic Chemistry</i> , 2017, 56, 9825-9833.	4.0	46
5	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.	2.0	44
6	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.	2.8	42
7	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.	13.7	41
8	Diaryldichalcogenide radical cations. <i>Chemical Science</i> , 2015, 6, 497-504.	7.4	40
9	Heterospin •Heterocyclic Radical-Anion Salt: Synthesis, Structure, and Magnetic Properties of Decamethylchromocenium [1,2,5]Thiadiazolo[3,4- <i>c</i> ][1,2,5]thiadiazolidyl. <i>Inorganic Chemistry</i> , 2010, 49, 7558-7564.	4.0	39
10	A Copper•Nitroxide Adduct Exhibiting Separate Single Crystal-to-Single Crystal Polymerization•Depolymerization and Spin Crossover Transitions. <i>Inorganic Chemistry</i> , 2016, 55, 5853-5861.	4.0	36
11	Bis(toluene)chromium(II) [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) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 35 6654-6663.	4.0	35
12	Crucial Role of Paramagnetic Ligands for Magnetostructural Anomalies in •Breathing Crystals•. <i>Inorganic Chemistry</i> , 2012, 51, 9385-9394.	4.0	34
13	Bimetallic single-source precursors [M(NH <sub>3</sub> ) <sub>4</sub> ][Co(C <sub>2</sub> O <sub>4</sub> ) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ]•2H <sub>2</sub> O (M=Pd, Pt) for the one run synthesis of CoPd and CoPt magnetic nanoalloys. <i>Polyhedron</i> , 2011, 30, 1305-1312.	2.2	33
14	Step-by-step thermal transformations of a new porous coordination polymer [(H <sub>2</sub> O) <sub>5</sub> CuBa(Me <sub>2</sub> mal) <sub>2</sub> ] <sub>n</sub> (Me <sub>2</sub> mal <sup>2-</sup> =dimethylmalonate): Thermal degradation to barium cuprate. <i>Journal of Solid State Chemistry</i> , 2013, 197, 379-391.	2.9	33
15	Cobalt complexes with hemilabile•o-aminobenzoquinonate ligands: a novel example of redox-induced electron transfer. <i>Dalton Transactions</i> , 2018, 47, 15049-15060.	3.3	33
16	Dinuclear lanthanide•lithium complexes based on fluorinated •2-diketonate with acetal group: magnetism and effect of crystal packing on mechanoluminescence. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 40-49.	6.0	33
17	Novel indium(III) complexes with sterically hindered o-aminobenzoquinone. <i>Inorganic Chemistry Communication</i> , 2009, 12, 1067-1070.	3.9	32
18	Synthesis and molecular structure of indium complexes based on 3,6-di-tert-butyl-o-benzoquinone. Looking for indium(IV) o-semiquinolate. <i>Dalton Transactions</i> , 2011, 40, 718-725.	3.3	32

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19	Valenceâ€“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.	4.0	32
20	Synthesis, structure, solid-state thermolysis, and thermodynamic properties of new heterometallic complex Li <sub>2</sub> Co <sub>2</sub> (Piv) <sub>6</sub> (NEt <sub>3</sub> ) <sub>2</sub> . <i>Journal of Solid State Chemistry</i> , 2010, 183, 2475-2482.	2.9	31
21	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.	2.2	31
22	Chloride Ion-Aided Self-Assembly of Pseudoclathrochelate Metal Tris-pyrazoloximates. <i>Inorganic Chemistry</i> , 2014, 53, 3062-3071.	4.0	30
23	Synthesis and characterization of Li(I)â€“M(II) (M = Co, Ni) heterometallic complexes as molecular precursors for LiMO <sub>2</sub> . <i>Polyhedron</i> , 2011, 30, 132-141.	2.2	29
24	Cu( <i>scp</i> ) 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.	5.5	29
25	Indirect Magnetic Exchange between <i>o</i> -Iminosemiquinonate Ligands Controlled by Apical Substituent in Pentacoordinated Gallium(III) Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 6090-6099.	4.0	28
26	Monoâ€“and Dinuclear Rareâ€“Earth Chlorides Ligated by a Mesitylâ€“Substituted Î²â€“Diketimate. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3666-3672.	2.0	28
27	Ferromagnetically Coupled <i>S</i> = 1 Chains in Crystals of Verdazylâ€“Nitronyl Nitroxide Diradicals. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20704-20710.	13.8	28
