Nikolay N Efimov

List of Publications by Year
in descending order

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152	1,817	361296	477173
papers	citations	20 h-index	29 g-index

153	153	153	1340
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polymorphism in a Cobalt-Based Single-Ion Magnet Tuning Its Barrier to Magnetization Relaxation. Journal of Physical Chemistry Letters, 2016, 7, 4111-4116.	2.1	95
2	Trigonal Prismatic Tris-pyridineoximate Transition Metal Complexes: A Cobalt(II) Compound with High Magnetic Anisotropy. Inorganic Chemistry, 2017, 56, 6943-6951.	1.9	49
3	Heterometallic Na₆Co₃ Phenylsilsesquioxane Exhibiting Slow Dynamic Behavior in its Magnetization. Chemistry - A European Journal, 2015, 21, 18563-18565.	1.7	38
4	A Trigonal Prismatic Cobalt(II) Complex as a Single Molecule Magnet with a Reduced Contribution from Quantum Tunneling. ChemPhysChem, 2019, 20, 1001-1005.	1.0	37
5	Novel mononuclear Ln complexes with pyrazine-2-carboxylate and acetylacetonate co-ligands: remarkable single molecule magnet behavior of a Yb derivative. Dalton Transactions, 2017, 46, 11806-11816.	1.6	35
6	Coordination and RedOx ratio of iron in sodiumâ€silicate glasses. Journal of Non-Crystalline Solids, 2012, 358, 3089-3095.	1.5	33
7	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. Dalton Transactions, 2019, 48, 12644-12655.	1.6	33
8	Subsolidus phase equilibria and magnetic characterization of the pyrochlore in the Bi2O3â€“Fe2O3â€“Sb2O system. Journal of Alloys and Compounds, 2013, 579, 311-314.	2.8	31
9	Novel heterometallic polymeric lanthanide acetylacetonates with bridging cymantrenecarboxylate groups â€“ synthesis, magnetism and thermolysis. Polyhedron, 2015, 102, 48-59.	1.0	31
10	Yb³⁺ can be much better than Dy³⁺: SMM properties and controllable self-assembly of novel lanthanide 3,5-dinitrobenzoate-acetylacetonate complexes. Dalton Transactions, 2018, 47, 6199-6209.	1.6	30
11	Synthesis, structure, and physical properties of new rare earth ferrocenoylacetonates. Dalton Transactions, 2016, 45, 6405-6417.	1.6	26
12	Novel mononuclear and 1D-polymeric derivatives of lanthanides and (Î·⁶-benzoic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 3369-3380.	1.6	25
13	Complexes of Cobalt(II) Iodide with Pyridine and Redox Active 1,2-Bis(arylimino)acenaphthene: Synthesis, Structure, Electrochemical, and Single Ion Magnet Properties. Molecules, 2020, 25, 2054.	1.7	25
14	Synthesis, structure, thermal behavior, thermodynamic, magnetic and luminescent properties of Pr, Sm, Eu, and Gd cymantrenecarboxylates. Polyhedron, 2012, 43, 36-46.	1.0	24
15	Synthesis of high-purity nanocrystalline BiFeO3. Inorganic Materials, 2013, 49, 310-314.	0.2	24
16	Synthesis, structure, solid-state thermal decomposition and magnetic properties of binuclear Nd, Gd and Eu cymantrenecarboxylates. Polyhedron, 2011, 30, 2523-2529.	1.0	23
17	Europium and terbium thiocyanates: Syntheses, crystal structures, luminescence and magnetic properties. Inorganica Chimica Acta, 2015, 434, 41-50.	1.2	23
18	Solvent-Induced Encapsulation of Cobalt(II) Ion by a Boron-Capped tris-Pyrazoloximate. Inorganic Chemistry, 2020, 59, 5845-5853.	1.9	22

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19	Lanthanide cymantrenecarboxylate complexes with an Ln:Mn ratio of 1:2 as precursors for LnMn2O5 phases. Synthesis, structure, physicochemical properties, and thermal decomposition. Polyhedron, 2013, 65, 110-121.	1.0	21
