Anna V Vologzhanina

List of Publications by Citations

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	Crystallochemical formula as a tool for describing metal-ligand complexes - a pyridine-2,6-dicarboxylate example. *Acta Crystallographica Section B: Structural Science*, **2009**, 65, 45-53		140
236	Ligand Aspect Ratio as a Decisive Factor for the Self-Assembly of Coordination Cages. *Journal of the American Chemical Society*, **2016**, 138, 2046-54	16.4	103
235	Polymorphism in a Cobalt-Based Single-Ion Magnet Tuning Its Barrier to Magnetization Relaxation. *Journal of Physical Chemistry Letters*, **2016**, 7, 4111-4116	6.4	76
234	PdL-type coordination cages up to three nanometers in size. *Chemical Science*, **2017**, 8, 1901-1908	9.4	66
233	Tris-Dioximate Cobalt(I,II,III) Clathrochelates: Stabilization of Different Oxidation and Spin States of an Encapsulated Metal Ion by Ribbed Functionalization. *European Journal of Inorganic Chemistry*, **2010**, 2010, 5401-5415	2.3	66
232	Synthesis, structure, properties and immobilization on a gold surface of the monoribbed-functionalized tris-dioximate cobalt(II) clathrochelates and an electrocatalytic hydrogen production from H+ ions. *Dalton Transactions*, **2012**, 41, 6078-93	4.3	52
231	Transition Ion Strikes Back: Large Magnetic Susceptibility Anisotropy in Cobalt(II) Clathrochelates. *Journal of Physical Chemistry Letters*, **2014**, 5, 3799-803	6.4	51
230	A heterometallic (Fe6Na8) cage-like silsesquioxane: synthesis, structure, spin glass behavior and high catalytic activity. *RSC Advances*, **2016**, 6, 48165-48180	3.7	48
229	The Intricate Structural Chemistry of ML-Type Assemblies. *Journal of the American Chemical Society*, **2017**, 139, 8371-8381	16.4	47
228	Unusual Tri-, Hexa-, and Nonanuclear Cu(II) Cage Methylsilsesquioxanes: Synthesis, Structures, and Catalytic Activity in Oxidations with Peroxides. *Inorganic Chemistry*, **2017**, 56, 4093-4103	5.1	44
227	Voronoi-Dirichlet tesselation as a tool for investigation of polymorphism in molecular crystals with CwHxNyOz composition and photochromic properties. *Acta Crystallographica Section B: Structural Science*, **2012**, 68, 305-12		40
226	Unusual penta- and hexanuclear Ni(ii)-based silsesquioxane polynuclear complexes. *Dalton Transactions*, **2016**, 45, 7320-7	4.3	39
225	Theoretical QTAIM, ELI-D, and Hirshfeld surface analysis of the Cu-(H)B interaction in [Cu2(bipy)2B10H10]. *Journal of Physical Chemistry A*, **2013**, 117, 13138-50	2.8	38
224	Formation of the second superhydrophobic shell around an encapsulated metal ion: synthesis, X-ray structure and electrochemical study of the clathrochelate and bis-clathrochelate iron(II) and cobalt(II, III) dioximates with ribbed perfluoroarylsulfide substituents. *Dalton Transactions*, **2012**, 41, 737-46	4.3	38
223	Ferracarborane Benzene Complexes [(η9-L-7,8-C2B9H10)Fe(η6C6H6)]+ (L = SMe2, NMe3): Synthesis, Reactivity, Electrochemistry, Mössbauer Effect Studies, and Bonding. *Organometallics*, **2010**, 29, 2260-2271	3.8	37
222	Iron vs. cobalt clathrochelate electrocatalysts of HER: the first example on a cage iron complex. *Dalton Transactions*, **2013**, 42, 4373-6	4.3	36
221	Synthesis and Temperature-Induced Structural Phase and Spin Transitions in Hexadecylboron-Capped Cobalt(II) Hexachloroclathrochelate and Its Diamagnetic Iron(II)-Encapsulating Analogue. *Inorganic Chemistry*, **2015**, 54, 5827-38	5.1	35

