

Igor L Eremenko

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#	Paper	IF	Citations
540	Bi- and Mononuclear Nickel(II) Trimethylacetate Complexes with Pyridine Bases as Ligands. <i>Inorganic Chemistry</i> , 1999 , 38, 3764-3773	5.1	95
539	Mechanistic Investigation and New Catalyst Design in Palladium- and Platinum-Catalyzed SeSe Bond Addition to Alkynes. <i>Organometallics</i> , 2003 , 22, 1414-1421	3.8	91
538	Nickel(II) Chloride-Catalyzed Regioselective Hydrothiolation of Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2005 , 347, 1993-2001	5.6	87
537	Heterometallic Coordination Polymers Assembled from Trigonal Trinuclear Fe ₂ Ni-Pivalate Blocks and Polypyridine Spacers: Topological Diversity, Sorption, and Catalytic Properties. <i>Inorganic Chemistry</i> , 2015 , 54, 5169-81	5.1	71
536	Mechanistic study of palladium catalyzed Se and SeSe bonds addition to alkynes. <i>Journal of Organometallic Chemistry</i> , 2003 , 687, 451-461	2.3	66
535	Synthesis, structure, and magnetic properties of (6-9)-nuclear Ni(II) trimethylacetates and their heterospin complexes with nitroxides. <i>Inorganic Chemistry</i> , 2006 , 45, 5338-50	5.1	58
534	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
533	Palladium and platinum catalyzed hydroselenation of alkynes: SeH vs SeSe addition to C≡C bond. <i>Journal of Organometallic Chemistry</i> , 2003 , 679, 162-172	2.3	56
532	X-ray photoelectron spectra and electron structure of polynuclear cobalt complexes. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2007 , 156-158, 200-203	1.7	51
531	Structure and solution behavior of a series of classical and nonclassical rhenium hydride complexes. <i>Inorganic Chemistry</i> , 1993 , 32, 3628-3636	5.1	51
530	Antiferromagnetic complexes involving metal-metal bonds. <i>Journal of Organometallic Chemistry</i> , 1979 , 165, 57-64	2.3	51
529	Highly Luminescent, Water-Soluble Lanthanide Fluorobenzoates: Syntheses, Structures and Photophysics, Part I: Lanthanide Pentafluorobenzoates. <i>Chemistry - A European Journal</i> , 2015 , 21, 17921-32	4.8	46
528	Topology Control of Porous Coordination Polymers by Building Block Symmetry. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 5055-5057	2.3	44
527	New antiferromagnetic Mn(II) pivalate polymer: synthesis and reactivity. <i>Inorganic Chemistry Communication</i> , 2005 , 8, 89-93	3.1	44
526	Hydrogen/Hydrogen Exchange and Formation of Dihydrogen Derivatives of Rhenium Hydride Complexes in Acidic Solutions. <i>Organometallics</i> , 1994 , 13, 4194-4202	3.8	44
525	The Reduction of [Fe(CO) ₂ L ₂ X ₂] (L = P(OMe) ₃ , P(OiPr) ₃ , PEt ₃ ; X = Br, I) from Iron(II) to Iron(0) via Stable Iron(I) Intermediates. <i>Chemistry - A European Journal</i> , 1995 , 1, 541-548	4.8	43
524	Manifestation of π-stacking interactions in luminescence properties and energy transfer in aromatically-derived Tb, Eu and Gd tris(pyrazolyl)borate complexes. <i>Inorganic Chemistry</i> , 2015 , 54, 3125-33	5.1	40

