

Pavlina Bourosh

List of Publications by Year in Descending Order

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

74
papers

493
citations

11
h-index

17
g-index

75
ext. papers

529
ext. citations

1.9
avg, IF

3.23
L-index

#	Paper	IF	Citations
74	Synthesis, characterization, and biological activity of novel 3d metal coordination compounds with 2-acetylpyridine N4-allyl-S-methylisothiosemicarbazone. <i>Applied Organometallic Chemistry</i> , 2021 , 35, e6172	3.1	2
73	Advances in new multicomponent crystal system: structure, thermal kinetic analysis, photoluminescent, and biological activity investigations. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 142, 191-201	4.1	3
72	Synthesis and structure of zinc(II) and cobalt(II) coordination polymers involving the elongated 2,2',3,3',5,5',6,6' tetramethylterphenyl-4, 4'-dicarboxylate ligand. <i>Inorganica Chimica Acta</i> , 2020 , 506, 119500	2.7	5
71	-Aminobenzoate Organic Salts as Potential Plant Growth Regulators for Tomatoes. <i>Molecules</i> , 2020 , 25,	4.8	4
70	The role of 4-nitrobenzoic acid polymorphs in the crystallization process of organic acidBase multicomponent systems. <i>CrystEngComm</i> , 2019 , 21, 6038-6047	3.3	7
69	New Zn(II) and Cd(II) Coordination Polymers with 1,2-Benzenedicarboxylic Acid: Synthesis and Structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019 , 45, 81-91	1.6	
68	Synthesis and Crystal Structure of [Co(DmgH) ₂ (Thio) ₂] ₂ F[PF ₆]. The Effect of Fluorine-Containing Co(III) Dioximates on the Physiological Processes of the Microalga <i>Porphyridium cruentum</i> . <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019 , 45, 200-207	1.6	2
67	Coordination Polymers of Zn and Cd Based on Two Isomeric Azine Ligands: Synthesis, Crystal Structures, and Luminescence Properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019 , 45, 11-21	1.6	9
66	A new supramolecular isomer of p-aminobenzoate Zn(II) coordination polymer: Structure and photoluminescent property. <i>Polyhedron</i> , 2019 , 171, 502-507	2.7	4
65	New Ni(II) and Co(II) Complexes with 2-Benzoylpyridine: Syntheses and Crystal Structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019 , 45, 804-808	1.6	1
64	Dianilineglyoxime Salt and Its Binuclear Zn(II) and Mn(II) Complexes with 1,3-Benzenedicarboxylic Acid: Synthesis and Structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019 , 45, 843-855	1.6	4
63	Ethylethanolammonium 4-nitrobenzoate. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018 , 134, 343-352.	4.1	10
62	Oxido- and Dioxidovanadium(V) Complexes with O-vanillin Semicarbazone: Synthesis and Crystal Structure. <i>Chemistry Journal of Moldova</i> , 2018 , 13, 36-45	0.9	
61	Mixed-ligand coordination compounds based on the rigid 4,4'-bis(1-imidazolyl)biphenyl and pyridinedicarboxylate ligands. <i>Inorganica Chimica Acta</i> , 2018 , 482, 526-534	2.7	12
60	Iron(II) Bis-Benzoyldioximate Complexes with 3- and 4-Pyridine Hemiacetals as Axial Ligands: Synthesis, Structure, and Physicochemical Properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2018 , 44, 507-517	1.6	4
59	Crystal structure of Co(III) Dimethylglyoximates with imidazole. <i>Journal of Structural Chemistry</i> , 2017 , 58, 526-531	0.9	
58	Synthesis, crystal structure, and biological properties of the complex [Co(DmgH) ₂ (Seu) _{1.4} (Se-Seu) _{0.5} (Se ₂) _{0.1}][BF ₄]. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2017 , 43, 164-171	1.6	3