220	Cage-like Fe,Na-Germsesquioxanes: Structure, Magnetism, and Catalytic Activity. *Angewandte Chemie - International Edition*, **2016**, 55, 15360-15363	16.4	31
219	Structural regularities and luminescence properties of dimeric europium and terbium carboxylates with 1,10-phenanthroline (C.N. = 9). *Journal of Photochemistry and Photobiology A: Chemistry*, **2010**, 211, 7-19	4.7	31
218	High-Cluster (Cu) Cage Silsesquioxanes: Synthesis, Structure, and Catalytic Activity. *Inorganic Chemistry*, **2018**, 57, 11524-11529	5.1	28
217	First iron and cobalt(II) hexabromoclathrochelates: structural, magnetic, redox, and electrocatalytic behavior. *Dalton Transactions*, **2015**, 44, 2476-87	4.3	27
216	Ionic Complexes of Tetra- and Nonanuclear Cage Copper(II) Phenylsilsesquioxanes: Synthesis and High Activity in Oxidative Catalysis. *ChemCatChem*, **2017**, 9, 4437-4447	5.2	27
215	Reactivity of boron cluster anions [B10H10]2□[B10Cl10]2□and [B12H12]2□in cobalt(II)/cobalt(III) complexation with 1,10-phenanthroline. *Inorganica Chimica Acta*, **2015**, 428, 154-162	2.7	27
214	Novel Cage-Like Hexanuclear Nickel(II) Silsesquioxane. Synthesis, Structure, and Catalytic Activity in Oxidations with Peroxides. *Molecules*, **2016**, 21,	4.8	27
213	Family of Polynuclear Nickel Cagelike Phenylsilsesquioxanes; Features of Periodic Networks and Magnetic Properties. *Inorganic Chemistry*, **2017**, 56, 12751-12763	5.1	25
212	Copper-promoted reductive homocoupling of quasi-aromatic iron(II) clathrochelates: boosting the inhibitory activity in a transcription assay. *Chemical Communications*, **2014**, 50, 3166-8	5.8	25
211	Synthesis of 1,5-disubstituted (E)-pent-2-en-4-yn-1-ones. *Russian Journal of Organic Chemistry*, **2013**, 49, 1264-1269	0.7	25
210	Synthesis, structure and electron-mediator properties of the mono- and difunctionalized macrobicyclic iron(II) tris-dioximates with thiol terminated ribbed spacer substituents. *Inorganica Chimica Acta*, **2009**, 362, 2982-2988	2.7	25
209	On a way to new types of the polyfunctional and polytopic systems based on cage metal complexes: Cadmium-promoted nucleophilic substitution with low-active nucleophilic agents. *Polyhedron*, **2009**, 28, 3431-3438	2.7	24
208	Trinuclear {Sr[UO2L3]2(H2O)4} and pentanuclear {Sr[UO2L3]4}2□uranyl monocarboxylate complexes (L-acetate or n-butyrate ion). *CrystEngComm*, **2015**, 17, 740-746	3.3	23
207	Chloride ion-aided self-assembly of pseudoclathrochelate metal tris-pyrazoloximates. *Inorganic Chemistry*, **2014**, 53, 3062-71	5.1	23
206	Tuning linkage isomerism and magnetic properties of bi- and tri-metallic cage silsesquioxanes by cation and solvent effects. *Dalton Transactions*, **2017**, 46, 12935-12949	4.3	23
205	Copper(I)- and copper(0)-promoted homocoupling and homocoupling-hydrodehalogenation reactions of dihalogenoclathrochelate precursors for C-C conjugated iron(II) bis-cage complexes. *Dalton Transactions*, **2014**, 43, 17934-48	4.3	23
204	Synthesis, structure, electrochemistry, and M□sbauer effect studies of (ring)Fe complexes (ring=Cp, Cp*, and C6H7). Photochemical replacement of benzene in the cyclohexadienyl complex [(□5-C6H7)Fe(□C6H6)]+. *Journal of Organometallic Chemistry*, **2009**, 694, 1161-1171	2.3	23