28	Synthesis, molecular and crystal structure, magnetic properties, luminescence, and solid-phase thermolysis of binuclear Ln(III) pivalates with 2,2â€“dipyridyl and 1,10-phenanthroline molecules. <i>Russian Journal of Inorganic Chemistry</i> , 2009, 54, 668-685.	1.3	27
29	Heteroligand <i>o</i> -Semiquinonato-Formazanato Cobalt Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 6078-6080.	4.0	27
30	Heterospin complex showing spin transition at room temperature. <i>Polyhedron</i> , 2015, 100, 132-138.	2.2	27
31	Substitution of a Fluorine Atom in Perfluorobenzonitrile by a Lithiated Nitronyl Nitroxide. <i>Journal of Organic Chemistry</i> , 2017, 82, 4179-4185.	3.2	27
32	(Azuleneâ€“1,3â€“diyl)â€“bis(nitronyl nitroxide) and (Azuleneâ€“1,3â€“diyl)â€“bis(iminonitroxide) and Their Copper Complexes. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2929-2941.	3.3	27
33	New magnetically active metal complexes of tridentate Schiff bases of phenylazosalicylaldehyde. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2009, 35, 486-491.	1.0	26
34	Novel polynuclear architectures incorporating Co <sup>2+</sup> and K <sup>+</sup> ions bound by dimethylmalonate anions: Synthesis, structure, and magnetic properties. <i>Inorganica Chimica Acta</i> , 2013, 396, 108-118.	2.4	26
35	â€“Jumping Crystalsâ€“ Oxygen-Evolving Metal-Nitroxide Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 4307-4312.	4.0	25
36	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.	3.3	25

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37	Synthesis and Properties of the Heterospin ( $\langle S \rangle = \langle S \rangle$ ) $T_j$ ETQq1 1 0.784314 rgBT /Overlock 10 [1,2,5]Thiadiazolo[3,4-c][1,2,5]thiadiazolidyl. Inorganic Chemistry, 2015, 54, 7007-7013.	4.0	25
38	New approach to synthesis of nitronyl and imino nitroxides based on SNH methodology. Arkivoc, 2011, 2011, 76-98.	0.5	25
39	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. Russian Chemical Bulletin, 2011, 60, 449-455.	1.5	24
40	Synthesis, structure, thermal behavior, thermodynamic, magnetic and luminescent properties of Pr, Sm, Eu, and Gd cymantrenecarboxylates. Polyhedron, 2012, 43, 36-46.	2.2	24
41	C(sp <sup>2</sup> )-Coupled Nitronyl Nitroxide and Iminonitroxide Diradicals. Chemistry - A European Journal, 2014, 20, 2793-2803.	3.3	24
42	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.	1.0	24
43	Copper(II) complexes with pyrazolyl-substituted nitronyl and imino nitroxides. Polyhedron, 2008, 27, 739-749.	2.2	23
44	Coordination polymer $[\text{Li}_2\text{Co}_2(\text{Piv})_6(\frac{1}{4}\text{-L})_2]_n$ (L=2-amino-5-methylpyridine) as a new molecular precursor for LiCoO <sub>2</sub> cathode material. Polyhedron, 2009, 28, 3628-3634.	2.2	23
45	Synthesis, structure, solid-state thermal decomposition and magnetic properties of binuclear Nd, Gd and Eu cymantrenecarboxylates. Polyhedron, 2011, 30, 2523-2529.	2.2	23
46	A novel sulfur-nitrogen-heterocyclic radical anion, (6H-1,2,3-benzodithiazol-6-ylidene)malononitrilidyl, and its homo- and heterospin salts. Polyhedron, 2014, 72, 43-49.	2.2	23
47	New NIR-emissive tetranuclear Er(III) complexes with 4-hydroxy-2,1,3-benzothiadiazolate and dibenzoylmethanide ligands: synthesis and characterization. Dalton Transactions, 2015, 44, 5727-5734.	3.3	23
48	Dimeric paddle-wheel-cymantrenylcarboxylates of copper (II). Inorganica Chimica Acta, 2012, 384, 18-22.	2.4	22
49	Method for the synthesis of a stable heteroatom analog of trimethylenemethane. Russian Chemical Bulletin, 2011, 60, 2608-2612.	1.5	21
50	Polymeric heterometallic dicarboxylates $[\text{MII}_x(\text{VIVO})_x\text{L}_2x(\text{H}_2\text{O})_y]$ (MII=Ba, Mn; L=Me <sub>2</sub> mal, Bumal) and their electrochemical study on solid and composite paste electrodes. Polyhedron, 2014, 77, 47-56.	2.2	21
51	Bis-o-semiquinonato nickel complexes with pyridine and pyridine modified by nitronyl-nitroxide moiety. Polyhedron, 2016, 119, 317-324.	2.2	21
