

# Andrey B Ilyukhin

## List of Publications by Citations

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171  
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#	Paper	IF	Citations
161	Structure of the dimethyl sulfoxide solvated thallium(III) ion in solution and in the solid state. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 6432-8	5.1	35
160	Novel heterometallic polymeric lanthanide acetylacetonates with bridging cymantrenecarboxylate groups: synthesis, magnetism and thermolysis. <i>Polyhedron</i> , <b>2015</b> , 102, 48-59	2.7	29
159	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> , <b>2017</b> , 46, 11806-11816	4.3	28
158	Yttrium thiocyanate-based supramolecular architectures: Synthesis, crystal structures, and thermal properties. <i>Polyhedron</i> , <b>2011</b> , 30, 2654-2660	2.7	25
157	Bis(4-cyano-1-pyridino)pentane halobismuthates. Light-harvesting material with an optical band gap of 1.59 eV. <i>Mendeleev Communications</i> , <b>2017</b> , 27, 271-273	1.9	25
156	Black hybrid iodobismuthate containing linear anionic chains. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 6354-6363	3.6	24
155	Europium and terbium thiocyanates: Syntheses, crystal structures, luminescence and magnetic properties. <i>Inorganica Chimica Acta</i> , <b>2015</b> , 434, 41-50	2.7	23
154	Dihydrohexacyanoferrates of N-heterocyclic cations. <i>Inorganica Chimica Acta</i> , <b>2007</b> , 360, 2573-2582	2.7	23
153	Metal-metal bonding in tetracyanometalates (M=PtII, PdII, NiII) of monovalent thallium. Crystallographic and spectroscopic characterization of the new compounds Tl <sub>2</sub> Ni(CN) <sub>4</sub> and Tl <sub>2</sub> Pd(CN) <sub>4</sub> . <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 4642-53	5.1	22
152	Novel mononuclear and 1D-polymeric derivatives of lanthanides and (βbenzoic acid)tricarboxylchromium: synthesis, structure and magnetism. <i>Dalton Transactions</i> , <b>2017</b> , 46, 3369-3380	4.3	21
151	Synthesis, structure, and physical properties of new rare earth ferrocenoylacetonates. <i>Dalton Transactions</i> , <b>2016</b> , 45, 6405-17	4.3	21
150	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> , <b>2019</b> , 48, 12644-12655	4.3	21
149	Indium(III) coordination compounds. <i>Russian Journal of Inorganic Chemistry</i> , <b>2011</b> , 56, 2047-2069	1.5	21
148	Structures of indium trichloride complexes with 2,2'-bipyridyl. Stereochemical features of pseudo-octahedral indium(III) complex halides. <i>Polyhedron</i> , <b>1992</b> , 11, 1067-1073	2.7	21
147	A hybrid halobismuthate light-harvesting material with an optical band gap of 1.70 eV. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 10041-10047	3.6	21
146	1D-Bromobismuthates of Dipyridinoalkane Derivatives. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2018</b> , 44, 373-379	1.6	20
145	Yb can be much better than Dy: SMM properties and controllable self-assembly of novel lanthanide 3,5-dinitrobenzoate-acetylacetonate complexes. <i>Dalton Transactions</i> , <b>2018</b> , 47, 6199-6209	4.3	19

144	Novel polynuclear nickel(II) complex: hydrazine, sulfato, and hydroxo bridging in an unusual metal hexamer. Crystal structure and magnetic properties of [Ni <sub>6</sub> (N <sub>2</sub> H <sub>4</sub> ) <sub>6</sub> (SO <sub>4</sub> ) <sub>4</sub> (OH) <sub>2</sub> (H <sub>2</sub> O) <sub>8</sub> ](SO <sub>4</sub> )(H <sub>2</sub> O) <sub>10</sub> . <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 5359-61	5.1	18
143	Ion pairs in the crystal structure of potassium ethyl viologen hexacyanometallates(II). <i>Mendeleev Communications</i> , <b>2001</b> , 11, 12-13	1.9	18
