

Igor L Eremenko

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.

540
papers

5,180
citations

30
h-index

42
g-index

577
ext. papers

5,823
ext. citations

2.1
avg, IF

5.31
L-index

#	Paper	IF	Citations
540	Analysis of the dependence of dimethylmalonate complexes structure on the nature of heterometals by the example of Co(II) and Cd(II) compounds with K and Ba atoms. <i>Journal of Molecular Structure</i> , 2022 , 1256, 132532	3.4	0
539	What are the prospects for using complexes of copper(ii) and zinc(ii) to suppress the vital activity of ?. <i>RSC Advances</i> , 2022 , 12, 5173-5183	3.7	0
538	Thermodynamic Characteristics of Silver Perfluorobenzoates C ₆ F ₅ COOAg and C ₆ F ₅ COOH and C ₆ F ₅ COOAg. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2022 , 48, 84-88	1.6	0
537	Effect of Non-Covalent Interactions on the 2,4- and 3,5-Dinitrobenzoate Eu-Cd Complex Structures. <i>Crystals</i> , 2022 , 12, 508	2.3	0
536	Synthesis and Crystal Structure of $\{Eu_2^{III}\}Cd_2$, $\{Tb_2^{III}\}Cd_2$ and $\{Eu_2^{III}\}Zn_2$ Complexes with Pentafluorobenzoic Acid Anions and Acetonitrile. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2022 , 48, 224-232	1.6	0
535	Effect of Titanium Doping of Lithium-Rich Cathode Materials. <i>Doklady Physical Chemistry</i> , 2022 , 502, 7-10	0.8	0
534	Simulation of Sorption Purification of Hydrocarbon Fuel from Sulfur Compounds with Transition-Metal Pivalates. <i>Theoretical Foundations of Chemical Engineering</i> , 2022 , 56, 84-91	0.9	0
533	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
532	Chemical design of heterometallic carboxylate structures with Fe ³⁺ and Ag ⁺ ions as a rational synthetic approach. <i>Mendeleev Communications</i> , 2021 , 31, 628-630	1.9	1
531	Electronic Structures of the Palladium(II) Complexes with Redox-Active o-Phenylenediimines. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2021 , 47, 702-706	1.6	0
530	Binuclear Complexes of Cu(II) and Mg(II) with 2-Furancarboxylic Acid: Synthesis, Structure, EPR Spectroscopy, and Results of In Vitro Biological Activity against Mycolicibacterium Smegmatis and SCOV3. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2021 , 47, 881-890	1.6	1
529	SYNTHESIS AND STRUCTURE OF AN NONTRIVIAL COORDINATION POLYMER $\{[Na_2Co(pfb)_2(H_2O)_8](pfb)_2\}_n$ WITH PENTAFLUOROBENZOATE ANIONS. <i>Journal of Structural Chemistry</i> , 2021 , 62, 1378-1384	0.9	3
528	Structure Forming Role of Alkaline Metal Cations in the Formation of Chromium(III) Complexes with Anions of Cyclopropane-1,1-Dicarboxylic Acid. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2021 , 47, 186-195	1.6	1
527	Synthesis, structure, and in vitro evaluation of biological activity of Cu(II) furancarboxylates against the non-pathogenic M. smegmatis strain. <i>Russian Chemical Bulletin</i> , 2021 , 70, 463-468	1.7	4
526	Isomerization of Binuclear Cadmium Carboxylate Complexes $[Cd_2L_2(O_2CR)_4]$. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2021 , 47, 261-271	1.6	0
525	Molecular and Polymeric Cadmium Nitrate Complexes with Bridging 3-Aminoquinoline: Synthesis, Structures, and Luminescence Properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2021 , 47, 272-279	1.6	0
524	Effect of Dopants on the Functional Properties of Lithium-Rich Cathode Materials for Lithium-Ion Batteries. <i>Russian Journal of Inorganic Chemistry</i> , 2021 , 66, 777-788	1.5	1

