

Nikolay N Efimov

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.

149
papers

1,305
citations

18
h-index

25
g-index

153
ext. papers

1,554
ext. citations

2.6
avg, IF

4.45
L-index

#	Paper	IF	Citations
149	First examples of nickel/aluminum mixed chalcogenides based on the AuCu ₃ -type fragments: Breaking a robust intermetallic bond system in Ni ₃ Al. <i>Journal of Solid State Chemistry</i> , 2022 , 306, 122815-33		
148	Copper(II) perchlorate complexes with antipyrine: synthesis, structure, cytotoxicity and DFT calculations. <i>Mendeleev Communications</i> , 2022 , 32, 123-125	1.9	
147	Heterometallic Co(II)-Li carboxylate complexes with N-heterocyclic carbene, triphenylphosphine and pyridine: a comparative study of magnetic properties. <i>Mendeleev Communications</i> , 2021 , 31, 624-627	1.9	4
146	A new series of Schiff base Ni(II) ₄ cubanes: Evaluation of magnetic coupling via carboxylate bridges. <i>Polyhedron</i> , 2021 , 196, 115017	2.7	1
145	Effect of the Alkaline Metal Ion on the Crystal Structure and Magnetic Properties of Heterometallic Gd(III)-V(IV) Complexes Based on Cyclobutane-1,1-Dicarboxylate Anions. <i>Magnetochemistry</i> , 2021 , 7, 82	3.1	0
144	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> , 2021 , 193, 114901	2.7	2
143	Linear Tetranuclear Lanthanide Cymantrenecarboxylates with Diethylene Glycol Ligand: Synthesis, Magnetism, and Thermolysis. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 147-155	2.3	1
142	Unprecedented interplay of antiferro- and ferromagnetic exchange interactions through intermolecular hydrogen bonds in mononuclear Cu(II) complexes. <i>New Journal of Chemistry</i> , 2021 , 45, 12236-12246	3.6	1
141	Tetranuclear Cr-Ln ferrocenecarboxylate complexes with a defect-dicubane structure: synthesis, magnetism, and thermolysis. <i>Dalton Transactions</i> , 2021 , 50, 16990-16999	4.3	
140	Two types of LnCu hydroxo-trimethylacetate complexes with 0D and 1D motifs: synthetic features, structural differences, and slow magnetic relaxation. <i>Dalton Transactions</i> , 2021 , 50, 12275-12286	4.3	1
139	Versatile Reactivity of Mn Complexes in Reactions with N-Donor Heterocycles: Metamorphosis of Labile Homometallic Pivalates vs. Assembling of Endurable Heterometallic Acetates. <i>Molecules</i> , 2021 , 26,	4.8	1
138	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> , 2021 , 203, 115241	2.7	3
137	Cadmium-Inspired Self-Polymerization of {LnCd} Units: Structure, Magnetic and Photoluminescent Properties of Novel Trimethylacetate 1D-Polymers (Ln = Sm, Eu, Tb, Dy, Ho, Er, Yb). <i>Molecules</i> , 2021 , 26,	4.8	2
136	Switchable Aromaticity of Phthalocyanine via Reversible Nucleophilic Aromatic Addition to an Electron-Deficient Phosphorus(V) Complex. <i>Journal of the American Chemical Society</i> , 2021 , 143, 14053-14058	16.4	2
135	Mono- and tetranuclear Fe(II,III) complexes with primary 1,3-diaminopropane: Synthetic aspects, magnetic properties and thermal behavior. <i>Polyhedron</i> , 2021 , 206, 115354	2.7	
134	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> , 2020 , 13,	3.5	10
133	Cobalt(II) Complexes Based on Benzylmalonate Anions Exhibiting Field-Induced Single-Ion Magnet Slow Relaxation Behavior. <i>Crystals</i> , 2020 , 10, 1130	2.3	3

