

# Andrei V Churakov

## 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.

467  
papers

5,018  
citations

31  
h-index

42  
g-index

500  
ext. papers

5,643  
ext. citations

2.4  
avg, IF

5.64  
L-index

#	Paper	IF	Citations
467	Comparison of Proton Acceptor and Proton Donor Properties of HO and HO in Organic Crystals of Drug-like Compounds: Peroxosolvates vs. Crystallohydrates.. <i>Molecules</i> , <b>2022</b> , 27,	4.8	2
466	Novel approach for the synthesis of chiral organometallic complexes [First series of lithium 2-amino-indenide ligands bearing pendant donor groups and a unique helical bent-zirconocene. <i>New Journal of Chemistry</i> , <b>2022</b> , 46, 1409-1415	3.6	0
465	Thermal method usage features for multicomponent crystal screening. <i>CrystEngComm</i> , <b>2022</b> , 24, 2280-2390	3.9	0
464	Synthesis and crystal structure of triphenyltin and lead complexes with organic peroxides. <i>Mendeleev Communications</i> , <b>2022</b> , 32, 57-59	1.9	0
463	Extending the Range of Nitrofurantoin Solid Forms: Effect of Molecular and Crystal Structure on Formation Thermodynamics and Physicochemical Properties. <i>Crystal Growth and Design</i> , <b>2022</b> , 22, 2569-2586	3.5	1
462	Crystal structure of amino acid peroxosolvates; X-ray diffraction study of norleucine peroxosolvate. <i>Russian Chemical Bulletin</i> , <b>2022</b> , 71, 283-291	1.7	0
461	A Panchromatic Cyclometalated Iridium Dye Based on 2-Thienyl-Perimidine. <i>Molecules</i> , <b>2022</b> , 27, 3201	4.8	1
460	Exploring the solid form landscape of the antifungal drug isavuconazole: crystal structure analysis, phase transformation behavior and dissolution performance. <i>CrystEngComm</i> , <b>2021</b> , 23, 8513-8526	3.3	3
459	Sodium and Potassium tert-Butyl Peroxide Hydrates: Crystal Structure and Properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2021</b> , 47, 670-678	1.6	0
458	Novel peroxosolvates of tetraalkylammonium halides: the first case of layers containing hydrogen-bonded peroxide molecules. <i>CrystEngComm</i> , <b>2021</b> , 24, 38-42	3.3	0
457	Palladium(I) Coordination Polymers with Unsaturated Dicarboxylic Acids with Stable Paramagnetic Centers. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2021</b> , 47, 707-716	1.6	0
456	Synthesis and Characterization of Coordination Compounds of Nickel(II) Carboxylates with Salicylhydrazide. Crystal Structure of [NiL <sub>3</sub> ]Pht (L is Salicylhydrazide, Pht <sup>2-</sup> is Phthalic Acid Anion). <i>Russian Journal of Inorganic Chemistry</i> , <b>2021</b> , 66, 1492-1499	1.5	0
455	Pharmaceutical Multicomponent Crystals of Antifungal Drugs with Improved Dissolution Performance. <i>Crystal Growth and Design</i> , <b>2021</b> , 21, 7285-7297	3.5	3
454	Diamidoamine Aluminum Complexes: Synthesis, Structure, Lactide and $\epsilon$ -Caprolactone Polymerization. <i>ChemistrySelect</i> , <b>2021</b> , 6, 10243-10249	1.8	0
453	Silicon Complexes Based on SS- and SS-Coordinating Tridentate Ligands. <i>Journal of Organometallic Chemistry</i> , <b>2021</b> , 122153	2.3	0
452	BENZENOID-QUINOID TAUTOMERISM OF SALICYLIDENIMINES: CRYSTAL STRUCTURES OF 5-BROMO- (HL1) AND 3-NITRO-SALICYLIDENE- (2-MORPHOLINO)ETHYLIMINE (HL2). <i>Journal of Structural Chemistry</i> , <b>2021</b> , 62, 436-442	0.9	0
451	Two Faces of Water in the Formation and Stabilization of Multicomponent Crystals of Zwitterionic Drug-Like Compounds. <i>Symmetry</i> , <b>2021</b> , 13, 425	2.7	8