523	Heteroleptic cadmium(ii) and terbium(iii) pentafluorobenzoate-benzoate and pentafluorobenzoate-2-furancarboxylate compounds. <i>Russian Chemical Bulletin</i> , 2021 , 70, 830-838	1.7	2
522	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. <i>Magnetochemistry</i> , 2021 , 7, 82	3.1	0
521	Synthesis and Structure of Zn(II) Complexes with Cyclobutane-1,1-Dicarboxylic Acid Anions and Calcium and Barium Cations. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2021 , 47, 409-416	1.6	3
520	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
519	Binuclear Gadolinium(III) Pivalates with 4,7-Diphenyl-1,10-Phenanthroline: Synthesis, Structure, Thermal Behavior, Magnetic and Photoluminescence Properties. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 464-472	2.3	1
518	Coordination polymers based on 3,5-di-tert-butylbenzoate {Cd2Eu} moieties. <i>Inorganica Chimica Acta</i> , 2021 , 515, 120050	2.7	4
517	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
516	The effect of terminal N-donor aromatic ligands on the sensitization and emission of lanthanide ions in Zn2Ln (Ln = Eu, Tb) complexes with 4-biphenylcarboxylate anions. <i>New Journal of Chemistry</i> , 2021 , 45, 13349-13359	3.6	0
515	Effect of Initial Coll Salts on the Composition and Structure of CsIoll Dimethylmalonates. <i>Russian Journal of Inorganic Chemistry</i> , 2021 , 66, 179-186	1.5	2
514	Polynuclear architectures with cadmium and lithium ions based on the {Li2Cd2(O2CCMe3)6} fragment. <i>Journal of Solid State Chemistry</i> , 2021 , 294, 121842	3.3	1
513	BONDING FEATURES BETWEEN 2-PHENYLPYRIDINE AND 3d METAL IONS IN POLYNUCLEAR PIVALATES. <i>Journal of Structural Chemistry</i> , 2021 , 62, 184-195	0.9	3
512	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
511	Effect of Synthesis Conditions on the Composition and Structure of Chromium(III) Complexes with Cyclobutane-1,1-Dicarboxylic Acid Anions. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2021 , 47, 105-116	1.6	3
510	Influence of the Fluorinated Aromatic Fragments on the Structures of the Cadmium and Zinc Carboxylate Complexes Using Pentafluorobenzoates and 2,3,4,5-Tetrafluorobenzoates as Examples. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2021 , 47, 127-143	1.6	8
509	36-Nuclear Coordination Compounds of Nickel(II) with Malonate Anions and Internal Aquated Magnesium and Sodium Cations. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2021 , 47, 180-185	1.6	1
508	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
507	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
506	EFFECT OF SUBSTITUENT IN MALONATE ANIONS ON THE STRUCTURE OF Zn(II) COORDINATION POLYMERS. <i>Journal of Structural Chemistry</i> , 2021 , 62, 1209-1217	0.9	1

