

# Nikolay N Efimov

## List of Publications by Citations

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#	Paper	IF	Citations
149	Polymorphism in a Cobalt-Based Single-Ion Magnet Tuning Its Barrier to Magnetization Relaxation. <i>Journal of Physical Chemistry Letters</i> , <b>2016</b> , 7, 4111-4116	6.4	76
148	Trigonal Prismatic Tris-pyridineoximate Transition Metal Complexes: A Cobalt(II) Compound with High Magnetic Anisotropy. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 6943-6951	5.1	35
147	Heterometallic Na <sub>6</sub> Co <sub>3</sub> Phenylsilsesquioxane Exhibiting Slow Dynamic Behavior in its Magnetization. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 18563-5	4.8	32
146	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
145	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
144	Subsolidus phase equilibria and magnetic characterization of the pyrochlore in the Bi <sub>2</sub> O <sub>3</sub> /Fe <sub>2</sub> O <sub>3</sub> /B <sub>2</sub> O <sub>3</sub> system. <i>Journal of Alloys and Compounds</i> , <b>2013</b> , 579, 311-314	5.7	24
143	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
142	Coordination and RedOx ratio of iron in sodium-silicate glasses. <i>Journal of Non-Crystalline Solids</i> , <b>2012</b> , 358, 3089-3095	3.9	23
141	Synthesis, structure, thermal behavior, thermodynamic, magnetic and luminescent properties of Pr, Sm, Eu, and Gd cymantrenecarboxylates. <i>Polyhedron</i> , <b>2012</b> , 43, 36-46	2.7	22
140	Synthesis, structure, solid-state thermal decomposition and magnetic properties of binuclear Nd, Gd and Eu cymantrenecarboxylates. <i>Polyhedron</i> , <b>2011</b> , 30, 2523-2529	2.7	22
139	Novel mononuclear and 1D-polymeric derivatives of lanthanides and (3-benzoic acid)tricarboxylchromium: synthesis, structure and magnetism. <i>Dalton Transactions</i> , <b>2017</b> , 46, 3369-3380	4.3	21
138	Synthesis, structure, and physical properties of new rare earth ferrocenoylacetonates. <i>Dalton Transactions</i> , <b>2016</b> , 45, 6405-17	4.3	21
137	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
136	Synthesis of high-purity nanocrystalline BiFeO <sub>3</sub> . <i>Inorganic Materials</i> , <b>2013</b> , 49, 310-314	0.9	21
135	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
134	A Trigonal Prismatic Cobalt(II) Complex as a Single Molecule Magnet with a Reduced Contribution from Quantum Tunneling. <i>ChemPhysChem</i> , <b>2019</b> , 20, 1001-1005	3.2	18
133	Tetranuclear hydroxo-bridged copper(II) cluster of the Z type: Preparation and structural and magnetic characterization of [(Cu <sub>4</sub> bipy <sub>4</sub> (OH) <sub>4</sub> (B <sub>10</sub> H <sub>10</sub> ) <sub>2</sub> (DMSO) <sub>2</sub> ]. <i>Doklady Chemistry</i> , <b>2012</b> , 442, 1-3	0.8	18

132	Mechanochemical activation of starting oxide mixtures for solid-state synthesis of BiFeO <sub>3</sub> . <i>Inorganic Materials</i> , <b>2013</b> , 49, 303-309	0.9	18
131	3D coordination polymers with vanadyl fragments and alkaline earth metal ions. <i>Russian Chemical Bulletin</i> , <b>2011</b> , 60, 797-802	1.7	18
130	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
129	anti-syn and anti-anti coordination of the bridging CO <sub>2</sub> group in [Cu <sub>2</sub> (Phen) <sub>4</sub> (CO <sub>3</sub> ) <sub>2</sub> ]B <sub>10</sub> H <sub>10</sub> binuclear complexes: Synthesis, structure, and magnetic properties. <i>Russian Journal of Inorganic Chemistry</i> , <b>2013</b> , 58, 1527-1535	1.5	17
128	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
127	Magnetic Behavior of Carboxylate and Diketonate Lanthanide Complexes Containing Stable Organometallic Moieties in the Core-Forming Ligand. <i>Magnetochemistry</i> , <b>2016</b> , 2, 38	3.1	17
