

Anna V Vologzhanina

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.

237
papers

2,998
citations

25
h-index

39
g-index

265
ext. papers

3,437
ext. citations

2.7
avg, IF

5.29
L-index

#	Paper	IF	Citations
237	Redetermination of the structure of 2-amino-8-thia-1,5-di-aza-spiro-[4.5]dec-1-en-5-ium chloride monohydrate.. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2022 , 78, 164-168	0.7	0
236	Competing N vs. P(O),C(O)-coordination in complexes of mono- and bis-1,2,3-triazole ligands modified by carbamoylmethylphosphine oxide fragments with palladium(II), uranyl(II), and lanthanum(III): Solid and solution structures. <i>Polyhedron</i> , 2022 , 215, 115680	2.7	0
235	Design and synthesis of coordination polymers with Cu(ii) and heterocyclic N-oxides. <i>CrystEngComm</i> , 2022 , 24, 2505-2515	3.3	0
234	Triarylazoimidazole-ZnII, CdII, and HgII Complexes: Structures, Photophysics, and Antibacterial Properties. <i>Crystals</i> , 2022 , 12, 680	2.3	0
233	Polymeric anionic silver(I) complexes {Cat[Ag[B10H10]]} (Cat' = Pr4N+, Ph4P+, Ph4As+) with facial and edge-facial coordination of the boron cluster. <i>Polyhedron</i> , 2022 , 223, 115932	2.7	0
232	Unprecedented Coordination-Induced Bright Red Emission from Group 12 Metal-Bound Triarylazoimidazoles. <i>Molecules</i> , 2021 , 26,	4.8	5
231	Synthesis and structures of compounds [ML6][B10Cl10] (M = Co, Ni; L = CH3CN, DMF, DMSO) as precursors for synthesis of cobalt(II) and nickel(II) complexes with organic L ligands. <i>Journal of Solid State Chemistry</i> , 2021 , 296, 121989	3.3	6
230	Synthesis of 2,3,5,6-Tetrakis(diphenylphosphinyl)pyridine: A Novel N,O-Donor Ligand with Unusual Complexing Properties. <i>Russian Journal of General Chemistry</i> , 2021 , 91, 750-752	0.7	0
229	Coordination and extraction properties of 1,2-bis(diphenylphosphoryl)-benzene toward f-block element nitrates: Structural, spectroscopic and DFT characterization of the complexes. <i>Polyhedron</i> , 2021 , 198, 115085	2.7	3
228	Synthesis, coordination and extraction properties of 2,3-bis(diphenylphosphoryl)pyridine toward f-block elements. <i>Mendeleev Communications</i> , 2021 , 31, 306-308	1.9	0
227	Reactivity of Cross-Conjugated Enynones in Cyclocondensations with Hydrazines: Synthesis of Pyrazoles and Pyrazolines. <i>Journal of Organic Chemistry</i> , 2021 , 86, 7229-7241	4.2	7
226	Synthesis, coordination and extraction properties of 2,3-bis(diphenylphosphoryl)pyridine toward f-block elements. <i>Mendeleev Communications</i> , 2021 , 31, 306-308	1.9	1
225	Coordination Properties of Hydroxyisophthalic Acids: Topological Correlations, Synthesis, Structural Analysis, and Properties of New Complexes. <i>Chemistry - A European Journal</i> , 2021 , 27, 9180-9192	4.8	8
224	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
223	Self-organization of 1,6-dialkyl-3a,6a-diphenylglycolurils in the crystalline state. <i>CrystEngComm</i> , 2021 , 23, 4312-4319	3.3	1
222	Synthesis and spectral characterization of the first fluorescein-tagged iron(ii) clathrochelates, their supramolecular interactions with globular proteins, and cellular uptake.. <i>RSC Advances</i> , 2021 , 11, 8163-8177	3.7	2
221	Crystal structure of 2-[(1)-2-(4-bromo-phen-yl)diazen-1-yl]-4,5-bis-(4-meth-oxy-phen-yl)-1-imidazole: the first example of a structurally characterized tri-aryl-azo-imid-azole. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 305-308	0.7	2