450	First example of peroxosolvate of iodine-containing organic molecule. <i>Mendeleev Communications</i> , <b>2021</b> , 31, 352-355	1.9	2
449	Synthesis of 2,2,5,7-tetramethyl-1,3-diazaadamantan-6-one and study of the supramolecular structure of its monohydrate. <i>Russian Chemical Bulletin</i> , <b>2021</b> , 70, 1002-1005	1.7	1
448	First example of peroxosolvate of iodine-containing organic molecule. <i>Mendeleev Communications</i> , <b>2021</b> , 31, 352-355	1.9	
447	A Combined Experimental and Theoretical Study of Nitrofurantoin Antibiotics: Crystal Structures, DFT Computations, Sublimation and Solution Thermodynamics. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2
446	Crystal Structure of Monomeric Octahedral Monooxo d 2-Rhenium(V) Complexes [ReO( $L$ ) $_5$ ( $n$ )] with Oxygen-Containing Pentadentate-Chelate Ligands. <i>Russian Journal of Inorganic Chemistry</i> , <b>2021</b> , 66, 975-981	1.5	1
445	Structural Features of Monomeric Octahedral Monooxo d 2-Rhenium(V) Complexes [ReO( $L$ ) $_4$ ( $n$ )](Lmono) with Tetradentate Chelate (2O, 2N) Ligands Containing Oxygen and Nitrogen Atoms (Review). <i>Russian Journal of Inorganic Chemistry</i> , <b>2021</b> , 66, 42-55	1.5	1
444	A combined experimental and theoretical study of miconazole salts and cocrystals: crystal structures, DFT computations, formation thermodynamics and solubility improvement. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 12456-12470	3.6	10
443	Layered Rare Earth Hydroxides React with Formamide to Give [Ln(HCOO) $_3$ ·2(HCONH $_2$ )]. <i>Russian Journal of Inorganic Chemistry</i> , <b>2021</b> , 66, 125-132	1.5	1
442	Pharmaceutical Salts of Fenbendazole with Organic Counterions: Structural Analysis and Solubility Performance. <i>Crystal Growth and Design</i> , <b>2021</b> , 21, 4516-4530	3.5	10
441	Crystal packing features of potentially mesomorphic organic compounds; phase transitions in 4-(tetradecyloxy)phenacyl thiocyanate NCS-CH $_2$ -C(O)-C $_6$ H $_4$ -OC $_{14}$ H $_{29}$ . <i>Russian Chemical Bulletin</i> , <b>2021</b> , 70, 32-38	1.7	
440	The first amorphous and crystalline yttrium lactate: synthesis and structural features.. <i>RSC Advances</i> , <b>2021</b> , 11, 30195-30205	3.7	0
439	Formation of Spirocyclic Quaternary Ammonium Salts of N-Benzyl-1,5-Dimethyl-3,7-Diazabicyclo[3.3.1]nonan-9-ol due to Its Interaction with Terminal Dibromoalkanes. <i>Doklady Chemistry</i> , <b>2021</b> , 500, 192-198	0.8	
438	Methylaluminum complexes based on tridentate 2,6-bis(mercaptoalkyl)pyridine SNS-ligands. <i>Mendeleev Communications</i> , <b>2021</b> , 31, 847-849	1.9	2
437	Synthesis and Structures of Dioxomolybdenum(VI) Complexes with Hydrazones of $\beta$ -Dicarbonyl Compounds. Crystal Structures of Solvate Complexes $[M_2(H_2L)_2 \cdot nH_2O]$ = Isonicotinoylhydrazone Acetylacetone) and $[M_2(H_2L)_2 \cdot nH_2O]$ (H $_2$ L $_2$ = Benzoylhydrazone Acetylacetone). <i>Russian Journal of Inorganic Chemistry</i> , <b>2021</b> , 66, 1854-1859	1.5	0
436	Identification of Barium Hydroxo-Hydroperoxostannate Precursor for Low-Temperature Formation of Perovskite Barium Stannate. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 18358-18365	5.1	2
435	New Heterometallic Carboxylate Complexes of Platinum and Iron, Precursors for Nanosized Intermetallic Compound PtFe Production. <i>Russian Journal of Inorganic Chemistry</i> , <b>2020</b> , 65, 507-513	1.5	6
434	Combined X-ray Crystallographic, IR/Raman Spectroscopic, and Periodic DFT Investigations of New Multicomponent Crystalline Forms of Anthelmintic Drugs: A Case Study of Carbendazim Maleate. <i>Molecules</i> , <b>2020</b> , 25,	4.8	15
433	Ciprofloxacin salts with benzoic acid derivatives: structural aspects, solid-state properties and solubility performance. <i>CrystEngComm</i> , <b>2020</b> , 22, 4238-4249	3.3	6