203	Secondary interactions in decachloro-closo-decaborates R2[B10Cl10] (R = Et3NH+, Ph4P+, and [Ag(NH3)2]+): 35Cl NQR, PW-DFT, and X-ray studies. *Inorganica Chimica Acta*, **2016**, 447, 22-31	2.7	23

202	Intermolecular Interactions in Functional Crystalline Materials: From Data to Knowledge. *Crystals*, **2019**, 9, 478	2.3	22
201	Cationic iridacarboranes [3-(arene)-3,1,2-IrC2B9H11]+ and [3-(MeCN)3-3,1,2-IrC2B9H11]+: Synthesis, reactivity, and bonding. Catalysis of oxidative coupling of benzoic acid with alkynes. *Journal of Organometallic Chemistry*, **2015**, 793, 232-240	2.3	22
200	Cu(II)-Silsesquioxanes as Secondary Building Units for Construction of Coordination Polymers: A Case Study of Cesium-Containing Compounds. *Crystal Growth and Design*, **2016**, 16, 1968-1977	3.5	22
199	Structures, luminescence and vibrational spectroscopy of europium and terbium nitro- and dinitro-substituted benzoates. Nitro groups as quenchers of Ln3+ luminescence. *Journal of Photochemistry and Photobiology A: Chemistry*, **2012**, 239, 37-46	4.7	22
198	Synthesis and characterisation of a trinuclear uranyl complex: Crystal structure of (CN3H6)5[(UO2)3O(OH)2(CH3COO)(C2O4)3]. *Inorganica Chimica Acta*, **2009**, 362, 4921-4925	2.7	22
197	New o-carboranyl-containing capping agents for d-metal tris-dioximates and first bis-C-carboranylboron-capped iron(II) clathrochelates: Synthesis and X-ray structure. *Inorganic Chemistry Communication*, **2009**, 12, 135-139	3.1	22
196	Reversible single-crystal-to-single-crystal photoisomerization of a silver(I) macropolyhedral borane. *CrystEngComm*, **2015**, 17, 8870-8875	3.3	21
195	Synthesis and structure of disubstituted closo-decaborate anion derivatives Ph4P(2,6-B10H8O2CCH3) and 1,2-B10H8Phen with bifunctional O,O′-and N,N′-substituents. *Doklady Chemistry*, **2013**, 452, 240-244	0.8	21
194	Decachloro-closo-decaborate anion in copper(II) complexation reactions with N-donor ligands: 35Cl NQR and X-ray studies. *Polyhedron*, **2017**, 127, 238-247	2.7	20
193	Heptanuclear Cage CuII-Silsesquioxanes: Synthesis, Structure and Catalytic Activity. *European Journal of Inorganic Chemistry*, **2018**, 2018, 2505-2511	2.3	20
192	Persistent CH···π Interactions in Mefenamic Acid Complexes with Cyclic and Acyclic Amines. *Crystal Growth and Design*, **2010**, 10, 3647-3656	3.5	20
191	Apically linked iron(II) α-dioximate and α-oximehydrazonate bis-clathrochelates: synthesis, structure and electrocatalytic properties. *Dalton Transactions*, **2013**, 42, 13667-78	4.3	19
190	Template synthesis, X-ray structure, spectral and redox properties of the paramagnetic alkylboron-capped cobalt(II) clathrochelates and their diamagnetic iron(II)-containing analogs. *Inorganica Chimica Acta*, **2013**, 399, 67-78	2.7	19
189	The first uranyl complexes with valerate ions. *Acta Crystallographica Section C: Crystal Structure Communications*, **2013**, 69, 721-6		19
188	Crystal structure of R[UO2(CH3COO)3] (R = NH +4 , K+, or Cs+). *Crystallography Reports*, **2010**, 55, 773-779	0.6	19
187	Solid-State Reactions of Eicosaborate [B H] Salts and Complexes. *Chemistry - A European Journal*, **2017**, 23, 16819-16828	4.8	19
186	Studies of Multicenter and Intermolecular Dihydrogen B–H···H–C Bonding in [4,8,8?-exo-{PPh3Cu}-4,8,8?-(μ-H)3-commo-3,3?-Co(1,2-C2B9H9)(1?,2?-C2B9H10)]. *European Journal of Inorganic Chemistry*, **2015**, 2015, 5847-5855	2.3	18