505	Removal of Acidic-Sulfur-Containing Components from Gasoline Fractions and Their Simulated Analogues Using Silica Gel Modified with Transition-Metal Carboxylates. <i>ACS Omega</i> , 2021 , 6, 23181-23190	3.9	0
504	Coordination of Hexahydro-1,3,5-trimethyl-1,3,5-triazine in Cadmium(II) and Cobalt(II) Carboxylate Complexes. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2021 , 47, 551-559	1.6	
503	Coordination Polymer of Ba ²⁺ with 2-Furoic Acid Anions: Synthesis, Structure, and Thermal Properties. <i>Russian Journal of Inorganic Chemistry</i> , 2021 , 66, 1343-1349	1.5	0
502	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	
501	Characteristic Features of Fixation of Ammonia by Copper(II), Nickel(II), and Cobalt(II) Ions in Pivalates. <i>Russian Journal of Inorganic Chemistry</i> , 2021 , 66, 1380-1389	1.5	
500	Coordination polymers of VIVIII (MII = Mn, Co, Ni, Cd) with ethylmalonate anions. <i>Russian Chemical Bulletin</i> , 2021 , 70, 2130-2138	1.7	
499	Synthesis, structure, and magnetic properties of the cobalt(ii) iodide complex with 1,4-diazabuta-1,3-diene ligand. <i>Russian Chemical Bulletin</i> , 2021 , 70, 2390-2396	1.7	0
498	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
497	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
496	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
495	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
494	Nontrivial structural organization of pivalate complexes with the fragment {Fe2Li(β-O)}. <i>Mendeleev Communications</i> , 2020 , 30, 273-275	1.9	5
493	Rare example of structurally characterized mononuclear N-heterocyclic carbene containing zinc carboxylate. <i>Mendeleev Communications</i> , 2020 , 30, 293-295	1.9	2
492	Coordination Polymer and Monomer with the Cd(NO ₃) ₂ Fragment Containing 2-Amino-5-Bromopyridine: Synthesis, Structures, NMR Study, and Luminescence Properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020 , 46, 420-429	1.6	1
491	Bioisostere Modifications of Cu ²⁺ and Zn ²⁺ with Pyromucic Acid Anions and N-Donors: Synthesis, Structures, Thermal Properties, and Biological Activity. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020 , 46, 411-419	1.6	10
490	Synthesis of Coordination Polymers from the Heterometallic Carboxylate Complexes with Chelating N-Donor Ligands. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020 , 46, 1-14	1.6	13
489	Coordination Polymers Based on Oxovanadium(IV) Butylmalonate Fragments and Potassium, Magnesium, and Cadmium Cations. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020 , 46, 89-97	1.6	3
488	Simple synthetic protocol to obtain 3d-4f-heterometallic carboxylate complexes of N-heterocyclic carbenes. <i>Inorganica Chimica Acta</i> , 2020 , 508, 119643	2.7	5

487	Synthesis and Structure of New Polymeric Lithium Pivalates. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020 , 46, 75-80	1.6	9
486	Molecular Structure and Photoluminescence Behavior of the Zn(II) Carboxylate Complex with Pyrazino[2,3-f][1,10]phenanthroline. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020 , 46, 260-267	1.6	9
485	Mononuclear Cu(II), Zn(II), and Co(II) Complexes with 2-Furoate Anions and 2,2'-Bpy: Synthesis, Structure, and Biological Activity. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020 , 46, 787-794	1.6	6
484	Some aspects of the formation and structural features of low nuclearity heterometallic carboxylates. <i>Pure and Applied Chemistry</i> , 2020 , 92, 1093-1110	2.1	8
483	Trimethylacetate-bridged mixed-valence binuclear vanadium(IV,V) complexes with a $\{(VO)_2(ED)\}_3^+$ core. <i>Polyhedron</i> , 2020 , 175, 114212	2.7	1
482	Improved In Vitro Antimycobacterial Activity of Trinuclear Complexes Cobalt(II,III) and Iron(III) with 2-Furoic Acid against Mycolicibacterium smegmatis. <i>ChemistrySelect</i> , 2020 , 5, 11837-11842	1.8	2
481	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
480	Influence of Substituents in the Aromatic Fragment of the Benzoate Anion on the Structures and Compositions of the Formed $\{Cd\}_n$ Complexes. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020 , 46, 493-504	1.6	10
479	Complexation Zn ²⁺ and Co ^{2+/3+} with primary diamines: Synthesis, structure and thermal properties. <i>Polyhedron</i> , 2020 , 190, 114764	2.7	3
478	Copper(II) Trimethylacetate Complex with Caffeine: Synthesis, Structure, and Biological Activity. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020 , 46, 772-778	1.6	9
477	New One-Pot Synthesis of Catechol Thioethers Based on H ₂ S and Unsaturated Hydrocarbons. <i>ChemistrySelect</i> , 2020 , 5, 14515-14519	1.8	2
476	Chemical Assembling of Heterometallic $\{Cd\}_n$ (M=Li, Mg, Eu, Tb) Molecules with 3,5-Di-tert-butylbenzoate Bridges and N-Donor Ligands. <i>ChemistrySelect</i> , 2020 , 5, 8475-8482	1.8	3
475	Cd(II) and Cd(II)Eu(III) Complexes with Pentafluorobenzoic Acid Anions and N-Donor Ligands: Synthesis and Structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020 , 46, 557-572	1.6	13
474	Unexpected Participation of the Carbonate Anion in the Assembly of Hexanuclear Cadmium(II) Trimethylacetate Complex. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020 , 46, 553-556	1.6	1
473	The First Example of 3 d-4 f-Heterometallic Carboxylate Complex Containing Phosphine Ligand. <i>ChemistrySelect</i> , 2020 , 5, 12829-12834	1.8	3
472	Influence of the steric properties of pyridine ligands on the structure of complexes containing the $\{LnCd_2(bzo)_7\}$ fragment. <i>Russian Chemical Bulletin</i> , 2020 , 69, 1544-1560	1.7	6
471	Facile synthesis and structure elucidation of metal-organic frameworks with $\{ZnCa\}$ and $\{Zn_2Ca\}$ metal cores. <i>Mendeleev Communications</i> , 2020 , 30, 722-724	1.9	3
470	XPS detection of unusual Cu(II) to Cu(I) transition on the surface of complexes with redox-active ligands. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2020 , 238, 146878	1.7	27

