

Georgy K Fukin

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.

258
papers

4,516
citations

35
h-index

48
g-index

269
ext. papers

4,986
ext. citations

3.2
avg. IF

5.57
L-index

#	Paper	IF	Citations
258	Valence tautomerism in cobalt complexes based on isopropyl- and cyclohexyl-substituted o-quinones. <i>Inorganica Chimica Acta</i> , 2022 , 534, 120811	2.7	0
257	1D Coordination polymers based on triphenylantimony(V) 3-formyl-substituted catecholates. <i>Journal of Organometallic Chemistry</i> , 2022 , 958, 122190	2.3	0
256	Influence of pseudo-polymorphism on the structure and thermal behavior of the new barium Ediketonate complexes [Ba(adtfa) ₂ (18-crown-6)] and [Ba(adtfa) ₂ (18-crown-6)](CDCl ₃) ₂ . <i>Inorganica Chimica Acta</i> , 2022 , 531, 120734	2.7	0
255	Decision problem with high residual electron density on the metal atom. <i>Mendeleev Communications</i> , 2022 , 32, 202-204	1.9	
254	Synthesis and Antioxidant Activity of New Catechol Thioethers with the Methylene Linker. <i>Molecules</i> , 2022 , 27, 3169	4.8	1
253	Structural diversity of 9,10-phenanthrenequinone molecular complexes with metal halides. <i>Inorganica Chimica Acta</i> , 2022 , 539, 121031	2.7	
252	Utilizing o-quinone methide chemistry: synthesis of sterically hindered acridin-4-ols. <i>Mendeleev Communications</i> , 2021 , 31, 262-264	1.9	2
251	Experimental, experimental-theoretical and theoretical estimates of intermolecular interaction energies in β -[(5-methyl-1,3-oxazolidin-3-yl)benzene]tricarboxylchromium(0). <i>Mendeleev Communications</i> , 2021 , 31, 182-184	1.9	2
250	Bis(tetramethylaluminate) Lanthanide Complexes Supported by Bi- and Tridentate Amidinate Ligands: Performance in Isoprene Polymerization. <i>Organometallics</i> , 2021 , 40, 979-988	3.8	3
249	Triphenylantimony(V) Catecholates of the Type (3-RS-4,6-DBCat)SbPh-Catechol Thioether Derivatives: Structure, Electrochemical Properties, and Antiradical Activity. <i>Molecules</i> , 2021 , 26,	4.8	3
248	Heteroleptic La Anilate/Dicarboxylate Based Neutral 3D-Coordination Polymers. <i>Molecules</i> , 2021 , 26,	4.8	1
247	Zn(II) complexes of substituted oxyacridinate ligands. Synthesis, structure and properties. <i>Journal of Molecular Structure</i> , 2021 , 1229, 129798	3.4	2
246	Synthesis, Structure and Luminescent Properties of Rare-Earth-Metal Oxyacridinates. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 1441-1451	2.3	1
245	Application of the Molecular Invariom Model for the Study of Interactions Involving Fluorine Atoms in the β -[Yb] ₂ (OCH(CF ₃) ₂) ₃ (β -OCH(CF ₃) ₂) ₂ YbIII(OCH(CF ₃) ₂) ₂ (THF)(Et ₂ O)} Complex. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2021 , 47, 235-243	1.6	2
244	Bis(tetramethylaluminate) Lanthanide Complexes Supported by Amidinate Ligands with a Pendant Ph ₂ P?X (X = O, S) Group: Application in Isoprene Polymerization. <i>Organometallics</i> , 2021 , 40, 2567-2575	3.8	1
243	Pentacoordinated manganese(III) bis-o-iminobenzosemiquinonates: Looking for spin-crossover phenomenon. <i>Journal of Molecular Structure</i> , 2021 , 1225, 129092	3.4	3
242	Sandwich and Half-Sandwich Ln(II) (Ln = Sm, Yb) Complexes with Bulky Fluorenyl Ligands. Competitive Abstraction of H or SiMe ₃ from 2,7-tBu ₂ -9-SiMe ₃ -Fluorene by an Amido Anion. <i>Organometallics</i> , 2021 , 40, 3042-3049	3.8	1