185	First "click" Synthesis of the Ribbed-Functionalized Metal Clathrochelates: Cycloaddition of Benzyl Azide to Propargylamine Iron(II) Macrobicycle and the Unexpected Transformations of the Resulting Cage Complex. *European Journal of Inorganic Chemistry*, **2012**, 2012, 4507-4514	2.3	18

184	First clathrochelate iron and cobalt(II) tris-dioximates with reactive apical substituents. *Inorganic Chemistry Communication*, **2013**, 30, 53-57	3.1	18
183	Preparation, X-ray Structures, Spectroscopic, and Redox Properties of Di- and Trinuclear Iron-Zirconium and Iron-Hafnium Porphyrinoclathrochelates. *Inorganic Chemistry*, **2016**, 55, 11867-11882	5.1	17
182	Tridecanuclear CuII11Na2 Cagelike Silsesquioxanes. *Crystal Growth and Design*, **2018**, 18, 5377-5384	3.5	17
181	Tris(acrylato)uranylates as a scaffold for NLO materials. *Inorganic Chemistry Communication*, **2014**, 46, 5-8	3.1	17
180	Boron Cluster Anions [BnHn]2□(n = 10, 12) in Reactions of Iron(II) and Iron(III) Complexation with 2, 2?-Bipyridyl and 1, 10-Phenanthroline. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2014**, 640, 2149-2160	1.3	17
179	Complexation and exopolyhedral substitution of the terminal hydrogen atoms in the decahydro-closo-decaborate anion in the presence of cobalt(II). *Polyhedron*, **2019**, 162, 65-70	2.7	16
178	Synthesis, Structure, and Nonlinear Optical Activity of K, Rb, and Cs Tris(crotonato)uranylates(VI). *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2015**, 641, 1182-1187	1.3	16
177	Nucleophilic sulfanylation of 1,5-disubstituted pent-2-en-4-yn-1-ones. *Russian Journal of Organic Chemistry*, **2014**, 50, 13-20	0.7	16
176	Electronic structure of cesium butyratouranylate(VI) as derived from DFT-assisted powder X-ray diffraction data. *Journal of Physical Chemistry A*, **2014**, 118, 9745-52	2.8	16
175	Intermolecular Interactions and Second-Harmonic Generation Properties of (E)-1,5-Diarylpentenyn-1-ones. *Crystal Growth and Design*, **2014**, 14, 4402-4410	3.5	16
174	New type of 2-alkyl-substituted 1,8-naphthyridine systems containing a phosphoryl group in the side chain. *Russian Chemical Bulletin*, **2007**, 56, 1911-1917	1.7	16
173	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. *International Journal of Hydrogen Energy*, **2017**, 42, 27894-27909	6.7	15
172	Dinuclear clathrochelate complexes with pendent cyano groups as metalloligands. *Dalton Transactions*, **2016**, 45, 15507-15516	4.3	15
171	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. *Dalton Transactions*, **2014**, 43, 9677-89	4.3	15
170	Synthesis of the first morpholine-containing iron(II) clathrochelates: A new class of efficient functionalized transcription inhibitors. *Inorganica Chimica Acta*, **2014**, 421, 300-306	2.7	15
169	New types of the germanium-capped clathrochelate iron(II) and cobalt(III) tris-dioximates: The synthesis, structure and electrochemical properties. *Inorganic Chemistry Communication*, **2011**, 14, 1043-1047	3.1	15
168	Secondary interactions in decachloro-closo-decaborates of alkali metals M2[B10Cl10] (M = K+ and Cs+): 35Cl NQR and X-ray studies. *Polyhedron*, **2016**, 117, 561-568	2.7	15
167	[Co(solv)6][B10H10] (solv = DMF and DMSO) for low-temperature synthesis of borides. *Russian Journal of Inorganic Chemistry*, **2016**, 61, 1125-1134	1.5	15