523	Chemical design of high spin polynuclear manganese(II) and iron(II) carboxylates. <i>Russian Chemical Reviews</i> , 2006 , 75, 559-575	6.8	40
522	Synthesis, Structure, Thermal Stability, and Magnetic and Luminescence Properties of Dinuclear Lanthanide(III) Pivalates with Chelating N-Donor Ligands. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 3595-3610	2.3	39
521	Structural and energetic aspects of hydrogen bonding and proton transfer to $\text{ReH}_2(\text{CO})(\text{NO})(\text{PR}_3)_2$ and $\text{ReHCl}(\text{CO})(\text{NO})(\text{PMe}_3)_2$ by IR and X-ray studies. <i>Journal of Organometallic Chemistry</i> , 2000 , 610, 58-70 ³	3.9	39
520	Tetranuclear Lanthanide Complexes Containing a Hydrazone-type Ligand. Dysprosium [2 D] Gridlike Single-Molecule Magnet and Toroid. <i>Inorganic Chemistry</i> , 2016 , 55, 12470-12476	5.1	36
519	High-spin carboxylate polymers $[\text{M}(\text{OOCMe}_3)_2]_n$ of group VIII 3d metals. <i>Russian Chemical Bulletin</i> , 2006 , 55, 1909-1919	1.7	36
518	Formation of antiferromagnetic heteronuclear thiolate and sulfide bridged complexes. <i>Journal of Organometallic Chemistry</i> , 1994 , 471, 123-132	2.3	34
517	2D porous honeycomb polymers versus discrete nanocubes from trigonal trinuclear complexes and ligands with variable topology. <i>Chemistry - A European Journal</i> , 2012 , 18, 5006-12	4.8	33
516	Imido/nitrene ligands in the complexes of platinum metals. <i>Journal of Organometallic Chemistry</i> , 1998 , 551, 171-194	2.3	33
515	Heterometallic Na_6Co_3 Phenylsilsesquioxane Exhibiting Slow Dynamic Behavior in its Magnetization. <i>Chemistry - A European Journal</i> , 2015 , 21, 18563-5	4.8	32
514	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
513	Antiferromagnetic complexes with metal-metal bonds. <i>Journal of Organometallic Chemistry</i> , 1983 , 248, 309-320	2.3	31
512	Versatile coordination modes of bis[5-(2-pyridine-2-yl)-1,2,4-triazole-3-yl]alkanes in Cu(II) complexes. <i>Dalton Transactions</i> , 2014 , 43, 7153-65	4.3	30
511	Pivalate Bridged High Spin Manganese(II) and Iron(II) Polymers. <i>Journal of Cluster Science</i> , 2005 , 16, 331-351	3.5	30
510	Synthesis and molecular structure of niobocene η^5 (tricarbonyl)(η^5 cyclopentadienyl)molybdenum with metal-metal bond and unusual coordination of carbonyl groups. <i>Journal of Organometallic Chemistry</i> , 1979 , 165, 49-56	2.3	30
509	Antiferromagnetic complexes involving metal-metal bonds. <i>Journal of Organometallic Chemistry</i> , 1981 , 214, 351-365	2.3	28
508	Step-by-step thermal transformations of a new porous coordination polymer $[(\text{H}_2\text{O})_5\text{CuBa}(\text{Me}_2\text{mal})_2]_n$ ($\text{Me}_2\text{mal}^{2-}$ dimethylmalonate): Thermal degradation to barium cuprate. <i>Journal of Solid State Chemistry</i> , 2013 , 197, 379-391	3.3	27
507	Synthesis, structure, solid-state thermolysis, and thermodynamic properties of new heterometallic complex $\text{Li}_2\text{Co}_2(\text{Piv})_6(\text{NEt}_3)_2$. <i>Journal of Solid State Chemistry</i> , 2010 , 183, 2475-2482	3.3	27
506	An unusual example of hydrogen molecule (H_2) coordination by a d4 metal center: reactions between $\text{OsH}_2\text{Cl}_2(\text{PPr-iso}_3)_2$ and H_2 . <i>Journal of the American Chemical Society</i> , 1993 , 115, 5831-5832	16.4	27

505	Antiferromagnetic complexes with metal ² /3- metal bonds. <i>Journal of Organometallic Chemistry</i> , 1981 , 216, 211-221	2.3	27
504	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
503	Structural and photophysical studies of europium complexes containing triazole ligands. <i>Inorganica Chimica Acta</i> , 2012 , 387, 321-326	2.7	26
502	Antiferromagnetic complexes involving metal ² /metal bonds. II. The conditions for observation and means of intended variation of antiferromagnetic properties of binuclear complexes involving Cr ² /Cr and V ² /V bonds. <i>Inorganica Chimica Acta</i> , 1980 , 39, 91-97	2.7	26
501	Tetranuclear Heterometallic {Zn ₂ Eu ₂ } Complexes With 1-Naphthoate Anions: Synthesis, Structure and Photoluminescence Properties. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 604-12	4.5	25
500	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
499	Structural Flexibility and Sorption Properties of 2D Porous Coordination Polymers Constructed from Trinuclear Heterometallic Pivalates and 4,4'-Bipyridine. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 4985-4992	2.3	25
498	Synthesis, molecular and crystal structure, magnetic properties, luminescence, and solid-phase thermolysis of binuclear Ln(III) pivalates with 2,2'-dipyridyl and 1,10-phenanthroline molecules. <i>Russian Journal of Inorganic Chemistry</i> , 2009 , 54, 668-685	1.5	25
497	Synthesis and characterization of Li(I)M(II) (M=Co, Ni) heterometallic complexes as molecular precursors for LiMO ₂ . <i>Polyhedron</i> , 2011 , 30, 132-141	2.7	25
496	Stable paramagnetic bis(alkynyl) manganese complexes. <i>Journal of Organometallic Chemistry</i> , 1996 , 511, 111-114	2.3	25
495	Synthesis, structure and thermolysis of Ba(II)M(II) (M = Co, Zn) bimetallic 3D-polymers as precursors of complex oxides. <i>Polyhedron</i> , 2015 , 87, 28-37	2.7	24
494	Synthesis, structure and photoluminescence properties of {Zn ₂ 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
493	Structural and photophysical studies on ternary Sm(III), Nd(III), Yb(III), Er(III) complexes containing pyridyltriazole ligands. <i>Polyhedron</i> , 2012 , 47, 37-45	2.7	24
492	Chloride-Chloroform Clusters Exhibiting Weak Hydrogen and Halogen Bondings Are Fully Characterized in the Solid State by X-ray Diffraction. <i>Crystal Growth and Design</i> , 2010 , 10, 4839-4846	3.5	24
491	Influence of the nature of organic components in dinuclear copper(II) pivalates on the composition of thermal decomposition products. <i>Polyhedron</i> , 2010 , 29, 1734-1746	2.7	24
490	New polynuclear cobalt trimethylacetate complexes: synthesis and structure. <i>Russian Chemical Bulletin</i> , 1999 , 48, 1751-1756	1.7	24
489	Coordination capabilities of metal ions and steric features of organic ligands affecting formation of mono- or binuclear zinc(II) and cadmium(II) pivalates. <i>Polyhedron</i> , 2018 , 152, 61-72	2.7	24
488	The formation of heterometallic molecular architectures with 3d-metal atoms linked by carboxylate bridges with alkali and alkaline-earth metal ions or with lanthanides. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2016 , 42, 621-634	1.6	23