132	A new heterometallic pivalate {FeCd} complex as an example of unusual "ferric wheel" molecular self-assembly. <i>Dalton Transactions</i> , 2020 , 49, 15175-15179	4.3	2
131	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> , 2020 , 25,	4.8	11
130	Rapid preparation of SmCoO ₃ perovskite via uncommon though efficient precursors: Composition matters!. <i>Ceramics International</i> , 2020 , 46, 13014-13024	5.1	4
129	Charge transfer complexes of lanthanide 3,5-dinitrobenzoates and 1,2-phenylenediamine. <i>Journal of Molecular Structure</i> , 2020 , 1207, 127800	3.4	10
128	Solvent-Induced Encapsulation of Cobalt(II) Ion by a Boron-Capped tris-Pyrazoloximate. <i>Inorganic Chemistry</i> , 2020 , 59, 5845-5853	5.1	7
127	Unexpected antifungal activity of half-sandwich complexes with metal-bdine bonds. <i>Journal of Organometallic Chemistry</i> , 2020 , 916, 121272	2.3	3
126	Structures, magnetic properties, and EPR studies of tetranuclear copper(II) complexes [Cu ₄ (OH) ₄ L ₄] ⁴⁺ (L = [bpa, bipy] stabilized by anions containing decahydro-closo-decaborate anion. <i>Polyhedron</i> , 2020 , 183, 114540	2.7	4
125	Trimethylacetate-bridged mixed-valence binuclear vanadium(IV,V) complexes with a {(VO) ₂ (EO)} ₃ ⁺ core. <i>Polyhedron</i> , 2020 , 175, 114212	2.7	1
124	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> , 2020 , 2020, 4116-4126	2.3	3
123	Complexation Zn ²⁺ and Co ^{2+/3+} with primary diamines: Synthesis, structure and thermal properties. <i>Polyhedron</i> , 2020 , 190, 114764	2.7	3
122	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	2.3	3
121	Nickel - p-block metal mixed chalcogenides based on AuCu-type fragments: iodine-assisted synthesis as a way of obtaining new structures. <i>Dalton Transactions</i> , 2020 , 49, 15081-15094	4.3	1
120	The First Example of 3 d-4 f-Heterometallic Carboxylate Complex Containing Phosphine Ligand. <i>ChemistrySelect</i> , 2020 , 5, 12829-12834	1.8	3
119	Tetra-(benzo-24-crown-8)-phthalocyanines as a platform for supramolecular ensembles: Synthesis and interaction with viologen. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020 , 24, 1083-1092	1.8	
118	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> , 2020 , 1199, 126952	3.4	2
117	New Spin-Crossover Complexes of Substituted 2,6-Bis(pyrazol-3-yl)pyridines. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 2819-2829	2.3	10
116	Unusual Polynuclear Copper(II) Complexes with a Schiff-Base Ligand Containing Pyridyl and 1,2,4-Triazolyl Rings. <i>Journal of Cluster Science</i> , 2019 , 30, 1267-1275	3	3
115	A Trigonal Prismatic Cobalt(II) Complex as a Single Molecule Magnet with a Reduced Contribution from Quantum Tunneling. <i>ChemPhysChem</i> , 2019 , 20, 1001-1005	3.2	18