- 469 Vaporization Thermodynamics of Polymeric Cadmium Pivalate. *Russian Journal of Inorganic Chemistry*, **2019**, 64, 125-129 1.5 4
- 468 Synthesis of (sub)microcrystals of dinuclear terbium(III) carboxylate (Hpiv)₆Tb₂(piv)₆ and polymeric terbium(III) carboxylate {Tb(piv)₃} in supercritical carbon dioxide. Photoluminescence and magnetic properties. *Journal of Supercritical Fluids*, **2019**, 154, 104611 4.2 3
- 467 Polynuclear Co(II) Myrtenates with 2,4-Lutidine. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2019**, 45, 689-694 1.6
- 466 Structural and magnetic characterization of Ni(ii), Co(ii), and Fe(ii) binuclear complexes on a bis(pyridyl-triazolyl)alkane basis. *Dalton Transactions*, **2019**, 48, 10526-10536 4.3 3
- 465 Synthesis and electrochemical performance of Li-rich xLi₂MnO₃(1-x)LiMn_{1/3}Ni_{1/3}Co_{1/3}O₂ (x=0.20.5) cathode materials for lithium-ion batteries. *IOP Conference Series: Materials Science and Engineering*, **2019**, 525, 012042 0.4
- 464 Coordination Compounds of Lanthanides with Hydrazones of 3-Methyl-1-Phenyl-4-Formylpyrazole-5-One and 1,3,5-Benzenetricarboxylic acid. *Journal of Structural Chemistry*, **2019**, 60, 494-500 0.9 2
- 463 Unusual Polynuclear Copper(II) Complexes with a Schiff-Base Ligand Containing Pyridyl and 1,2,4-Triazolyl Rings. *Journal of Cluster Science*, **2019**, 30, 1267-1275 3 3
- 462 Influence of the composition on the electrochemical properties of cathode materials xLi₂MnO₃(1-x)LiMn_{1/3}Ni_{1/3}Co_{1/3}O₂ for lithium-ion batteries. *Russian Chemical Bulletin*, **2019**, 68, 293-300 1.7 4
- 461 Synthesis, microstructure, and electrochemical performance of Li-rich layered oxide cathode materials for Li-ion batteries. *Russian Chemical Bulletin*, **2019**, 68, 301-312 1.7 3
- 460 Atmospheric Oxygen Influence on the Chemical Transformations of 4,5-Dimethyl-1,2-Phenylenediamine in the Reactions with Copper(II) Pivalate. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2019**, 45, 273-287 1.6 17
- 459 Copper(ii) 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 4.3 5
- 458 Li-rich and Ni-rich transition metal oxides: Coating and core-shell structures. *Applied Surface Science*, **2019**, 474, 25-33 6.7 18
- 457 Interaction of Carboxyl Groups with Rare Metal Ions on the Surface of Detonation Nanodiamonds. *European Journal of Inorganic Chemistry*, **2019**, 2019, 4345-4349 2.3 9
- 456 Synthesis and Electrochemical Properties of Lithium-Ion Battery Cathode Materials Based on LiFePO₄||Mn₂O₄ and LiFePO₄||Ni_{0.82}Co_{0.18}O₂ Composites. *Russian Journal of Inorganic Chemistry*, **2019**, 64, 829-840 1.5 6
- 455 An X-ray Spectral Study of the Electronic Structure of Non-Innocent Mono- and Binuclear Platinum Complexes with N-Phenyl-o-Benzosemiquinonediimine. *Journal of Structural Chemistry*, **2019**, 60, 909-918 0.9 1
- 454 Homo- and Heteronuclear Architectures of Polynuclear Complexes Containing Anions of Substituted Malonic Acids: Synthetic Approaches and Analysis of Molecular and Crystal Structures. *Journal of Structural Chemistry*, **2019**, 60, 855-881 0.9 15
- 453 pH-Responsive Switching Properties of a Water-Soluble Metallamacrocyclic Phenylalaninehydroximate La(III)||Cu(II) Complex: Insight into Tuning Protonation Ligand States. *European Journal of Inorganic Chemistry*, **2019**, 2019, 4328-4335 2.3 3
- 452 New Heterometallic Co(III) Pivalate Complexes with 1,3-(CH₂)₃(NH₂)₂. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2019**, 45, 759-766 1.6 5