166	Synthesis and structure of AUO2(n-C3H7COO)3 (A=Rb or Cs) and RbUO2(n-C4H9COO)3. *Polyhedron*, **2015**, 91, 68-72	2.7	14
165	Friedl□der reaction in the synthesis of 2-(phosphoryl)alkyl-substituted 1,6-naphthyridines. *Mendeleev Communications*, **2009**, 19, 303-305	1.9	14
164	Synthesis, structure, and physicochemical properties of triply-bridged binuclear copper(II) complex [Cu2Phen2(μ-CH3CO2)2(μ-OH)]2[B10Cl10]. *Inorganica Chimica Acta*, **2019**, 487, 208-213	2.7	14
163	Structures and optical spectroscopy of lanthanide trifluoroacetates obtained from hexafluoroacetylacetone. *Journal of Fluorine Chemistry*, **2017**, 197, 87-93	2.1	13
162	Positional isomers of mononuclear silver(I) anionic complex [Ag(Ph3P)2[B10H10□l]]□(x= 0 or 1) with apically and equatorially coordinated decahydrido-closo-decaborate and 2-chlorononahydrido-closo-decaborate ligands. *Polyhedron*, **2017**, 123, 396-403	2.7	13
161	High-Nuclearity (Cu8-Based) Cage Silsesquioxanes: Synthesis and Structural Study. *Crystal Growth and Design*, **2018**, 18, 2452-2457	3.5	13
160	A comparative study of a mixed-ligand copper(II) complex by the theory of atoms in molecules and the Voronoi tessellation. *Mendeleev Communications*, **2014**, 24, 216-218	1.9	13
159	X-Ray diffraction and IR-spectroscopic studies of UO2(n-C3H7COO)2(H2O)2 and Mg(H2O)6[UO2(n-C3H7COO)3]2. *Crystallography Reports*, **2014**, 59, 190-195	0.6	13
158	First example of perfluoroalkylation of a quasi-aromatic encapsulating ligand: 2,5-Dithiahexane-assisted reaction of the iron(II) diiodoclathrochelate with trifluoromethylcopper(I). *Inorganic Chemistry Communication*, **2013**, 33, 147-150	3.1	13
157	Cage Metal Complexes: Synthesis, X-ray Structure, and Spectral and Redox Behavior of the First Hybrid Iron(II) Clathrochelatoscorpionate and Its Pyrazoloxime-Armed Macrocyclic Intermediate. *European Journal of Inorganic Chemistry*, **2013**, 2013, 1987-1992	2.3	13
156	Synthesis, crystal structure, and IR spectral study of Na[(UO2)(C3H7COO)3] □0.25H2O and K[(UO2)(C3H7COO)3]. *Russian Journal of Inorganic Chemistry*, **2012**, 57, 939-944	1.5	13
155	(Methoxyborole)cobalt Complexes □Synthesis, Structures and Bonding. *European Journal of Inorganic Chemistry*, **2011**, 2011, 5422-5429	2.3	13
154	New cadmium-promoted reaction of a C-nucleophile: Synthesis and X-ray structure of the first dicyanopyrazine iron(II) clathrochelate. *Inorganic Chemistry Communication*, **2011**, 14, 1504-1507	3.1	13
153	Coordination and extraction of lanthanides(III) with tripodal ligands on the triphenylphosphine oxide platform: Effect of uncoordinating substituents. *Polyhedron*, **2018**, 142, 71-82	2.7	12
152	Knowledge-Based Approaches to H-Bonding Patterns in Heterocycle-1-Carbohydrazoneamides. *Crystal Growth and Design*, **2016**, 16, 6354-6362	3.5	12
151	Synthesis, structure and reactivity of iron(II) clathrochelates with terminal formyl (acetal) groups. *Inorganica Chimica Acta*, **2016**, 440, 154-164	2.7	12
150	Structures and manifestation of ortho-, meta-, and para-NH2-substitution in the optical spectra of europium and terbium aminobenzoates. *Journal of Photochemistry and Photobiology A: Chemistry*, **2014**, 285, 52-61	4.7	12