241	Novel Oxidovanadium Complexes with Redox-Active R-Mian and R-Bian Ligands: Synthesis, Structure, Redox and Catalytic Properties. <i>Molecules</i> , 2021 , 26,	4.8	2
240	.Solid solutions of redox-isomeric bis-o-semiquinonato cobalt complex with zinc, nickel and manganese compounds having the same composition. <i>Polyhedron</i> , 2021 , 209, 115485	2.7	0
239	Heterometallic antimony(V)-zinc and antimony(V)-copper complexes comprising catecholate and diazadiene as redox active centers. <i>Journal of Organometallic Chemistry</i> , 2021 , 952, 121994	2.3	0
238	Salt metathesis reactions of LnCl ₃ (Sc, Y vs. Sm, Yb) with potassium diphenylmethanide {[2,2'-(4-MeC ₆ H ₃ NMe ₂) ₂ CH]K(THF)} ₂ . <i>Mendeleev Communications</i> , 2021 , 31, 54-57	1.9	5
237	Interaction of dicoordinate phosphorus with boranes: chemistry of 3a,6a-diaza-1,4-diphosphapentalene as masked phosphinidene. <i>Dalton Transactions</i> , 2021 , 50, 5890-5898	4.3	1
236	Single Crystal X-ray Diffraction Studies of Two Polymorphic Modifications of the Dicarboxyl-Semiquinonato Rhodium Complex at Different Temperatures. Destruction Stimulated by Cooling Versus Stability. <i>ACS Omega</i> , 2020 , 5, 32792-32799	3.9	2
235	Ln(II) and Ca(II) NCsp ³ N pincer type diarylmethanido complexes [promising catalysts for C-C and C-E (E = Si, P, N, S) bond formation. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 2459-2477	6.8	13
234	Experimental distribution of electron density in crystals of Ph ₃ Sb(O ₂ CCH=CHC ₆ H ₅) ₂ complex: the selection of a reference point for the source function in the absence of a bond critical point between atoms. <i>Structural Chemistry</i> , 2020 , 31, 1841-1849	1.8	0
233	Nickel(II) derivatives based on o-aminobenzoquinone-type ligands: Structural modifications, magnetism and electrochemical peculiarities. <i>Polyhedron</i> , 2020 , 186, 114610	2.7	4
232	2D-metalorganic coordination polymers of lanthanides (La(III), Pr(III) and Nd(III)) with redox-active dioxolene bridging ligands. <i>CrystEngComm</i> , 2020 , 22, 4675-4679	3.3	12
231	Monoanionic triketiminate ligands: Peculiarity of coordination mode to lithium and rare earth ions. <i>Inorganica Chimica Acta</i> , 2020 , 508, 119623	2.7	2
230	The synthesis and structure of new ferrocenyl-containing o-aminophenol schiff bases and nickel(II), copper(II) bis-o-aminophenolato complexes. <i>Journal of Organometallic Chemistry</i> , 2020 , 923, 121421	2.3	2
229	Polyfunctional Sterically Hindered Catechols with Additional Phenolic Group and Their Triphenylantimony(V) Catecholates: Synthesis, Structure, and Redox Properties. <i>Molecules</i> , 2020 , 25,	4.8	7
228	Ferrocene-Containing Tin(IV) Complexes Based on -Benzoquinone and -Iminobenzoquinone Ligands. Synthesis, Molecular Structure, and Electrochemical Properties. <i>Inorganic Chemistry</i> , 2020 , 59, 6774-6784	5.1	5
227	Low-valent oligogermanium amidophenolate complex comprising a unique Ge ₄ chain. <i>Mendeleev Communications</i> , 2020 , 30, 205-208	1.9	11
226	Synthesis, structures, thermal behavior and vapour pressures of new strontium and barium Ediketonate complexes [M(t-BuCOCHCOCF ₃) ₂ (18-crown-6)] and [M(t-BuCOCHCOC ₃ F ₇) ₂ (18-crown-6)] (M' = Sr, Ba). <i>Polyhedron</i> , 2020 , 177, 114263	2.7	3
225	Electron-donating substituent influence on the spin-crossover phenomenon in iron(III) bis-o-iminobenzosemiquinonates. <i>Inorganica Chimica Acta</i> , 2020 , 503, 119402	2.7	7
224	Binuclear iminopyridine-bridged 3d late transition metal complexes with o-semiquinones. <i>Inorganica Chimica Acta</i> , 2020 , 502, 119346	2.7	1