20	Magnetic Behavior of Carboxylate and Î²-Diketonate Lanthanide Complexes Containing Stable Organometallic Moieties in the Core-Forming Ligand. Magnetochemistry, 2016, 2, 38.	1.0	21
21	New heterometallic pivalates with Fe III and Zn II ions: Synthesis, structures, magnetic, thermal properties. Polyhedron, 2017, 137, 165-175.	1.0	21
22	Synthesis, Structure, and Magnetic Properties of a Family of Complexes Containing a {CoII 2 DyIII } Pivalate Core and a Pentanuclear CoII 4 DyIII Derivative. European Journal of Inorganic Chemistry, 2018, 2018, 1356-1366.	1.0	21
23	Tetranuclear hydroxo-bridged copper(II) cluster of the Z type: Preparation and structural and		

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37	Chemical Design of Heterometallic Coordination Polymers Based on {Cu(Me₂mal)₂} Fragment. European Journal of Inorganic Chemistry, 2017, 2017, 547-562.	1.0	18
38	Synthesis, structure, and magnetic properties of heterometallic trinuclear complexes {MIIâ€”LnIIIâ€”MII} (MII = Ni, Cu; LnIII = La, Pr, Sm, Eu, Gd). Russian Chemical Bulletin, 2011, 60, 2490-2503.	0.4	17
39	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. Russian Chemical Bulletin, 2016, 65, 2812-2819.	0.4	17
40	Intramolecular Spin State Locking in Iron(II) 2,6-Di(pyrazol-3-yl)pyridine Complexes by Phenyl Groups: An Experimental Study. Magnetochemistry, 2018, 4, 46.	1.0	17
41	Lanthanide(III) (Eu, Gd, Tb, Dy) Complexes Derived from 4â€(Pyridinâ€2â€yl)methyleneaminoâ€1,2,4â€triazole: Crystal Structure, Magnetic Properties, and Photoluminescence. Chemistry - an Asian Journal, 2018, 13, 2060-2068.	1.7	17
42	Self-assembly and SMM properties of lanthanide cyanocobaltate chain complexes with terpyridine as blocking ligand. Inorganica Chimica Acta, 2018, 482, 813-820.	1.2	17
43	New sulfate-bridged dinuclear oxidovanadium complexes. Inorganica Chimica Acta, 2012, 392, 192-198.	1.2	16
44	Polymeric heterometallic CuII dimethylmalonate complexes with potassium and cadmium ions. Russian Chemical Bulletin, 2012, 61, 1419-1425.	0.4	15
45	Synthesis, structure, and ESR spectra of the new heteronuclear complex {Li4(VO)2[(OOC)2C(H)Bu]4(H2O)8}·H2O. Russian Chemical Bulletin, 2013, 62, 962-965.	0.4	15
46	1,1-Cyclohexanediacetate as New Bridging Ligand for Assembling of Homo- and Heterometallic Molecular Complexes with Cu 3 II , Cu 2 II Ln 2 III (LnÂ=ÂSm or Gd) and Ni 2 II Gd 2 III Cores: Synthesis, Structure and Magnetic Properties. Journal of Cluster Science, 2015, 26, 137-155.	1.7	15
47	36-Nuclear anionic dimethylmalonate complexes of nickel(II) and cobalt(II) with cation of NBu 4 + : Synthesis, structure and magnetic properties. Polyhedron, 2017, 130, 67-74.	1.0	15
48	Identification of paramagnetic nitrogen centers (P1) in diamond crystallites synthesized via the sintering of detonation nanodiamonds at high pressure and temperature. Physics of the Solid State, 2017, 59, 1146-1153.	0.2	15
49	New Spin-Crossover Complexes of Substituted 2,6-Bis(pyrazol-3-yl)pyridines. European Journal of Inorganic Chemistry, 2019, 2019, 2819-2829.	1.0	15
50	Tetranuclear LnIII2MnII2 cymantrenecarboxylates. Synthesis, structure, thermolysis and magnetic properties. Inorganica Chimica Acta, 2014, 418, 157-162.	1.2	14
51	Platinum Acetate Blue: Synthesis and Characterization. Inorganic Chemistry, 2014, 53, 8397-8406.	1.9	14
52	New complex bismuth oxides in the Bi2O3â€“NiOâ€“Sb2O5 system and their properties. Journal of Solid State Chemistry, 2015, 225, 97-104.	1.4	14