126	Synthesis, Structure, and Magnetic Properties of a Family of Complexes Containing a {CoII <sub>2</sub> DyIII} Pivalate Core and a Pentanuclear CoII <sub>4</sub> DyIII Derivative. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 1356-1366	2.3	17
125	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
124	New heterometallic pivalates with FeIII and ZnII ions: Synthesis, structures, magnetic, thermal properties. <i>Polyhedron</i> , <b>2017</b> , 137, 165-175	2.7	16
123	New sulfate-bridged dinuclear oxidovanadium complexes. <i>Inorganica Chimica Acta</i> , <b>2012</b> , 392, 192-198	2.7	16
122	Synthesis, structure, and magnetic properties of heterometallic trinuclear complexes {MII <sub>2</sub> LnIII <sub>2</sub> MII} (MII = Ni, Cu; LnIII = La, Pr, Sm, Eu, Gd). <i>Russian Chemical Bulletin</i> , <b>2011</b> , 60, 2490-2503	1.7	16
121	Polymeric lanthanide acetates with peripheral cymantrenecarboxylate groups [Synthesis, magnetism and thermolysis. <i>Polyhedron</i> , <b>2015</b> , 85, 941-952	2.7	15
120	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
119	Synthesis, structure, and ESR spectra of the new heteronuclear complex {Li <sub>4</sub> (VO) <sub>2</sub> [(OOC) <sub>2</sub> C(H)Bu] <sub>4</sub> (H <sub>2</sub> O) <sub>8</sub> }·H <sub>2</sub> O. <i>Russian Chemical Bulletin</i> , <b>2013</b> , 62, 962-965	1.7	14
118	Chemical Design of Heterometallic Coordination Polymers Based on {Cu(Me <sub>2</sub> mal) <sub>2</sub> } Fragment. <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 547-562	2.3	14
117	Polymeric heterometallic CuII dimethylmalonate complexes with potassium and cadmium ions. <i>Russian Chemical Bulletin</i> , <b>2012</b> , 61, 1419-1425	1.7	14
116	Ferromagnetically Coupled Molecular Complexes with a CoII <sub>2</sub> GdIII Pivalate Core: Synthesis, Structure, Magnetic Properties and Thermal Stability. <i>ChemistrySelect</i> , <b>2019</b> , 4, 14261-14270	1.8	14
115	Tri- and tetranuclear heteropivalate complexes with core {Fe <sub>2</sub> Ni O} (x = 1, 2): Synthesis, structure, magnetic and thermal properties. <i>Polyhedron</i> , <b>2019</b> , 159, 426-435	2.7	14

114	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
113	1,1-Cyclohexanediacetate as New Bridging Ligand for Assembling of Homo- and Heterometallic Molecular Complexes with Cu II3 , Cu II2 Ln III2 (Ln = Sm or Gd) and Ni II2 Gd III2 Cores: Synthesis, Structure and Magnetic Properties. <i>Journal of Cluster Science</i> , <b>2015</b> , 26, 137-155	3	13
112	Tetranuclear LnIII2MnII2 cymantrenecarboxylates. Synthesis, structure, thermolysis and magnetic properties. <i>Inorganica Chimica Acta</i> , <b>2014</b> , 418, 157-162	2.7	13
111	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
110	Platinum acetate blue: synthesis and characterization. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 8397-406	5.1	12
109	Binuclear nickel(II) complexes with 3,5-di-tert-butylbenzoate and 3,5-di-tert-butyl-4-hydroxybenzoate anions and 2,3-lutidine: the synthesis, structure, and magnetic properties. <i>Russian Chemical Bulletin</i> , <b>2016</b> , 65, 2812-2819	1.7	12
108	Lanthanide(III) (Eu, Gd, Tb, Dy) Complexes Derived from 4-(Pyridin-2-yl)methyleneamino-1,2,4-triazole: Crystal Structure, Magnetic Properties, and Photoluminescence. <i>Chemistry - an Asian Journal</i> , <b>2018</b> , 13, 2060	4.5	12
107	36-Nuclear anionic dimethylmalonate complexes of nickel(II) and cobalt(II) with cation of NBu 4 + : Synthesis, structure and magnetic properties. <i>Polyhedron</i> , <b>2017</b> , 130, 67-74	2.7	11
106	Vanadium (IV), (V) coordination compounds with 8-hydroxyquinoline derivative: Synthesis, structure and catalytic activity in the polymerization of ethylene. <i>Journal of Organometallic Chemistry</i> , <b>2015</b> , 798, 393-400	2.3	11