451	Methods for Synthesis of Molecular Materials with Unique Physical Properties. <i>Vestnik RFFI</i> , 2019 , 82-100.	1	1
450	Formation of New Unusual Cadmium Polymer with Bridging Thiocyanate Ions. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019 , 45, 831-835	1.6	1
449	Mapping Magnetic Properties and Relaxation in Vanadium(IV) Complexes with Lanthanides by Electron Paramagnetic Resonance. <i>Molecules</i> , 2019 , 24,	4.8	2
448	Ferromagnetically Coupled Molecular Complexes with a CoI_2GdIII Pivalate Core: Synthesis, Structure, Magnetic Properties and Thermal Stability. <i>ChemistrySelect</i> , 2019 , 4, 14261-14270	1.8	14
447	Synthesis, crystal structures and solid state reactions of zinc(ii) cyclobutane-1,1?-dicarboxylates containing 1,2-bis(pyrid-4 yl)ethylene. <i>Mendeleev Communications</i> , 2019 , 29, 643-645	1.9	5
446	Catalyst-free addition of secondary phosphine chalcogenides to pyrazolecarbaldehydes. <i>Mendeleev Communications</i> , 2019 , 29, 683-685	1.9	4
445	Tri- and tetranuclear heteropivalate complexes with core $\{\text{Fe}_2\text{Ni O}\}$ ($x = 1, 2$): Synthesis, structure, magnetic and thermal properties. <i>Polyhedron</i> , 2019 , 159, 426-435	2.7	14
444	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
443	Polynuclear Aminohydroximate Metallamacrocyclic Cu(II)-Ce(III) Complexes: A Facile Route to Intricate Nanostructures of Copper and Cerium Oxides. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 1002-1010	2.3	4
442	Synthesis, Structure, and Magnetic Properties of a Family of Complexes Containing a $\{\text{CoI}_2\text{DyIII}\}$ Pivalate Core and a Pentanuclear CoI_4DyIII Derivative. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 1334-1334	2.3	1
441	Electron density analysis in (tetramethylcyclobutadiene)cobalt complex with charge-compensated dicarbollide [9-SMe ₂ -7,8-C ₂ B ₉ H ₁₀] ligand. <i>Journal of Organometallic Chemistry</i> , 2018 , 867, 284-289	2.3	1
440	Synthesis, structure and photoluminescence properties of $\{\text{Zn}_2\text{Ln}_2\}$ heterometallic complexes with anions of 1-naphthylacetic acid and N-donor heterocyclic ligands. <i>Inorganica Chimica Acta</i> , 2018 , 477, 15-23	2.7	24
439	XPS study of structural transformations in some Ni complexes. <i>Surface and Interface Analysis</i> , 2018 , 50, 1154-1157	1.5	3
438	The Insertion of Carbon Dioxide in Combination with RNCS (R Is Et, Ph) or N,N?-Dihexylcarbodiimide into the ReD(R) Bonds. <i>Russian Journal of Inorganic Chemistry</i> , 2018 , 63, 191-196	1.5	
437	Effect of the Structure of Pyridine Ligands and the Substituent in the Carboxylate Anion on the Geometry of Transition Metal Complexes $[\text{M}_2(\text{O}_2\text{CR})_4\text{L}_2]$. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2018 , 44, 91-102	1.6	8
436	Synthesis and photophysical properties of Zn(II) Schiff base complexes possessing strong solvent-dependent solid-state fluorescence. <i>Polyhedron</i> , 2018 , 155, 202-208	2.7	16
435	Luminescent properties of zinc complexes of 4-formylpyrazolone based azomethine ligands: Excitation-dependent emission in solution. <i>Journal of Luminescence</i> , 2018 , 202, 370-376	3.8	25
434	Binuclear Cyclic Silver(I) Complex with the Anion of 4-[(2-Diphenylphosphanylphenyl)methyleneamino]benzoic Acid: Synthesis, Structure, and Optical Properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2018 , 44, 388-392	1.6	