53	New neutral and anionic thiocyanate complexes of Y(III) and Eu(III) with 2,2â€²-bipyridine and 1,10-phenanthroline: Synthesis, structures, thermal behavior and photophysical properties. Inorganica Chimica Acta, 2017, 456, 76-85.	1.2	14
54	The First Series of Heterometallic Ln^{III}â€V^{IV} Complexes Based on Substituted Malonic Acid Anions: Synthesis, Structure and Magnetic Properties. European Journal of Inorganic Chemistry, 2018, 2018, 5075-5090.	1.0	14

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55	Rapid preparation of SmCoO3 perovskite via uncommon though efficient precursors: Composition matters!. Ceramics International, 2020, 46, 13014-13024.	2.3	14
56	Charge transfer complexes of lanthanide 3,5-dinitrobenzoates and 1,2-phenylenediamine. Journal of Molecular Structure, 2020, 1207, 127800.	1.8	14
57	Combined analysis of chemical bonding in a CuIIdimer using QTAIM, Voronoi tessellation and Hirshfeld surface approaches. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2015, 71, 543-554.	0.5	13
58	Supramolecular Maleate Adducts of Copper(II) 12â€Metallacrownâ€4: Magnetism, EPR, and Alcohol Sorption Properties. European Journal of Inorganic Chemistry, 2017, 2017, 4866-4878.	1.0	13
59	Dinuclear Vanadium Sulfide Clusters: Synthesis, Redox Behavior, and Magnetic Properties. European Journal of Inorganic Chemistry, 2018, 2018, 2965-2971.	1.0	13
60	Unusual structure of new dimethylmalonate coordination polymer with strontium atoms and VO2+ fragments. Russian Chemical Bulletin, 2012, 61, 1426-1429.	0.4	12
61	Thermodynamic properties of caesiumâ€“manganese phosphate CsMnPO4. Journal of Chemical Thermodynamics, 2014, 78, 114-119.	1.0	12
62	Vanadium (IV), (V) coordination compounds with 8-hydroxyquinoline derivative: Synthesis, structure and catalytic activity in the polymerization of ethylene. Journal of Organometallic Chemistry, 2015, 798, 393-400.	0.8	12
63	Synthesis, crystal structure and spin exchange coupling in polynuclear carboxylates with {Li 2 (VO) 2 } metal core. Polyhedron, 2017, 137, 246-255.	1.0	12
64	2D Coordination Polymer Built from Lithium Dimethylmalonate and Co^{II} Ions: The Influence of Dehydration on Spectral and Magnetic Properties. European Journal of Inorganic Chemistry, 2017, 2017, 1396-1405.	1.0	11
65	A New Series of Cobalt and Iron Clathrochelates with Perfluorinated Ribbed Substituents. ACS Omega, 2017, 2, 6852-6862.	1.6	11
66	Unexpected Supremacy of Nonâ€Dysprosium Singleâ€Ion Magnets within a Series of Isomorphic Lanthanide Cyanocobaltate(III) Complexes. European Journal of Inorganic Chemistry, 2020, 2020, 4380-4390.	1.0	11
67	Generation of a Hetero Spin Complex from Iron(II) Iodide with Redox Active Acenaphthene-1,2-Diimine. Molecules, 2021, 26, 2998.	1.7	11
68	Magnetostructural correlation for the Gd complexes with bridging oxygen. Russian Chemical Bulletin, 2013, 62, 1768-1771.	0.4	10
69	The Bi2O3â€“Fe2O3â€“Sb2O5 system phase diagram refinement, Bi3FeSb2O11 structure peculiarities and magnetic properties. Journal of Solid State Chemistry, 2015, 225, 278-284.	1.4	10
70	Binuclear and polynuclear cymantrenecarboxylate complexes of heavy lanthanides. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2015, 41, 149-161.	0.3	10
71	Copper(II), Nickel(II), and Cobalt(II)/(III) Self-Assembled Polynuclear Complexes of Bis[(pyridin-2-yl)-1,2,4-triazol-3-yl]]methane. European Journal of Inorganic Chemistry, 2017, 2017, 704-712.	1.0	10
72	Mononuclear and binuclear lanthanide acetates with chelating and bridging triethanolamine ligands. Polyhedron, 2018, 154, 54-64.	1.0	10