223	Reactivity of O,N-heterocyclic germylene and stannylene towards Edithio-bis(tricarbonyliron). <i>Journal of Organometallic Chemistry</i> , 2020 , 927, 121524	2.3	7
222	Stable N-heterocyclic carbene derivatives of copper(i) and silver(i) containing radical anion redox active ligands. <i>Mendeleev Communications</i> , 2020 , 30, 592-595	1.9	3
221	Synthesis and structure of half-sandwich SmII and YIII cyclopentadienyl halide complexes with the penta(benzyl)cyclopentadienyl ligand. <i>Russian Chemical Bulletin</i> , 2020 , 69, 1085-1091	1.7	3
220	Neodymium monochloride and monoallyl complexes {2-[Ph ₂ P(O)]C ₆ H ₄ NC(But)N(2,6-Me ₂ C ₆ H ₃)} ₂ NdR (R = Cl, CH ₂ CH=CH ₂) with the tridentate amidinate ligand in the catalysis of ring-opening polymerization of cyclic esters. <i>Russian Chemical Bulletin</i> , 2020 , 69, 1114-1121	1.7	4
219	Effect of the nature of lanthanide on intramolecular C-F->Ln dative interactions in hexafluoroisopropoxide complexes. <i>Russian Chemical Bulletin</i> , 2020 , 69, 2082-2090	1.7	1
218	Dual Reactivity of 3a,6a-Diaza-1,4-diphosphapentalene: σ -Donor versus n-Donor. <i>Inorganic Chemistry</i> , 2020 , 59, 11337-11346	5.1	4
217	Octacoordinated tin(IV) complexes bearing oxy-p-benzoquinone and oxy-p-iminobenzoquinone ligands: Structural investigations and dynamics of coordination sphere in solution. <i>Journal of Molecular Structure</i> , 2020 , 1220, 128734	3.4	1
216	Unexpected Findings in a Simple Metathesis Reaction of Europium and Ytterbium Diiodides with Perfluorinated Mercaptobenzothiazolates of Alkali Metals. <i>Organometallics</i> , 2020 , 39, 2972-2983	3.8	3
215	Imine-Based Catechols and -Benzoquinones: Synthesis, Structure, and Features of Redox Behavior. <i>ACS Omega</i> , 2020 , 5, 22179-22191	3.9	6
214	Tris(benzhydryl) and Cationic Bis(benzhydryl) Ln(III) Complexes: Exceptional Thermostability and Catalytic Activity in Olefin Hydroarylation and Hydrobenzylation with Substituted Pyridines. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 5432-5443	5.6	11
213	Amido rare-earth(III) and Ca(II) complexes coordinated by tridentate amidinate ligands: synthesis, structure, and catalytic activity in the ring-opening polymerization of rac-lactide and ϵ -caprolactone. <i>New Journal of Chemistry</i> , 2020 , 44, 7811-7822	3.6	3
212	Experimental study of X-ray charge density and the selection of reference points for a source function in β -(2-methyl-1,4-dihydro-2H-3,1-benzoxazine)tricarbonylchromium(0). <i>Mendeleev Communications</i> , 2019 , 29, 346-348	1.9	5
211	Impact of n, β radiation on organic complexes of rare earth metals. <i>Scientific Reports</i> , 2019 , 9, 13314	4.9	5
210	Experimental and experimental-theoretical topological characteristics of the electron density distribution in the crystal of NCN-(2-pyridinecarbonitrile)-(3,6-di-tert-butylcatecholato)triphenylantimony(v). <i>Russian Chemical Bulletin</i> , 2019 , 68, 1656-1655	1.7	7
209	Synthesis, structure and long-lived NIR luminescence of lanthanide ate complexes with perfluorinated 2-mercaptobenzothiazole. <i>Dalton Transactions</i> , 2019 , 48, 1060-1066	4.3	13
208	Features of Magnetic Behavior in the Row of Pentacoordinated Bis-o-Iminobenzosemiquinonato Metal (Al, Ga, In) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 938-948	2.3	11
207	The chemical and electrochemical reduction of heteroligand o-semiquinonato-formazanato cobalt complexes. <i>Inorganica Chimica Acta</i> , 2019 , 489, 1-7	2.7	17
206	Catechol thioethers with physiologically active fragments: Electrochemistry, antioxidant and cryoprotective activities. <i>Bioorganic Chemistry</i> , 2019 , 89, 103003	5.1	11