220	Boulton-Katritzky Rearrangement of 5-Substituted Phenyl-3-[2-(morpholin-1-yl)ethyl]-1,2,4-oxadiazoles as a Synthetic Path to Spiropyrazoline Benzoates and Chloride with Antitubercular Properties. <i>Molecules</i> , 2021 , 26,	4.8	3
219	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
218	Novel Polymorph of Favipiravir-An Antiviral Medication. <i>Pharmaceutics</i> , 2021 , 13,	6.4	7
217	New tripodal ligand on the triphenylphosphine oxide platform with 1,2,3-triazole side arms: synthesis, structure, coordination, and extraction properties. <i>Monatshefte Für Chemie</i> , 2020 , 151, 1705-1714	1.4	2
216	Silver(I) and Copper(I) Complexation with Decachloro-Closo-Decaborate Anion. <i>Crystals</i> , 2020 , 10, 389	2.3	8
215	Coordination Affinity of Cu(II)-Based Silsesquioxanes toward N,N-Ligands and Associated Skeletal Rearrangements: Cage and Ionic Products Exhibiting a High Catalytic Activity in Oxidation Reactions. <i>Inorganic Chemistry</i> , 2020 , 59, 4536-4545	5.1	10
214	Enyne Meldrum's acid derivatives: synthesis and Michael reactions with amines and thiols. <i>Russian Chemical Bulletin</i> , 2020 , 69, 305-312	1.7	2
213	Structures, magnetic properties, and EPR studies of tetranuclear copper(II) complexes [Cu ₄ (OH) ₄ L ₄] ⁴⁺ (L' = bpa, bipy) stabilized by anions containing decahydro-closo-decaborate anion. <i>Polyhedron</i> , 2020 , 183, 114540	2.7	4
212	Peculiarities of Br-Br bonding in crystal structures of polybromides and bromine solvates. <i>CrystEngComm</i> , 2020 , 22, 7361-7370	3.3	6
211	Solid-state 1D -3D transformation of polynitrile-based coordination polymers by dehydration reaction. <i>Dalton Transactions</i> , 2020 , 49, 7084-7092	4.3	5
210	Charge density view on bicalutamide molecular interactions in the monoclinic polymorph and androgen receptor binding pocket. <i>IUCrJ</i> , 2020 , 7, 71-82	4.7	6
209	Charge density analysis of abiraterone acetate. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020 , 76, 1018-1026	1.8	4
208	New itaconate-containing uranyl complex unit and coordination modes of itaconate ions 2020 , 23, 117-126		1
207	Crystal structures of (-)-5-(4-methyl-phen-yl)-1-(pyridin-2-yl)pent-2-en-4-yn-1-one and [3,4-bis(phenyl-ethyn-yl)cyclo-butane-1,2-di-yl]bis-(pyridin-2-yl-methanone). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 192-196	0.7	
206	Structural peculiarities and luminescence of europium dipivaloylmethanates with 2,2'-bipyridine derivatives. Polymorphism of [Eu(DPM)3Bpy]. <i>Inorganica Chimica Acta</i> , 2020 , 502, 119294	2.7	5
205	Formation of oxidopolyborates in destruction of the [B ₁₁ H ₁₄] ⁻ anion promoted by transition metals. <i>Inorganica Chimica Acta</i> , 2020 , 509, 119693	2.7	5
204	Extension of an Encapsulating Macrobicyclic Ligand Using the Palladium-Catalyzed Suzuki-Miyaura Reaction of a Diiodocyclorhodate Iron(II) Tris-Glyoximate with Reactive Halogen Atoms in Its Apical Substituents. <i>Russian Journal of Inorganic Chemistry</i> , 2020 , 65, 1494-1502	1.5	1
203	Intermolecular Interactions in Crystal Structures of Imatinib-Containing Compounds. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4

