

Andrey B Ilyukhin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1329913/publications.pdf>

Version: 2024-02-01

165
papers

1,516
citations

361045

20
h-index

552369

26
g-index

171
all docs

171
docs citations

171
times ranked

1255
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of the Dimethyl Sulfoxide Solvated Thallium(III) Ion in Solution and in the Solid State. <i>Inorganic Chemistry</i> , 2001, 40, 6432-6438.	1.9	38
2	Novel mononuclear Ln complexes with pyrazine-2-carboxylate and acetylacetonate co-ligands: remarkable single molecule magnet behavior of a Yb derivative. <i>Dalton Transactions</i> , 2017, 46, 11806-11816.	1.6	35
3	Towards comparative investigation of Er- and Yb-based SMMs: the effect of the coordination environment configuration on the magnetic relaxation in the series of heteroleptic thiocyanate complexes. <i>Dalton Transactions</i> , 2019, 48, 12644-12655.	1.6	33
4	Novel heterometallic polymeric lanthanide acetylacetonates with bridging cymantrenecarboxylate groups – synthesis, magnetism and thermolysis. <i>Polyhedron</i> , 2015, 102, 48-59.	1.0	31
5	Black hybrid iodobismuthate containing linear anionic chains. <i>New Journal of Chemistry</i> , 2018, 42, 6354-6363.	1.4	30
6	Yb ³⁺ can be much better than Dy ³⁺ : SMM properties and controllable self-assembly of novel lanthanide 3,5-dinitrobenzoate-acetylacetonate complexes. <i>Dalton Transactions</i> , 2018, 47, 6199-6209.	1.6	30
7	Yttrium thiocyanate-based supramolecular architectures: Synthesis, crystal structures, and thermal properties. <i>Polyhedron</i> , 2011, 30, 2654-2660.	1.0	27
8	Bis(4-cyano-1-pyridino)pentane halobismuthates. Light-harvesting material with an optical band gap of 1.59 eV. <i>Mendeleev Communications</i> , 2017, 27, 271-273.	0.6	27
9	Synthesis, structure, and physical properties of new rare earth ferrocenoylacetates. <i>Dalton Transactions</i> , 2016, 45, 6405-6417.	1.6	26
10	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.	1.6	25
11	Novel mononuclear and 1D-polymeric derivatives of lanthanides and (1,3,5-trimethylbenzoic) Tj ETQq1 1 0.784314 rgBT /Overlock 107 3369-3380.	1.6	25
12	Dihydrohexacyanoferrates of N-heterocyclic cations. <i>Inorganica Chimica Acta</i> , 2007, 360, 2573-2582.	1.2	24
13	Indium(III) coordination compounds. <i>Russian Journal of Inorganic Chemistry</i> , 2011, 56, 2047-2069.	0.3	24
14	Structures of indium trichloride complexes with 2,2'-bipyridyl. Stereochemical features of pseudo-octahedral indium(III) complex halides. <i>Polyhedron</i> , 1992, 11, 1067-1073.	1.0	23
15	Metal-Metal Bonding in Tetracyanometalates (M = PtII, PdII, NiII) of Monovalent Thallium. Crystallographic and Spectroscopic Characterization of the New Compounds Tl2Ni(CN)4 and Tl2Pd(CN)4. <i>Inorganic Chemistry</i> , 2007, 46, 4642-4653.	1.9	23
16	Europium and terbium thiocyanates: Syntheses, crystal structures, luminescence and magnetic properties. <i>Inorganica Chimica Acta</i> , 2015, 434, 41-50.	1.2	23
17	A hybrid halobismuthate light-harvesting material with an optical band gap of 1.70 eV. <i>New Journal of Chemistry</i> , 2016, 40, 10041-10047.	1.4	22
18	Lanthanide cymantrenecarboxylate complexes with an Ln:Mn ratio of 1:2 as precursors for LnMn2O5 phases. Synthesis, structure, physicochemical properties, and thermal decomposition. <i>Polyhedron</i> , 2013, 65, 110-121.	1.0	21