149	C-carboranylation of a quasi-aromatic iron(II) cage complex and its organic aromatic analog by the metal-catalyzed (promoted) cross-coupling reactions. *Inorganic Chemistry Communication*, **2014**, 43, 142-145	3.1	12

148	Novel ligands based on bromosubstituted hydroxycarbonyl [2.2]paracyclophane derivatives: synthesis and application in asymmetric catalysis. *Tetrahedron: Asymmetry*, **2010**, 21, 731-738		12
147	Diastereoselective solid-state crossed photocycloaddition of olefins in a 3D Zn(ii) coordination polymer. *Chemical Communications*, **2018**, 54, 13861-13864	5.8	12
146	36-Nuclear anionic dimethylmalonate complexes of nickel(II) and cobalt(II) with cation of NBu 4 + : Synthesis, structure and magnetic properties. *Polyhedron*, **2017**, 130, 67-74	2.7	11
145	Combined analysis of chemical bonding in a Cu(II) dimer using QTAIM, Voronoi tessellation and Hirshfeld surface approaches. *Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials*, **2015**, 71, 543-54	1.8	11
144	Synthesis of 5-amino-1,5-diarylpenta-2,4-dien-1-ones. *Russian Journal of Organic Chemistry*, **2014**, 50, 943-947	0.7	11
143	Synthesis, structure, and properties of [Be(H2O)4][UO2(CH3COO)3]2. *Radiochemistry*, **2013**, 55, 36-40	0.9	11
142	Molecular design of cage iron(II) and cobalt(II,III) complexes with a second fluorine-enriched superhydrophobic shell. *Dalton Transactions*, **2015**, 44, 3773-84	4.3	11
141	Bis(□2-2-(dimethylamino)ethoxo-N,O,O)-di(phenolato-O)ditin(II): a high-resolution single-crystal X-ray diffraction and quantum chemical study. *Acta Crystallographica Section B: Structural Science*, **2011**, 67, 315-23		11
140	Benzene complex [(□9-SMe2-7,8-C2B9H10)Fe(□C6H6)]+ as a synthon for the cationic ferracarborane moiety. *Russian Chemical Bulletin*, **2007**, 56, 2118-2120	1.7	11
139	LnOn coordination polyhedra (Ln = La-Lu) in crystal structures. *Acta Crystallographica Section B: Structural Science*, **2006**, 62, 754-60		11
138	Secondary interactions as defined by 35Cl NQR spectra in cesium decachloro-closo-decaborates prepared in non-aqueous solutions. *Polyhedron*, **2017**, 138, 140-144	2.7	10
137	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. *Inorganic Chemistry*, **2020**, 59, 4536-4545	5.1	10
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. *Dalton Transactions*, **2016**, 45, 5162-79	4.3	10
135	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?. *Inorganica Chimica Acta*, **2018**, 482, 90-98	2.7	10
134	Template synthesis, structure and properties of 4-pyridinylboron-capped iron(II) clathrochelate precursors for Bubnov diallylation reaction. *Inorganic Chemistry Communication*, **2013**, 33, 57-62	3.1	10
133	Interatomic interactions in the crystal of (C4H11N2)2(C4H12N2)[Mo(CN)8]: comparison of two approaches. *Russian Chemical Bulletin*, **2013**, 62, 1786-1792	1.7	10
132	Synthesis and X-ray diffraction study of (Cs0.5Ba0.25)[UO2(CH3COO)3] and Ba0.5[UO2(CH3COO)3]. *Crystallography Reports*, **2011**, 56, 265-269	0.6	10
131	Synthesis and crystal structure of [UO2CrO4(C5NH5COO)2(H2O)]□2H2O. *Crystallography Reports*, **2011**, 56, 233-237	0.6	10

130	Synthesis, X-ray structures and properties of the first tris-dioximate cobalt clathrochelates with nonequivalent chelate ribbed fragments. *Inorganica Chimica Acta*, **2009**, 362, 5144-5150	2.7	10