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- 479 Synthesis and molecular structure of the niobocene sulphide dimer. *Journal of Organometallic Chemistry*, **1984**, 267, 285-292 2.3 21
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- 476 Antiferromagnetic complexes with the metal-metal bond. *Journal of Organometallic Chemistry*, **1989**, 368, 185-192 2.3 20
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- 474 Structural influence of the substituent in carboxylate anion on example of η⁵ and η¹ naphthoate complexes of Co(II), Ni(II), Cu(II), and Zn(II). *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2015**, 41, 182-188 1.6 19
- 473 Syntheses and structures of heterometallic complexes M-Co(II) (M = Li(I), Mg(II), and Eu(III)) with anions of 2-naphthoic acid. An influence of the heterometal on the structure of the complex. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2015**, 41, 777-786 1.6 19
- 472 Synthesis and characterization of new heterodinuclear (Eu,Tb) lanthanide pivalates. *Polyhedron*, **2013**, 50, 297-305 2.7 19
- 471 Polymeric heterometallic dicarboxylates [MII_x(VIVO)_xL₂x(H₂O)_y] (MII = Ba, Mn; L = Me₂mal, Bumal) and their electrochemical study on solid and composite paste electrodes. *Polyhedron*, **2014**, 77, 47-56 2.7 19
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- 463 Li-rich and Ni-rich transition metal oxides: Coating and core-shell structures. *Applied Surface Science*, **2019**, 474, 25-33 6.7 18
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- 461 Influence of ligands peripheral substituents on the structure, magnetochemical and electrochemical behaviour of complexes containing a Cu_2O_2 butterfly core. *Inorganica Chimica Acta*, **2008**, 361, 2032-2044 2.7 18
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- 456 Solvent-Induced Change of Electronic Spectra and Magnetic Susceptibility of Co(II) Coordination Polymer with 2,4,6-Tris(4-pyridyl)-1,3,5-triazine. *Inorganic Chemistry*, **2015**, 54, 5232-8 5.1 17
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- 452 1D nickel(II) coordination polymer with pyrimidine and pivalate bridges: Synthesis, structure and magnetic properties. *Inorganic Chemistry Communication*, **2010**, 13, 498-501 3.1 17

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450	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> , 2018 , 2018, 1356-1366	2.3	17
449	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
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446	Synthesis, structure, and thermal behavior of polymeric zinc(ii) pivalate. <i>Russian Chemical Bulletin</i> , 2013 , 62, 427-434	1.7	16
445	New heterometallic pivalates with FeIII and ZnII ions: Synthesis, structures, magnetic, thermal properties. <i>Polyhedron</i> , 2017 , 137, 165-175	2.7	16
444	New sulfate-bridged dinuclear oxidovanadium complexes. <i>Inorganica Chimica Acta</i> , 2012 , 392, 192-198	2.7	16
443	Synthesis, structure, and magnetic properties of heterometallic trinuclear complexes {MIIInIIIIMII} (MII = Ni, Cu; LnIII = La, Pr, Sm, Eu, Gd). <i>Russian Chemical Bulletin</i> , 2011 , 60, 2490-2503	1.7	16
442	Reactions of benzonitrile with diiodides of neodymium, dysprosium, and thulium. <i>Russian Chemical Bulletin</i> , 2004 , 53, 825-829	1.7	16
441	Attempted Synthesis of Divalent Neodymium Derivatives. Crystal Structure of the Nd(III) Complex [NdCl2(2,4,6-t-Bu3C6H2O)(EtCl)(THF)Li(THF)2]2. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1999 , 54, 1379-1384	1	16
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437	Dihydrogen addition to (PiPr3)2OsXnH4B. <i>Journal of Organometallic Chemistry</i> , 1997 , 536-537, 139-147	2.3	15
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