57	Cobalt(II) complexes with pentadentate Schiff bases 2,6-diacetylpyridine hydrazones: Syntheses and structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2017 , 43, 21-36	1.6	5
56	Synthesis, structure, and biological properties of mixed cobalt(III) dioximates with guanidine derivatives. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2017 , 43, 591-599	1.6	0
55	Synthesis and structure of new Zn(II) and Co(II) coordination polymers with 1,3,5-benzenetricarboxylic acid. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2017 , 43, 745-752	1.6	2
54	Synthesis, structure and toxicity evaluation of ethanolamine nitro/chloronitrobenzoates: a combined experimental and theoretical study. <i>Chemistry Central Journal</i> , 2017 , 11, 129		10
53	Synthesis and characterization of inner-sphere substitution products in azide-containing Cobalt(III) dioximates. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2016 , 42, 516-538	1.6	3
52	Discrete Binuclear Cobalt(III) Bis-dioximates with Wheel-and-Axle Topology as Building Blocks To Afford Porous Supramolecular Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2016 , 16, 814-820	3.5	13
51	Structure and Some Biological Properties of Fe(III) Complexes with Nitrogen-Containing Ligands. <i>Chemistry Journal of Moldova</i> , 2016 , 11, 39-49	0.9	5
50	Mono- and dinuclear vanadium complexes with the pentadentate schiff base 2,6-diacetylpyridine bis(nicotinylhydrazone): Synthesis and structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2016 , 42, 157-165	1.6	8
49	Specificity of salicylaldehyde S-alkylisothiosemicarbazones coordination in palladium(II) complexes. <i>Polyhedron</i> , 2014 , 80, 250-255	2.7	10
48	Synthesis and crystal structure of [La(NO ₃) ₃ (H ₂ O) ₂ (BiPy)] _n ·1.5(BiPy). <i>Journal of Structural Chemistry</i> , 2014 , 55, 107-111	0.9	1
47	Synthesis and structure of new copper(II) coordination compounds with 8-quinoline aldehyde semicarbazones and thiosemicarbazones. <i>Russian Journal of Inorganic Chemistry</i> , 2014 , 59, 545-557	1.5	3
46	Effects of Anion and Bipyridyl Bridging Ligand Identity on the Co(II) Coordination Networks. <i>Crystal Growth and Design</i> , 2014 , 14, 3015-3025	3.5	18
45	Cobalt(III) and nickel(II) complexes with 3-hydroxyamino-3-methylbutan-2-one thiosemicarbazone: Synthesis and structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2014 , 40, 891-903	1.6	2
44	Synthesis and structure of new mononuclear octahedral cobalt(III) dioximates derived from isonicotinic hydrazide. <i>Journal of Molecular Structure</i> , 2014 , 1063, 274-282	3.4	4
43	Synthesis, crystal structure and biological activity of 2-hydroxyethylammonium salt of p-aminobenzoic acid. <i>PLoS ONE</i> , 2014 , 9, e101892	3.7	31
42	New Co(III) dioximates with hexafluorophosphate ion as stimulators of the proteolytic activity of the micromycete <i>Fusarium gibbosum</i> CNMN FD 12. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2013 , 39, 777-786	1.6	10
41	Supramolecular Assembly and Ab Initio Quantum Chemical Calculations of 2-Hydroxyethylammonium Salts of para-Substituted Benzoic Acids. <i>Crystal Growth and Design</i> , 2013 , 13, 143-154	3.5	15
40	Synthesis and structure of new thiourea-containing Cobalt(III) dioximates with the [TiF ₆] ²⁻ anion. <i>Russian Journal of Inorganic Chemistry</i> , 2013 , 58, 440-449	1.5	4