202	STRUCTURE, LUMINESCENCE, AND RAMAN SPECTROSCOPY OF EUROPIUM AND TERBIUM DIPIVALOYLMETHANATES AND OTHER DIKETONATES WITH 2,2'-BIPYRIDINE. <i>Journal of Structural Chemistry</i> , 2020 , 61, 1026-1037	0.9	1
201	Highly conjugated systems with pedal motion in uranyl crotonate compounds with 1,2-bis(4-pyridyl)ethylene as a neutral ligand or a counter cation. <i>Inorganica Chimica Acta</i> , 2019 , 498, 119089	2.7	1
200	Intermolecular Interactions in Functional Crystalline Materials: From Data to Knowledge. <i>Crystals</i> , 2019 , 9, 478	2.3	22
199	Boron Cluster Anions [B ₁₀ X ₁₀] ²⁻ (X = H, Cl) in Manganese(II) Complexation with 2,2'-Bipyridyl. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019 , 45, 295-300	1.6	9
198	An unusual result of the reaction of β -acetylene aldehydes, pyridines, and malonic acid. Synthesis and structure of novel pyridine betaines. <i>Chemistry of Heterocyclic Compounds</i> , 2019 , 55, 93-96	1.4	2
197	Complexation and exopolyhedral substitution of the terminal hydrogen atoms in the decahydro-closo-decaborate anion in the presence of cobalt(II). <i>Polyhedron</i> , 2019 , 162, 65-70	2.7	16
196	Chemical design of the heterodifunctionalized iron(II) clathrochelates with terminal biorelevant carboxyl group and reactive triple C≡C bond: Synthesis, structure, redox properties and their stability in various media. <i>Inorganica Chimica Acta</i> , 2019 , 496, 119047	2.7	3
195	Uranyl Coordination Compounds with Alkaline Earth Metals and Crotonate Ligands. <i>ChemistrySelect</i> , 2019 , 4, 8416-8423	1.8	
194	New Cu ₄ Na ₄ - and Cu ₅ -Based Phenylsilsesquioxanes. Synthesis via Complexation with 1,10-Phenanthroline, Structures and High Catalytic Activity in Alkane Oxidations with Peroxides in Acetonitrile. <i>Catalysts</i> , 2019 , 9, 701	4	9
193	Dihydrogen Bonds in Salts of Boron Cluster Anions [B _n H _n] ²⁻ with Protonated Heterocyclic Organic Bases. <i>Crystals</i> , 2019 , 9, 330	2.3	5
192	Iron(II) Clathrochelate with Terminal Triple C≡C Bond and Its Carboranoclathrochelate Derivative with a Flexible Linker between the Polyhedral Cages: Synthesis and X-Ray Structure. <i>ChemistrySelect</i> , 2019 , 4, 11572-11577	1.8	2
191	New Tetrazole Tripodal Ligand Based on Triphenylphosphine Oxide. <i>Russian Journal of General Chemistry</i> , 2019 , 89, 2400-2407	0.7	3
190	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
189	Solid-State Photoinitiated Cycloaddition Reaction of 4,4'-(Ethene-1,2-diyl)bis(pyridinium) Dinitrate: Charge-Density Perspective on Initial Stage of the Reaction. <i>Crystals</i> , 2019 , 9, 613	2.3	2
188	Molecular design and structural peculiarities of the 3- and 4-pyridylboron-capped tris-glyoximate and tris-dichloroglyoximate iron(II) clathrochelates with apical donor groups. <i>Polyhedron</i> , 2019 , 160, 1082-1114	2.7	4
187	Structural features of uranyl acrylate complexes with s-, p-, and d-monovalent metals. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2019 , 234, 247-256	1	2
186	Synthesis, structure, and physicochemical properties of triply-bridged binuclear copper(II) complex [Cu ₂ Phen ₂ (μ -CH ₃ CO ₂) ₂ (μ -OH)] ₂ [B ₁₀ Cl ₁₀]. <i>Inorganica Chimica Acta</i> , 2019 , 487, 208-213	2.7	14
185	High-Nuclearity (Cu ₈ -Based) Cage Silsesquioxanes: Synthesis and Structural Study. <i>Crystal Growth and Design</i> , 2018 , 18, 2452-2457	3.5	13