142	Heterodinuclear (Sm, Tb) lanthanide pivalates with heterocyclic N-donors: synthesis, structure, thermal behavior, and magnetic and photoluminescence properties. <i>Dalton Transactions</i> , <b>2014</b> , 43, 18104-16	4.3	17
141	Lanthanide cymantrenecarboxylate complexes with an Ln:Mn ratio of 1:2 as precursors for LnMn <sub>2</sub> O <sub>5</sub> phases. Synthesis, structure, physicochemical properties, and thermal decomposition. <i>Polyhedron</i> , <b>2013</b> , 65, 110-121	2.7	17
140	Mononuclear Dysprosium Thiocyanate Complexes with 2,2'-Bipyridine and 1,10-Phenanthroline: Synthesis, Crystal Structures, SIM Behavior, and Solid-Phase Transformations. <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 3561-3569	2.3	17
139	Synthesis, structure, solid-state thermolysis, and catalytic properties of binuclear Ce, Nd, Eu, and Gd cymantrenecarboxylate complexes with DMSO. <i>Russian Chemical Bulletin</i> , <b>2012</b> , 61, 1069-1078	1.7	17
138	Magnetic Behavior of Carboxylate and $\beta$ -diketonate Lanthanide Complexes Containing Stable Organometallic Moieties in the Core-Forming Ligand. <i>Magnetochemistry</i> , <b>2016</b> , 2, 38	3.1	17
137	Binuclear samarium(III) pivalates with chelating N-donors: Synthesis, structure, thermal behavior, magnetic and luminescent properties. <i>Polyhedron</i> , <b>2013</b> , 65, 152-160	2.7	16
136	Polymeric lanthanide acetates with peripheral cymantrenecarboxylate groups: Synthesis, magnetism and thermolysis. <i>Polyhedron</i> , <b>2015</b> , 85, 941-952	2.7	15
135	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> , <b>2014</b> , 40, 495-504	1.6	15
134	Synthesis, thermal stability, crystal structure and optical properties of 1,1'-(1, n-alkanediyl)bis(4-methylpyridinium) bromobismuthates. <i>Polyhedron</i> , <b>2017</b> , 137, 122-126	2.7	15
133	Supramolecular interactions in the structures of carboxylate derivatives of cymantrene and single-charged cations. <i>Journal of Molecular Structure</i> , <b>2013</b> , 1033, 187-199	3.4	15
132	Structural and energetic aspects of adamantane and memantine derivatives of sulfonamide molecular crystals: experimental and theoretical characterisation. <i>CrystEngComm</i> , <b>2018</b> , 20, 3476-3489	3.3	14
131	Solubility, complex formation, and redox reactions in the Tl <sub>2</sub> O <sub>3</sub> -HCN/CN(-)-H <sub>2</sub> O system. Crystal structures of the cyano compounds Tl(CN) <sub>3</sub> ·H <sub>2</sub> O, Na[Tl(CN) <sub>4</sub> ]·3H <sub>2</sub> O, K[Tl(CN) <sub>4</sub> ], and Tl(I)[Tl(III)(CN) <sub>4</sub> ] and of Tl(I) <sub>2</sub> C <sub>2</sub> O <sub>4</sub> . <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 2347-57	5.1	14
130	Luminescent and magnetic properties of mononuclear lanthanide thiocyanates with terpyridine as auxiliary ligand. <i>Inorganica Chimica Acta</i> , <b>2019</b> , 486, 499-505	2.7	14
129	Hybrid halobismuthates: a coordinated Br Br <sup>-</sup> anion. <i>Mendeleev Communications</i> , <b>2017</b> , 27, 454-455	1.9	13
128	Tetranuclear Ln <sup>III</sup> <sub>2</sub> Mn <sup>II</sup> <sub>2</sub> cymantrenecarboxylates. Synthesis, structure, thermolysis and magnetic properties. <i>Inorganica Chimica Acta</i> , <b>2014</b> , 418, 157-162	2.7	13
127	Organometallic polymers MF <sub>3</sub> (4,4'-Bipy) with M = Ga and In. <i>Russian Journal of Inorganic Chemistry</i> , <b>2010</b> , 55, 30-33	1.5	13

126	Equilibrium and structure of thallium(III)ethylenediamine complexes in pyridine solution and in solid. <i>Inorganica Chimica Acta</i> , <b>2001</b> , 320, 92-100	2.7	13
125	Self-assembly and SMM properties of lanthanide cyanocobaltate chain complexes with terpyridine as blocking ligand. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 482, 813-820	2.7	12