432	Two routes to platinum-based carboxylate-bridged heterometallics. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 508, 119631	2.7	4
431	First Polynuclear Palladium Compounds $[(C_5H_{12}NO)(PdCl_3)]_n$ and $[(C_{10}H_{16}NO)_2(Pd_2Cl_6)]$ with High Antitumor and Radioprotective Activity. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2020</b> , 46, 339-349	1.6	2
430	Stabilization of hydrogen peroxide by hydrogen bonding in the crystal structure of 2-aminobenzimidazole perhydrate. <i>CrystEngComm</i> , <b>2020</b> , 22, 2866-2872	3.3	4
429	dl-Piperidinium-2-carboxyl-ate bis-(hydrogen peroxide): unusual hydrogen-bonded peroxide chains. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2020</b> , 76, 1331-1335	0.7	4
428	Crystalline Peroxosolvates: Nature of the Cofomer, Hydrogen-Bonded Networks and Clusters, Intermolecular Interactions. <i>Molecules</i> , <b>2020</b> , 26,	4.8	12
427	Chromium complexes bearing disubstituted organophosphate ligands and their use in ethylene polymerization. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2020</b> , 76, 93-103	0.8	
426	Reversible Phase Transition in the $MoO_2Cl_2(DME)$ Structure with the Retention of the Crystal System and Space Group. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2020</b> , 46, 812-816	1.6	0
425	Structural Features of Mononuclear Monooxo-Tantalum(V) Complexes (A Review). <i>Russian Journal of Inorganic Chemistry</i> , <b>2020</b> , 65, 1977-1984	1.5	
424	X-ray structure and DSC of mesomorphous 4-n-butyloxyphenyl-4 $\beta$ -methacryloyloxybenzoate, $CH_2=C(CH_3)-COO-C_6H_4-COO-C_6H_4-O-C_4H_9$ . <i>Molecular Crystals and Liquid Crystals</i> , <b>2020</b> , 708, 92-97	0.5	1
423	Hydroperoxo double hydrogen bonding: stabilization of hydroperoxo complexes exemplified by triphenylsilicon and triphenylgermanium hydroperoxides. <i>CrystEngComm</i> , <b>2020</b> , 22, 1922-1928	3.3	3
422	Cocrystals of Fluconazole with Aromatic Carboxylic Acids: Competition between Anhydrous and Hydrated Solid Forms. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 1218-1228	3.5	18
421	Substituted glycolides from natural sources: preparation, alcoholysis and polymerization. <i>Polymer Chemistry</i> , <b>2020</b> , 11, 6890-6902	4.9	1
420	Mesomorphism and crystal packing of dichotomous compounds; X-ray crystal structure of N-(4-hexyloxybenzylidene)-p-toluidine. <i>Russian Chemical Bulletin</i> , <b>2020</b> , 69, 1054-1060	1.7	1
419	Identification of a previously unreported co-crystal form of acetazolamide: a combination of multiple experimental and virtual screening methods. <i>Physical Chemistry Chemical Physics</i> , <b>2020</b> , 22, 20867-20879	2.6	5
418	New dialkylenetriamine zinc complexes as highly efficient ROP catalysts. <i>Mendeleev Communications</i> , <b>2020</b> , 30, 596-598	1.9	3
417	Effects of Concentration on Aggregation of BODIPY-Based Fluorescent Dyes Solution. <i>Journal of Fluorescence</i> , <b>2020</b> , 30, 1611-1621	2.4	10
416	The Structure of Monomeric Octahedral d <sup>2</sup> -Rhenium(V) Monooxo Complexes (left[ $\{\{\mathbf{ReO}\}\left(\{\{\mathbf{L}\}_{{\{\{\mathbf{tri}}\}}^m}\right)\left(\{\{\mathbf{L}\}_{{\{\{\mathbf{bi}}\}}^n}\right)\right)\right]$ ,) (left[ $\{\{\mathbf{ReO}\}\left(\{\{\mathbf{L}\}_{{\{\{\mathbf{tri}}\}}^m}\right)\right)\left(\{\{\mathbf{C}\}\left(\{\{\mathbf{i}\}_{{\{\{\mathbf{2}}\}}^2}\right)\right)\right)\right]$ ) with Oxygen Atoms of Tridentate Chelating	1.6	4
415	Unusual isomorphism in crystals of organic solvates with hydrazine and water. <i>CrystEngComm</i> , <b>2019</b> , 21, 5693-5698	3.3	2