205	Tetrahedral nickel(ii) and cobalt(ii) bis-o-iminobenzosemiquinonates. <i>Dalton Transactions</i> , 2019 , 48, 10723-10732		
204	Triphenylantimony(V) catecholato complexes with 4-(2,6-dimethylphenyliminomethyl)pyridine. Structure, redox properties: The influence of pyridine ligand. <i>Journal of Organometallic Chemistry</i> , 2019 , 897, 32-41	2.3	8
203	Alternative (E:arene vs. E,N) coordination of a sterically demanding amidinate ligand: are size and electronic structure of the Ln ion decisive factors?. <i>Dalton Transactions</i> , 2019 , 48, 8317-8326	4.3	3
202	Synthesis of New Bulky Bis(amidine) with the Conformationally Rigid meta-Phenylene Bridge and Its Dilithium Derivative [1,3-C ₆ H ₄ {NC(Ph)N(2,6-iso-Pr ₂ C ₆ H ₃)} ₂ Li ₂ (TMEDA) ₂ . <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019 , 45, 288-294	1.6	3
201	Neodymium dihalide complexes with a tridentate amidinate phosphine oxide ligand: synthesis, structure, and catalytic activity in isoprene polymerization. <i>Russian Chemical Bulletin</i> , 2019 , 68, 32-39	1.7	3
200	Calcium Amido Complexes Coordinated by Tridentate Amidinate Ligands: Synthesis, Structures and Catalytic Activity in Olefin Hydrophosphination and Polymerization of Cyclic Esters. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 4289-4296	2.3	3
199	Cerium(iii) complexes with azolyl-substituted thiophenolate ligands: synthesis, structure and red luminescence.. <i>RSC Advances</i> , 2019 , 9, 24110-24116	3.7	2
198	The Nature of Conformational Polymorphism in the Crystals of Ph ₃ Sb(O ₂ CCH ₂ CH=CH ₂) ₂ . <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019 , 45, 585-591	1.6	2
197	Reaction of phenyl-containing N-substituted 1,3-oxazolidines and 1,3-oxazinanes with triammine(tricarbonyl)chromium. <i>Russian Chemical Bulletin</i> , 2019 , 68, 1548-1554	1.7	1
196	Features of the Molecular Structure and Luminescence of Rare-Earth Metal Complexes with Perfluorinated (Benzothiazolyl)phenolate Ligands. <i>Molecules</i> , 2019 , 24,	4.8	3
195	The Electron Density Distribution in Crystals of [1,4-bis(hydrospiro(2Hb,1Benzoxazine2,1cyclohexane)]tricarbonylchromium(0): Experiment vs Molecular Invariom. <i>ChemistrySelect</i> , 2019 , 4, 10976-10982	1.8	6
194	Deprotonation of 1,1?-methylenebis[4-tert-butyl-2-(diphenylphosphino)-benzene] and its analogues: synthesis and crystal structure of {5-But-2-[4-But-2-(Ph ₂ P)C ₆ H ₃ (Ph)CH]C ₆ H ₃ P(Ph)K(OEt ₂)} ₂ . <i>Mendeleev Communications</i> , 2019 , 29, 331-333	1.9	2
193	Intramolecular Nonvalent Interactions in the ((text{Eu}}_{{text{2}}})^{{text{III}}})EuIII(EORF) ₂ (O-ORF) ₃ (B-ORF) ₂ (DME) ₂ Complex. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019 , 45, 767-775	1.6	2
192	Synthesis and εCaprolactone Polymerization Activity of Electron-Deficient Gallium and Aluminum Species Containing a Charged Redox-Active dpp-Bian Ligand. <i>Inorganic Chemistry</i> , 2019 , 58, 16559-16573 ^{5.1}		11
191	The Nature of P(ε→)Dualism: 3a,6a-Diaza-1,4-diphosphapentalene as a Form of Stabilized Singlet Phosphinidene. <i>Inorganic Chemistry</i> , 2019 , 58, 16144-16153	5.1	7
190	Thermally Stable Half-Sandwich Benzhydryl Ln(II) (Ln = Sm, Yb) Complexes Supported by Sterically Demanding Carbazolyl and Fluorenyl Ligands. <i>Organometallics</i> , 2019 , 38, 4615-4624	3.8	16
189	Comparison of Experimental and Experimentaltheoretical Topological Characteristics of the Electron Density in the Crystalline Complex [3-Acetyltetrahydro-6-Phenyl-2Et,3-oxazine]tricarbonylchromium(0). <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019 , 45, 680-688	1.6	8
188	Metal-ligand ferromagnetic exchange interactions in heteroligand bis-o-semiquinonato nickel complexes with 2,2?-dipyridine and 1,10-phenanthroline. <i>Polyhedron</i> , 2019 , 158, 262-269	2.7	11