114	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> , 2019 , 48, 3052-3060	4.3	5
113	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	4.3	21
112	Mapping Magnetic Properties and Relaxation in Vanadium(IV) Complexes with Lanthanides by Electron Paramagnetic Resonance. <i>Molecules</i> , 2019 , 24,	4.8	2
111	Ferromagnetically Coupled Molecular Complexes with a Coll2GdIII Pivalate Core: Synthesis, Structure, Magnetic Properties and Thermal Stability. <i>ChemistrySelect</i> , 2019 , 4, 14261-14270	1.8	14
110	Tri- and tetranuclear heteropivalate complexes with core {Fe2Ni O} (x = 1, 2): Synthesis, structure, magnetic and thermal properties. <i>Polyhedron</i> , 2019 , 159, 426-435	2.7	14
109	Luminescent and magnetic properties of mononuclear lanthanide thiocyanates with terpyridine as auxiliary ligand. <i>Inorganica Chimica Acta</i> , 2019 , 486, 499-505	2.7	14
108	Co Complexes with a Tripyridine Ligand, Containing a 2,6-Di--butylphenolic Fragment: Synthesis, Structure, and Formation of Stable Radicals. <i>ACS Omega</i> , 2019 , 4, 203-213	3.9	2
107	Synthesis, Structure, and Magnetic Properties of a Family of Complexes Containing a {Coll2DyIII} Pivalate Core and a Pentanuclear Coll4DyIII Derivative. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 1334-1334	2.3	1
106	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> , 2018 , 47, 6199-6209	4.3	19
105	Mononuclear and binuclear lanthanide acetates with chelating and bridging triethanolamine ligands. <i>Polyhedron</i> , 2018 , 154, 54-64	2.7	8
104	Self-assembly and SMM properties of lanthanide cyanocobaltate chain complexes with terpyridine as blocking ligand. <i>Inorganica Chimica Acta</i> , 2018 , 482, 813-820	2.7	12
103	Dinuclear Vanadium Sulfide Clusters: Synthesis, Redox Behavior, and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 2965-2971	2.3	10
102	Synthesis, Structure, and Magnetic Properties of a Family of Complexes Containing a {Coll2DyIII} Pivalate Core and a Pentanuclear Coll4DyIII Derivative. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 1356-1366	2.3	17
101	Paramagnetic Pd ⁺ centers in the polymeric matrices of palladium(I) sorbates and 4-pentenat. <i>Mendeleev Communications</i> , 2018 , 28, 632-634	1.9	2
100	Binding Features of {M(3d)(cbdc)2} Blocks (M(3d)=VIVO, CuII; cbdc2 ²⁻ Dianion of Cyclobutane-1,1-Dicarboxylic Acid) in Formation of Heterometallic Structures with d-Metal Cations. <i>ChemistrySelect</i> , 2018 , 3, 13765-13772	1.8	3
99	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> , 2018 , 2018, 5075-5090	2.3	11
98	Intramolecular Spin State Locking in Iron(II) 2,6-Di(pyrazol-3-yl)pyridine Complexes by Phenyl Groups: An Experimental Study. <i>Magnetochemistry</i> , 2018 , 4, 46	3.1	11
97	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> , 2018 , 13, 2060	4.5	12

96	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> , 2017 , 2017, 1396-1405	2.3	9
95	Products of complexation in the Cu(CH ₃ COO) ₂ -(7-bromo-2-oxo-5-phenyl-3H-1,4-benzodiazepin-1-yl)acetohydrazide-bis(cyclohexylaldehyde)propanol system. <i>Russian Journal of Inorganic Chemistry</i> , 2017 , 62, 191-196	1.5	1
94	Novel mononuclear and 1D-polymeric derivatives of lanthanides and (β-benzoic acid)tricarboxylchromium: synthesis, structure and magnetism. <i>Dalton Transactions</i> , 2017 , 46, 3369-3380	4.3	21
93	36-Nuclear anionic dimethylmalonate complexes of nickel(II) and cobalt(II) with cation of NBu ₄ ⁺ : Synthesis, structure and magnetic properties. <i>Polyhedron</i> , 2017 , 130, 67-74	2.7	11
92	Thermostable 1D Lanthanide 4-Phenylbenzoate Polymers [Ln(4-phbz) ₃] _n (Ln = Sm, Eu, Gd, Tb, Dy, Ho) with Isolated Metal Chains: Synthesis, Structure, Luminescence, and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 2892-2904	2.3	6
91	Trigonal Prismatic Tris-pyridineoximate Transition Metal Complexes: A Cobalt(II) Compound with High Magnetic Anisotropy. <i>Inorganic Chemistry</i> , 2017 , 56, 6943-6951	5.1	35
90	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> , 2017 , 59, 1146-1153	0.8	10
89	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 = Ho, Y). <i>Polyhedron</i> , 2017 , 122, 184-193	2.7	5
88	Magnetic properties of Cd _{1-x} Fe _x Cr ₂ S ₄ (x = 0.50.8) solid solutions. <i>Inorganic Materials</i> , 2017 , 53, 1150-1162	1.6	2
87	Sol-gel synthesis of iron yttrium garnet Y ₃ Fe ₅ O ₁₂ using metal acetylacetonates. <i>Russian Journal of Inorganic Chemistry</i> , 2017 , 62, 1135-1140	1.5	6
86	New heterometallic pivalates with FeIII and ZnII ions: Synthesis, structures, magnetic, thermal properties. <i>Polyhedron</i> , 2017 , 137, 165-175	2.7	16
85	Supramolecular Maleate Adducts of Copper(II) 12-Metallacrown-4: Magnetism, EPR, and Alcohol Sorption Properties. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 4866-4878	2.3	11
84	New binuclear copper(II) complexes [Cu ₂ (L) ₄ (EO ₃)] ₂ [B ₁₂ H ₁₂] (L = bipy, phen): Synthesis, structure, and magnetic properties. <i>Doklady Chemistry</i> , 2017 , 474, 137-140	0.8	5
83	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	4.3	28
82	Synthesis, crystal structure and spin exchange coupling in polynuclear carboxylates with {Li ₂ (VO) ₂ } metal core. <i>Polyhedron</i> , 2017 , 137, 246-255	2.7	8
81	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> , 2017 , 2017, 3561-3569	2.3	17
80	A New Series of Cobalt and Iron Clathrochelates with Perfluorinated Ribbed Substituents. <i>ACS Omega</i> , 2017 , 2, 6852-6862	3.9	7
79	EPR spectral study of copper(II) chelates with hetarylhydrazones of glyoxylic acid. <i>Russian Journal of Inorganic Chemistry</i> , 2017 , 62, 822-826	1.5	