414	Synthesis of chromium carbonyl complexes with molecular aryl polysilanes: SiSi bond rupture and formation. <i>Inorganic Chemistry Communication</i> , <b>2019</b> , 109, 107571	3.1	3
413	Crystalline Ammonium Peroxogermanate as a Waste-Free, Fully Recyclable Versatile Precursor for Germanium Compounds. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 1905-1911	5.1	5
412	Design of 4-aminobenzoic acid two-component molecular crystals: prediction and experiments. <i>CrystEngComm</i> , <b>2019</b> , 21, 2119-2129	3.3	9
411	Synthesis of methyl alkylcarboxylates by Pd/diphosphine-catalyzed methoxycarbonylation of methylenealkanes RCH <sub>2</sub> CH <sub>2</sub> C(R)=CH <sub>2</sub> . <i>Applied Catalysis A: General</i> , <b>2019</b> , 581, 123-132	5.1	6
410	Ligand metathesis in copper(I) complex [Cu <sub>2</sub> (CH <sub>3</sub> CN) <sub>4</sub> [B10H10]] to form [Cu <sub>2</sub> L <sub>4</sub> [B10H10]] (L = Ph <sub>3</sub> P, 5Nphen). <i>Polyhedron</i> , <b>2019</b> , 169, 144-150	2.7	10
409	Synthesis and Structure of New Pt(IV) Perfluorocarboxylate Complexes and Their Reactivity with Respect to Alkanes and Cycloalkanes. <i>Russian Journal of Inorganic Chemistry</i> , <b>2019</b> , 64, 49-55	1.5	1
408	Aryl Germanes as Ligands for Transition Polymetallic Complexes: Synthesis, Structure, and Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 2750-2760	2.3	5
407	Sterically hindered tetrylenes based on new 1,10-phenanthroline-containing diols: initiators for $\epsilon$ -caprolactone polymerization. <i>Russian Chemical Bulletin</i> , <b>2019</b> , 68, 380-388	1.7	8
406	The First Heterometallic Acetate-Bridged Pt(II)Pd(II) Complex: Synthesis, Structure, and Formation of Bimetallic PtPd <sub>2</sub> Nanoparticles. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2019</b> , 45, 253-265	1.6	5
405	Crystal Structure and Properties of [Co(NH <sub>3</sub> ) <sub>6</sub> ][PdCl <sub>4</sub> ]Cl. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2019</b> , 45, 215-221	1.6	
404	H <sub>2</sub> O-Catalyzed Route to Early Lanthanide Tribromide THF and DME Solvates from Oxides. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2019</b> , 645, 679-682	1.3	
403	Thiazolidine-2,4-dione in benzoylation reaction. <i>Chemistry of Heterocyclic Compounds</i> , <b>2019</b> , 55, 178-183	1.4	2
402	Supramolecular Organogels Based on -Benzyl, -Acylbispidinoles. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	8
401	Solid Forms of Ciprofloxacin Salicylate: Polymorphism, Formation Pathways, and Thermodynamic Stability. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 2979-2990	3.5	16
400	Complexation and exopolyhedral substitution of the terminal hydrogen atoms in the decahydro-closo-decaborate anion in the presence of cobalt(II). <i>Polyhedron</i> , <b>2019</b> , 162, 65-70	2.7	16
399	New diclofenac choline hydrate salt: Synthesis, characterization and solubility. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1198, 126922	3.4	3
398	Cyclic dipeptide peroxosolvates: first direct evidence for hydrogen bonding between hydrogen peroxide and a peptide backbone. <i>CrystEngComm</i> , <b>2019</b> , 21, 4961-4968	3.3	9
397	Molecular Complex of Cadmium(II) Trifluoroacetate with Triphenylphosphine: Crystal Structure and Luminescence Properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2019</b> , 45, 473-477	1.6	