124	The relationship between the crystal structure and optical properties for isomeric aminopyridinium iodobismuthates. <i>Mendeleev Communications</i> , <b>2018</b> , 28, 490-492	1.9	12
123	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> , <b>2017</b> , 456, 76-85	2.7	11
122	Charge transfer complexes of lanthanide 3,5-dinitrobenzoates and 1,2-phenylenediamine. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1207, 127800	3.4	10
121	Stabilization of [Sc(NCS) <sub>6</sub> ] <sup>3-</sup> anion by [M(18C6)] <sup>+</sup> complexes in solvation systems. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2007</b> , 33, 155-159	1.6	10
120	Binuclear and polynuclear cymantrenecarboxylate complexes of heavy lanthanides. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2015</b> , 41, 149-161	1.6	9
119	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> , <b>2020</b> , 46, 111-118	1.6	9
118	Mixed halide hybrid halobismuthates and their in situ transformations. <i>Mendeleev Communications</i> , <b>2019</b> , 29, 537-540	1.9	9
117	Magnetostructural correlation for the Gd complexes with bridging oxygen. <i>Russian Chemical Bulletin</i> , <b>2013</b> , 62, 1768-1771	1.7	9
116	Ensembles of indium and gallium fluoroanions with HF molecules and bipyridine cations. <i>Russian Journal of Inorganic Chemistry</i> , <b>2011</b> , 56, 1250-1257	1.5	9
115	Ensembles of the gallium, indium, and scandium complexes with the macrocycles. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2010</b> , 36, 97-104	1.6	9
114	Synthesis and structure of the CsSmP <sub>4</sub> O <sub>12</sub> cyclotetraphosphate (cubic CsNdP <sub>4</sub> O <sub>12</sub> structure). <i>Inorganic Materials</i> , <b>2008</b> , 44, 1224-1226	0.9	9
113	Coordination Polymers of Scandium Sulfate. Crystal Structures of (H <sub>2</sub> Bipy)[Sc(H <sub>2</sub> O)(SO <sub>4</sub> ) <sub>2</sub> ] <sub>2</sub> · 2H <sub>2</sub> O and (H <sub>2</sub> Bipy)[HSO <sub>4</sub> ] <sub>2</sub> . <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2005</b> , 31, 545-551	1.6	9
112	2,2'-Bipyridinium bis(perchlorate). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2000</b> , 56 (Pt 12), 1473-5		9
111	Eightfold-coordinated diethylenetriaminepentaacetates: Crystal structures of K[M(Dtpa)] · 3H <sub>2</sub> O (M = Zr or Hf) and NH <sub>4</sub> [Sn(Dtpa)] · 2H <sub>2</sub> O. <i>Crystallography Reports</i> , <b>2000</b> , 45, 39-43	0.6	9
110	Binuclear europium(III) pivalates with 4,7-diphenyl-1,10-phenanthroline: Controllable synthesis, unique structural transitions, and remarkable luminescence. <i>Polyhedron</i> , <b>2017</b> , 129, 105-113	2.7	8
109	Mononuclear and binuclear lanthanide acetates with chelating and bridging triethanolamine ligands. <i>Polyhedron</i> , <b>2018</b> , 154, 54-64	2.7	8

108	Methyl viologen iodobismuthates. <i>Polyhedron</i> , <b>2018</b> , 154, 430-435	2.7	8
107	Double Cyclohexaphosphates of Cesium and Divalent Metals. <i>Inorganic Materials</i> , <b>2003</b> , 39, 1298-1302	0.9	8
106	Cyano-Bridged d <sup>8</sup> Ensembles of the Dysprosium Tetrapyrroline Complexes with the Hexacyanoferrate Anion. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2018</b> , 44, 660-666	1.6	8
105	Products of reaction between Bis(citrate)hydroxogermanic acid and organic molecules. Molecular and crystal structure of (HNad) <sub>2</sub> [Ge(HCit) <sub>2</sub> ] <sub>n</sub> ·4H <sub>2</sub> O. <i>Russian Journal of Inorganic Chemistry</i> , <b>2015</b> , 60, 33-37	1.5	7
104	Supramolecular aggregation of yttrium thiocyanate with 4,4'-bipyridine. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 3803-3812	3.6	7