78	Thiocyanates of rare-earth elements with tetramethylphenanthroline. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2017 , 43, 352-363	1.6	4
77	Chemical Design of Heterometallic Coordination Polymers Based on {Cu(Me2mal)2} Fragment. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 547-562	2.3	14
76	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	2.7	11
75	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> , 2017 , 2017, 704-712 ^{2,3}		9
74	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	1.6	5
73	Synthesis, structure, and physical properties of new rare earth ferrocenoylacetates. <i>Dalton Transactions</i> , 2016 , 45, 6405-17	4.3	21
72	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> , 2016 , 61, 38-42	1.5	5
71	Magnetic Behavior of Carboxylate and β -Diketonate Lanthanide Complexes Containing Stable Organometallic Moieties in the Core-Forming Ligand. <i>Magnetochemistry</i> , 2016 , 2, 38	3.1	17
70	Isomorphism in the Bi _{1.8} Fe _{1.2} (1-x)Ga _{1.2} Sb _{0.7} pyrochlores with spin glass transition. <i>Journal of Alloys and Compounds</i> , 2016 , 688, 1-7	5.7	8
69	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> , 2016 , 65, 2812-2819	1.7	12
68	Charge transfer adducts of rare earth 3,5-dinitrobenzoates with N,N,N',N'-tetramethyl-p-phenylenediamine. <i>Inorganica Chimica Acta</i> , 2016 , 442, 86-96	2.7	1
67	Modifying magnetic properties and dispersity of few-layer MoS ₂ particles by 3d metal carboxylate complexes. <i>Materials Chemistry and Physics</i> , 2016 , 183, 457-466	4.4	4
66	Polymorphism in a Cobalt-Based Single-Ion Magnet Tuning Its Barrier to Magnetization Relaxation. <i>Journal of Physical Chemistry Letters</i> , 2016 , 7, 4111-4116	6.4	76
65	Thermodynamic properties and phase transition of monoclinic terbium orthophosphate. <i>Thermochimica Acta</i> , 2016 , 641, 63-70	2.9	5
64	Synthesis, structure, and magnetic properties of lanthanide ferrocenoylacetates with nitrate and 2,2'-bipyridine ligands. <i>Journal of Coordination Chemistry</i> , 2016 , 69, 2723-2735	1.6	7
63	Thermal stability and products of decomposition of molybdenum(IV) complex with isopropylhydroxylamine [MoO ₂ (i-C ₃ H ₇ NHO) ₂]. <i>Russian Journal of Inorganic Chemistry</i> , 2016 , 61, 750-754 ^{1,5}		3
62	Novel heterometallic polymeric lanthanide acetylacetonates with bridging cymantrenecarboxylate groups [Synthesis, magnetism and thermolysis. <i>Polyhedron</i> , 2015 , 102, 48-59	2.7	29
61	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> , 2015 , 60, 51-54	1.5	7