105	Combined analysis of chemical bonding in a Cu(II) dimer using QTAIM, Voronoi tessellation and Hirshfeld surface approaches. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , <b>2015</b> , 71, 543-54	1.8	11
104	Complexes of Cobalt(II) Iodide with Pyridine and Redox Active 1,2-Bis(arylimino)acenaphthene: Synthesis, Structure, Electrochemical, and Single Ion Magnet Properties. <i>Molecules</i> , <b>2020</b> , 25,	4.8	11
103	Supramolecular Maleate Adducts of Copper(II) 12-Metallacrown-4: Magnetism, EPR, and Alcohol Sorption Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 4866-4878	2.3	11
102	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
101	New complex bismuth oxides in the Bi2O3-NiO-B2O5 system and their properties. <i>Journal of Solid State Chemistry</i> , <b>2015</b> , 225, 97-104	3.3	11
100	The First Series of Heterometallic LnIII-VIV Complexes Based on Substituted Malonic Acid Anions: Synthesis, Structure and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 5075-5090	2.3	11
99	Intramolecular Spin State Locking in Iron(II) 2,6-Di(pyrazol-3-yl)pyridine Complexes by Phenyl Groups: An Experimental Study. <i>Magnetochemistry</i> , <b>2018</b> , 4, 46	3.1	11
98	Identification of paramagnetic nitrogen centers (P1) in diamond crystallites synthesized via the sintering of detonation nanodiamonds at high pressure and temperature. <i>Physics of the Solid State</i> , <b>2017</b> , 59, 1146-1153	0.8	10
97	New Spin-Crossover Complexes of Substituted 2,6-Bis(pyrazol-3-yl)pyridines. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 2819-2829	2.3	10

96	Molecular and Polymer LnM (Ln = Eu, Gd, Tb, Dy; M = Zn, Cd) Complexes with Pentafluorobenzoate Anions: The Role of Temperature and Stacking Effects in the Structure; Magnetic and Luminescent Properties. <i>Materials</i> , <b>2020</b> , 13,	3.5	10
95	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
94	Dinuclear Vanadium Sulfide Clusters: Synthesis, Redox Behavior, and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 2965-2971	2.3	10
93	Unusual structure of new dimethylmalonate coordination polymer with strontium atoms and VO <sub>2</sub> <sup>+</sup> fragments. <i>Russian Chemical Bulletin</i> , <b>2012</b> , 61, 1426-1429	1.7	10
92	2D Coordination Polymer Built from Lithium Dimethylmalonate and Coll Ions: The Influence of Dehydration on Spectral and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 1396-1405	2.3	9
91	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
90	Thermodynamic properties of caesiummanganese phosphate CsMnPO <sub>4</sub> . <i>Journal of Chemical Thermodynamics</i> , <b>2014</b> , 78, 114-119	2.9	9
89	Magnetostructural correlation for the Gd complexes with bridging oxygen. <i>Russian Chemical Bulletin</i> , <b>2013</b> , 62, 1768-1771	1.7	9
88	Copper(II), Nickel(II), and Cobalt(II)/(III) Self-Assembled Polynuclear Complexes of Bis[(pyridin-2-yl)-1,2,4-triazol-3-yl]methane. <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 704-712 <sup>3</sup>	2.3	9
87	Magnetically active coordination polymers containing VO <sub>2</sub> <sup>+</sup> and Na <sup>+</sup> cations linked by substituted malonic acid anions. <i>Russian Chemical Bulletin</i> , <b>2014</b> , 63, 1475-1486	1.7	9
86	Mononuclear and binuclear lanthanide acetates with chelating and bridging triethanolamine ligands. <i>Polyhedron</i> , <b>2018</b> , 154, 54-64	2.7	8
85	Synthesis, crystal structure and spin exchange coupling in polynuclear carboxylates with {Li <sub>2</sub> (VO) <sub>2</sub> } metal core. <i>Polyhedron</i> , <b>2017</b> , 137, 246-255	2.7	8
84	Synthesis, structure, and complexing ability of hetarylhydrazones of glyoxylic acid. <i>Russian Journal of General Chemistry</i> , <b>2011</b> , 81, 1691-1698	0.7	8