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73	Structures, magnetic properties, and EPR studies of tetranuclear copper(II) complexes [Cu4(OH)4L4]4+ (LÂ=Âbpa, bipy) stabilized by anions containing decahydro-closo-decaborate anion. Polyhedron, 2020, 183, 114540.	1.0	10
74	Switchable Aromaticity of Phthalocyanine via Reversible Nucleophilic Aromatic Addition to an Electron-Deficient Phosphorus(V) Complex. Journal of the American Chemical Society, 2021, 143, 14053-14058.	6.6	10
75	Magnetically active coordination polymers containing VO2+ and Na+ cations linked by substituted malonic acid anions. Russian Chemical Bulletin, 2014, 63, 1475-1486.	0.4	9
76	Synthesis, structure, and magnetic properties of lanthanide ferrocenoylacetonates with nitrate and 2,2â€²-bipyridine ligands. Journal of Coordination Chemistry, 2016, 69, 2723-2735.	0.8	9
77	Synthesis, structure, and complexing ability of hetarylhydrazones of glyoxylic acid. Russian Journal of General Chemistry, 2011, 81, 1691-1698.	0.3	8
78	Isomorphism in the Bi1.8Fe1.2(1â^'x)Ga1.2xSbO7 pyrochlores with spin glass transition. Journal of Alloys and Compounds, 2016, 688, 1-7.	2.8	8
79	Copper(II) coordination compounds with 2-(7-bromo-2-oxo-5-phenyl-3H-1,4-benzdiazepin-1-yl)acetohydrazide and products of its condensation with pyruvic acid. Russian Journal of Inorganic Chemistry, 2016, 61, 38-42.	0.3	8
80	Copper(<scp>ii</scp>) self-assembled clusters of bis((pyridin-2-yl)-1,2,4-triazol-3-yl)alkanes. Unusual rearrangement of ligands under reaction conditions. Dalton Transactions, 2019, 48, 3052-3060.	1.6	8
81	Mapping Magnetic Properties and Relaxation in Vanadium(IV) Complexes with Lanthanides by Electron Paramagnetic Resonance. Molecules, 2019, 24, 4582.	1.7	8
82	Cobalt(II) Complexes Based on Benzylmalonate Anions Exhibiting Field-Induced Single-Ion Magnet Slow Relaxation Behavior. Crystals, 2020, 10, 1130.	1.0	8
83	Cadmium-Inspired Self-Polymerization of {LnIIICd2} Units: Structure, Magnetic and Photoluminescent Properties of Novel Trimethylacetate 1D-Polymers (Ln = Sm, Eu, Tb, Dy, Ho, Er, Yb). Molecules, 2021, 26, 4296.	1.7	8
84	Dimerization of the copper(II) N-methylbenzoylhydroxamic acid complex in toluene according to EPR data. Russian Journal of Inorganic Chemistry, 2013, 58, 186-188.	0.3	7
85	Polymer lanthanide cymantrenecarboxylates. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2015, 41, 805-816.	0.3	7
86	Synthesis and characterization of Mn(II) coordination compounds with 2-(7-bromo-2-oxo-5-phenyl-3H-1,4-benzdiazepin-1-yl)acetohydrazide and its condensation product with pyruvic acid. Russian Journal of Inorganic Chemistry, 2015, 60, 51-54.	0.3	7
87	Structural, EPR spectroscopic, and magnetochemical study of hydrogen-bonded dimeric copper(II) complexes with hetaryl hydrazones. Russian Journal of Inorganic Chemistry, 2015, 60, 1129-1136.	0.3	7
88	Thermostable 1D Lanthanide 4â€Phenylbenzoate Polymers [Ln(4â€phbz)₃_n (Ln = Sm, Eu, Gd, Tb, Dy, Ho) with Isolated Metal Chains: Synthesis, Structure, Luminescence, and Magnetic Properties. European Journal of Inorganic Chemistry, 2017, 2017, 2892-2904.	1.0	7
89	Solâ€"gel synthesis of iron yttrium garnet Y3Fe5O12 using metal acetylacetonates. Russian Journal of Inorganic Chemistry, 2017, 62, 1135-1140.	0.3	7
90	New binuclear copper(II) complexes [Cu2(L)4(Î¼-CO3)][B12H12] (L = bipy, phen): Synthesis, structure, and magnetic properties. Doklady Chemistry, 2017, 474, 137-140.	0.2	7