39	Nickel(III) Complex Derived from 2-Hydroxy-3-Methoxybenzaldehyde Semicarbazone and 2,2-Bipyridine. <i>Chemistry Journal of Moldova</i> , 2013 , 8, 78-82	0.9	1
38	Asymmetric and symmetric cobalt(III) dioximates with pyrazinecarboxamide: Synthesis and crystal structure. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2012 , 38, 461-470	1.6	2
37	Synthesis and crystal structure of Co(III) dioximates with the complex anion [SbF ₆] ⁻ . <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2012 , 38, 545-551	1.6	6
36	Cobalt(III) azide dimethylglyoximates with some sulfanilamide derivatives: Synthesis and crystal structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2012 , 38, 623-633	1.6	3
35	Cobalt(III) dimethylglyoximates containing selenourea and an unusual diselenourea ligand: Synthesis and structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2011 , 37, 757-765	1.6	10
34	Synthesis and structure of cobalt(II) dioximate complexes with isonicotinamide. <i>Russian Journal of Inorganic Chemistry</i> , 2011 , 56, 1050-1059	1.5	4
33	New template reactions of salicylaldehyde S-methyl-isothiosemicarbazone with 2-formylpyridine promoted by Ni(II) or Cu(II) metal ions. <i>Inorganica Chimica Acta</i> , 2011 , 368, 157-164	2.7	5
32	Structural evidence of [Rh(Thio) ₆] ³⁺ and [Rh(Thio) ₅ Cl] ²⁺ cations in three novel ionic systems based on Co(III) dioximates. <i>Journal of Molecular Structure</i> , 2011 , 998, 198-205	3.4	11
31	Synthesis and structure of copper(II) coordination compounds with 8-quinolinecarboxaldehyde thio- and 4-phenylthiosemicarbazones. <i>Russian Journal of Inorganic Chemistry</i> , 2010 , 55, 1387-1397	1.5	5
30	Synthesis and crystal structure of cobalt(III) dioximates with pyrazine. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2010 , 36, 204-212	1.6	2
29	Synthesis, crystal structure and characterizations of iron(III) and copper(II) complexes with the hydrazone ligand obtained from 2-formyl-pyridine and Girard T reagent. <i>Inorganica Chimica Acta</i> , 2010 , 363, 2561-2566	2.7	10
28	Structure of quinoline-8-aldehyde S-methyl thiosemicarbazone dihydrochloride. <i>Journal of Structural Chemistry</i> , 2009 , 50, 181-184	0.9	8
27	Molecular and crystal structure of quinoline-2-aldehyde thiosemicarbazone. <i>Journal of Structural Chemistry</i> , 2009 , 50, 510-513	0.9	12
26	Iron(II) complexes [Fe(DfgH) ₂ (3-CONH ₂ -Py) ₂] and [Fe(DfgH) ₂ (4-COOC ₂ H ₅ -Py) ₂]: Synthesis and structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2009 , 35, 352-359	1.6	3
25	Supramolecular structure organization and the biological properties of [Co(DH) ₂ (PP) ₂][BF ₄]. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2009 , 35, 751-757	1.6	10
24	Copper(II) coordination compounds with 8-quinolinaldehyde semicarbazone: Synthesis and structure. <i>Russian Journal of Inorganic Chemistry</i> , 2009 , 54, 530-538	1.5	6
23	Versatility and reactivity of salicylaldehyde S-methylisothiosemicarbazone in palladium(II) complexes. <i>Russian Journal of Inorganic Chemistry</i> , 2009 , 54, 698-707	1.5	9
22	Synthesis and structure of iron(III) complexes with a new ligands based on Girard T reagent. <i>Russian Journal of Inorganic Chemistry</i> , 2009 , 54, 1581-1589	1.5	8