396	Chromium carbonyl complexes with aryl mono- and oligogermanes: Ability for haptotropic rearrangement. <i>Journal of Organometallic Chemistry</i> , <b>2019</b> , 897, 217-227	2.3	5
395	Specific Features of Monomeric Octahedral Monooxo d <sup>2</sup> -Rhenium(V) Complexes with Oxygen Atoms of Tridentate Chelating (P,N, N) Ligands (Review). <i>Russian Journal of Inorganic Chemistry</i> , <b>2019</b> , 64, 1803-1818	1.5	2
394	Crystal structure of 4-[(1,2,5)-2-isopropyl-5-methyl-cyclo-hex-yl] 2-methyl (2,4,5)-1-[(2,3,5)-5-meth-oxy-carbonyl-2-(2-methyl-phen-yl)pyrrolidine-3-carbon-yl]-5-(2-methyl-phen-yl)pyrrolidine-2,4-di- <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2019</b> , 75, 537-539		
393	(1,2,4)-1,2,4-Tri-phenyl-cyclo-pentane-1,2-diol and (1,2,4)-4-(2-meth-oxy-phen-yl)-1,2-di-phenyl-cyclo-pentane-1,2-diol: application as initiators for ring-opening polymerization of $\gamma$ -caprolactone. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2019</b> , 75, 537-539	0.7	
392	Molecular and Inner Complex Compounds of Dioxomolybdenum(VI) with Disubstituted Salicydenealcoholimines: Crystal Structure of 1 : 1 Dioxo(3,5-Dibromosalicylidenemethanolimino)molybdenum(VI) Solvate with Methanol <i>Russian Journal of Inorganic Chemistry</i> , <b>2019</b> , 64, 1396-1404	1.6	1
391	Effect of the Nature of Haloacetic Acids on the Type of Morpholine Complexes Formed. Crystal Structure of the First Palladium Tetracarboxylate with Monocarboxylic Acid: Morpholinium Tetrakis(trifluoroacetato)palladate(II), (O(CH <sub>2</sub> CH <sub>2</sub> ) <sub>2</sub> NH <sub>2</sub> ) <sub>2</sub> [Pd(CF <sub>3</sub> COO) <sub>4</sub> ]. <i>Russian Journal of Inorganic Chemistry</i> , <b>2019</b> , 64, 1396-1404	1.6	2
390	Structural Features of Monomeric Octahedral d <sup>2</sup> -Rhenium(V) Monooxo Complexes with Oxygen Atoms of Tridentate Chelating (O,N,S) Ligands. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2019</b> , 45, 651-666	1.6	2
389	Synthesis, Crystal Structure, and Molecular Structure of Maleate Tris(Benzohydrazide) Cobalt(II) Tetrahydrate [Co(L1) <sub>3</sub> ](Mal) $\cdot$ 4H <sub>2</sub> O and Maleate Tris(Phenylacetylhydrazide) Nickel(II) Monohydrate [Ni(L2) <sub>3</sub> ](Mal) $\cdot$ H <sub>2</sub> O. <i>Russian Journal of Inorganic Chemistry</i> , <b>2019</b> , 64, 1396-1404	1.5	0
388	In(CH <sub>3</sub> COO) <sub>3</sub> : The first example of group 13 elements triacetate with an infinite chain crystal structure. <i>Polyhedron</i> , <b>2019</b> , 160, 42-45	2.7	1
387	The catalytic behavior of heterocenes activated by TIBA and MMAO under a low Al/Zr ratios in 1-octene polymerization. <i>Applied Catalysis A: General</i> , <b>2019</b> , 571, 12-24	5.1	13
386	Diversity of crystal structures and physicochemical properties of ciprofloxacin and norfloxacin salts with fumaric acid. <i>CrystEngComm</i> , <b>2018</b> , 20, 755-767	3.3	16
385	Oligothieryl catenated germanes and silanes: synthesis, structure, and properties. <i>Dalton Transactions</i> , <b>2018</b> , 47, 5431-5444	4.3	15
384	X-ray diffraction study of mesogenic 4-methoxyphenyl-4'-n-nonyloxybenzoate. <i>Molecular Crystals and Liquid Crystals</i> , <b>2018</b> , 664, 95-100	0.5	10
383	Polyphenylcyclopentadienyl Ligands as an Effective Light-Harvesting $\pi$ -Bonded Antenna for Lanthanide +3 Ions. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 10199-10213	5.1	25
382	Hydrogen Bond Donor/Acceptor Ratios of the Coformers: Do They Really Matter for the Prediction of Molecular Packing in Cocrystals? The Case of Benzamide Derivatives with Dicarboxylic Acids. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 5254-5269	3.5	11
381	Structural Features of Monomeric Octahedral Monooxo d <sup>2</sup> -Rhenium(V) Complexes with Oxygen Atoms of O,N Bidentate-Chelating Ligands (Ln): 2. [ReO(Ln)(Lmono) <sub>3</sub> ] Complexes with Six- and Seven-Membered Chelate Rings ReNC <sub>3</sub> O and ReNC <sub>4</sub> O. <i>Russian Journal of Inorganic Chemistry</i> , <b>2018</b> , 63, 1753-1758	1.5	4
380	Cocrystals of a 1,2,4-thiadiazole-based potent neuroprotector with gallic acid: solubility, thermodynamic stability relationships and formation pathways. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 14469-14481	3.6	11
379	Scandium complexes with the tetraphenylethylene and anthracene dianions. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2018</b> , 74, 769-781	0.8	4