433	Exploitation of knowledge databases in the synthesis of zinc(II) malonates with photo-sensitive and photo-insensitive ,'-containing linkers. <i>IUCrJ</i> , 2018 , 5, 293-303	4.7	10
432	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
431	Intermolecular Interactions in Crystals of the Photosensitive Coordination Compounds of Zinc(II). <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2018 , 44, 733-737	1.6	8
430	Diastereoselective solid-state crossed photocycloaddition of olefins in a 3D Zn(ii) coordination polymer. <i>Chemical Communications</i> , 2018 , 54, 13861-13864	5.8	12
429	Thermodynamic Characteristics of the Cadmium Pivalate Phenanthroline Complex Cd2Piv4Phen2. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2018 , 44, 728-732	1.6	3
428	Formation of Polynuclear Cadmium Pivalates in Exchange Reactions. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2018 , 44, 473-482	1.6	6
427	Binding Features of {M(3d)(cbdc)2} Blocks (M(3d)=VIVO, CuII; cbdc2=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
426	Effect of the Synthesis Method on the Functional Properties of Lithium-Rich Complex Oxides Li1.2Mn0.54Ni0.13Co0.13O2. <i>Russian Journal of Inorganic Chemistry</i> , 2018 , 63, 1534-1540	1.5	10
425	Unusual Bridging Coordination Modes of THF and Piv Anions in the Hexanuclear Nickel(II) Carboxylate Complex. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2018 , 44, 585-588	1.6	4
424	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
423	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
422	Control of the composition and crystal structure of exchange reaction products of rare-earth acetates with pivalic acid. <i>Inorganica Chimica Acta</i> , 2018 , 482, 8-15	2.7	4
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420	Chemical assembly of the heteronuclear pivalate complex with the LiI and FeIII ions. <i>Russian Chemical Bulletin</i> , 2018 , 67, 449-454	1.7	9
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417	Rational Synthesis and Investigation of Porous Metal-Organic Framework Materials from a Preorganized Heterometallic Carboxylate Building Block. <i>Inorganic Chemistry</i> , 2017 , 56, 1599-1608	5.1	57
416	Crystal structures and intense luminescence of tris(3-(2'-pyridyl)-pyrazolyl)borate Tb and Eu complexes with carboxylate co-ligands. <i>Dalton Transactions</i> , 2017 , 46, 3457-3469	4.3	13