103	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> , <b>2014</b> , 63, 938-944	1.7	7
102	Yttrium complexes with N-donor ligands. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2014</b> , 40, 825-830	1.6	7
101	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> , <b>2009</b> , 362, 2293-2298	2.7	7
100	Formation and structure of novel ternary complexes of thallium(III)-cyanideamine (ethylenediamine and triethylenetetramine) in solution and in solid. <i>Inorganica Chimica Acta</i> , <b>2003</b> , 344, 117-122	2.7	7
99	Diquat hexacyanoferrate as a double redox probe for monitoring polymer-modified electrode surfaces. <i>Mendeleev Communications</i> , <b>2005</b> , 15, 95-96	1.9	7
98	Structure Studies of Dimeric [Pt <sub>2</sub> (CN) <sub>10</sub> ] <sup>4-</sup> Pentacyanoplatinum(III) and Monomeric Pentacyanoplatinum(IV) Complexes by EXAFS, Vibrational Spectroscopy, and X-ray Crystallography. <i>Journal of Physical Chemistry A</i> , <b>2002</b> , 106, 3501-3516	2.8	7
97	A Novel Type of [Mo <sub>3</sub> O <sub>9</sub> (L <sup>*</sup> ) <sub>5</sub> ] <sup>n-</sup> Anion in the Structure of an Ammonium Guanidinium Salt of a MoVI Complex with 1-Hydroxyethylidenediphosphonic Acid (H <sub>4</sub> L). <i>Mendeleev Communications</i> , <b>1992</b> , 2, 144-146	1.9	7
96	Synthesis, structure, and magnetic properties of lanthanide ferrocenoylacetonates with nitrate and 2,2'-bipyridine ligands. <i>Journal of Coordination Chemistry</i> , <b>2016</b> , 69, 2723-2735	1.6	7
95	Nucleophilicity of heteroaromatic N-oxides in coordination with Zn(II) tetraphenylporphyrinate and in the substitution reactions. <i>Russian Journal of General Chemistry</i> , <b>2014</b> , 84, 115-124	0.7	6
94	Effect of the solvent on the reaction of a crown ether with yttrium thiocyanate. <i>Inorganica Chimica Acta</i> , <b>2013</b> , 408, 39-45	2.7	6
93	H-bonding of complex indium thiocyanates with crown ether molecules. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2009</b> , 35, 302-306	1.6	6
92	Aggregates of complexes [Sc(H <sub>2</sub> O) <sub>4</sub> (NCS) <sub>2</sub> ] <sup>+</sup> and [Sc(H <sub>2</sub> O) <sub>2</sub> (NCS) <sub>4</sub> ] <sup>-</sup> with 18-crown-6. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2007</b> , 33, 265-271	1.6	6
91	Aggregates of the [GaCl <sub>4</sub> ] <sup>-</sup> anion and the [Ga(H <sub>2</sub> O) <sub>3</sub> (NCS) <sub>3</sub> ] complex with 18C6. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2007</b> , 33, 734-740	1.6	6

90	Synthesis, electrochemical behavior and X-ray crystal and molecular structures of [Fe(diene)(CO)2PPh3] (diene=chalcone, sorbic acid). <i>Polyhedron</i> , <b>2001</b> , 20, 1011-1016	2.7	6
89	SEVEN- AND EIGHT-COORDINATE COMPLEXES OF INDIUM(III) WITH NITRILOTRIACETATE. <i>Main Group Metal Chemistry</i> , <b>1994</b> , 17,	1.6	6
88	Cyclometallierende photodecarboxylierung von cobalt(III)-komplexen mit 1-diethylentriaminmono-3-propionat. <i>Journal of Organometallic Chemistry</i> , <b>1986</b> , 314, C59-C62	2.3	6
87	Substituent effect on the packing architecture of adamantane and memantine derivatives of sulfonamide molecular crystals. <i>CrystEngComm</i> , <b>2020</b> , 22, 349-360	3.3	6
86	New synthesis route for obtaining carbon-free hexagonal RE manganites via novel simple individual precursors. The interplay between magnetic and thermodynamic properties of hexagonal RMnO3 (R = Ho, Y). <i>Polyhedron</i> , <b>2017</b> , 122, 184-193	2.7	5
85	Unexpected hydrolytic transformation of new type hybrid bromobismuthates with methylpyrazinium dications. <i>Dalton Transactions</i> , <b>2019</b> , 48, 7602-7611	4.3	5