#	ARTICLE	IF	CITATIONS
19	Magnetic Behavior of Carboxylate and β -Diketonate Lanthanide Complexes Containing Stable Organometallic Moieties in the Core-Forming Ligand. <i>Magnetochemistry</i> , 2016, 2, 38.	1.0	21
20	1D-Bromobismuthates of Dipyridinoalkane Derivatives. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2018, 44, 373-379.	0.3	21
21	Novel Polynuclear Nickel(II) Complex: Hydrazine, Sulfato, and Hydroxo Bridging in an Unusual Metal Hexamer. Crystal Structure and Magnetic Properties of $[\text{Ni}_6(\text{N}_2\text{H}_4)_6(\text{SO}_4)_4(\text{OH})_2(\text{H}_2\text{O})_8](\text{SO}_4)(\text{H}_2\text{O})_{10}$. <i>Inorganic Chemistry</i> , 2010, 49, 5359-5361.	1.9	20
22	Binuclear samarium(III) pivalates with chelating N-donors: Synthesis, structure, thermal behavior, magnetic and luminescent properties. <i>Polyhedron</i> , 2013, 65, 152-160.	1.0	20
23	Luminescent and magnetic properties of mononuclear lanthanide thiocyanates with terpyridine as auxiliary ligand. <i>Inorganica Chimica Acta</i> , 2019, 486, 499-505.	1.2	20
24	Coordination Polymers of Scandium Sulfate. Crystal Structures of $(\text{H}_2\text{Bipy})[\text{Sc}(\text{H}_2\text{O})(\text{SO}_4)_2]_2 \cdot 2\text{H}_2\text{O}$ and $(\text{H}_2\text{Bipy})[\text{HSO}_4]_2$. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2005, 31, 545-551.	0.3	19
25	Organometallic polymers $\text{MF}_3(4,4\text{-bipy})$ with $\text{M} = \text{Ga}$ and In . <i>Russian Journal of Inorganic Chemistry</i> , 2010, 55, 30-33.	0.3	19
26	Mononuclear Dysprosium Thiocyanate Complexes with 2,2'-bipyridine and 1,10-phenanthroline: Synthesis, Crystal Structures, SIM Behavior, and Solid-State Phase Transformations. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3561-3569.	1.0	19
27	Ion pairs in the crystal structure of potassium ethyl viologen hexacyanometallates(II). <i>Mendeleev Communications</i> , 2001, 11, 12-13.	0.6	18
28	New binuclear ferrocenecarboxylates of rare-earth metals as precursors for ferrites: Syntheses, structures, and solid-phase thermolysis. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2014, 40, 495-504.	0.3	18
29	Polymeric lanthanide acetates with peripheral cymantrenecarboxylate groups. Synthesis, magnetism and thermolysis. <i>Polyhedron</i> , 2015, 85, 941-952.	1.0	18
30	Structural and energetic aspects of adamantane and memantine derivatives of sulfonamide molecular crystals: experimental and theoretical characterisation. <i>CrystEngComm</i> , 2018, 20, 3476-3489.	1.3	18
31	Synthesis, structure, solid-state thermolysis, and catalytic properties of binuclear Ce, Nd, Eu, and Gd cymantrenecarboxylate complexes with DMSO. <i>Russian Chemical Bulletin</i> , 2012, 61, 1069-1078.	0.4	17
32	Synthesis, thermal stability, crystal structure and optical properties of 1,1'-bis(2,2,6,6-tetramethylpiperidin-4-yl)ethane-2,2'-diyl dicarbonyl diethylether (alkane-1,1'-diyl dicarbonyl diethylether). <i>Inorganic Chemistry</i> , 2010, 49, 5359-5361.	1.0	17
33	Self-assembly and SMM properties of lanthanide cyanocobaltate chain complexes with terpyridine as blocking ligand. <i>Inorganica Chimica Acta</i> , 2018, 482, 813-820.	1.2	17
34	Hybrid halobismuthates: a coordinated BrBr^- anion. <i>Mendeleev Communications</i> , 2017, 27, 454-455.	0.6	16
35	Equilibrium and structure of thallium(III)-ethylenediamine complexes in pyridine solution and in solid. <i>Inorganica Chimica Acta</i> , 2001, 320, 92-100.	1.2	15
36	Solubility, Complex Formation, and Redox Reactions in the $\text{Tl}_2\text{O}_3\text{-HCN/CN}^-$ - H_2O System. Crystal Structures of the Cyano Compounds $\text{Tl}(\text{CN})_3 \cdot \text{H}_2\text{O}$, $\text{Na}[\text{Tl}(\text{CN})_4] \cdot 3\text{H}_2\text{O}$, $\text{K}[\text{Tl}(\text{CN})_4]$, and $\text{Tl}[\text{Tl}(\text{CN})_4]$ and of $\text{TlI}_2\text{C}_2\text{O}_4$. <i>Inorganic Chemistry</i> , 2005, 44, 2347-2357.	1.9	15