187	Ate-complexes of tris-dioxolene tin anion with nickel (or cobalt) bis-(2,2'-dipyridine)-dioxolene cation. EPR study of spin migration dynamics. Solvent and counterion effects. <i>Journal of Molecular Structure</i> , 2019 , 1180, 878-887	3.4	5
186	Novel bis-catecholato heterospin manganese complexes. <i>Inorganica Chimica Acta</i> , 2019 , 486, 113-118	2.7	4
185	Insight into the Electron Density Distribution in an O,N-Heterocyclic Stannylyene by High-Resolution X-ray Diffraction Analysis. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 875-884	2.3	14
184	Synthesis, structure and magnetic properties of tris(pyrazolyl)methane lanthanide complexes: effect of the anion on the slow relaxation of magnetization. <i>Dalton Transactions</i> , 2018 , 47, 5153-5156	4.3	16
183	Amido Ca and Yb(II) Complexes Coordinated by Amidine-Amidopyridinate Ligands for Catalytic Intermolecular Olefin Hydrophosphination. <i>Inorganic Chemistry</i> , 2018 , 57, 2942-2952	5.1	24
182	Redox Isomerism in Main-Group Chemistry: Tin Complex with o-Iminoquinone Ligands. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 1087-1092	2.3	39
181	Pentacoordinated cloro-bis-o-iminosemiquinonato Mn and Fe complexes. <i>Journal of Molecular Structure</i> , 2018 , 1165, 51-61	3.4	15
180	Iodide-sulfides of dysprosium: Elucidation of the pathway to lanthanide iodide-sulfide-nitride clusters. <i>Inorganica Chimica Acta</i> , 2018 , 469, 227-230	2.7	9
179	Synthesis and molecular structures of Yb(II) and Ca bis(amidinate) complexes containing the tridentate amidinate ligand [2,6-Pri ₂ C ₆ H ₃ NC(But)NC ₆ H ₄ OMe-2]. <i>Russian Chemical Bulletin</i> , 2018 , 67, 455-460	1.7	6
178	Alkali-Metal Alkyl Complexes with the Tridentate Benzhydryl Ligand [2,2'-(4-MeC ₆ H ₄ NMe ₂) ₂ CH] ₂	3.8	12
177	The synthesis of new 1,3-oxazolidines and 1,3-oxazinanes containing (β-arene)tricarbonylchromium group based on condensation between aldehydes and amino alcohols. <i>Russian Chemical Bulletin</i> , 2018 , 67, 884-892	1.7	8
176	Triphenylantimony(V) 6-alkoxymethyl-3,5-di-tert-butylcatecholates. Structure and redox-properties. <i>Journal of Organometallic Chemistry</i> , 2018 , 873, 57-65	2.3	14
175	3,6-Di-tert-butylcatecholates of trialkyl/triarylantimony(V). <i>Journal of Organometallic Chemistry</i> , 2018 , 867, 238-245	2.3	14
174	Rare-earth metal-mediated PhC[triple bond, length as m-dash]N insertion into N,N-bis(trimethylsilyl)naphthalene-1,8-diamido dianion - a synthetic approach to complexes coordinated by ansa-bridged amido-amidinato ligand. <i>Dalton Transactions</i> , 2018 , 47, 438-451	4.3	3
173	Stable O,N-heterocyclic plumblyenes bearing sterically hindered o-amidophenolate ligands. <i>Mendeleev Communications</i> , 2018 , 28, 527-529	1.9	16
172	Cobalt complexes with hemilabile o-aminobenzoquinonate ligands: a novel example of redox-induced electron transfer. <i>Dalton Transactions</i> , 2018 , 47, 15049-15060	4.3	25
171	2,2'-Azobispyridine in Phosphorus Coordination Chemistry: A New Approach to 1,2,4,3-Triazaphosphole Derivatives. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 4245-4254	2.3	3
170	Electron Density Distribution and Structural and Energy Aspects of the Phase Transition in the Crystals of the Triphenylantimony Dimethacrylate Complex. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2018 , 44, 626-634	1.6	4

169	Lanthanide complexes with oxygen bridges as models for potential up-conversion materials. <i>Inorganica Chimica Acta</i> , 2018 , 483, 379-385	2.7	2
168	Amido Ca(ii) complexes supported by Schiff base ligands for catalytic cross-dehydrogenative coupling of amines with silanes. <i>Dalton Transactions</i> , 2018 , 47, 12570-12581	4.3	14
167	Structural and luminescent properties of homo- and heterometallic complexes of La, Li and Na with 2-(2-benzoxazol-2-yl)phenolate ligands. <i>Journal of Luminescence</i> , 2018 , 203, 286-291	3.8	3
166	Two directions of heterocyclization in the reactions of dimethyl bicyclo[2.2.2]oct-5-ene-endo-2,endo-3-dicarboxylate with hetarenesulfonyl chlorides. <i>Russian Chemical Bulletin</i> , 2018 , 67, 525-529	1.7	
165	LMCT facilitated room temperature phosphorescence and energy transfer in substituted thiophenolates of Gd and Yb. <i>Dalton Transactions</i> , 2017 , 46, 3041-3050	4.3	27
164	New sterically-hindered 6th-substituted 3,5-di-tert-butylcatechols/o-quinones with additional functional groups and their triphenylantimony(V) catecholates. <i>Journal of Organometallic Chemistry</i> , 2017 , 835, 17-24	2.3	29
163	(Amido)- and (Chlorido)titanium and -zirconium Complexes Coordinated by ansa-Bis(amidinate) Ligands with a Rigid o-Phenylene Linker. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 2736-2744 ²⁻³		1
162	C 1 and Cs 2-pyridylethylanilido zirconium(IV), yttrium(III) and lutetium(III) complexes: synthesis, characterization and catalytic activity in the isoprene polymerization. <i>New Journal of Chemistry</i> , 2017 , 41, 540-551	3.6	6
161	An organolanthanide(iii) single-molecule magnet with an axial crystal-field: influence of the Raman process over the slow relaxation. <i>Chemical Communications</i> , 2017 , 53, 4706-4709	5.8	33
160	Bifunctional iminopyridino-catechol and its o-quinone: Synthesis and investigation of coordination abilities. <i>Polyhedron</i> , 2017 , 124, 41-50	2.7	15
159	Structural Variability of R2C Adducts of 3a,6a-Diaza-1,4-diphosphapentalene: Tuning the N->P Bonding. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017 , 643, 1208-1214	1.3	7
158	Rare-Earth Complexes Coordinated by ansa-Bis(amidinate) Ligands with m-Phenylene, 2,6-Pyridinediyl, and SiMe2 Linkers. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 4275-4284	2.3	10
157	Fluorinated mercaptobenzothiazolates of lanthanides: Synthesis, structure and photoluminescence. <i>Journal of Molecular Structure</i> , 2017 , 1148, 201-205	3.4	8
156	Electron density distribution in crystals of the antimony(V) spiroendoperoxide complexes. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2017 , 43, 858-863	1.6	5
155	Valence-Tautomeric Interconversion in a Bis(dioxolene)cobalt Complex with Iminopyridine Functionalized by a TEMPO Moiety. Phase Transition Coupled with Monocrystal Destruction. <i>Inorganic Chemistry</i> , 2017 , 56, 14751-14754	5.1	26
154	Synthesis of new binuclear tricarbonylchromium- and -manganese complexes of isoxazolidines by 1,3-dipolar cycloaddition reaction. <i>Russian Chemical Bulletin</i> , 2017 , 66, 313-319	1.7	7
153	Organic Er-Yb complexes as potential upconversion materials. <i>Journal of Luminescence</i> , 2017 , 192, 208-218	3.8	12
152	Experimental and theoretical distribution of electron density and thermopolimerization in crystals of Ph3Sb(O2CCH=CH2)2 complex. <i>Journal of Solid State Chemistry</i> , 2017 , 254, 32-39	3.3	10