84	The First Heterometallic Acetate-Bridged Pt(II)Pd(II) Complex: Synthesis, Structure, and Formation of Bimetallic PtPd2 Nanoparticles. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2019</b> , 45, 253-265	1.6	5
83	Synthesis, crystal structure and optical properties of 1,1Q(1,n-alkanediyl)bis(3-methylimidazolium) halobismuthates. <i>Journal of Molecular Structure</i> , <b>2018</b> , 1151, 186-190	3.4	5
82	Specific features of the structure, reactivity, thermolysis, and magnetism of cymantrenecarboxylate complexes of lanthanides. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2016</b> , 42, 591-603	1.6	5
81	Polymer lanthanide cymantrenecarboxylates. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2015</b> , 41, 805-816	1.6	5
80	Charge transfer adducts of binuclear rare earth 3,5-dinitrobenzoates with N,N-dimethylaniline and toluene. <i>Polyhedron</i> , <b>2015</b> , 89, 238-249	2.7	5
79	Structural diversity of yttrium(III) halide complexes. <i>Russian Journal of Inorganic Chemistry</i> , <b>2012</b> , 57, 1653-1681	1.5	5
78	Synthesis and X-ray crystal structure of a barium complex with 2-methoxy-2,6,6-trimethylheptane-3,5-dionate. <i>Polyhedron</i> , <b>1997</b> , 16, 2527-2530	2.7	5
77	Specific features of the crystal structure of erbium polyphosphate of the structural type C. <i>Crystallography Reports</i> , <b>2007</b> , 52, 230-234	0.6	5
76	Dissolution of water-insoluble [Co(en)3]2I2[Fe(CN)6]·4.6H2O in a saturated K4[Fe(CN)6] solution. <i>Mendeleev Communications</i> , <b>2003</b> , 13, 169-170	1.9	5
75	Stereochemical activity of a lone electron pair in antimony(III) and bismuth(III) chelates: Crystal structures of Ca[Sb(Edta)]2 · 8H2O and Ba[[Bi(Edta)] 2H2O · H2O. <i>Crystallography Reports</i> , <b>2000</b> , 45, 56-63	0.6	5
74	Mixed halo/hexamethylphosphoramidate complexes of indium(III). 115In, 31P, 19F and 1H NMR studies of indium(III) species in hexamethylphosphoramidate solution. X-ray structure of trans-diiodotetrakis(Hexamethylphosphoramidate)indium(III) iodide. <i>Polyhedron</i> , <b>1993</b> , 12, 2403-2409	2.7	5
73	Structure and Ion-Selective Properties of 2-Phosphorylphenols. <i>Russian Journal of General Chemistry</i> , <b>2018</b> , 88, 1867-1873	0.7	5



72	Rapid preparation of SmCoO <sub>3</sub> perovskite via uncommon though efficient precursors: Composition matters!. <i>Ceramics International</i> , <b>2020</b> , 46, 13014-13024	5.1	4
71	Associates of yttrium thiocyanate with ditopic phenanthroline. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2014</b> , 40, 401-406	1.6	4
70	Thiocyanates of rare-earth elements with tetramethylphenanthroline. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2017</b> , 43, 352-363	1.6	4
69	Supramolecular ensembles of indium thiocyanates with the [K(18C6)] <sup>+</sup> complexes. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2009</b> , 35, 566-571	1.6	4
68	The crystal structure of aluminium, iron (III), and gallium acid phosphites. <i>Crystallography Reports</i> , <b>2010</b> , 55, 15-18	0.6	4
67	Structural regularities of the ionic complex [K(18C6)] <sub>3</sub> [In(NCS) <sub>6</sub> ]·2H <sub>2</sub> O. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2010</b> , 36, 559-564	1.6	4
66	The rhombohedral polymorph of scandium formate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2004</b> , 60, m151-m152		4
65	Icelike (H <sub>2</sub> O) <sub>12</sub> Fragment in the Structure of Potassium Ethylviologen Hexacyanomethylates. <i>Journal of Structural Chemistry</i> , <b>2002</b> , 43, 977-979	0.9	4