#	ARTICLE	IF	CITATIONS
37	Supramolecular interactions in the structures of carboxylate derivatives of cymantrene and single-charged cations. <i>Journal of Molecular Structure</i> , 2013, 1033, 187-199.	1.8	15
38	Tetranuclear LnIII2MnII2 cymantrenecarboxylates. Synthesis, structure, thermolysis and magnetic properties. <i>Inorganica Chimica Acta</i> , 2014, 418, 157-162.	1.2	14
39	New neutral and anionic thiocyanate complexes of Y(III) and Eu(III) with 2,2'-bipyridine and 1,10-phenanthroline: Synthesis, structures, thermal behavior and photophysical properties. <i>Inorganica Chimica Acta</i> , 2017, 456, 76-85.	1.2	14
40	Bromobismuthates of 1,1'-(1,N-Alkanediyl)bis(picoline)s: Synthesis, Thermal Stability, Crystal Structures, and Optical Properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020, 46, 111-118.	0.3	14
41	Rapid preparation of SmCoO3 perovskite via uncommon though efficient precursors: Composition matters!. <i>Ceramics International</i> , 2020, 46, 13014-13024.	2.3	14
42	Charge transfer complexes of lanthanide 3,5-dinitrobenzoates and 1,2-phenylenediamine. <i>Journal of Molecular Structure</i> , 2020, 1207, 127800.	1.8	14
43	The relationship between the crystal structure and optical properties for isomeric aminopyridinium iodobismuthates. <i>Mendeleev Communications</i> , 2018, 28, 490-492.	0.6	13
44	Novel cocrystals of the potent 1,2,4-thiadiazole-based neuroprotector with carboxylic acids: virtual screening, crystal structures and solubility performance. <i>New Journal of Chemistry</i> , 2021, 45, 3034-3047.	1.4	13
45	2,2'-Bipyridinium bis(perchlorate). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000, 56, 1473-1475.	0.4	12
46	Eightfold-coordinated diethylenetriaminepentaacetates: Crystal structures of K[M(Dtpa)] · 3H2O (M = Tl, Eu, Gd, Tb, Dy, Ho, Er, Yb, Lu). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001, 57, 1473-1475.	0.1	11
47	Mixed halide hybrid halobismuthates and their in situ transformations. <i>Mendeleev Communications</i> , 2019, 29, 537-540.	0.6	11
48	Unexpected Supremacy of Non-Dysprosium Single-Ion Magnets within a Series of Isomorphous Lanthanide Cyanocobaltate(III) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 4380-4390.	1.0	11
49	Double Cyclohexaphosphates of Cesium and Divalent Metals. <i>Inorganic Materials</i> , 2003, 39, 1298-1302.	0.2	10
50	Stabilization of [Sc(NCS)6]3- anion by [M(18C6)]+ complexes in solvation systems. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2007, 33, 155-159.	0.3	10
51	Synthesis and structure of the CsSmP4O12 cyclotetraphosphate (cubic CsNdP4O12 structure). <i>Inorganic Materials</i> , 2008, 44, 1224-1226.	0.2	10
52	Ensembles of indium and gallium fluoroanions with HF molecules and bipyridine cations. <i>Russian Journal of Inorganic Chemistry</i> , 2011, 56, 1250-1257.	0.3	10
53	Magnetostructural correlation for the Gd complexes with bridging oxygen. <i>Russian Chemical Bulletin</i> , 2013, 62, 1768-1771.	0.4	10
54	Binuclear and polynuclear cymantrenecarboxylate complexes of heavy lanthanides. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2015, 41, 149-161.	0.3	10

#	ARTICLE	IF	CITATIONS
55	Cyano-Bridged dâ€f Ensembles of the Dysprosium Tetrapyrindine Complexes with the Hexacyanoferrate Anion. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2018, 44, 660-666.	0.3	10
56	Mononuclear and binuclear lanthanide acetates with chelating and bridging triethanolamine ligands. Polyhedron, 2018, 154, 54-64.	1.0	10
57	Methyl viologen iodobismuthates. Polyhedron, 2018, 154, 430-435.	1.0	10
58	The First Heterometallic Acetate-Bridged Pt(II)â€Pd(II) Complex: Synthesis, Structure, and Formation of Bimetallic PtPd ₂ Nanoparticles. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2019, 45, 253-265.	0.3	10
59	Identification of Barium Hydroxo-Hydroperoxostannate Precursor for Low-Temperature Formation of Perovskite Barium Stannate. Inorganic Chemistry, 2020, 59, 18358-18365.	1.9	10
60	Ensembles of the gallium, indium, and scandium complexes with the macrocycles. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2010, 36, 97-104.	0.3	9
61	Supramolecular aggregation of yttrium thiocyanate with 4,4â€-bipyridine. New Journal of Chemistry, 2014, 38, 3803-3812.	1.4	9
62	Synthesis, structure, and magnetic properties of lanthanide ferrocenoylacetonates with nitrate and 2,2â€-bipyridine ligands. Journal of Coordination Chemistry, 2016, 69, 2723-2735.	0.8	9
63	Binuclear europium(III) pivalates with 4,7-diphenyl-1,10-phenanthroline: Controllable synthesis, unique structural transitions, and remarkable luminescence. Polyhedron, 2017, 129, 105-113.	1.0	9
64	Unexpected hydrolytic transformation of new type hybrid bromobismuthates with methylpyrazinium dications. Dalton Transactions, 2019, 48, 7602-7611.	1.6	9
65	Substituent effect on the packing architecture of adamantane and memantine derivatives of sulfonamide molecular crystals. CrystEngComm, 2020, 22, 349-360.	1.3	9
66	Methylviologen Bromobismuthates. Russian Journal of Inorganic Chemistry, 2021, 66, 133-138.	0.3	9
67	Structure Studies of Dimeric [Pt ₂ (CN) ₁₀]4- Pentacyanoplatinum(III) and Monomeric Pentacyanoplatinum(IV) Complexes by EXAFS, Vibrational Spectroscopy, and X-ray Crystallography. Journal of Physical Chemistry A, 2002, 106, 3501-3516.	1.1	8
68	Diquat hexacyanoferrate as a double redox probe for monitoring polymer-modified electrode surfaces. Mendeleev Communications, 2005, 15, 95-96.	0.6	8
69	Binuclear terbium(III) pivalates with 4,7-diphenyl-1,10-phenanthroline: synthesis, structure, thermal decomposition, and magnetic and luminescence properties. Russian Chemical Bulletin, 2014, 63, 938-944.	0.4	8
70	Yttrium complexes with N-donor ligands. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2014, 40, 825-830.	0.3	8
71	Solid-liquid phase equilibrium in the waterâ€Zn(II) methanesulfonate and waterâ€Cu(II) methanesulfonate systems. Thermochimica Acta, 2018, 668, 46-57.	1.2	8
72	A Novel Type of [Mo ₃ O ₉ (L*)] ₅ â€ Anion in the Structure of an Ammoniumâ€Guanidinium Salt of a MoVI Complex with 1-Hydroxyethylidenediphosphonic Acid (H4L). Mendeleev Communications, 1992, 2, 144-146.	0.6	7