4 ¹⁵	New copper(II) coordination compounds with 1,3-bis(5-(pyridin-2-yl)-1,2,4-triazol-3-yl)propane. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2017 , 43, 37-43	1.6	
4 ¹⁴	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
4 ¹³	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
4 ¹²	Synthesis and luminescent properties of copper(I) complexes with 3-pyridin-2-yl-5-(4-R-phenyl)-1H-1,2,4-triazoles. <i>Russian Journal of Inorganic Chemistry</i> , 2017 , 62, 423-430 ^{1.5}		4
4 ¹¹	Binuclear europium(III) pivalates with 4,7-diphenyl-1,10-phenanthroline: Controllable synthesis, unique structural transitions, and remarkable luminescence. <i>Polyhedron</i> , 2017 , 129, 105-113	2.7	8
4 ¹⁰	Effect of Ce(III)-Cu(II) 15-metallacrown-5 compounds on the dispersion of multi-walled carbon nanotubes in aqueous solutions: Toward surfactant-free applications. <i>Thin Solid Films</i> , 2017 , 628, 112-116 ^{2.2}		9
4 ⁰⁹	Influence of the Synthesis Conditions and the Presence of Guest Molecules on the Structures of Coordination Polymers [Fe ₂ MO(Piv) ₆ (L) _x] _n (L = 4,4'-Bipyridine, Bis(4-Pyridyl)ethane) with the Labile Crystal Lattice. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2017 , 43, 619-629	1.6	1
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4 ⁰⁷	Surface modification of silicon plate by hydrothermal treatment with a copper/berium metallamacrocyclic compound. <i>Mendeleev Communications</i> , 2017 , 27, 402-404	1.9	6
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4 ⁰⁵	36-Nuclear anionic cobalt(II) and nickel(II) complexes in solid-phase insertion reactions. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2017 , 43, 801-806	1.6	5
4 ⁰⁴	Examples of cation exchange in new ionic oxovanadium(IV) complexes with anions of cyclobutane-1,1-dicarboxylic acid. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2017 , 43, 709-717	1.6	2
4 ⁰³	Atomic structure and bonding interaction in a layered molybdenum disulfide compound with trimethylphenylammonium cations. <i>Russian Journal of Inorganic Chemistry</i> , 2017 , 62, 729-735	1.5	4
4 ⁰²	New approach to the synthesis of polynuclear heterometallic pivalates with iron and manganese atoms. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2017 , 43, 345-351	1.6	6
4 ⁰¹	Chemical Design of Heterometallic Coordination Polymers Based on {Cu(Me ₂ mal) ₂ } Fragment. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 547-562	2.3	14
4 ⁰⁰	A new family of Co(II), Ni(II), Fe(II) triple helicate systems on 5,5'-di(pyridin-2-yl)-3,3'-bi(1,2,4-triazole) basis: Synthesis, structure and magnetic studies. <i>Inorganica Chimica Acta</i> , 2017 , 456, 136-141	2.7	4
3 ⁹⁹	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
3 ⁹⁸	Nature and strength of weak intermolecular interactions with metal atoms in crystals of square-planar nickel(II) complexes. <i>Russian Chemical Bulletin</i> , 2017 , 66, 1550-1556	1.7	2