184	Heptanuclear Cage Cull-Silsesquioxanes: Synthesis, Structure and Catalytic Activity. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 2505-2511	2.3	20
183	Unusual Heteronuclear Uranyl Clusters with Aliphatic Monocarboxylate Ligands and Coordination Modes of Crotonate, Butyrate, and Valerate Ions. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 1869-1876	2.3	4
182	Extension and functionalization of an encapsulating macrobicyclic ligand using palladium-catalyzed Suzuki-Miyaura and Sonogashira reactions of iron(ii) dihalogenoclatrochelates with inherent halogen substituents.. <i>RSC Advances</i> , 2018 , 8, 13578-13587	3.7	6
181	Unusual Heteronuclear Uranyl Clusters with Aliphatic Monocarboxylate Ligands and Coordination Modes of Crotonate, Butyrate, and Valerate Ions. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 1867-1867	2.3	
180	Crystal structures of uranyl complexes with isobutyrate and isovalerate anions. <i>Dalton Transactions</i> , 2018 , 47, 1849-1856	4.3	7
179	Coordination and extraction of lanthanides(III) with tripodal ligands on the triphenylphosphine oxide platform: Effect of uncoordinating substituents. <i>Polyhedron</i> , 2018 , 142, 71-82	2.7	12
178	Rapid Boulton-Katritzky rearrangement of 5-aryl-3-[2-(piperidin-1-yl)ethyl]-1,2,4-oxadiazoles upon exposure to water and HCl. <i>Chemistry of Heterocyclic Compounds</i> , 2018 , 54, 643-649	1.4	5
177	Tridecanuclear Cull ₁₁ Na ₂ Cage-like Silsesquioxanes. <i>Crystal Growth and Design</i> , 2018 , 18, 5377-5384	3.5	17
176	Inhibition of DNA synthesis in the transcription system of Taq DNA polymerase by various iron and cobalt(II) tris-dioximate clathrochelates: In vitro study and X-ray structure of leader inhibitors, the carboxyl-terminated macrobicyclic complexes?. <i>Inorganica Chimica Acta</i> , 2018 , 482, 90-98	2.7	10
175	Exploitation of knowledge databases in the synthesis of zinc(II) malonates with photo-sensitive and photo-insensitive β -containing linkers. <i>IUCrJ</i> , 2018 , 5, 293-303	4.7	10
174	Peculiarities of supramolecular organization of cyclic ketones with vinylacetylene fragments. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018 , 74, 1674-1683	0.8	2
173	The molecular design of cage metal complexes for biological applications: pathways of the synthesis, and X-ray structures of a series of new N ₂ -, S ₂ - and O ₂ -alicyclic iron(II) di- and tetrachloroclatrochelates. <i>New Journal of Chemistry</i> , 2018 , 42, 56-66	3.6	2
172	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
171	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
170	Unexpected Product of the Reaction of Iron(II) Dichloroclatrochelate with the [Fe ₂ (E ₅) ₂ (CO) ₆] ₂ Cluster Dianion: Synthesis and X-ray Diffraction Structure of the First Cage Complex with Thiol Groups Inherently Bonded to a Macrobicyclic Framework. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2018 , 44, 496-501	1.6	
169	High-Cluster (Cu) Cage Silsesquioxanes: Synthesis, Structure, and Catalytic Activity. <i>Inorganic Chemistry</i> , 2018 , 57, 11524-11529	5.1	28
168	Decachloro-closo-decaborate anion in copper(II) complexation reactions with N-donor ligands: 35Cl NQR and X-ray studies. <i>Polyhedron</i> , 2017 , 127, 238-247	2.7	20
167	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

166	Synthesis, X-ray structure and reactivity of the vinyl-terminated iron(II) clathrochelate precursors and their cage derivatives with non-equivalent capping groups. <i>Inorganica Chimica Acta</i> , 2017 , 463, 29-35 ²⁻⁷	9
165	The Intricate Structural Chemistry of ML-Type Assemblies. <i>Journal of the American Chemical Society</i> , 2017 , 139, 8371-8381	16.4 47
164	Hydrogen production with a designed clathrochelate-based electrocatalytic materials: Synthesis, X-ray structure and redox-properties of the iron cage complexes with pendant (poly)aryl-terminated ribbed substituents. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 27894-27909	6.7 15
163	Structures and optical spectroscopy of lanthanide trifluoroacetates obtained from hexafluoroacetylacetone. <i>Journal of Fluorine Chemistry</i> , 2017 , 197, 87-93	2.1 13
162	Unusual Tri-, Hexa-, and Nonanuclear Cu(II) Cage Methylsilsesquioxanes: Synthesis, Structures, and Catalytic Activity in Oxidations with Peroxides. <i>Inorganic Chemistry</i> , 2017 , 56, 4093-4103	5.1 44
161	Positional isomers of mononuclear silver(I) anionic complex [Ag(Ph ₃ P) ₂ [B ₁₀ H ₁₀ O ₄]] _x (x = 0 or 1) with apically and equatorially coordinated decahydrido-closo-decaborate and 2-chlorononahydrido-closo-decaborate ligands. <i>Polyhedron</i> , 2017 , 123, 396-403	2.7 13
160	Secondary interactions as defined by ³⁵ Cl NQR spectra in cesium decachloro-closo-decaborates prepared in non-aqueous solutions. <i>Polyhedron</i> , 2017 , 138, 140-144	2.7 10
159	Syntheses and structures of [UO ₂ (L) ₅](ClO ₄) ₂ and [U(L') ₄ (H ₂ O) ₄](ClO ₄) ₄ (L is dimethylformamide, L' is N,N-dimethylcarbamide). <i>Crystallography Reports</i> , 2017 , 62, 725-733	0.6 5
158	Family of Polynuclear Nickel Cage-like Phenylsilsesquioxanes; Features of Periodic Networks and Magnetic Properties. <i>Inorganic Chemistry</i> , 2017 , 56, 12751-12763	5.1 25
157	Tuning linkage isomerism and magnetic properties of bi- and tri-metallic cage silsesquioxanes by cation and solvent effects. <i>Dalton Transactions</i> , 2017 , 46, 12935-12949	4.3 23
156	Ionic Complexes of Tetra- and Nonanuclear Cage Copper(II) Phenylsilsesquioxanes: Synthesis and High Activity in Oxidative Catalysis. <i>ChemCatChem</i> , 2017 , 9, 4437-4447	5.2 27
155	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
154	A New Series of Cobalt and Iron Clathrochelates with Perfluorinated Ribbed Substituents. <i>ACS Omega</i> , 2017 , 2, 6852-6862	3.9 7
153	Clathrochelate iron(II) tris-nioximates with non-equivalent capping groups and their precursors: synthetic strategies, X-ray structure, and reactivity. <i>Journal of Coordination Chemistry</i> , 2017 , 70, 2313-2333 ¹⁻⁶	2
152	PdL-type coordination cages up to three nanometers in size. <i>Chemical Science</i> , 2017 , 8, 1901-1908	9.4 66
151	Synthesis and X-ray structure of methyl esters of the dicarboxyphenylsulfide iron(II) clathrochelates. <i>Journal of Coordination Chemistry</i> , 2017 , 70, 3931-3945	1.6 1
150	Synthesis of isoxazole derivatives of 4,5-dihydro-1H-pyrazole. <i>Russian Journal of Organic Chemistry</i> , 2017 , 53, 1664-1668	0.7 4
149	Solid-State Reactions of Eicosaborate [B ₁₀ H ₁₀] ⁻ Salts and Complexes. <i>Chemistry - A European Journal</i> , 2017 , 23, 16819-16828	4.8 19