#	ARTICLE	IF	CITATIONS
73	Mixed halo/hexamethylphosphoramidate complexes of indium(III). ¹¹⁵ In, ³¹ P, ¹⁹ F and ¹ H NMR studies of indium(III) species in hexamethylphosphoramidate solution. X-ray structure of trans-diiodotetrakis(Hexamethylphosphoramidate)indium(III) iodide. <i>Polyhedron</i> , 1993, 12, 2403-2409.	1.0	7
74	SEVEN- AND EIGHT-COORDINATE COMPLEXES OF INDIUM(III) WITH NITRILOTRIACETATE. <i>Main Group Metal Chemistry</i> , 1994, 17, .	0.6	7
75	Synthesis and X-ray crystal structure of a barium complex with 2-methoxy-2,6,6-trimethylheptane-3,5-dionate. <i>Polyhedron</i> , 1997, 16, 2527-2530.	1.0	7
76	Formation and structure of novel ternary complexes of thallium(III)-cyanide-amine (ethylenediamine) <i>Tj ETQqO 0,0,rgBT /Oyerlock 10</i>	1.2	7
77	Aggregates of the [GaCl ₄] ⁻ anion and the [Ga(H ₂ O) ₃ (NCS) ₃] complex with 18C6. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2007, 33, 734-740.	0.3	7
78	Thallium(III) chloride in organic solvents: Synthesis, solutions and solvates. The crystal structures of trichlorobis(dimethylsulfoxide)thallium(III) and tribromobis(dimethylsulfoxide)thallium(III). <i>Inorganica Chimica Acta</i> , 2009, 362, 2293-2298.	1.2	7
79	Structural diversity of yttrium(III) halide complexes. <i>Russian Journal of Inorganic Chemistry</i> , 2012, 57, 1653-1681.	0.3	7
80	Polymer lanthanide cymantrenecarboxylates. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2015, 41, 805-816.	0.3	7
81	Products of reaction between Bis(citrate)hydroxogermanic acid and organic molecules. Molecular and crystal structure of (HNad) ₂ [Ge(HCit) ₂] · 4H ₂ O. <i>Russian Journal of Inorganic Chemistry</i> , 2015, 60, 33-37.	0.3	7
82	Effect of the [2-(diphenylphosphoryl-methoxy)phenyl]diphenylphosphine oxide derivative structures on the extraction and ion-selective properties toward rare-earth elements. <i>Russian Chemical Bulletin</i> , 2020, 69, 1336-1343.	0.4	7
83	Synthesis and Properties of Hybrid Halobismuthates of N-Acetylpyridinium Derivatives. <i>Russian Journal of Inorganic Chemistry</i> , 2021, 66, 482-489.	0.3	7
84	Stereochemical activity of a lone electron pair in antimony(III) and bismuth(III) chelates: Crystal structures of Ca[Sb(Edta)] ₂ · 8H ₂ O and Ba{[Bi(Edta)] ₂ · 2H ₂ O} · H ₂ O. <i>Crystallography Reports</i> , 2000, 45, 56-63.	0.1	6
85	Synthesis, electrochemical behavior and X-ray crystal and molecular structures of [Fe(diene)(CO) ₂ PPh ₃] (diene=chalcone, sorbic acid). <i>Polyhedron</i> , 2001, 20, 1011-1016.	1.0	6
86	Specific features of the crystal structure of erbium polyphosphate of the structural type C. <i>Crystallography Reports</i> , 2007, 52, 230-234.	0.1	6
87	Aggregates of complexes [Sc(H ₂ O) ₄ (NCS) ₂] ⁺ and [Sc(H ₂ O) ₂ (NCS) ₄] ⁻ with 18-crown-6. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2007, 33, 265-271.	0.3	6
88	H-bonding of complex indium thiocyanates with crown ether molecules. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2009, 35, 302-306.	0.3	6
89	Effect of the solvent on the reaction of a crown ether with yttrium thiocyanate. <i>Inorganica Chimica Acta</i> , 2013, 408, 39-45.	1.2	6
90	Nucleophilicity of heteroaromatic N-oxides in coordination with Zn(II) tetraphenylporphyrinate and in the substitution reactions. <i>Russian Journal of General Chemistry</i> , 2014, 84, 115-124.	0.3	6