52	Binuclear samarium(III) pivalates with chelating N-donors: Synthesis, structure, thermal behavior, magnetic and luminescent properties. Polyhedron, 2013, 65, 152-160.	2.2	20
53	Synthesis and characterization of new heterodinuclear (Eu,Tb) lanthanide pivalates. Polyhedron, 2013, 50, 297-305.	2.2	20
54	The reactivity of o-amidophenolate indium(III) complexes towards different oxidants. RSC Advances, 2014, 4, 42494-42505.	3.6	20

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55	Structures and Magnetic Properties of Group 13 Metal Tris(oxo)benzosemiquinonato Complexes. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 3252-3258.	2.0	20
56	Pentacoordinated chloro-bis-o-iminosemiquinonato Mn and Fe complexes. <i>Journal of Molecular Structure</i> , 2018, 1165, 51-61.	3.6	20
57	Tetrahedral nickel(ii) and cobalt(ii) bis-o-iminobenzosemiquinonates. <i>Dalton Transactions</i> , 2019, 48, 10723-10732.	3.3	20
58	Ferromagnetically Coupled Molecular Complexes with a Co II 2 Gd III Pivalate Core: Synthesis, Structure, Magnetic Properties and Thermal Stability. <i>ChemistrySelect</i> , 2019, 4, 14261-14270.	1.5	20
59	2D-metal-organic coordination polymers of lanthanides (La, Pr) and Tj ETQq1 1 0,784314 ggBT /Over	2.6	20
60	New tin(IV) complexes with sterically hindered oxoiminobenzoquinone ligand: Synthesis and structure. <i>Heteroatom Chemistry</i> , 2009, 20, 332-340.	0.7	19
61	Ferro- and antiferromagnetic interactions in polymeric and molecular complexes of Cu(hfac) <sub>2</sub> with 1-oxoazin-2-yl-substituted nitronyl nitroxides. <i>Polyhedron</i> , 2011, 30, 647-653.	2.2	19
62	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.	2.8	19
63	Synthesis, structure and properties of nitronyl nitroxide diradicals with fused thiophene couplers. <i>Journal of Physical Organic Chemistry</i> , 2016, 29, 725-734.	1.9	19
64	Pressure-Controlled Migration of Paramagnetic Centers in a Heterospin Crystal. <i>Inorganic Chemistry</i> , 2019, 58, 9187-9194.	4.0	19
65	The chemical and electrochemical reduction of heteroligand o-semiquinonato-formazanato cobalt complexes. <i>Inorganica Chimica Acta</i> , 2019, 489, 1-7.	2.4	19
66	Understanding Hysteresis in Carbon Dioxide Sorption in Porous Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2019, 58, 6811-6820.	4.0	19
67	1D nickel(II) coordination polymer with pyrimidine and pivalate bridges: Synthesis, structure and magnetic properties. <i>Inorganic Chemistry Communication</i> , 2010, 13, 498-501.	3.9	18
68	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.	1.0	18
69	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.	1.5	18
70	Reaction of Paramagnetic Synthon, Lithiated 4,4,5,5-tetramethyl-4,5-dihydro-1H-imidazol-1-yl 3-oxide, with Cyclic Aldonitrone of the Imidazole Series. <i>Chemistry - A European Journal</i> , 2016, 22, 14598-14604.	3.3	18
71	Ferromagnetic Coupling in the Heterospin Bis-Catecholato-Manganese(IV) Complex with Pyridine Substituted by Nitronyl-nitroxide. <i>Inorganic Chemistry</i> , 2017, 56, 2426-2431.	4.0	18
72	Variable coordination of tris(2-pyridyl)phosphine and its oxide toward M(hfac) <sub>2</sub> : a metal-specifiable switching between the formation of mono- and bis-scorpionate complexes. <i>Dalton Transactions</i> , 2017, 46, 5965-5975.	3.3	18

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73	Ln( $\lambda$ -phenanthroline) complexes (Ln = Eu, Gd, Tb, Dy) with a chiral ligand containing 1,10-phenanthroline and (1R)-menthol fragments: synthesis, structure, magnetic properties and photoluminescence. Dalton Transactions, 2017, 46, 11440-11450.	3.3	18
74	Chemical Design of Heterometallic Coordination Polymers Based on {Cu(Me <sub>2</sub> mal) <sub>2</sub> } Fragment. European Journal of Inorganic Chemistry, 2017, 2017, 547-562.	2.0	18
75	Coordination polymers of cobalt(II) with pyrimidine and pyrazine: Syntheses, structures and magnetic properties. Inorganic Chemistry Communication, 2008, 11, 1015-1018.	3.9	17