64	Effect of the [2-(diphenylphosphorylmethoxy)phenyl]diphenylphosphine oxide derivative structures on the extraction and ion-selective properties toward rare-earth elements. <i>Russian Chemical Bulletin</i> , <b>2020</b> , 69, 1336-1343	1.7	4
63	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> , <b>2021</b> , 45, 3034-3047	3.6	4
62	Methylviologen Bromobismuthates. <i>Russian Journal of Inorganic Chemistry</i> , <b>2021</b> , 66, 133-138	1.5	4
61	Peculiarities of the Interaction of Rare-Earth Metal Thiocyanates with s-Triazine. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2018</b> , 44, 745-754	1.6	4
60	Control of the composition and crystal structure of exchange reaction products of rare-earth acetates with pivalic acid. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 482, 8-15	2.7	4
59	Supramolecular interactions and self-assembling in adducts of cymantrenecarboxylic acid with amino derivatives of five- and six-membered heterocyclic N-bases. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1187, 38-49	3.4	3
58	Dysprosium Thiocyanate Complexes with s-Triazine. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2019</b> , 45, 592-599	1.6	3
57	Structural features of copper(II) and lanthanide(III) tartratogermanate(IV) complexes. <i>Russian Journal of Inorganic Chemistry</i> , <b>2014</b> , 59, 298-302	1.5	3
56	Strategy for the synthesis of Di- and polymer tartratogermanates with single-charge cations. Crystal structures of K <sub>2</sub> [Ge <sub>2</sub> (OH) <sub>2</sub> (Tar) <sub>2</sub> ]·4.5H <sub>2</sub> O and (NH <sub>4</sub> ) <sub>2n</sub> [Ge <sub>2</sub> (EO)(Tar) <sub>2</sub> ] <sub>n</sub> [nMeCN]·nH <sub>2</sub> O. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2013</b> , 39, 751-757	1.6	3
55	Interaction of 18-crown-6 with yttrium chloride: inner-sphere transformations of complexes under conditions of solid-state thermolysis. <i>Russian Chemical Bulletin</i> , <b>2012</b> , 61, 2056-2064	1.7	3

54	Synthesis, properties, and crystal structure of barium 1-oxyethylidenediphosphonatohydroxogermanate(IV) polyhydrate $\text{Ba}_3[\text{Ge}(\text{EOH})(\text{EOedph})_6] \cdot 25\text{H}_2\text{O}$ . <i>Crystallography Reports</i> , <b>2013</b> , 58, 237-240	0.6	3
53	Ion association in the $\text{Na}[\text{CoEdta}]\text{-KI}$ -sucrose system. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2009</b> , 35, 411-415	1.6	3
52	Synthesis, structure, and thermal decomposition of $[\text{H}_2(4,4'\text{-Bipy})][\text{In}(\text{H}_2\text{O})_2(\text{NCS})_4]_2$ and $[\text{HUr}]_2[\text{In}(\text{H}_2\text{O})(\text{NCS})_5] \cdot 2\text{H}_2\text{O}$ . <i>Russian Journal of Inorganic Chemistry</i> , <b>2008</b> , 53, 879-883	1.5	3
51	Supramolecular compounds of indium sulfates with nitrogen-containing cations. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2006</b> , 32, 777-783	1.6	3
50	Hydrogen-Bonded Aggregates of Scandium(III) Complexes. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2004</b> , 30, 194-197	1.6	3
49	Rare-earth and lead mixed anionic oxoborates. <i>Crystallography Reports</i> , <b>2002</b> , 47, 397-403	0.6	3
48	Aluminum fluoride nanohydrate. <i>Crystallography Reports</i> , <b>2002</b> , 47, 574-576	0.6	3
47	Synthesis, crystal structure, and proton conductivity of $\text{KFe}(\text{H}_2\text{P}_2\text{O}_7)_2$ . <i>Inorganic Materials</i> , <b>2005</b> , 41, 69-72	0.9	3
46	Aminoguanidinium (ethylenediamine-N,N,N',N'-tetraacetato)antimonate(III) monohydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1999</b> , 55, 905-907		3
45	Unexpected Supremacy of Non-Dysprosium Single-Ion Magnets within a Series of Isomorphic Lanthanide Cyanocobaltate(III) Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2020</b> , 2020, 4380-4390	2.3	3