148	Intermolecular interactions in polymorphs of the cyclic trimeric perfluoro-ortho-phenylene mercury from geometric, energetic and AIM viewpoints: DFT study and Hirshfeld surface analysis. <i>Structural Chemistry</i> , 2016 , 27, 37-49	1.8	8
147	Understanding the structure of salicyl hydrazone metallocomplexes: crystal structure, AIM and Hirshfeld surface analysis of trichloro-(N-salicylidenebenzoylhydrazinato-N,O,O [?])-tin(IV). <i>Structural Chemistry</i> , 2016 , 27, 25-36	1.8	5
146	Template synthesis and X-ray structure of the tris-glyoximate iron(II) clathrochelates with terminal reactive groups. <i>Inorganica Chimica Acta</i> , 2016 , 453, 210-221	2.7	5
145	Crystal Structures of New Lanthanide Hydroxybenzoates and Different Roles of LMCT State in the Excitation Energy Transfer to Eu ³⁺ Ions. <i>ChemistrySelect</i> , 2016 , 1, 3428-3437	1.8	6
144	Knowledge-Based Approaches to H-Bonding Patterns in Heterocycle-1-Carbohydrazoneamides. <i>Crystal Growth and Design</i> , 2016 , 16, 6354-6362	3.5	12
143	Dinuclear clathrochelate complexes with pendent cyano groups as metalloligands. <i>Dalton Transactions</i> , 2016 , 45, 15507-15516	4.3	15
142	Cage-like Fe,Na-Germesquioxanes: Structure, Magnetism, and Catalytic Activity. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 15360-15363	16.4	31
141	Cage-like Fe,Na-Germesquioxanes: Structure, Magnetism, and Catalytic Activity. <i>Angewandte Chemie</i> , 2016 , 128, 15586-15589	3.6	1
140	Preparation, X-ray Structures, Spectroscopic, and Redox Properties of Di- and Trinuclear Iron-Zirconium and Iron-Hafnium Porphyrinoclathrochelates. <i>Inorganic Chemistry</i> , 2016 , 55, 11867-11882 ^{5.1}		17
139	Solvent-Dependent Regio- and Stereoselective Oxidation of [2.2]Paracyclophane-Derived Phenols. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 896-901	3.2	1
138	Structural diversity of uranyl acrylates. <i>CrystEngComm</i> , 2016 , 18, 1723-1731	3.3	5
137	Synthesis, structure and reactivity of iron(II) clathrochelates with terminal formyl (acetal) groups. <i>Inorganica Chimica Acta</i> , 2016 , 440, 154-164	2.7	12
136	Extraction and coordination studies of a carbonyl-phosphine oxide scorpionate ligand with uranyl and lanthanide(III) nitrates: structural, spectroscopic and DFT characterization of the complexes. <i>Dalton Transactions</i> , 2016 , 45, 5162-79	4.3	10
135	Clathrochelates meet phosphorus. New thio- and phosphorylation reactions of an iron(II) dichloroclathrochelate precursor and preparation of its first phosphorus(III)-containing macrobicyclic derivative. <i>Dalton Transactions</i> , 2016 , 45, 5328-33	4.3	5
134	Ligand Aspect Ratio as a Decisive Factor for the Self-Assembly of Coordination Cages. <i>Journal of the American Chemical Society</i> , 2016 , 138, 2046-54	16.4	103
133	Cu(II)-Silsesquioxanes as Secondary Building Units for Construction of Coordination Polymers: A Case Study of Cesium-Containing Compounds. <i>Crystal Growth and Design</i> , 2016 , 16, 1968-1977	3.5	22
132	Unusual penta- and hexanuclear Ni(ii)-based silsesquioxane polynuclear complexes. <i>Dalton Transactions</i> , 2016 , 45, 7320-7	4.3	39
131	Novel Cage-Like Hexanuclear Nickel(II) Silsesquioxane. Synthesis, Structure, and Catalytic Activity in Oxidations with Peroxides. <i>Molecules</i> , 2016 , 21,	4.8	27