76	Synthesis, structure, and magnetic properties of heterometallic trinuclear complexes {MII(LnIII)MII} (MII = Ni, Cu; LnIII = La, Pr, Sm, Eu, Gd). Russian Chemical Bulletin, 2011, 60, 2490-2503.	1.5	17
77	New high-spin bis-o-semiquinonato cobalt(II) complexes with neutral donor ligands. Inorganic Chemistry Communication, 2011, 14, 1661-1664.	3.9	17
78	Heterospin complexes based on cobalt semiquinolate with nitroxides. Russian Chemical Bulletin, 2011, 60, 809-815.	1.5	17
79	Structure of nanosize bimetal Fe-Co and Fe-Ni. Bulletin of the Russian Academy of Sciences: Physics, 2013, 77, 142-145.	0.6	17
80	Spirocyclic derivatives of nitronyl nitroxides in the design of heterospin CuII complexes manifesting spin transitions. Russian Chemical Bulletin, 2013, 62, 2132-2140.	1.5	17
81	Ferrocene-Benzosemiquinonato Tin(IV) Electron-Transfer Complexes. Inorganic Chemistry, 2013, 52, 5284-5289.	4.0	17
82	Sn(IV) complexes with bi- and tridentate phenoxazin-1-one ligands: Synthesis, structure and magnetic properties. Inorganica Chimica Acta, 2014, 418, 66-72.	2.4	17
83	Dinuclear copper(II) complex with novel N,N'-O-tetradentate Schiff base ligand containing trifluoromethylpyrazole and hydrazone moieties. Mendeleev Communications, 2018, 28, 202-204.	1.6	17
84	Synthesis of four-, five-, and six-coordinate cobalt(III) bis-o-aminobenzosemiquinone complexes. Russian Chemical Bulletin, 2019, 68, 757-769.	1.5	17
85	New sulfate-bridged dinuclear oxidovanadium complexes. Inorganica Chimica Acta, 2012, 392, 192-198.	2.4	16
86	Bis-o-semiquinonato complexes of transition metals with 5,7-di-tert-butyl-2-(pyridine-2-yl)benzoxazole. Polyhedron, 2013, 49, 239-243.	2.2	16
87	The Use of Malonate Coordination Polymers with Culland BallAtoms for Barium Cuprate Preparation. European Journal of Inorganic Chemistry, 2015, 2015, 3116-3127.	2.0	16
88	Synthesis and magnetic properties of iron(II) closo-borate complexes with tris(3,5-dimethylpyrazol-1-yl)methane. Russian Journal of Inorganic Chemistry, 2015, 60, 786-789.	1.3	16
89	Ladder coordination polymers built from [Re4Q4(CN)12]4- cluster anions (Q = S, Se, Te) and [Gd(phen)(H2O)3Gd(phen)(H2O)2(1/4-OH)2]4+ dimeric cationic fragments. Polyhedron, 2016, 115, 174-179.	2.2	16
90	Synthesis and magnetic and cytotoxic properties of copper( $\lambda$ -phenanthroline) halide complexes with 1,2,4-triazolo[1,5-a] benzimidazoles. New Journal of Chemistry, 2017, 41, 4341-4347.	2.8	16

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91	Molecular magnets based on chain polymer complexes of copper(II) bis(hexafluoroacetylacetonate) with isoxazolyl-substituted nitronyl nitroxides. Russian Chemical Bulletin, 2011, 60, 2470-2484.	1.5	15
92	Synthesis, structure, electrochemical and magnetic properties of 2,6-bis(5-trifluoromethylpyrazol-3-yl)pyridine and its Ni(II) complexes. Russian Chemical Bulletin, 2012, 61, 313-325.	1.5	15
93	Novel 1D coordination polymer {Tm(Piv) <sub>3</sub> } <sub>n</sub> : Synthesis, structure, magnetic properties and thermal behavior. Journal of Solid State Chemistry, 2012, 185, 49-55.	2.9	15
94	1,1-Cyclohexanediacetate as New Bridging Ligand for Assembling of Homo- and Heterometallic Molecular Complexes with Cu(II), Cu(II) Ln(III) (Ln = Sm or Gd) and Ni(II) Gd(III) Cores: Synthesis, Structure and Magnetic Properties. Journal of Cluster Science, 2015, 26, 137-155.	3.3	15
95	Copper(II) complexes bearing o-iminosemiquinonate ligands with augmented aromatic substituents. Polyhedron, 2016, 119, 286-292.	2.2	15
96	36-Nuclear anionic dimethylmalonate complexes of nickel(II) and cobalt(II) with cation of NBu <sub>4</sub> <sup>+</sup> : Synthesis, structure and magnetic properties. Polyhedron, 2017, 130, 67-74.	2.2	15
97	Novel vanadium complexes supported by a bulky tris(pyrazolyl)borate ligand. Polyhedron, 2017, 129, 60-64.	2.2	15
98	Phase Composition and Magnetic Properties of Nanostructured Fe-Co-Ni Powders. Physica Status Solidi (B): Basic Research, 2018, 255, 1700175.	1.5	15