151	Half-Sandwich Alkyl, Amido, and Iodo Samarium(II) Complexes: Non-Conventional Sterically Governed Oxidation of (tBu Carb) Sm. <i>Chemistry - A European Journal</i> , 2017 , 23, 1436-1443	4.8	14
150	Pentacoordinated bis- o -benzosemiquinonato zinc complexes with different N-ligands: Structure and magnetic properties. <i>Inorganica Chimica Acta</i> , 2017 , 455, 213-220	2.7	11
149	Intramolecular C π ->Ln dative interactions in lanthanide complexes with fluorinated ligands. <i>Russian Chemical Bulletin</i> , 2017 , 66, 1557-1562	1.7	4
148	Sensitization of NIR luminescence of Yb by Zn chromophores in heterometallic complexes with a bridging Schiff-base ligand. <i>Dalton Transactions</i> , 2017 , 46, 10408-10417	4.3	16
147	1,1- and 1,4-Addition Reactions with 3a,6a-Diaza-1,4-diphosphapentalene Containing Two-Coordinate and Formally Divalent Phosphorus. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 3629-3633	2.3	10
146	Bis-o-semiquinonato nickel complexes with pyridine and pyridine modified by nitronyl-nitroxide moiety. <i>Polyhedron</i> , 2016 , 119, 317-324	2.7	18
145	Tin(IV) and Antimony(V) Complexes Bearing Catecholate Ligands Connected to Ferrocene π Syntheses, Molecular Structures, and Electrochemical Properties. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 5230-5241	2.3	18
144	Multiple Reactivity of SnII Complexes Bearing Catecholate and o-Amidophenolate Ligands. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 3813-3821	2.3	22
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141	Reversible binding of molecular oxygen to catecholate and o-amidophenolate complexes of SbV: energy approach. <i>Russian Chemical Bulletin</i> , 2016 , 65, 61-66	1.7	5
140	Experimental and theoretical investigation of topological and energy characteristics of electron density in crystals of SbV o-amidophenolate complexes. <i>Russian Chemical Bulletin</i> , 2016 , 65, 54-60	1.7	5
139	Scandium, yttrium, and ytterbium bisalkyl complexes stabilized by monoanionic amidopyridinate ligands. <i>Russian Chemical Bulletin</i> , 2016 , 65, 2594-2600	1.7	4
138	Chemical properties of 3a,6a-diaza-1,4-diphosphapentalene. Addition of polyhalohydrocarbons. <i>Russian Chemical Bulletin</i> , 2016 , 65, 2658-2667	1.7	10
137	Experimental study of electron density distribution in crystals of antimony(V) dicarboxylate complexes. <i>Structural Chemistry</i> , 2016 , 27, 357-365	1.8	9
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134	Redox-induced C π bond formation reaction between mono-o-amidophenolate tin complexes and allylhalides. <i>Journal of Organometallic Chemistry</i> , 2016 , 803, 51-57	2.3	15