130	Gadolinium(III) 3,5,5-trimethylhexanoate complexes for creation of stable Gd-loaded liquid organic scintillators. <i>Russian Journal of Inorganic Chemistry</i> , 2016 , 61, 257-263	1.5	7
129	Secondary interactions in decachloro-closo-decaborates R ₂ [B ₁₀ Cl ₁₀] (R = Et ₃ NH ⁺ , Ph ₄ P ⁺ , and [Ag(NH ₃) ₂] ⁺): ³⁵ Cl NQR, PW-DFT, and X-ray studies. <i>Inorganica Chimica Acta</i> , 2016 , 447, 22-31	2.7	23
128	Azolyl-substituted 1,2,3-triazoles. <i>Russian Journal of Organic Chemistry</i> , 2016 , 52, 414-420	0.7	5
127	Theoretical Charge Density Analysis and Nonlinear Optical Properties of Quasi-Planar 1-Aryl(hetaryl)-5-phenylpent-1-en-4-yn-3-ones. <i>Crystal Growth and Design</i> , 2016 , 16, 3859-3868	3.5	9
126	Intramolecular self-alkylation reaction of an iron(II) dichloroclathrochelate caused cyclization and demethylation in its chelate ribbed fragment. <i>Inorganic Chemistry Communication</i> , 2016 , 67, 80-84	3.1	1
125	A heterometallic (Fe ₆ Na ₈) cage-like silsesquioxane: synthesis, structure, spin glass behavior and high catalytic activity. <i>RSC Advances</i> , 2016 , 6, 48165-48180	3.7	48
124	Synthesis, structure and ADMET properties of the monoribbed-functionalized iron(II) clathrochelates with terminal DNA-relevant groups. <i>Inorganica Chimica Acta</i> , 2016 , 448, 7-15	2.7	7
123	Secondary interactions in decachloro-closo-decaborates of alkali metals M ₂ [B ₁₀ Cl ₁₀] (M = K ⁺ and Cs ⁺): ³⁵ Cl NQR and X-ray studies. <i>Polyhedron</i> , 2016 , 117, 561-568	2.7	15
122	Polymorphism in a Cobalt-Based Single-Ion Magnet Tuning Its Barrier to Magnetization Relaxation. <i>Journal of Physical Chemistry Letters</i> , 2016 , 7, 4111-4116	6.4	76
121	[Co(solv) ₆][B ₁₀ H ₁₀] (solv = DMF and DMSO) for low-temperature synthesis of borides. <i>Russian Journal of Inorganic Chemistry</i> , 2016 , 61, 1125-1134	1.5	15
120	New rhenium(III) semiclathrochelates with biorelevant apical substituents: Synthesis, X-ray structure and reactivity. <i>Inorganic Chemistry Communication</i> , 2016 , 72, 23-29	3.1	3
119	First iron and cobalt(II) hexabromoclathrochelates: structural, magnetic, redox, and electrocatalytic behavior. <i>Dalton Transactions</i> , 2015 , 44, 2476-87	4.3	27
118	Synthesis and X-ray diffraction study of Li(NH ₄) ₂ [UO ₂](CH ₃ COO) ₃ · 2H ₂ O and (CN ₃ H ₆) ₄ [UO ₂ (CH ₃ COO) ₃](NO ₃) ₃ . <i>Russian Journal of Inorganic Chemistry</i> , 2015 , 60, 38-45	1.5	4
117	Reversible single-crystal-to-single-crystal photoisomerization of a silver(I) macropolyhedral borane. <i>CrystEngComm</i> , 2015 , 17, 8870-8875	3.3	21
116	Synthesis, Structure, and Nonlinear Optical Activity of K, Rb, and Cs Tris(crotonato)uranylates(VI). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015 , 641, 1182-1187	1.3	16
115	Synthesis and structure of AUO ₂ (n-C ₃ H ₇ COO) ₃ (A=Rb or Cs) and RbUO ₂ (n-C ₄ H ₉ COO) ₃ . <i>Polyhedron</i> , 2015 , 91, 68-72	2.7	14
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112	Synthesis of Bromo-Substituted 4-Hydroxy[2.2]paracyclophanes and [2.2]Paracyclophane-4,7-quinones as Versatile Chiral Building Blocks. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 325-330	3.2	2