83	Isomorphism in the Bi <sub>1.8</sub> Fe <sub>1.2</sub> (1-x)Ga <sub>1.2</sub> xSbO <sub>7</sub> pyrochlores with spin glass transition. <i>Journal of Alloys and Compounds</i> , <b>2016</b> , 688, 1-7	5.7	8
82	Synthesis and characterization of Mn(II) coordination compounds with 2-(7-bromo-2-oxo-5-phenyl-3H-1,4-benzodiazepin-1-yl)acetohydrazide and its condensation product with pyruvic acid. <i>Russian Journal of Inorganic Chemistry</i> , <b>2015</b> , 60, 51-54	1.5	7
81	Solvent-Induced Encapsulation of Cobalt(II) Ion by a Boron-Capped tris-Pyrazoloximate. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 5845-5853	5.1	7
80	A New Series of Cobalt and Iron Clathrochelates with Perfluorinated Ribbed Substituents. <i>ACS Omega</i> , <b>2017</b> , 2, 6852-6862	3.9	7
79	The Bi <sub>2</sub> O <sub>3</sub> Fe <sub>2</sub> O <sub>3</sub> Sb <sub>2</sub> O <sub>5</sub> system phase diagram refinement, Bi <sub>3</sub> FeSb <sub>2</sub> O <sub>11</sub> structure peculiarities and magnetic properties. <i>Journal of Solid State Chemistry</i> , <b>2015</b> , 225, 278-284	3.3	7

78	Synthesis, structure, and magnetic properties of lanthanide ferrocenylacetates with nitrate and 2,2'-bipyridine ligands. <i>Journal of Coordination Chemistry</i> , <b>2016</b> , 69, 2723-2735	1.6	7
77	Thermostable 1D Lanthanide 4-Phenylbenzoate Polymers [Ln(4-phbz) <sub>3</sub> ] <sub>n</sub> (Ln = Sm, Eu, Gd, Tb, Dy, Ho) with Isolated Metal Chains: Synthesis, Structure, Luminescence, and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 2892-2904	2.3	6
76	Sol-gel synthesis of iron yttrium garnet Y <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> using metal acetylacetonates. <i>Russian Journal of Inorganic Chemistry</i> , <b>2017</b> , 62, 1135-1140	1.5	6
75	Structural, EPR spectroscopic, and magnetochemical study of hydrogen-bonded dimeric copper(II) complexes with hetaryl hydrazones. <i>Russian Journal of Inorganic Chemistry</i> , <b>2015</b> , 60, 1129-1136	1.5	6
74	Magnetic glass-ceramics containing multiferroic BiFeO <sub>3</sub> crystals. <i>Solid State Sciences</i> , <b>2015</b> , 40, 31-35	3.4	6
73	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 <sub>3</sub> (R = Ho, Y). <i>Polyhedron</i> , <b>2017</b> , 122, 184-193	2.7	5
72	Copper(II) self-assembled clusters of bis((pyridin-2-yl)-1,2,4-triazol-3-yl)alkanes. Unusual rearrangement of ligands under reaction conditions. <i>Dalton Transactions</i> , <b>2019</b> , 48, 3052-3060	4.3	5
71	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
70	Copper(II) coordination compounds with 2-(7-bromo-2-oxo-5-phenyl-3H-1,4-benzodiazepin-1-yl)acetohydrazide and products of its condensation with pyruvic acid. <i>Russian Journal of Inorganic Chemistry</i> , <b>2016</b> , 61, 38-42	1.5	5
69	Self-assembly and decay of Mn(II) pivalate-phosphonate complexes. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 1587	3.6	5
68	Dimerization of the copper(II) N-methylbenzoylhydroxamic acid complex in toluene according to EPR data. <i>Russian Journal of Inorganic Chemistry</i> , <b>2013</b> , 58, 186-188	1.5	5
67	New binuclear copper(II) complexes [Cu <sub>2</sub> (L) <sub>4</sub> (CO <sub>3</sub> )][B <sub>12</sub> H <sub>12</sub> ] (L = bipy, phen): Synthesis, structure, and magnetic properties. <i>Doklady Chemistry</i> , <b>2017</b> , 474, 137-140	0.8	5
66	Polymer lanthanide cymantrenecarboxylates. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2015</b> , 41, 805-816	1.6	5
65	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
64	Novel oxovanadium(IV) heterochelate complexes: synthesis, structure, ESR spectra, and photoluminescence properties. <i>Russian Chemical Bulletin</i> , <b>2012</b> , 61, 1084-1092	1.7	5
63	Thermodynamic properties and phase transition of monoclinic terbium orthophosphate. <i>Thermochimica Acta</i> , <b>2016</b> , 641, 63-70	2.9	5