#	ARTICLE	IF	CITATIONS
91	Charge transfer adducts of binuclear rare earth 3,5-dinitrobenzoates with N,N-dimethylaniline and toluene. <i>Polyhedron</i> , 2015, 89, 238-249.	1.0	6
92	Specific features of the structure, reactivity, thermolysis, and magnetism of cymantrenecarboxylate complexes of lanthanides. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2016, 42, 591-603.	0.3	6
93	Synthesis, crystal structure and optical properties of 1,1'-(1,n-alkanediyl)bis(3-methylimidazolium) halobismuthates. <i>Journal of Molecular Structure</i> , 2018, 1151, 186-190.	1.8	6
94	Structure and Ion-Selective Properties of 2-Phosphorylphenols. <i>Russian Journal of General Chemistry</i> , 2018, 88, 1867-1873.	0.3	6
95	New simple La-Ni complexes as efficient precursors for functional LaNiO ₃ -based ceramics. <i>Applied Organometallic Chemistry</i> , 2022, 36, e6519.	1.7	6
96	Dissolution of water-insoluble [Co(en) ₃] ₂ [Fe(CN) ₆]·4.6H ₂ O in a saturated K ₄ [Fe(CN) ₆] solution. <i>Mendeleev Communications</i> , 2003, 13, 169-170.	0.6	5
97	Structural features of copper(II) and lanthanide(III) tartratogermanate(IV) complexes. <i>Russian Journal of Inorganic Chemistry</i> , 2014, 59, 298-302.	0.3	5
98	New synthesis route for obtaining carbon-free hexagonal RE manganites via novel simple individual precursors. The interplay between magnetic and thermodynamic properties of hexagonal RMnO ₃ (R = Tl, ET, Q, O, G, BT, Overlock, 10 T	0.0	5
99	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.	1.2	5
100	Complexing Properties of 2-Hydroxy-5-Ethylphenylphosphonic Acid (H ₃ L). Crystal Structure and Analgesic Activity of [Cu(H ₂ L) ₂ (D ₂ D ₂) ₂]. <i>Russian Journal of Inorganic Chemistry</i> , 2021, 66, 1846-1853.	0.3	5
101	Icelike (H ₂ O) ₁₂ Fragment in the Structure of Potassium Ethylviologen Hexacyanometallates. <i>Journal of Structural Chemistry</i> , 2002, 43, 977-979.	0.3	4
102	Hydrogen-Bonded Aggregates of Scandium(III) Complexes. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2004, 30, 194-197.	0.3	4
103	The rhombohedral polymorph of scandium formate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, m151-m152.	0.2	4
104	Supramolecular ensembles of indium thiocyanates with the [K(18C6)] ⁺ complexes. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2009, 35, 566-571.	0.3	4
105	The crystal structure of aluminium, iron (III), and gallium acid phosphites. <i>Crystallography Reports</i> , 2010, 55, 15-18.	0.1	4
106	Structural regularities of the ionic complex [K(18C6)] ₃ [In(NCS) ₆]·2H ₂ O. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2010, 36, 559-564.	0.3	4
107	Interaction of 18-crown-6 with yttrium chloride: inner-sphere transformations of complexes under conditions of solid-state thermolysis. <i>Russian Chemical Bulletin</i> , 2012, 61, 2056-2064.	0.4	4
108	Synthesis, properties, and crystal structure of barium 1-oxyethylidenediphosphonatohydroxogermanate(IV) polyhydrate Ba ₃ [Ge(¼-OH)(¼-Oedph)] ₆ ·25H ₂ O. <i>Crystallography Reports</i> , 2013, 58, 237-240.	0.1	4