111	Trinuclear $\{Sr[UO_2L_3]_2(H_2O)_4\}$ and pentanuclear $\{Sr[UO_2L_3]_4\}^{2+}$ uranyl monocarboxylate complexes (L-acetate or n-butyrate ion). <i>CrystEngComm</i> , 2015 , 17, 740-746	3.3	23
110	Crystal structure of (2E,4E)-5-[bis-(2-hydroxy-ethyl)amino]-1-(4-chloro-phenyl)-5-phenyl-penta-2,4-dien-1-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o870-1	0.7	1
109	Studies of Multicenter and Intermolecular Dihydrogen $BH\cdots H\cdots H$ Bonding in $[4,8,8\text{-exo}\{-PPh_3Cu\}\text{-}4,8,8\text{-}(\text{H})_3\text{-}3,3\text{-}Co(1,2\text{-}C_2B_9H_9)(1?,2\text{-}C_2B_9H_{10})]$. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 5847-5855	2.3	18
108	Crystal structure of (E)-1-(2,4-di-nitro-phenyl)-2-[(E)-5-phenyl-1-(p-tol-yl)pent-2-en-4-yn-1-yl-idene]hydrazine. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o846-7	0.7	
107	Synthesis and Temperature-Induced Structural Phase and Spin Transitions in Hexadecylboron-Capped Cobalt(II) Hexachloroclathrochelate and Its Diamagnetic Iron(II)-Encapsulating Analogue. <i>Inorganic Chemistry</i> , 2015 , 54, 5827-38	5.1	35
106	Boron cluster anions $[B_nH_n]^{2-}$ ($n = 10, 12$) in the formation of binuclear iron(II) complexes with bridging CO ₃ group and azaheterocyclic ligands L (L = Bipy, Phen). <i>Doklady Chemistry</i> , 2015 , 461, 96-99	0.8	2
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104	Reactivity of boron cluster anions $[B_{10}H_{10}]^{2-}$, $[B_{10}Cl_{10}]^{2-}$ and $[B_{12}H_{12}]^{2-}$ in cobalt(II)/cobalt(III) complexation with 1,10-phenanthroline. <i>Inorganica Chimica Acta</i> , 2015 , 428, 154-162	2.7	27
103	Molecular design of cage iron(II) and cobalt(II,III) complexes with a second fluorine-enriched superhydrophobic shell. <i>Dalton Transactions</i> , 2015 , 44, 3773-84	4.3	11
102	Copper-promoted reductive homocoupling of quasi-aromatic iron(II) clathrochelates: boosting the inhibitory activity in a transcription assay. <i>Chemical Communications</i> , 2014 , 50, 3166-8	5.8	25
101	Nucleophilic sulfanylation of 1,5-disubstituted pent-2-en-4-yn-1-ones. <i>Russian Journal of Organic Chemistry</i> , 2014 , 50, 13-20	0.7	16
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99	Tris(acrylato)uranylates as a scaffold for NLO materials. <i>Inorganic Chemistry Communication</i> , 2014 , 46, 5-8	3.1	17
98	Clathrochelates meet phosphorus: thiophosphorylation of Fe(II) dichloroclathrochelate precursor, synthesis of N,S-donor macrobicyclic ligands and their Pd(II) complexes as potent catalysts of Suzuki cross-coupling reaction. <i>Dalton Transactions</i> , 2014 , 43, 9677-89	4.3	15
97	Synthesis of 5-amino-1,5-diarylpenta-2,4-dien-1-ones. <i>Russian Journal of Organic Chemistry</i> , 2014 , 50, 943-947	0.7	11
96	Boron Cluster Anions $[B_nH_n]^{2-}$ ($n = 10, 12$) in Reactions of Iron(II) and Iron(III) Complexation with 2,2'-Bipyridyl and 1, 10-Phenanthroline. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014 , 640, 2149-2160	1.3	17
95	Transition Ion Strikes Back: Large Magnetic Susceptibility Anisotropy in Cobalt(II) Clathrochelates. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 3799-803	6.4	51