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91	Binding Features of {M(3d)(cbdc)₂} Blocks (M(3d)=V^{IV}O, Cu^{II};) Tj ETQq1 1 0.784314 rgBT /O Structures with dâ€Metal Cations. ChemistrySelect, 2018, 3, 13765-13772.	0.7	7
92	The First Example of 3â€‰dâ€4â€‰fâ€Heterometallic Carboxylate Complex Containing Phosphine Ligand. ChemistrySelect, 2020, 5, 12829-12834.	0.7	7
93	Unexpected antifungal activity of half-sandwich complexes with metalâ^'iodine bonds. Journal of Organometallic Chemistry, 2020, 916, 121272.	0.8	7
94	Unprecedented interplay of antiferro- and ferromagnetic exchange interactions through intermolecular hydrogen bonds in mononuclear Cu(<scp>ii</scp>) complexes. New Journal of Chemistry, 2021, 45, 12236-12246.	1.4	7
95	Novel oxovanadium(iv) heterochelate complexes: synthesis, structure, ESR spectra, and photoluminescence properties. Russian Chemical Bulletin, 2012, 61, 1084-1092.	0.4	6
96	Charge transfer adducts of binuclear rare earth 3,5-dinitrobenzoates with N,N-dimethylaniline and toluene. Polyhedron, 2015, 89, 238-249.	1.0	6
97	Magnetic glassâ€“ceramics containing multiferroic BiFeO3 crystals. Solid State Sciences, 2015, 40, 31-35.	1.5	6
98	Thermodynamic properties and phase transition of monoclinic terbium orthophosphate. Thermochimica Acta, 2016, 641, 63-70.	1.2	6
99	Specific features of the structure, reactivity, thermolysis, and magnetism of cymantrenecarboxylate complexes of lanthanides. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2016, 42, 591-603.	0.3	6
100	Unusual Polynuclear Copper(II) Complexes with aÂSchiff-Base Ligand Containing Pyridyl and 1,2,4-Triazolyl Rings. Journal of Cluster Science, 2019, 30, 1267-1275.	1.7	6
101	Complexation Zn2+ and Co2+/3+ with primary diamines: Synthesis, structure and thermal properties. Polyhedron, 2020, 190, 114764.	1.0	6
102	A new heterometallic pivalate {Fe₈Cd} complex as an example of unusual â€œferric wheelâ€• molecular self-assembly. Dalton Transactions, 2020, 49, 15175-15179.	1.6	6
103	Two types of Ln₂Cu₂ hydroxo-trimethylacetate complexes with 0D and 1D motifs: synthetic features, structural differences, and slow magnetic relaxation. Dalton Transactions, 2021, 50, 12275-12286.	1.6	6
104	A new series of Schiff base Ni(II)4 cubanes: Evaluation of magnetic coupling via carboxylate bridges. Polyhedron, 2021, 196, 115017.	1.0	6
105	3D-Printed Porous Magnetic Carbon Materials Derived from Metalâ€“Organic Frameworks. Polymers, 2021, 13, 3881.	2.0	6
106	First examples of nickelâ€“Aluminum mixed chalcogenides based on the AuCu3-type fragments: Breaking a robust intermetallic bond system in Ni3Al. Journal of Solid State Chemistry, 2022, 306, 122815.	1.4	6
107	Magnetically soft semiconductor InSbâŒ©Mn,ZnâŒª with the curie temperature of 320 K. Russian Journal of Inorganic Chemistry, 2012, 57, 998-1000.	0.3	5
108	Magnetic properties of CuGa0.94Mn0.06Te2. Inorganic Materials, 2012, 48, 569-576.	0.2	5

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109	Self-assembly and decay of Mn(ii) pivalateâ€“phosphonate complexes. New Journal of Chemistry, 2014, 38, 1587.	1.4	5
110	Modifying magnetic properties and dispersity of few-layer MoS2 particles by 3d metal carboxylate complexes. Materials Chemistry and Physics, 2016, 183, 457-466.	2.0	5
111	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 =) Tj ETQq1 1 0.784314 rgBT /Ov	0.7	5
112	Barium(II)â€“Chromium(III) Coordination Polymers Based on Dimethylmalonate Anions: Synthesis, Crystal Structure, Magnetic Properties, and EPR Spectra. European Journal of Inorganic Chemistry, 2020, 2020, 4116-4126.	1.0	5