133	Amido Ln(II) Complexes Coordinated by Bi- and Tridentate Amidinate Ligands: Nonconventional Coordination Modes of Amidinate Ligands and Catalytic Activity in Intermolecular Hydrophosphination of Styrenes and Tolane. <i>Inorganic Chemistry</i> , 2016 , 55, 1236-44	5.1	48
132	Selective Intermolecular C≡N Bond Activation: A Straightforward Synthetic Approach to Heteroalkyl Yttrium Complexes Containing a Bis(pyrazolyl)methyl Ligand. <i>Organometallics</i> , 2016 , 35, 126-137	3.8	13
131	Binuclear bis(o-semiquinonato)cobalt(II) complexes with bridging tetradentate N-donor ligand. <i>Inorganica Chimica Acta</i> , 2016 , 440, 16-20	2.7	11
130	Adducts of dicoordinated trivalent phosphorus with carbenes. <i>Russian Chemical Bulletin</i> , 2016 , 65, 2425-2429	2.7	7
129	Synthesis of new isoxazolidine (β-cyclopentadienyl)manganese tricarbonyl complexes by 1,3-dipolar cycloaddition reaction. <i>Russian Chemical Bulletin</i> , 2016 , 65, 1790-1797	1.7	4
128	Yttrium complexes containing heteroscorpionate ligands [(3,5-But 2C3HN2)2CHC(Ph)2O] and [o-Me2NC6H4CH2C(NCy)2]. <i>Russian Chemical Bulletin</i> , 2016 , 65, 1189-1197	1.7	2
127	An unusually stable pyridine-2-selenenyl chloride: structure and reactivity. <i>Structural Chemistry</i> , 2016 , 27, 1733-1741	1.8	8
126	Copper(II) complexes bearing o-iminosemiquinonate ligands with augmented aromatic substituents. <i>Polyhedron</i> , 2016 , 119, 286-292	2.7	14
125	Triarylantimony(V) catecholates [Derivatives of 4,5-difluoro-3,6-di-tert-butyl-o-benzoquinone. <i>Journal of Organometallic Chemistry</i> , 2016 , 824, 1-6	2.3	20
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121	Metallacyclic yttrium alkyl and hydrido complexes: synthesis, structures and catalytic activity in intermolecular olefin hydrophosphination and hydroamination. <i>Dalton Transactions</i> , 2015 , 44, 12137-48	4.3	53
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118	Heteroligand o-Semiquinonato-Formazanato Cobalt Complexes. <i>Inorganic Chemistry</i> , 2015 , 54, 6078-80	5.1	24
117	Catecholato complexes of cobalt and nickel with 1,4-disubstituted-1,4-diazabutadiens-1,3 and 1,2-bis(diphenylphosphino)ethane. <i>Journal of Chemical Sciences</i> , 2015 , 127, 527-535	1.8	8
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115	Luminescent properties of 2-mercaptobenzothiazolates of trivalent lanthanides. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 11000-5	3.6	13
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113	Ytterbium(III) Complexes Coordinated by Dianionic 1,4-Diazabutadiene Ligands. <i>Organometallics</i> , 2015 , 34, 1177-1185	3.8	22
112	Bis(alkyl) rare-earth complexes supported by a new tridentate amidinate ligand with a pendant diphenylphosphine oxide group. Synthesis, structures and catalytic activity in isoprene polymerization. <i>Dalton Transactions</i> , 2015 , 44, 16465-74	4.3	22
111	Synthesis, structure, and properties of rare earth chloride complexes $\{[Ap^*Y(THF)](\eta\text{-Cl})_2(\beta\text{-Cl})Li(THF)\}_2$, $\{[Ap^*MeLn(THF)](\eta\text{-Cl})_3Li(THF)_2\}_2$ ($Ln = Y, Nd, Sm$), and $\{[Ap^*Ln(THF)](\eta\text{-Cl})_3Li(THF)_2\}_2$ ($Ln = Nd, Sm$) containing amidopyridinate ligands. <i>Russian Chemical Bulletin</i> , 2015 , 64, 618-625	1.7	4
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108	Heteroleptic 3-(2-benzothiazol-2-yl)-2-naphtholates of rare earth metals: Features of synthesis and structure. <i>Journal of Organometallic Chemistry</i> , 2015 , 777, 42-49	2.3	5
107	Structure and magnetic properties of bis-o-benzosemiquinonato zinc complexes. <i>Polyhedron</i> , 2015 , 102, 715-721	2.7	9
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25	N,N'-diisopropyl-N''-bis(trimethylsilyl)guanidinate ligand as a supporting coordination environment in yttrium chemistry. Synthesis, structure, and properties of complexes [(Me ₃ Si) ₂ NC(Ni-Pr) ₂]YCl ₂ (THF) ₂ , [(Me ₃ Si) ₂ NC(Ni-Pr) ₂]Y(CH ₂ SiMe ₃) ₂ (THF) ₂ , and [(Me ₃ Si) ₂ NC(Ni-Pr) ₂]Y[(μ-H)(μ-Ft) ₂ BEt ₃] ₂ (THF). <i>Inorganic Chemistry</i> , 2007 , 46, 11450-6	5.1	45