94	A comparative study of a mixed-ligand copper(II) complex by the theory of atoms in molecules and the Voronoi tessellation. <i>Mendeleev Communications</i> , 2014 , 24, 216-218	1.9	13
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92	Electronic structure of cesium butyrateuranyl(VI) as derived from DFT-assisted powder X-ray diffraction data. <i>Journal of Physical Chemistry A</i> , 2014 , 118, 9745-52	2.8	16
91	Intermolecular Interactions and Second-Harmonic Generation Properties of (E)-1,5-Diarylpentenyn-1-ones. <i>Crystal Growth and Design</i> , 2014 , 14, 4402-4410	3.5	16
90	X-Ray diffraction and IR-spectroscopic studies of $\text{UO}_2(\text{n-C}_3\text{H}_7\text{COO})_2(\text{H}_2\text{O})_2$ and $\text{Mg}(\text{H}_2\text{O})_6[\text{UO}_2(\text{n-C}_3\text{H}_7\text{COO})_3]_2$. <i>Crystallography Reports</i> , 2014 , 59, 190-195	0.6	13
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88	Chloride ion-aided self-assembly of pseudoclathrochelate metal tris-pyrazoloximates. <i>Inorganic Chemistry</i> , 2014 , 53, 3062-71	5.1	23
87	Copper(I)- and copper(0)-promoted homocoupling and homocoupling-hydrodehalogenation reactions of dihalogenoclathrochelate precursors for C-C conjugated iron(II) bis-cage complexes. <i>Dalton Transactions</i> , 2014 , 43, 17934-48	4.3	23
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17	Synthesis and crystal structure of $\text{Na}_3(\text{H}_3\text{O})[\text{UO}_2(\text{SeO}_3)_2]_2 \cdot 2\text{H}_2\text{O}$. <i>Crystallography Reports</i> , 2009 , 54, 852-857	0.57	4
16	1,2,3,4,7-Pentamethylindenyl complex $[(\text{C}_9\text{H}_2\text{Me}_5)\text{RhI}_2]_2$ as a synthon for the $[(\text{C}_9\text{H}_2\text{Me}_5)\text{Rh}]_2^+$ fragment. <i>Russian Chemical Bulletin</i> , 2008 , 57, 1653-1656	1.7	3
15	Special features of intermolecular bonding A...D (A = Si, Ge and D = nucleophile) in crystal structures. <i>Acta Crystallographica Section B: Structural Science</i> , 2008 , 64, 448-55		6
14	Synthesis and structure of $(\text{NH}_4)_2[(\text{UO}_2)_2(\text{C}_2\text{O}_4)(\text{CH}_3\text{COO})_4] \cdot 2\text{H}_2\text{O}$. <i>Russian Journal of Inorganic Chemistry</i> , 2008 , 53, 1193-1196	1.5	3
13	Stereochemical features of bromine- and iodine-containing compounds of lanthanides. <i>Russian Journal of Inorganic Chemistry</i> , 2007 , 52, 209-217	1.5	1
12	Maximum filling principle and sublattices of lanthanide atoms in crystal structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2007 , 33, 741-748	1.6	3
11	New type of 2-alkyl-substituted 1,8-naphthyridine systems containing a phosphoryl group in the side chain. <i>Russian Chemical Bulletin</i> , 2007 , 56, 1911-1917	1.7	16
10	Benzene complex $[(\text{C}_9\text{-SMe}_2\text{-7,8-C}_2\text{B}_9\text{H}_{10})\text{Fe}(\text{C}_6\text{H}_6)]^+$ as a synthon for the cationic ferracarborane moiety. <i>Russian Chemical Bulletin</i> , 2007 , 56, 2118-2120	1.7	11
9	LnO_n coordination polyhedra (Ln = La-Lu) in crystal structures. <i>Acta Crystallographica Section B: Structural Science</i> , 2006 , 62, 754-60		11
8	1H-Benzimidazole-1-carbohydrazonamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o3209-o3210		1
7	Coordination polyhedra LnO_n (Ln = Er, Tm, Yb, Lu) in crystal structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2006 , 32, 45-56	1.6	1
6	Coordination polyhedra LnCl_n (Ln = La-Lu) in crystal structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2006 , 32, 815-823	1.6	1
5	Coordination polyhedra LnF_n (Ln = La-Lu) in crystal structures. <i>Russian Journal of Inorganic Chemistry</i> , 2006 , 51, 747-758	1.5	3

4	The coordination polyhedra PrO n in the crystal structure. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2005 , 31, 51-57	1.6	2
3	Manganese Stereochemistry in the Structures of Oxygen-Containing Compounds. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2005 , 31, 737-746	1.6	9
2	The SmO n Coordination Polyhedra in Crystal Structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2002 , 28, 801-807	1.6	4
1	The EuOnCoordination Polyhedra in Crystal Structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2001 , 27, 717-721	1.6	3