#	ARTICLE	IF	CITATIONS
109	Associates of yttrium thiocyanate with ditopic phenanthroline. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2014, 40, 401-406.	0.3	4
110	Thiocyanates of rare-earth elements with tetramethylphenanthroline. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2017, 43, 352-363.	0.3	4
111	Peculiarities of the Interaction of Rare-Earth Metal Thiocyanates with s-Triazine. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2018, 44, 745-754.	0.3	4
112	Phosphoryl Podands Ph ₂ P(O)CH ₂ O(CH ₂ CH ₂ O) _n CH ₂ P(O)Ph ₂ (Ln, n = 0-5): Complexation and Extraction of Rare Earth Elements. Crystal Structures of [Ln ₂ L ₀₃ (NO ₃) ₆] · xH ₂ O (Ln = Nd, x = 1.99; Ln = Eu, x = 1; Ln = Tb, x = 1.00). Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2018, 63, 1372-1380.	0.3	4
113	Extraction of Rare Earth Elements in 1,1,7-Trihydrododecafluoroheptanol-Water System with Phosphoryl Podands Derived from Diphosphonic Acids. Russian Journal of Inorganic Chemistry, 2019, 64, 666-672.	0.3	4
114	Supramolecular interactions and self-assembling in adducts of cymantrenecarboxylic acid with amino derivatives of five- and six-membered heterocyclic N-bases. Journal of Molecular Structure, 2019, 1187, 38-49.	1.8	4
115	Step-by-step: uncommon SCSC transformation accompanied by stepwise change in the binding of a particular ligand within a mononuclear complex upon stepwise desolvation. CrystEngComm, 2020, 22, 2895-2899.	1.3	4
116	Linear Tetranuclear Lanthanide Cymantrenecarboxylates with Diethylene Glycol Ligand: Synthesis, Magnetism, and Thermolysis. European Journal of Inorganic Chemistry, 2021, 2021, 147-155.	1.0	4
117	Tetranuclear Cr ^{III} /Ln ferrocenecarboxylate complexes with a defect-dicubane structure: synthesis, magnetism, and thermolysis. Dalton Transactions, 2021, 50, 16990-16999.	1.6	4
118	Synthesis and first-principles study of structural, electronic and optical properties of tetragonal hybrid halobismuthates [Py ₂ (XK)] ₂ [Bi ₂ Br ₁₀]. New Journal of Chemistry, 2021, 45, 18349-18357.	1.4	4
119	Aminoguanidinium (ethylenediamine-N,N,N',N'-tetraacetato)antimonate(III) monohydrate. Acta Crystallographica Section C: Crystal Structure Communications, 1999, 55, 905-907.	0.4	3
120	Effect of the acid-base interactions in a solution on the composition of the coordination sphere of aluminum and gallium complexonates. Crystallography Reports, 2001, 46, 771-778.	0.1	3
121	Rare-earth and lead mixed anionic oxoborates. Crystallography Reports, 2002, 47, 397-403.	0.1	3
122	Aluminum fluoride nanohydrate. Crystallography Reports, 2002, 47, 574-576.	0.1	3
123	Synthesis, crystal structure, and proton conductivity of KFe(H ₂ P ₂ O ₇) ₂ . Inorganic Materials, 2005, 41, 69-72.	0.2	3
124	Supramolecular compounds of indium sulfates with nitrogen-containing cations. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2006, 32, 777-783.	0.3	3
125	Synthesis, structure, and thermal decomposition of [H ₂ (4,4'-Bipy)][In(H ₂ O) ₂ (NCS) ₄] ₂ and [H ₂ U] ₂ [In(H ₂ O)(NCS) ₅] · 2H ₂ O. Russian Journal of Inorganic Chemistry, 2008, 53, 879-883.	0.3	3
126	Ion association in the Na[CoEdta]-Kl-sucrose system. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2009, 35, 411-415.	0.3	3