99	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.	2.0	15
100	New Cascade Syntheses of Nitronyl Nitroxides and a New Synthetic Approach to Imino Nitroxides. European Journal of Organic Chemistry, 2009, 2009, 2548-2561.	2.4	14
101	Synthesis, structure, physicochemical properties, and solid-phase thermolysis of Co <sub>2</sub> Sm(Piv) <sub>7</sub> (2,4-Lut) <sub>2</sub> . Russian Journal of Inorganic Chemistry, 2009, 54, 548-557.	1.3	14
102	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.	1.2	14
103	Novel tris-o-semiquinonato cobalt complexes, where quinonato fragments are modified by cyclic substituents. Inorganica Chimica Acta, 2012, 392, 84-90.	2.4	14
104	Luminescence of the nitronyl nitroxide radical group in a spin-labelled pyrazolylquinoline. Journal of Luminescence, 2014, 148, 33-38.	3.1	14
105	The First Series of Heterometallic Ln(III)-V(IV) Complexes Based on Substituted Malonic Acid Anions: Synthesis, Structure and Magnetic Properties. European Journal of Inorganic Chemistry, 2018, 2018, 5075-5090.	2.0	14
106	Spin transition characteristics of molecular solvates of Cu(II) complexes with nitroxides: sensitivity to the packing type. Russian Chemical Bulletin, 2019, 68, 732-742.	1.5	14
107	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.	2.2	14
108	Homoligand Tris-o-Dioxolene Complexes. Peculiarities of the Molecular Structures and Magnetic Properties. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2020, 46, 224-240.	1.0	14

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109	Magnetic activity of nanostructured biopolymeric nanomagnets. Russian Chemical Bulletin, 2010, 59, 2318-2322.	1.5	13
110	“Jumping” crystals: structures and properties of CuII complexes with N-methylimidazolyl- and N-methyltriazolyl-substituted nitronyl nitroxides. Russian Chemical Bulletin, 2011, 60, 2457-2469.	1.5	13
111	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.	2.2	13
112	Structure and magnetic properties of bis-o-benzosemiquinonato zinc complexes. Polyhedron, 2015, 102, 715-721.	2.2	13
113	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.	1.5	13
114	Pentacoordinated bis- o -benzosemiquinonato zinc complexes with different N-ligands: Structure and magnetic properties. Inorganica Chimica Acta, 2017, 455, 213-220.	2.4	13
115	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.	2.2	13
116	Novel homoleptic bis-o-semiquinonato nickel complexes. Inorganica Chimica Acta, 2013, 406, 153-159.	2.4	12
117	Temperature-dependent zero-field splitting in a copper(ii) dimer studied by EPR. Dalton Transactions, 2013, 42, 4513.	3.3	12
118	A biradical chelate Zn(II) complex with phenoxazin-1-one ligands. Inorganica Chimica Acta, 2014, 410, 144-149.	2.4	12
119	Nanostructured Polymetallic Powders to Create New Functional Materials on its Base. Key Engineering Materials, 0, 670, 49-54.	0.4	12
120	New heterospin chain-polymers based on Cu(hfac)2 complex with TEMPO derivatives bearing $\hat{1}^2$ -(oxy)acrylate moiety: Synthesis, structural and magnetic properties. Polyhedron, 2016, 119, 293-299.	2.2	12
121	New bis-o-iminosemiquinonate aluminium(III) complexes. Inorganic Chemistry Communication, 2016, 66, 94-97.	3.9	12
122	Simultaneous Introduction of Two Nitroxides in the Reaction: A New Approach to the Synthesis of Heterospin Complexes. Inorganic Chemistry, 2017, 56, 14567-14576.	4.0	12
123	Mixed Phenyl and Thiophene Oligomers for Bridging Nitronyl Nitroxides. Journal of Organic Chemistry, 2017, 82, 7764-7773.	3.2	12
124	Aromatic SNF-Approach to Fluorinated Phenyl tert-Butyl Nitroxides. Molecules, 2019, 24, 4493.	3.8	12
125	Metal-Organic Frameworks Derived from Calcium and Strontium Complexes of a Redox-Active Ligand. Inorganic Chemistry, 2021, 60, 3238-3248.	4.0	12
126	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.	1.5	11



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