60	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> , 2015 , 798, 393-400	2.3	11
59	Binuclear and polynuclear cymantrenecarboxylate complexes of heavy lanthanides. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2015 , 41, 149-161	1.6	9
58	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> , 2015 , 71, 543-54	1.8	11
57	Structural, EPR spectroscopic, and magnetochemical study of hydrogen-bonded dimeric copper(II) complexes with hetaryl hydrazones. <i>Russian Journal of Inorganic Chemistry</i> , 2015 , 60, 1129-1136	1.5	6
56	Polymeric lanthanide acetates with peripheral cymantrenecarboxylate groups: Synthesis, magnetism and thermolysis. <i>Polyhedron</i> , 2015 , 85, 941-952	2.7	15
55	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> , 2015 , 26, 137-155	3	13
54	Heterometallic Na6Co3 Phenylsilsesquioxane Exhibiting Slow Dynamic Behavior in its Magnetization. <i>Chemistry - A European Journal</i> , 2015 , 21, 18563-5	4.8	32
53	Europium and terbium thiocyanates: Syntheses, crystal structures, luminescence and magnetic properties. <i>Inorganica Chimica Acta</i> , 2015 , 434, 41-50	2.7	23
52	New aerogels chemically modified with amino complexes of bivalent copper. <i>Russian Journal of Inorganic Chemistry</i> , 2015 , 60, 1459-1463	1.5	2
51	Polymer lanthanide cymantrenecarboxylates. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2015 , 41, 805-816	1.6	5
50	Influence of ligand structure on the dimerization of copper(II) N-substituted hydroxamates according to EPR data. <i>Russian Journal of Inorganic Chemistry</i> , 2015 , 60, 1556-1559	1.5	
49	Synthesis of lanthanide manganites LnMnO3 and LnMn2O5 from individual molecular precursors. <i>Russian Journal of Inorganic Chemistry</i> , 2015 , 60, 1433-1443	1.5	4
48	New complex bismuth oxides in the Bi2O3-NiO-B2O5 system and their properties. <i>Journal of Solid State Chemistry</i> , 2015 , 225, 97-104	3.3	11
47	Charge transfer adducts of binuclear rare earth 3,5-dinitrobenzoates with N,N-dimethylaniline and toluene. <i>Polyhedron</i> , 2015 , 89, 238-249	2.7	5
46	Magnetic glass/ceramics containing multiferroic BiFeO3 crystals. <i>Solid State Sciences</i> , 2015 , 40, 31-35	3.4	6
45	The Bi2O3-Fe2O3-B2O5 system phase diagram refinement, Bi3FeSb2O11 structure peculiarities and magnetic properties. <i>Journal of Solid State Chemistry</i> , 2015 , 225, 278-284	3.3	7
44	Self-assembly and decay of Mn(II) pivalate-phosphonate complexes. <i>New Journal of Chemistry</i> , 2014 , 38, 1587	3.6	5
43	Binuclear copper(II) complexes of functionalized 1,2,4-triazoles: Synthesis, structure, and magnetic properties. <i>Russian Journal of Inorganic Chemistry</i> , 2014 , 59, 699-705	1.5	3