#	ARTICLE	IF	CITATIONS
127	Strategy for the synthesis of Di- and polymer tartratogermanates with single-charge cations. Crystal structures of $K_2[Ge_2(OH)_2(\frac{1}{4}\text{-Tart})_2] \cdot 4.5H_2O$ and $(NH_4)_2n [Ge_2(\frac{1}{4}\text{-O})(\frac{1}{4}\text{-Tart})_2] n \cdot nMeCN \cdot nH_2O$. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2013, 39, 751-757.		3
128	Coordination polymers of rare-earth elements with 2-aminoterephthalic acid. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2017, 43, 770-779.	0.3	3
129	Dysprosium Thiocyanate Complexes with s-Triazine. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2019, 45, 592-599.	0.3	3
130	Hybrid halobismuthates: The unusual $\{[BiBr_6]^{2-} [BiBr_5]^{3-} [BiBr_6]^{2-}\}_8$ - anionic framework. Journal of Molecular Structure, 2019, 1195, 944-948.	1.8	3
131	Mononuclear Transition Metal Cymantrenecarboxylates as Precursors for Spinel-Type Manganites. Molecules, 2022, 27, 1082.	1.7	3
132	Synthesis and Complexation Properties of 2-Hydroxy-5-methoxyphenylphosphonic Acid (H3L1). Crystal Structure of the $[Cu(H_2L_1)_2(\frac{1}{2}\text{-D}_2\text{D}_2)]$ Complex. Russian Journal of General Chemistry, 2021, 91, 2176-2186.	0.3	3
133	Synthesis, Crystal Structure, and Ionic Conductivity of $Tl_2Ta_2(PO_4)_2(HP_5O_{16})$. Inorganic Materials, 2003, 39, 1303-1307.	0.2	2
134	Lead bipyridyl hexacyanoferrate complex. Russian Journal of Inorganic Chemistry, 2011, 56, 258-261.	0.3	2
135	Ammonium and potassium citratogermanates(IV): Synthesis, chemical compositions, and structures. The crystal structures of $(NH_4)[Ge(OH)(H_2Cit)_2] \cdot H_2O$ and $K_4[Ge(HCit)_2(H_2Cit)] \cdot 3H_2O$. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2013, 39, 629-635.	0.3	2
136	Synthesis and crystal and molecular structure of three heterometallic polymeric compounds $\{Ln_2[LnGe_6(\frac{1}{4}\text{-Oedph})_6(\frac{1}{4}\text{-O})_3(\frac{1}{4}\text{-OH})_3(H_2O)_4] \cdot xH_2O\}_n$ [$Ln = Nd, x = \frac{1}{4}, 26$ (I); $Er, x = \frac{1}{4}, 24$ (II); $Tm, x = \frac{1}{4}, 20$ (III)], $H_4Oedph = 1$ -hydroxyethylidenediphosphonic acid]. Crystallography Reports, 2015, 60, 204-209.		
137	Charge transfer adducts of rare earth 3,5-dinitrobenzoates with N,N,N',N'-tetramethyl-p-phenylenediamine. Inorganica Chimica Acta, 2016, 442, 86-96.	1.2	2
138	Hybrid iodobismuthates code: adapting the geometry of Bi polyhedra to weak interactions. Mendeleev Communications, 2021, 31, 166-169.	0.6	2
139	Complexes of Lanthanide (Dy, Er, Yb) Thiocyanates with Tetramethylphenanthroline. Synthesis, Thermolysis, and SMM Properties. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2021, 47, 244-252.	0.3	2
140	Crystal structure of $[Co(Ox)(NH_3)_4][Bi(Edta)] \cdot 3H_2O$. Crystallography Reports, 2000, 45, 44-45.	0.1	1
141	Title is missing!. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2001, 27, 537-541.	0.3	1
142	Small water clusters. Mendeleev Communications, 2004, 14, 266-268.	0.6	1
143	Isomerization of $[Ln(H_2O)_3Cl_3] \cdot 18C_6$. Crystal structure of $[mer-Ln(H_2O)_3Cl_3] \cdot 18C_6$ and $[fac-Ln(H_2O)_3Cl_3] \cdot 18C_6 \cdot 2H_2O$. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2008, 34, 641-646.	0.3	1
144	$[H_4(4,4\text{-Bipy})_3][Sc(OH)(H_2O)_5]_2Cl_8$: Synthesis, structure, and solid-phase thermal transformation. Russian Journal of Inorganic Chemistry, 2008, 53, 48-54.	0.3	1