129	Exploitation of knowledge databases in the synthesis of zinc(II) malonates with photo-sensitive and photo-insensitive ,'-containing linkers. *IUCrJ*, **2018**, 5, 293-303	4.7	10
128	Synthesis, X-ray structure and reactivity of the vinyl-terminated iron(II) clathrochelate precursors and their cage derivatives with non-equivalent capping groups. *Inorganica Chimica Acta*, **2017**, 463, 29-35	2.7	9
127	Boron Cluster Anions [B10X10]2□(X = H, Cl) in Manganese(II) Complexation with 2,2'-Bipyridyl. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2019**, 45, 295-300	1.6	9
126	New Cu4Na4- and Cu5-Based Phenylsilsesquioxanes. Synthesis via Complexation with 1,10-Phenanthroline, Structures and High Catalytic Activity in Alkane Oxidations with Peroxides in Acetonitrile. *Catalysts*, **2019**, 9, 701	4	9
125	Structural peculiarities of a homologous series of iron(II) cage complexes with ribbed glyoximate, methylglyoximate, and dimethylglyoximate chelate fragments. *Russian Chemical Bulletin*, **2013**, 62, 1858-1865	1.7	9
124	Template synthesis, structure and electropolymerization of the 2-thiopheneboron-capped cobalt(II) clathrochelates. *Inorganic Chemistry Communication*, **2013**, 29, 160-164	3.1	9
123	Influence of outer-sphere anions in europium tetrahydrofuran-2-carboxylates on the Eu3+ luminescence center, analyzed by methods of X-ray diffraction and optical spectroscopy. *Polyhedron*, **2013**, 56, 109-115	2.7	9
122	Metal-catalyzed cross-coupling reactions of iron(II) cage complexes: New furyl-containing macrobicyclic scaffold, a reactive halogenoclathrochelate precursor and its ribbed-functionalized derivatives. *Inorganic Chemistry Communication*, **2014**, 44, 134-138	3.1	9
121	Manganese Stereochemistry in the Structures of Oxygen-Containing Compounds. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2005**, 31, 737-746	1.6	9
120	Theoretical Charge Density Analysis and Nonlinear Optical Properties of Quasi-Planar 1-Aryl(hetaryl)-5-phenylpent-1-en-4-yn-3-ones. *Crystal Growth and Design*, **2016**, 16, 3859-3868	3.5	9
119	Intermolecular interactions in polymorphs of the cyclic trimeric perfluoro-ortho-phenylene mercury from geometric, energetic and AIM viewpoints: DFT study and Hirshfeld surface analysis. *Structural Chemistry*, **2016**, 27, 37-49	1.8	8
118	Silver(I) and Copper(I) Complexation with Decachloro-Closo-Decaborate Anion. *Crystals*, **2020**, 10, 389	2.3	8
117	Copper(I)-promoted halogen exchange in the iron(II) dichloroclathrochelate. *Inorganic Chemistry Communication*, **2012**, 17, 128-131	3.1	8
116	Perfluoroarylation of Iron(II) Di- and Hexaiodoclathrochelates □Synthesis, X-ray Structure, and Properties of the First Cage Complexes with Inherent Pentafluoro□phen□yl Substituent(s). *European Journal of Inorganic Chemistry*, **2013**, 2013, 3178-3184	2.3	8
115	X-ray diffraction study of Rb2[(UO2)2(CrO4)3(H2O)2] □4H2O. *Crystallography Reports*, **2010**, 55, 602-608	0.6	8
114	Coordination Properties of Hydroxyisophthalic Acids: Topological Correlations, Synthesis, Structural Analysis, and Properties of New Complexes. *Chemistry - A European Journal*, **2021**, 27, 9180-9192	4.8	8
113	Intermolecular Interactions in Crystals of the Photosensitive Coordination Compounds of Zinc(II). *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2018**, 44, 733-737	1.6	8

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