113	Nickel â€“ p-block metal mixed chalcogenides based on AuCu₃-type fragments: iodine-assisted synthesis as a way of obtaining new structures. Dalton Transactions, 2020, 49, 15081-15094.	1.6	5
114	Structure copper(II) complexes with N-methylacetohydroxamic acid in crystal and solution. Russian Journal of Inorganic Chemistry, 2014, 59, 1480-1484.	0.3	4
115	Structures and magnetic properties of new trinuclear CoII, NiII, and CuII complexes with trimethylacetate and 1,1-cyclohexanediacetate. Russian Chemical Bulletin, 2014, 63, 1301-1307.	0.4	4
116	ESR spectroscopy of FeIII ions in sodium silicate glasses. Russian Chemical Bulletin, 2014, 63, 60-63.	0.4	4
117	New aerogels chemically modified with amino complexes of bivalent copper. Russian Journal of Inorganic Chemistry, 2015, 60, 1459-1463.	0.3	4
118	Synthesis of lanthanide manganites LnMnO3 and LnMn2O5 from individual molecular precursors. Russian Journal of Inorganic Chemistry, 2015, 60, 1433-1443.	0.3	4
119	Thiocyanates of rare-earth elements with tetramethylphenanthroline. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2017, 43, 352-363.	0.3	4
120	Linear Tetranuclear Lanthanide Cymantrenecarboxylates with Diethylene Glycol Ligand: Synthesis, Magnetism, and Thermolysis. European Journal of Inorganic Chemistry, 2021, 2021, 147-155.	1.0	4
121	Tetranuclear Crâ€“Ln ferrocenecarboxylate complexes with a defect-dicubane structure: synthesis, magnetism, and thermolysis. Dalton Transactions, 2021, 50, 16990-16999.	1.6	4
122	Versatile Reactivity of MnII Complexes in Reactions with N-Donor Heterocycles: Metamorphosis of Labile Homometallic Pivalates vs. Assembling of Endurable Heterometallic Acetates. Molecules, 2021, 26, 1021.	1.7	4
123	High-pressure phase transformations, microstructure, and magnetic properties of the hypereutectic alloy 10Ni-90Al. Inorganic Materials, 2013, 49, 1098-1105.	0.2	3
124	Gadolinium(III) complexation with modified polymers according to ESR data. Russian Journal of Inorganic Chemistry, 2014, 59, 1485-1490.	0.3	3
125	Binuclear copper(II) complexes of functionalized 1,2,4-triazoles: Synthesis, structure, and magnetic properties. Russian Journal of Inorganic Chemistry, 2014, 59, 699-705.	0.3	3
126	Osmium dimethyl sulfoxide complexes: Synthesis and properties of [H(dmso)2][OsIII(dmso)2Br4]. Russian Journal of Inorganic Chemistry, 2014, 59, 678-682.	0.3	3

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127	Thermal stability and products of decomposition of molybdenum(IV) complex with isopropylhydroxylamine [MoO2(i-C3H7NHO)2]. Russian Journal of Inorganic Chemistry, 2016, 61, 750-754.	0.3	3
128	Magnetic properties of Cd1â€“x Fe x Cr2S4 (x = 0.5â€“0.8) solid solutions. Inorganic Materials, 2017, 53, 1150-1162.	0.2	3
129	Paramagnetic Pd+ centers in the polymeric matrices of palladium(I) sorbates and 4-pentenate. Mendeleev Communications, 2018, 28, 632-634.	0.6	3
130	CoII Complexes with a Tripyridine Ligand, Containing a 2,6-Di-tert-butylphenolic Fragment: Synthesis, Structure, and Formation of Stable Radicals. ACS Omega, 2019, 4, 203-213.	1.6	3
131	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. Journal of Molecular Structure, 2020, 1199, 126952.	1.8	3
132	Trimethylacetate-bridged mixed-valence binuclear vanadium(IV,V) complexes with a {(VO)2(Î¼-O)}3+ core. Polyhedron, 2020, 175, 114212.	1.0	3