62	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
61	Structures, magnetic properties, and EPR studies of tetranuclear copper(II) complexes [Cu <sub>4</sub> (OH) <sub>4</sub> L <sub>4</sub> ] <sup>4+</sup> (L = bpa, bipy) stabilized by anions containing decahydro-closo-decaborate anion. <i>Polyhedron</i> , <b>2020</b> , 183, 114540	2.7	4



60	ESR spectroscopy of FeIII ions in sodium silicate glasses. <i>Russian Chemical Bulletin</i> , <b>2014</b> , 63, 60-63	1.7	4
59	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
58	Synthesis of lanthanide manganites LnMnO <sub>3</sub> and LnMn <sub>2</sub> O <sub>5</sub> from individual molecular precursors. <i>Russian Journal of Inorganic Chemistry</i> , <b>2015</b> , 60, 1433-1443	1.5	4
57	Magnetically soft semiconductor InSb<Mn,Zn> with the curie temperature of 320 K. <i>Russian Journal of Inorganic Chemistry</i> , <b>2012</b> , 57, 998-1000	1.5	4
56	Heterometallic CoII-LiI carboxylate complexes with N-heterocyclic carbene, triphenylphosphine and pyridine: a comparative study of magnetic properties. <i>Mendeleev Communications</i> , <b>2021</b> , 31, 624-627	1.9	4
55	Modifying magnetic properties and dispersity of few-layer MoS <sub>2</sub> particles by 3d metal carboxylate complexes. <i>Materials Chemistry and Physics</i> , <b>2016</b> , 183, 457-466	4.4	4
54	Unusual Polynuclear Copper(II) Complexes with a Schiff-Base Ligand Containing Pyridyl and 1,2,4-Triazolyl Rings. <i>Journal of Cluster Science</i> , <b>2019</b> , 30, 1267-1275	3	3
53	Cobalt(II) Complexes Based on Benzylmalonate Anions Exhibiting Field-Induced Single-Ion Magnet Slow Relaxation Behavior. <i>Crystals</i> , <b>2020</b> , 10, 1130	2.3	3
52	Unexpected antifungal activity of half-sandwich complexes with metal-iodine bonds. <i>Journal of Organometallic Chemistry</i> , <b>2020</b> , 916, 121272	2.3	3
51	Binuclear copper(II) complexes of functionalized 1,2,4-triazoles: Synthesis, structure, and magnetic properties. <i>Russian Journal of Inorganic Chemistry</i> , <b>2014</b> , 59, 699-705	1.5	3
50	Osmium dimethyl sulfoxide complexes: Synthesis and properties of [H(dmsO) <sub>2</sub> ][OsIII(dmsO) <sub>2</sub> Br <sub>4</sub> ]. <i>Russian Journal of Inorganic Chemistry</i> , <b>2014</b> , 59, 678-682	1.5	3
49	Structure copper(II) complexes with N-methylacetohydroxamic acid in crystal and solution. <i>Russian Journal of Inorganic Chemistry</i> , <b>2014</b> , 59, 1480-1484	1.5	3
48	Structures and magnetic properties of new trinuclear CoII, NiII, and CuII complexes with trimethylacetate and 1,1-cyclohexanediacetate. <i>Russian Chemical Bulletin</i> , <b>2014</b> , 63, 1301-1307	1.7	3
47	Magnetic properties of CuGa <sub>0.94</sub> Mn <sub>0.06</sub> Te <sub>2</sub> . <i>Inorganic Materials</i> , <b>2012</b> , 48, 569-576	0.9	3
46	Barium(II)Chromium(III) Coordination Polymers Based on Dimethylmalonate Anions: Synthesis, Crystal Structure, Magnetic Properties, and EPR Spectra. <i>European Journal of Inorganic Chemistry</i> , <b>2020</b> , 2020, 4116-4126	2.3	3
45	Complexation Zn <sup>2+</sup> and Co <sup>2+/3+</sup> with primary diamines: Synthesis, structure and thermal properties. <i>Polyhedron</i> , <b>2020</b> , 190, 114764	2.7	3
44	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
43	The First Example of 3 d-4 f-Heterometallic Carboxylate Complex Containing Phosphine Ligand. <i>ChemistrySelect</i> , <b>2020</b> , 5, 12829-12834	1.8	3

42	Thermal stability and products of decomposition of molybdenum(IV) complex with isopropylhydroxylamine [MoO <sub>2</sub> (i-C <sub>3</sub> H <sub>7</sub> NHO) <sub>2</sub> ]. <i>Russian Journal of Inorganic Chemistry</i> , <b>2016</b> , 61, 750-754 <sup>1-5</sup>	3