42	Osmium dimethyl sulfoxide complexes: Synthesis and properties of $[H(dmsO)_2][Os^{III}(dmsO)_2Br_4]$. <i>Russian Journal of Inorganic Chemistry</i> , 2014 , 59, 678-682	1.5	3
41	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	1.6	15
40	ESR spectroscopy of Fe ^{III} ions in sodium silicate glasses. <i>Russian Chemical Bulletin</i> , 2014 , 63, 60-63	1.7	4
39	Platinum acetate blue: synthesis and characterization. <i>Inorganic Chemistry</i> , 2014 , 53, 8397-406	5.1	12
38	Thermodynamic properties of caesiummanganese phosphate CsMnPO ₄ . <i>Journal of Chemical Thermodynamics</i> , 2014 , 78, 114-119	2.9	9
37	Coordination compounds of dysprosium(III) with 3-methyl-1-phenyl-4-formylpyrazol-5-one diacyldihydrazones. <i>Russian Journal of Inorganic Chemistry</i> , 2014 , 59, 1237-1243	1.5	2
36	Gadolinium(III) complexation with modified polymers according to ESR data. <i>Russian Journal of Inorganic Chemistry</i> , 2014 , 59, 1485-1490	1.5	2
35	Structure copper(II) complexes with N-methylacetohydroxamic acid in crystal and solution. <i>Russian Journal of Inorganic Chemistry</i> , 2014 , 59, 1480-1484	1.5	3
34	Structures and magnetic properties of new trinuclear Co ^{II} , Ni ^{II} , and Cu ^{II} complexes with trimethylacetate and 1,1-cyclohexanediacetate. <i>Russian Chemical Bulletin</i> , 2014 , 63, 1301-1307	1.7	3
33	Magnetically active coordination polymers containing VO ₂ ⁺ and Na ⁺ cations linked by substituted malonic acid anions. <i>Russian Chemical Bulletin</i> , 2014 , 63, 1475-1486	1.7	9
32	Tetranuclear Ln ^{III} 2Mn ^{II} 2 cymantrenecarboxylates. Synthesis, structure, thermolysis and magnetic properties. <i>Inorganica Chimica Acta</i> , 2014 , 418, 157-162	2.7	13
31	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> , 2013 , 54, 315-320	0.9	2
30	Features of transition metal complexation with hydrogels. <i>Russian Journal of Inorganic Chemistry</i> , 2013 , 58, 830-832	1.5	1
29	Multifrequency EPR and DENR of polyacetylene composite. <i>Russian Journal of Inorganic Chemistry</i> , 2013 , 58, 183-185	1.5	1
28	Dimerization of the copper(II) N-methylbenzoylhydroxamic acid complex in toluene according to EPR data. <i>Russian Journal of Inorganic Chemistry</i> , 2013 , 58, 186-188	1.5	5
27	Electronic structure and electro-optical properties of ion radicals formed during the reduction of N,N'-dialkylsubstituted salts of 4,4'-bipyridyl. <i>Russian Journal of Physical Chemistry A</i> , 2013 , 87, 1386-1392	0.7	7
26	Lanthanide cymantrenecarboxylate complexes with an Ln:Mn ratio of 1:2 as precursors for LnMn ₂ O ₅ phases. Synthesis, structure, physicochemical properties, and thermal decomposition. <i>Polyhedron</i> , 2013 , 65, 110-121	2.7	17
25	Binuclear samarium(III) pivalates with chelating N-donors: Synthesis, structure, thermal behavior, magnetic and luminescent properties. <i>Polyhedron</i> , 2013 , 65, 152-160	2.7	16