133	Effect of the Alkaline Metal Ion on the Crystal Structure and Magnetic Properties of Heterometallic GdIII-VIV Complexes Based on Cyclobutane-1,1-Dicarboxylate Anions. Magnetochemistry, 2021, 7, 82.	1.0	3
134	Mononuclear Transition Metal Cymantrenecarboxylates as Precursors for Spinel-Type Manganites. Molecules, 2022, 27, 1082.	1.7	3
135	Multi-walled carbon nanotubes with the pyridine-containing fragment and copper(II) ions. Russian Chemical Bulletin, 2012, 61, 1430-1436.	0.4	2
136	Crystal structure and magnetic properties of a new heterometallic complex of Pd(II)-Cu(II) with 1-aminoethylidene-1,1-diphosphonic acid. Journal of Structural Chemistry, 2013, 54, 315-320.	0.3	2
137	Barothermal analysis of phase transformations of an Al-15 at % Ni alloy and its structure and magnetic properties. Inorganic Materials, 2013, 49, 1091-1097.	0.2	2
138	Coordination compounds of dysprosium(III) with 3-methyl-1-phenyl-4-formylpyrazol-5-one diacyldihydrazones. Russian Journal of Inorganic Chemistry, 2014, 59, 1237-1243.	0.3	2
139	Charge transfer adducts of rare earth 3,5-dinitrobenzoates with N,N,Nâ€²,Nâ€²-tetramethyl-p-phenylenediamine. Inorganica Chimica Acta, 2016, 442, 86-96.	1.2	2
140	Synthesis, structure and magnetic properties of binuclear 3d-metal complexes of new 3-(2-pyridyl)-6-phenyl-1,2,4-triazine derivative. Polyhedron, 2021, 193, 114901.	1.0	2
141	Mono- and tetranuclear Fe(II,III) complexes with primary 1,3-diaminopropane: Synthetic aspects, magnetic properties and thermal behavior. Polyhedron, 2021, 206, 115354.	1.0	2
142	Copper(II) perchlorate complexes with antipyrine: synthesis, structure, cytotoxicity and DFT calculations. Mendeleev Communications, 2022, 32, 123-125.	0.6	2
143	Magnetic clusters in Cu1 â^' x In1 â^' x Fe2x Se2 solid solutions. Inorganic Materials, 2012, 48, 1165-1174.	0.2	1
144	Features of transition metal complexation with hydrogels. Russian Journal of Inorganic Chemistry, 2013, 58, 830-832.	0.3	1

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145	Multifrequency EPR and DENR of polyacetylene composite. Russian Journal of Inorganic Chemistry, 2013, 58, 183-185.	0.3	1
146	Products of complexation in the Cu(CH3CĐžĐž)2â€“2-(7-bromo-2-oxo-5-phenyl-3H-1,4-benzodiazepin-1-yl)acetohydrazideâ€“salicylaldehydeâ€“isopropanol system. Russian Journal of Inorganic Chemistry, 2017, 62, 191-196.	0.3	1
147	Synthesis, Structure, and Magnetic Properties of a Family of Complexes Containing a {CoII 2 DyIII } Pivalate Core and a Pentanuclear CoII 4 DyIII Derivative. European Journal of Inorganic Chemistry, 2018, 2018, 1334-1334.	1.0	1
148	Copper(I) complexes with 1-(2-carboxyphenyl)-5-heterylhydrazidinyl-6-celluloses as reversible redox indicators. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2012, 38, 703-708.	0.3	0
149	Electronic structure and electro-optical properties of ion radicals formed during the reduction of N,Nâ€²-dialkylsubstituted salts of 4,4â€²-bipyridyl. Russian Journal of Physical Chemistry A, 2013, 87, 1386-1392.	0.1	0
150	Influence of ligand structure on the dimerization of copper(II) N-substituted hydroxamates according to EPR data. Russian Journal of Inorganic Chemistry, 2015, 60, 1556-1559.	0.3	0
151	EPR spectral study of copper(II) chelates with hetarylhydrazones of glyoxylic acid. Russian Journal of Inorganic Chemistry, 2017, 62, 822-826.	0.3	0
152	Tetra-(benzo-24-crown-8)-phthalocyanines as a platform for supramolecular ensembles: Synthesis and interaction with viologen. Journal of Porphyrins and Phthalocyanines, 2020, 24, 1083-1092.	0.4	0