44	Phosphoryl Podands $\text{Ph}_2\text{P}(\text{O})\text{CH}_2\text{O}(\text{CH}_2\text{CH}_2\text{O})_n\text{CH}_2\text{P}(\text{O})\text{Ph}_2$ ( $\text{Ln}$ , $n = 0\text{B}$ ): Complexation and Extraction of Rare Earth Elements. Crystal Structures of $[\text{Ln}_2\text{L}_03(\text{NO}_3)_6] \cdot x\text{H}_2\text{O}$ ( $\text{Ln} = \text{Nd}$ , $x = 1.99$ ; $\text{Ln} = \text{Eu}$ , $x = 1$ ; $\text{Ln} = \text{Er}$ , $x = 6.5$ ; $\text{Ln} = \text{Lu}$ , $x = 6$ ) and $[\text{Ln}_2\text{L}_2(\text{NO}_3)_3(\text{H}_2\text{O})]$ ( $\text{Ln} = \text{Nd}$ , $\text{Er}$ ). <i>Russian Journal of Inorganic Chemistry</i> , <b>2018</b> , 63, 1372-1380	1.5	3
43	Extraction of Rare Earth Elements in 1,1,7-Trihydrododecafluoroheptanol/Water System with Phosphoryl Podands Derived from Diphosphonic Acids. <i>Russian Journal of Inorganic Chemistry</i> , <b>2019</b> , 64, 666-672	1.5	2
42	Hybrid halobismuthates: The unusual $\{[\text{BiBr}_6][\text{BiBr}_5][\text{BiBr}_6]\}_8$ - anionic framework. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1195, 944-948	3.4	2
41	Synthesis and crystal and molecular structure of three heterometallic polymeric compounds $\{\text{Ln}_2[\text{LnGe}_6(\text{EOedph})_6(\text{EO})_3(\text{EOH})_3(\text{H}_2\text{O})_4] \cdot x\text{H}_2\text{O}\}_n$ [ $\text{Ln} = \text{Nd}$ , $x \sim 26$ (I); $\text{Er}$ , $x \sim 24$ (II); $\text{Tm}$ , $x \sim 20$ (III); $\text{H}_4\text{Oedph} = 1$ -hydroxyethylidenediphosphonic acid]. <i>Crystallography Reports</i> , <b>2015</b> , 60, 204-209	0.6	2
40	Identification of Barium Hydroxo-Hydroperoxostannate Precursor for Low-Temperature Formation of Perovskite Barium Stannate. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 18358-18365	5.1	2
39	Step-by-step: uncommon SCSC transformation accompanied by stepwise change in the binding of a particular ligand within a mononuclear complex upon stepwise desolvation. <i>CrystEngComm</i> , <b>2020</b> , 22, 2895-2899	3.3	2
38	Solid-liquid phase equilibrium in the water/ $\text{Zn}(\text{II})$ methanesulfonate and water/ $\text{Cu}(\text{II})$ methanesulfonate systems. <i>Thermochimica Acta</i> , <b>2018</b> , 668, 46-57	2.9	2
37	Ammonium and potassium citratogermanates(IV): Synthesis, chemical compositions, and structures. The crystal structures of $(\text{NH}_4)[\text{Ge}(\text{OH})(\text{H}_2\text{Cit})_2] \cdot 2\text{H}_2\text{O}$ and $\text{K}_4[\text{Ge}(\text{HCit})_2(\text{H}_2\text{Cit})] \cdot 3\text{H}_2\text{O}$ . <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2013</b> , 39, 629-635	1.6	2



36	Coordination polymers of rare-earth elements with 2-aminoterephthalic acid. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2017</b> , 43, 770-779	1.6	2
35	Lead bipyridyl hexacyanoferrate complex. <i>Russian Journal of Inorganic Chemistry</i> , <b>2011</b> , 56, 258-261	1.5	2
34	Synthesis, Crystal Structure, and Ionic Conductivity of $Tl_2Ta_2(PO_4)_2(HP_5O_{16})$ . <i>Inorganic Materials</i> , <b>2003</b> , 39, 1303-1307	0.9	2
33	Effect of the acid-base interactions in a solution on the composition of the coordination sphere of aluminum and gallium complexonates. <i>Crystallography Reports</i> , <b>2001</b> , 46, 771-778	0.6	2
32	Synthesis and Properties of Hybrid Halobismuthates of N-Acetylpyridinium Derivatives. <i>Russian Journal of Inorganic Chemistry</i> , <b>2021</b> , 66, 482-489	1.5	2
31	Effect of Synthesis Conditions on the Molecular and Crystal Structures of Heterometallic 1D-Polymeric Acetate Complexes with the $\{Dy_2Co\}_n$ Motif. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2019</b> , 45, 36-41	1.6	1