24	Subsolidus phase equilibria and magnetic characterization of the pyrochlore in the Bi ₂ O ₃ -Fe ₂ O ₃ -B ₂ O ₃ system. <i>Journal of Alloys and Compounds</i> , 2013 , 579, 311-314	5.7	24
23	Magnetostructural correlation for the Gd complexes with bridging oxygen. <i>Russian Chemical Bulletin</i> , 2013 , 62, 1768-1771	1.7	9
22	Synthesis, structure, and ESR spectra of the new heteronuclear complex {Li ₄ (VO) ₂ [(OOC) ₂ C(H)Bu] ₄ (H ₂ O) ₈ }·H ₂ O. <i>Russian Chemical Bulletin</i> , 2013 , 62, 962-965	1.7	14
21	High-pressure phase transformations, microstructure, and magnetic properties of the hypereutectic alloy 10Ni-90Al. <i>Inorganic Materials</i> , 2013 , 49, 1098-1105	0.9	0
20	Barothermal analysis of phase transformations of an Al-15 at % Ni alloy and its structure and magnetic properties. <i>Inorganic Materials</i> , 2013 , 49, 1091-1097	0.9	1
19	anti-syn and anti-anti coordination of the bridging CO ₂ group in [Cu ₂ (Phen) ₄ (CO ₃)] ₂ ·10H ₂ O binuclear complexes: Synthesis, structure, and magnetic properties. <i>Russian Journal of Inorganic Chemistry</i> , 2013 , 58, 1527-1535	1.5	17
18	Mechanochemical activation of starting oxide mixtures for solid-state synthesis of BiFeO ₃ . <i>Inorganic Materials</i> , 2013 , 49, 303-309	0.9	18
17	Synthesis of high-purity nanocrystalline BiFeO ₃ . <i>Inorganic Materials</i> , 2013 , 49, 310-314	0.9	21
16	Tetranuclear hydroxo-bridged copper(II) cluster of the Z type: Preparation and structural and magnetic characterization of [(Cu ₄ bipy ₄ (OH) ₄ (B ₁₀ H ₁₀) ₂ (DMSO) ₂]. <i>Doklady Chemistry</i> , 2012 , 442, 1-3	0.8	18
15	Coordination and RedOx ratio of iron in sodium-silicate glasses. <i>Journal of Non-Crystalline Solids</i> , 2012 , 358, 3089-3095	3.9	23
14	Copper(I) complexes with 1-(2-carboxyphenyl)-5-heterylhydrazidinyl-6-celluloses as reversible redox indicators. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2012 , 38, 703-708 ^{1.6}	1.6	16
13	Synthesis, structure, thermal behavior, thermodynamic, magnetic and luminescent properties of Pr, Sm, Eu, and Gd cymantrenecarboxylates. <i>Polyhedron</i> , 2012 , 43, 36-46	2.7	22
12	Magnetic clusters in Cu _{1-x} In _{1-x} Fe _{2x} Se ₂ solid solutions. <i>Inorganic Materials</i> , 2012 , 48, 1165-1174	0.9	
11	Magnetically soft semiconductor InSb<Mn,Zn> with the curie temperature of 320 K. <i>Russian Journal of Inorganic Chemistry</i> , 2012 , 57, 998-1000	1.5	4
10	Polymeric heterometallic CuII dimethylmalonate complexes with potassium and cadmium ions. <i>Russian Chemical Bulletin</i> , 2012 , 61, 1419-1425	1.7	14
9	Unusual structure of new dimethylmalonate coordination polymer with strontium atoms and VO ₂ ⁺ fragments. <i>Russian Chemical Bulletin</i> , 2012 , 61, 1426-1429	1.7	10
8	Multi-walled carbon nanotubes with the pyridine-containing fragment and copper(II) ions. <i>Russian Chemical Bulletin</i> , 2012 , 61, 1430-1436	1.7	2
7	Novel oxovanadium(IV) heterochelate complexes: synthesis, structure, ESR spectra, and photoluminescence properties. <i>Russian Chemical Bulletin</i> , 2012 , 61, 1084-1092	1.7	5

6	New sulfate-bridged dinuclear oxidovanadium complexes. <i>Inorganica Chimica Acta</i> , 2012 , 392, 192-198	2.7	16
5	Magnetic properties of $\text{CuGa}_{0.94}\text{Mn}_{0.06}\text{Te}_2$. <i>Inorganic Materials</i> , 2012 , 48, 569-576	0.9	3
4	Synthesis, structure, and magnetic properties of heterometallic trinuclear complexes $\{\text{MII} \square \text{LnIII} \square \text{MII}\}$ (MII = Ni, Cu; LnIII = La, Pr, Sm, Eu, Gd). <i>Russian Chemical Bulletin</i> , 2011 , 60, 2490-2503	1.7	16
3	Synthesis, structure, solid-state thermal decomposition and magnetic properties of binuclear Nd, Gd and Eu cymantrenecarboxylates. <i>Polyhedron</i> , 2011 , 30, 2523-2529	2.7	22
2	Synthesis, structure, and complexing ability of hetarylhydrazones of glyoxylic acid. <i>Russian Journal of General Chemistry</i> , 2011 , 81, 1691-1698	0.7	8
1	3D coordination polymers with vanadyl fragments and alkaline earth metal ions. <i>Russian Chemical Bulletin</i> , 2011 , 60, 797-802	1.7	18