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165	New polynuclear molecular ferromagnetic complex {Co ₃ (P-NH ₂) ₂ C ₆ H ₂ Me ₂) ₂ (OOCMe ₃) ₂ (P-OOCMe ₃) ₂ (P-OOCMe ₃) ₂ (HOOCMe ₃) ₂ }[Co((P-NH ₂) ₂ C ₆ H ₂ Me ₂) ₂ (P-OOCMe ₃) ₂] ₂ }. <i>Russian Chemical Bulletin</i> , 2003 , 52, 513-515		
164	Unusual condensation of 4,5-dimethyl-1,2-phenylenediamine with phthalaldehyde in the presence of NiII complexes giving rise to 4,5-dimethyldiisoindolo[2,1-a:1,2-c]quinoxaline-1,8-dione. <i>Russian Chemical Bulletin</i> , 2003 , 52, 710-711	1.7	5

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162	Formation of amidine ligands in coordination spheres of CoII and NiII atoms. <i>Russian Chemical Bulletin</i> , 2003 , 52, 2105-2116	1.7	6
161	Formation of bi- and tetranuclear cobalt(ii) trimethylacetate complexes with 2-amino-5-methylpyridine and 2,6-diaminopyridine. <i>Russian Chemical Bulletin</i> , 2003 , 52, 2117-2124	1.7	11
160	New cobalt trimethylacetate complexes with pyridine. <i>Russian Chemical Bulletin</i> , 2003 , 52, 2125-2131	1.7	9
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158	Transformations of nitrates (nitro esters) of amino alcohols involving both functions. 1. Reaction with alkali metal hydrogen carbonates. <i>Russian Chemical Bulletin</i> , 2003 , 52, 2221-2230	1.7	0
157	Synthesis and structure of new dinuclear palladium complex containing no bridging ligands. <i>Russian Chemical Bulletin</i> , 2003 , 52, 2701-2706	1.7	6
156	Synthesis and Catalytic Properties of Di- and Trinuclear Palladium Complexes with PCP-Pincer Ligands. <i>Russian Journal of Organic Chemistry</i> , 2003 , 39, 1268-1281	0.7	18
155	Unexpected condensation of 4,5-dimethyl-1,2-phenylenediamine with phthalaldehyde to 4,5-dimethyldiisoindolo[2,1-a:1,2-c]quinoxaline-1,8-dione initiated by NiII complexes. <i>Mendeleev Communications</i> , 2003 , 13, 10-11	1.9	2
154	New polydentate Schiff bases and their cobalt complexes. <i>Mendeleev Communications</i> , 2003 , 13, 202-204.	1.9	10
153	Role of metal center in reactions of polynuclear nickel(ii) and cobalt(ii) trimethylacetates with 8-amino-2,4-dimethylquinoline. <i>Russian Chemical Bulletin</i> , 2003 , 52, 139-149	1.7	7
152	Chemical design of homo- and heteronuclear polyoxomolybdate clusters. <i>Russian Chemical Reviews</i> , 2003 , 72, 555-569	6.8	9
151	Pentanuclear pivalate Ni(II) and Co(II) clusters: modulation of molecular structures and magnetic properties. <i>Journal of Molecular Structure</i> , 2003 , 656, 207-224	3.4	31
150	Palladium and platinum catalyzed hydroselenation of alkynes: Se-H vs Se-Se addition to C-C bond. <i>Journal of Organometallic Chemistry</i> , 2003 , 679, 162-172	2.3	56
149	Mechanistic study of palladium catalyzed Se-H and Se-Se bonds addition to alkynes. <i>Journal of Organometallic Chemistry</i> , 2003 , 687, 451-461	2.3	66
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147	Nano-sized octa-nuclear nickel cationic complex: self-assembly on supramolecular level. <i>Inorganica Chimica Acta</i> , 2002 , 334, 334-342	2.7	11
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