30	Synthesis and physicochemical characterization of a porous coordination polymer of Sn-Cu xylarate: The structure of $[Sn_4Cu_{8.5}(HL)_2(L)_4O_2(OH)(H_2O)_{12.5}] \cdot 17.2H_2O$ . <i>Crystallography Reports</i> , <b>2013</b> , 58, 241-246	0.6	1
29	Synthesis and crystal structure of the $[WCl_3\{PhNHC(O)CHC(O-)Me\}]$ complex. <i>Crystallography Reports</i> , <b>2009</b> , 54, 858-861	0.6	1
28	Complex compounds of a series of d metals with rubazinic acid (HRub). Crystal and molecular structure of $[Co(H_2O)_6](NO_3)_2 \cdot 2HRub$ . <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2010</b> , 36, 751-756	1.6	1
27	Isomerization of $[In(H_2O)_3Cl_3] \cdot 18C_6$ . Crystal structure of $[mer-In(H_2O)_3Cl_3] \cdot 18C_6$ and $[fac-In(H_2O)_3Cl_3] \cdot 18C_6 \cdot 2H_2O$ . <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2008</b> , 34, 641-646	1.6	1
26	Lucigenin hexacyanoferrates. <i>Russian Journal of Inorganic Chemistry</i> , <b>2008</b> , 53, 552-556	1.5	1
25	Small water clusters. <i>Mendeleev Communications</i> , <b>2004</b> , 14, 266-268	1.9	1
24	Crystal Structure of Hexafluosilicates of Protonated Thiosemicarbazide and 2,5-Diamino-1,3,4-thiadiazole Produced in the Reaction of Thiosemicarbazide with Fluosilicic Acid. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2001</b> , 27, 537-541	1.6	1
23	Crystal structure of $[Co(Ox)(NH_3)_4][Bi(Edta)] \cdot 3H_2O$ . <i>Crystallography Reports</i> , <b>2000</b> , 45, 44-45	0.6	1
22	Charge transfer adducts of rare earth 3,5-dinitrobenzoates with N,N,N',N'-tetramethyl-p-phenylenediamine. <i>Inorganica Chimica Acta</i> , <b>2016</b> , 442, 86-96	2.7	1
21	Linear Tetranuclear Lanthanide Cymantrenecarboxylates with Diethylene Glycol Ligand: Synthesis, Magnetism, and Thermolysis. <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 147-155	2.3	1
20	New Solvate Polymorphs of Lanthanide Trisacetylacetonates: Crystal Structures of $[Ln(acac)_3(H_2O)_2] \cdot nSolv$ (Ln = Eu, Dy; Solv = Thf, H <sub>2</sub> O + EtOH, MeOH). <i>Russian Journal of Inorganic Chemistry</i> , <b>2018</b> , 63, 1186-1191	1.5	1
19	1,8-Bis[2-(diphenylphosphoryl)phenoxy-4-phenyldiazenyl]-3,6-dioxaoctane (L): Synthesis and Complexing and Ion-Selective Properties. Crystal and Molecular Structures of $L \cdot 0.25H_2O$ and $[LiL]_3 \cdot 3MePh$ . <i>Russian Journal of Inorganic Chemistry</i> , <b>2019</b> , 64, 216-224	1.5	0

18	Hybrid bromobismuthates: Synthesis, thermal stability and crystal structure of multicharged 3-ammoniopyridinium derivatives. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1221, 128807	3.4	o
17	New simple La-Ni complexes as efficient precursors for functional LaNiO <sub>3</sub> -based ceramics. <i>Applied Organometallic Chemistry</i> , e6519	3.1	o
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15	Hybrid iodobismuthates code: adapting the geometry of Bi polyhedra to weak interactions. <i>Mendeleev Communications</i> , <b>2021</b> , 31, 166-169	1.9	o
14	Complexes of Lanthanide (Dy, Er, Yb) Thiocyanates with Tetramethylphenanthroline. Synthesis, Thermolysis, and SMM Properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2021</b> , 47, 244-252	1.6	o
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6	Crystal structure of [Cu <sub>2</sub> Py <sub>3</sub> ] (HL is 2-(acetylamino)-5-nitrobenzoic acid). <i>Russian Journal of Inorganic Chemistry</i> , <b>2011</b> , 56, 1043-1045	1.5	
5	[H <sub>4</sub> (4,4'-Bipy) <sub>3</sub> ][Sc(OH)(H <sub>2</sub> O) <sub>5</sub> ]2Cl <sub>8</sub> : Synthesis, structure, and solid-phase thermal transformation. <i>Russian Journal of Inorganic Chemistry</i> , <b>2008</b> , 53, 48-54	1.5	
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