24	Lanthanide Borohydride Complexes of Bulky Guanidinate Ligands [(Me ₃ Si) ₂ NC(N-Cy) ₂]2Ln[EBH ₄] ₂ Li(THF) ₂ (Ln = Nd, Sm, Yb): Synthesis, Structure and Catalytic Activity in Lactide Polymerization. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 3260-3267	2.3	57
23	New dicarbonyl-o-semiquinonato rhodium complexes. <i>Inorganic Chemistry Communication</i> , 2007 , 10, 989-992	3.1	11
22	Dependence of the mutual ligand arrangement in guanidinate complexes of lanthanoids on the ligand solid angles. <i>Journal of Coordination Chemistry</i> , 2007 , 60, 937-944	1.6	19
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20	Triphenylantimony(v) catecholates and o-amidophenolates: reversible binding of molecular oxygen. <i>Chemistry - A European Journal</i> , 2006 , 12, 3916-27	4.8	118
19	Neodymium(II) and Dysprosium(II) Iodides in the Reactions with Metallocenes of d-Transition Metals. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 351-356	2.3	22
18	Chloro, Alkyl and Aryl Complexes of Rare Earth Metals Supported by Bulky Tetrasubstituted Guanidinate Ligands. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 747-756	2.3	35
17	The Reaction of 3,6-di-tert-butyl-o-benzoquinone with tin amalgam: Synthesis and structure of tin catecholato complexes. <i>Heteroatom Chemistry</i> , 2006 , 17, 481-490	1.2	32
16	Alkylttrium Complexes Supported by N,N'-Dicyclohexyl-N''-bis(trimethylsilyl)guanidinate Ligands. <i>Organometallics</i> , 2006 , 25, 3935-3942	3.8	38
15	Synthesis and luminescent properties of lanthanide homoleptic mercaptothi(ox)azolate complexes: Molecular structure of Ln(mbt) ₃ (Ln=Eu, Er). <i>Inorganica Chimica Acta</i> , 2006 , 359, 4289-4296	2.7	47
14	Oxidative addition reaction of o-quinones to triphenylantimony: novel triphenylantimony catecholate complexes. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 1273-1281	2.3	43
13	Manganese(III) and rhenium(II) complexes with bulky 4,6-di-tert-butyl-N-(2,6-di-iso-propylphenyl)-o-iminobenzoquinonato ligands via carbonyls of corresponding metals. <i>Inorganica Chimica Acta</i> , 2005 , 358, 3829-3840	2.7	29
12	Efficient synthetic route to anhydrous mononuclear tris(8-quinolinolato)lanthanoid complexes for organic light-emitting devices. <i>Inorganica Chimica Acta</i> , 2005 , 358, 3625-3632	2.7	39
11	Oxidative addition of 3,6-di-tert-butyl-o-benzoquinone and 4,6-di-tert-butyl-N-(2,6-di-iso-propylphenyl)-o-iminobenzoquinone to SnCl ₂ . <i>Inorganica Chimica Acta</i> , 2005 , 358, 4443-4450	2.7	45
10	Reversible binding of dioxygen by a non-transition-metal complex. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 2767-2771	16.4	102
9	Reversible Binding of Dioxygen by a Non-Transition-Metal Complex. <i>Angewandte Chemie</i> , 2005 , 117, 2827-2831	3.6	16
8	Monomeric Magnesium and Calcium Complexes containing the Rigid, Dianionic 1, 2-Bis[(2, 5-di-tert-butylphenyl)imino]acenaphthene (dtb-BIAN) and 1, 2-Bis[(2-biphenyl)imino]acenaphthene (bph-BIAN) Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004 , 630, 501-507	1.3	53

7	C-C coupling and C-H bond activation-unexpected pathways in the reactions of [Yb(eta ⁵ -C ₁₃ H ₉) ₂ (thf) ₂] with diazadienes. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 5045-8	16.4	45
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3	Oxidative Addition of Phenylacetylene through C-H Bond Cleavage To Form the MgII-dpp-bian Complex: Molecular Structure of [Mg{dpp-bian(H)}(C≡CPh)(thf) ₂] and Its Diphenylketone Insertion Product [Mg(dpp-bian)-[OC(Ph) ₂ C≡CPh](thf)]. <i>Angewandte Chemie</i> , 2003 , 115, 5381-5384	3.6	19
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1	Synthesis and Structural Characterization of Some Complexes of Hexa-coordinated Antimony. <i>Main Group Chemistry</i> , 1999 , 3, 15-22	0.6	18