#	ARTICLE	IF	CITATIONS
145	Lucigenin hexacyanoferrates. Russian Journal of Inorganic Chemistry, 2008, 53, 552-556.	0.3	1
146	Synthesis and crystal structure of the $[\text{WCl}_3\{\text{PhNHC}(\text{O})\text{CHC}(\text{O})\text{Me}\}]$ complex. Crystallography Reports, 2009, 54, 858-861.	0.1	1
147	Complex compounds of a series of d metals with rubazinic acid (HRub). Crystal and molecular structure of $[\text{Co}(\text{H}_2\text{O})_6](\text{NO}_3)_2 \cdot 2\text{HRub}$. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2010, 36, 751-756.	0.3	1
148	Coordination compounds of some d metals with anthrapyridinedione derivatives: Crystal structure of 2-phenyl-4-(piperidyl-1)-anthra[1,2-b]pyridine-7,12-dionium hexabromodicuprate(II) $(\text{HL}_1)_2[\text{Cu}_2\text{Br}_6]$. Russian Journal of Inorganic Chemistry, 2012, 57, 1455-1459.	0.3	1
149	Synthesis and physicochemical characterization of a porous coordination polymer of Sn-Cu xylarate: The structure of $[\text{Sn}_4\text{Cu}_{8.5}(\text{HL})_2(\text{L})_4\text{O}_2(\text{OH})(\text{H}_2\text{O})_{12.5}] \cdot 17.2\text{H}_2\text{O}$. Crystallography Reports, 2013, 58, 241-246.	0.1	1
150	New Solvate Polymorphs of Lanthanide Trisacetylacetonates: Crystal Structures of $[\text{Ln}(\text{acac})_3(\text{H}_2\text{O})_2] \cdot \text{Solv}$ (Ln = Eu, Dy; Solv = Thf, H ₂ O + EtOH, MeOH). Russian Journal of Inorganic Chemistry, 2018, 63, 1186-1191.	0.3	1
151	Effect of Synthesis Conditions on the Molecular and Crystal Structures of Heterometallic 1D-Polymeric Acetate Complexes with the $\{\text{Dy}_2\text{Co}\}_n$ Motif. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2019, 45, 36-41.	0.3	1
152	and Ion-Selective Properties. Crystal and Molecular Structures of $\text{L} \cdot 0.25\text{H}_2\text{O}$ and $[\text{LiL}]_3 \cdot \text{MePh}$. Russian Journal of Inorganic Chemistry, 2019, 64, 216-224.	0.3	1
153	Hybrid bromobismuthates: Synthesis, thermal stability and crystal structure of multicharged 3-ammoniopyridinium derivatives. Journal of Molecular Structure, 2020, 1221, 128807.	1.8	1
154	Preparation and properties of uncommon $\text{Cd}^{\text{II}}\text{Mn}^{\text{II}}$ carboxylate complexes "per se and as precursors for CdMn_2O_4 -based ceramics. Applied Organometallic Chemistry, 2021, 35, e6190.	1.7	1
155	Molecular Magnets Based on Mononuclear Aqua and Aqua-Chloro Lanthanide (Tb, Dy, Er, Yb) Complexes with Bipyridine. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2021, 47, 165-173.	0.3	1
156	Crystal Structure and Optical Properties of New Hybrid Halobismuthates of 2,2'-Bipyridinium Derivatives. Russian Journal of Inorganic Chemistry, 2022, 67, 1018-1024.	0.3	1
157	Determining the coefficients of ambipolar ion diffusion by the method of laser optogalvanic spectroscopy in a luminous gas-air flame. Journal of Applied Spectroscopy, 1987, 47, 874-878.	0.3	0
158	Solubility, Complex Formation, and Redox Reactions in the $\text{Tl}_2\text{O}_3\text{-HCN/CN-H}_2\text{O}$ System. Crystal Structures of the Cyano Compounds $\text{Tl}(\text{CN})_3 \cdot \text{H}_2\text{O}$, $\text{Na}[\text{Tl}(\text{CN})_4] \cdot 3\text{H}_2\text{O}$, $\text{K}[\text{Tl}(\text{CN})_4]$, and $\text{Tl}[\text{Tl}(\text{CN})_4]$ and of $\text{Tl}_2\text{C}_2\text{O}_4$. ChemInform, 2005, 36, no.	0.1	0
159	Synthesis, crystal structure, and proton conductivity of $\text{KFe}(\text{H}_2\text{P}_2\text{O}_7)_2$. Inorganic Materials, 2005, 41, 69-72.	0.2	0
160	Dipotassium sodium hexacyanocobalt(III). Acta Crystallographica Section E: Structure Reports Online, 2005, 61, i26-i27.	0.2	0
161	Complex compounds of some p, d, and f metals with 2,4,6-tris(N,N-dimethylaminomethyl)phenol (HL): Crystal and molecular structure of $\text{H}_4\text{L}(\text{NO}_3)_3 \cdot \text{H}_2\text{O}$ and $\text{H}_4\text{LCl}_3 \cdot 3\text{H}_2\text{O}$. Russian Journal of Inorganic Chemistry, 2011, 56, 350-356.	0.3	0
162	Crystal structure of $[\text{CuL}_2\text{Py}_3]$ (HL is 2-(acetyl-amino)-5-nitrobenzoic acid). Russian Journal of Inorganic Chemistry, 2011, 56, 1043-1045.	0.3	0

#	ARTICLE	IF	CITATIONS
163	Crystal structure of complexes of bivalent Co, Ni, and Cd with anions of benzoic and 2-(acetylamino)-5-nitrobenzoic acids. <i>Crystallography Reports</i> , 2012, 57, 208-212.	0.1	0
164	Synthesis, properties, and crystal structure of the tin(IV) complex with N-(2-hydroxyethyl)ethylenediaminetriacetic acid $[\text{Sn}(\text{Hedtra})(\text{OH})\text{SnCl}_3(\text{H}_2\text{O})] \cdot 3\text{H}_2\text{O}$. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2013, 39, 505-509.	0.3	0
165	Synthesis, Structure and Magnetic Properties of New Ionic Ni ^{II} -Yb Nitrate Complexes with 2,2'-Bipyridine and 1,10-Phenanthroline. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2022, 48, 242-249.	0.3	0