21	Supramolecular organization of the crystal structure of cis-bis(thiosemicarbazide)palladium(II) ortho-hydrophthalate. <i>Crystallography Reports</i> , 2009 , 54, 846-851	0.6	4
20	Synthesis and structure of cobalt(III) dimethylglyoximate with $[\text{FeF}_5(\text{H}_2\text{O})]_2^-$ anion. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2008 , 34, 422-426	1.6	6
19	Synthesis and structure of products of interaction of $\text{H}[\text{AuCl}_4]$ with H_2DMG and pyridine. <i>Inorganica Chimica Acta</i> , 2007 , 360, 3250-3254	2.7	13
18	Synthesis and structural characterization of gold(III) dioximates with anions $[\text{AuCl}_4]^-$ and $[\text{AuCl}_2]^-$. <i>Inorganica Chimica Acta</i> , 2006 , 359, 721-725	2.7	10
17	Synthesis and structure of the mixed-ligand cobalt(III) complex $[\text{Co}(\text{DH})(\text{Hthsc})_2][\text{SiF}_6] \cdot 2.3\text{H}_2\text{O}$. <i>Russian Journal of Inorganic Chemistry</i> , 2006 , 51, 267-273	1.5	2
16	Transamination reaction of dimethylglyoxime on cobalt(III) matrix. <i>Russian Journal of Inorganic Chemistry</i> , 2006 , 51, 717-719	1.5	1
15	Structure of the products formed in the reaction of cobalt chloride with 1,2-cyclohexanedione dioxime. <i>Russian Journal of Inorganic Chemistry</i> , 2006 , 51, 1202-1210	1.5	4
14	Synthesis and structure of the $[\text{Co}(\text{NioxH})_2(\text{Thio})_2]_2\text{SO}_4 \cdot 2\text{H}_2\text{O}$ complex compound. <i>Journal of Structural Chemistry</i> , 2005 , 46, 488-493	0.9	1
13	Synthesis and Structure of Cobalt(III) Dimethylglyoximate $[\text{Co}(\text{DH})_2(\text{Py})_2][\text{H}_2\text{F}_3]$. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2005 , 31, 641-644	1.6	7
12	Synthesis and Structure of the $[\text{Co}(\text{NioxH})_2(\text{Thio})_2]_2[\text{SiF}_6]$ Complex. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2004 , 30, 375-381	1.6	6
11	Cobalt(III) Dimethylglyoximates $[\text{Co}(\text{DH})_2(\text{Py})_2]_2\text{SiF}_6 \cdot 10\text{H}_2\text{O}$ and $[\text{Co}(\text{DH})_2(\text{Thio})_2]_2\text{SiF}_6 \cdot 2\text{H}_2\text{O} \cdot \text{C}_2\text{H}_5\text{OH}$: Synthesis and Structure. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2002 , 28, 647-655	1.6	19
10	Synthesis and X-ray diffraction study of Zn(II) complexes with o-phthalic acid and aromatic amines. <i>Polyhedron</i> , 2001 , 20, 831-837	2.7	45
9	Synthesis, structure and spectroscopic properties of nickel(II) macrocyclic and open-chain complexes resulted from 1-phenyl-butane-1,3-dione mono-S-methylisothiosemicarbazone template self-condensation. <i>Inorganica Chimica Acta</i> , 2001 , 313, 30-36	2.7	17
8	$[\text{Co}(\text{NioxH})_2(\text{PPh}_3)_2]\text{SiF}_5$ and $[\text{Co}(\text{NioxH})_2(\text{Thio})_2]_2\text{SiF}_6 \cdot 3\text{H}_2\text{O}$ Complexes: Synthesis and Structure. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2001 , 27, 341-352	1.6	8
7	Crystal and molecular structure of chloro-bis(1,2-cyclohexanedione-dioxime)triphenylphosphinecobalt(III). <i>Journal of Structural Chemistry</i> , 1999 , 40, 71-77	0.9	
6	Water clusters in supramolecular inclusion hydrates. Crystal structure of decaazatricyclo[28.2.2.213.16]tetratriacontane nanohydrate. <i>Journal of Structural Chemistry</i> , 1999 , 40, 806-813	0.9	
5	Nickel(II) and copper(II) complexes with amidrazone-based ligands: Structure and catalytic activity. <i>Polyhedron</i> , 1995 , 14, 521-527	2.7	13
4	The crystal structures of [6-nitro-12,14-dimethyl-3,9-bis(propylsulphonyl)-1,2,4,8,10,11-hexaazacyclotetra-deca-2,4,6,9,12,14-hexaenato(2-)-N1, N4, N8, N11]nickel(II) and [12,14-dimethyl-3,9-bis(ethylsulphonyl)-1,2,4,8,10,11-hexaazacyclotetra-deca-2,4,6,9,12,14-hexaenato(2-)-N1, N4, N8, N11]nickel(II). <i>Polyhedron</i> , 1995 , 14, 571-577	2.7	8

- 3 Crystal and molecular structures of [2-butylthio-5,7,12-trimethyl-13-acetyl-1,3,4,8,11-pentaazacyclotetradeca-2,4,6,12,14-pentaenato(2-)N1,ρ,9 N4, N8, N11] nickel(II). *Journal of Structural Chemistry*, **1990**, 31, 166-170
- 2 Crystal and molecular structure of [9-(2-tosylaminophenyl)-6-methylthio-3-acetyl-5,7,8-triazanone-3,6,8-thien-2-one]. *Journal of Structural Chemistry*, **1990**, 31, 365-369 0.9
- 1 Structure of the S-allylthiosemicarbazone of salicylaldehyde. *Journal of Structural Chemistry*, **1987**, 27, 756-760 0.9