41	Binding Features of {M(3d)(cbdc) <sub>2</sub> } Blocks (M(3d)=VIVO, CuII; cbdc <sub>2</sub> =Dianion of Cyclobutane-1,1-Dicarboxylic Acid) in Formation of Heterometallic Structures with d-Metal Cations. <i>ChemistrySelect</i> , <b>2018</b> , 3, 13765-13772	1.8 3
40	Nickel(II) complexes with 2-Hfur and N-donors: The magnetic effects of the structural variations, thermal properties and antimycobacterial activity against Mycolicibacterium smegmatis. <i>Polyhedron</i> , <b>2021</b> , 203, 115241	2.7 3
39	Magnetic properties of Cd <sub>1-x</sub> Fe <sub>x</sub> Cr <sub>2</sub> S <sub>4</sub> (x = 0.5-0.8) solid solutions. <i>Inorganic Materials</i> , <b>2017</b> , 53, 1150-1162	1.6 2
38	A new heterometallic pivalate {FeCd} complex as an example of unusual "ferric wheel" molecular self-assembly. <i>Dalton Transactions</i> , <b>2020</b> , 49, 15175-15179	4.3 2
37	Crystal structure and magnetic properties of a new heterometallic complex of Pd(II)-Cu(II) with 1-aminoethylidene-1,1-diphosphonic acid. <i>Journal of Structural Chemistry</i> , <b>2013</b> , 54, 315-320	0.9 2
36	New aerogels chemically modified with amino complexes of bivalent copper. <i>Russian Journal of Inorganic Chemistry</i> , <b>2015</b> , 60, 1459-1463	1.5 2
35	Coordination compounds of dysprosium(III) with 3-methyl-1-phenyl-4-formylpyrazol-5-one diacyldihydrazones. <i>Russian Journal of Inorganic Chemistry</i> , <b>2014</b> , 59, 1237-1243	1.5 2
34	Gadolinium(III) complexation with modified polymers according to ESR data. <i>Russian Journal of Inorganic Chemistry</i> , <b>2014</b> , 59, 1485-1490	1.5 2
33	Multi-walled carbon nanotubes with the pyridine-containing fragment and copper(II) ions. <i>Russian Chemical Bulletin</i> , <b>2012</b> , 61, 1430-1436	1.7 2
32	Mapping Magnetic Properties and Relaxation in Vanadium(IV) Complexes with Lanthanides by Electron Paramagnetic Resonance. <i>Molecules</i> , <b>2019</b> , 24,	4.8 2
31	Co Complexes with a Tripyridine Ligand, Containing a 2,6-Di- <i>n</i> -butylphenolic Fragment: Synthesis, Structure, and Formation of Stable Radicals. <i>ACS Omega</i> , <b>2019</b> , 4, 203-213	3.9 2
30	Determination of structures of Cu(II) and Ni(II) complexes based on 4-methyl-2,6-bis[[2-(4,6-dimethylpyrimidin-2-yl)-hydrazono]methyl]phenol by combine experimental and theoretical approaches. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1199, 126952	3.4 2
29	Synthesis, structure and magnetic properties of binuclear 3d-metal complexes of new 3-(2-pyridyl)-6-phenyl-1,2,4-triazine derivative. <i>Polyhedron</i> , <b>2021</b> , 193, 114901	2.7 2
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26	Switchable Aromaticity of Phthalocyanine via Reversible Nucleophilic Aromatic Addition to an Electron-Deficient Phosphorus(V) Complex. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 14053-14058	16.4 2
25	Products of complexation in the Cu(CH <sub>3</sub> COO) <sub>2</sub> -(7-bromo-2-oxo-5-phenyl-3H-1,4-benzodiazepin-1-yl)acetohydrazide-bis(cyclicaldehyde)-propanol system. <i>Russian Journal of Inorganic Chemistry</i> , <b>2017</b> , 62, 191-196	1



24	Synthesis, Structure, and Magnetic Properties of a Family of Complexes Containing a {CoII2DyIII} Pivalate Core and a Pentanuclear CoII4DyIII Derivative. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 1334-1334	2.3	1
23	Features of transition metal complexation with hydrogels. <i>Russian Journal of Inorganic Chemistry</i> , <b>2013</b> , 58, 830-832	1.5	1
22	Multifrequency EPR and DENR of polyacetylene composite. <i>Russian Journal of Inorganic Chemistry</i> , <b>2013</b> , 58, 183-185	1.5	1
21	Barothermal analysis of phase transformations of an Al-15 at % Ni alloy and its structure and magnetic properties. <i>Inorganic Materials</i> , <b>2013</b> , 49, 1091-1097	0.9	1
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