378	5,6-Dihydrodibenzo[c,e][1,2]azaphosphinine-Based PNP Ligands, Cr(0) Coordination, and Cr(III) Precatalysts for Ethylene Oligomerization. <i>Organometallics</i> , <b>2018</b> , 37, 2660-2664	3.8	10
377	Crystal Structure of (H <sub>3</sub> O) <sub>2</sub> [(UO <sub>2</sub> ) <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> (H <sub>2</sub> O)] · 6.86H <sub>2</sub> O, a New Hydroxonium Diuranyltrisulfate Aqua Complex. <i>Russian Journal of Inorganic Chemistry</i> , <b>2018</b> , 63, 597-603	1.5	
376	Pharmaceutical salts of emoxypine with dicarboxylic acids. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2018</b> , 74, 797-806	0.8	7
375	Dinuclear neodymium and lanthanum bis(2,6-diisopropylphenyl) phosphate complexes bearing a hydroxide ligand: catalytic activity of the Nd complex in 1,3-diene polymerization. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2018</b> , 74, 673-682	0.8	8
374	Crystal structure and catalytic activity of tetra-kis-(ethyl 2,6-di-butyl-4-methyl-phenyl phosphato- $\mu$ )bis-(ethyl 2,6-di-butyl-4-methyl-phenyl phosphato- $\mu$ )dilutetium -heptane disolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2018</b> , 74, 543-547	0.7	4
373	[4-Butyl-2,6-bis-(di-phenyl-meth-yl)phenolato- $\mu$ dieth-yl(tetra-hydro-furan- $\mu$ )aluminium. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2018</b> , 74, 221-224	0.7	
372	Crystal structure of (2,2'-bi-pyridine- $\mu$ )-bis-( $\mu$ -butyl-dimethyl-sil-yloxy)- $\mu$ -dioxidomolybdenum(VI). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2018</b> , 74, 970-972	0.7	
371	[Bis(2,6-diiso-propyl-phen-yl) phosphato- $\mu$ pentakis-(methanol- $\mu$ )manganese bis-(2,6-diiso-propyl-phen-yl) phosphate methanol tris-olvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2018</b> , 74, 1433-1438	0.7	1
370	Crystal structures of mono- and binuclear neodymium diarylphosphate complexes and their catalytic activity in 1,3-diene polymerization. <i>Structural Chemistry</i> , <b>2018</b> , 29, 1475-1487	1.8	6
369	Donor-acceptor molecular oligogermanes: Novel properties and structural aspects. <i>Journal of Organometallic Chemistry</i> , <b>2018</b> , 867, 228-237	2.3	6
368	Specific features of supramolecular organisation and hydrogen bonding in proline cocrystals: a case study of fenamates and diclofenac. <i>CrystEngComm</i> , <b>2018</b> , 20, 6970-6981	3.3	21
367	Crystal structures of non-proteinogenic amino acid peroxosolvates: rare example of H-bonded hydrogen peroxide chains. <i>CrystEngComm</i> , <b>2018</b> , 20, 7413-7416	3.3	6
366	Synthesis of zirconium(III) complex by reduction of O[SiMe <sub>2</sub> ( $\mu$ -C <sub>5</sub> H <sub>4</sub> )] <sub>2</sub> ZrCl <sub>2</sub> and its selectivity in catalytic dimerization of hex-1-ene. <i>Mendeleev Communications</i> , <b>2018</b> , 28, 467-469	1.9	5
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258	Binuclear complex of silver(I) perrhenate with phthalazine: Synthesis, crystal structure, and luminescence properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2014</b> , 40, 871-874	1.6	2
257	Synthesis, structure, and catalytic activity of new aluminum complexes formed with sterically bulky ligands. <i>Russian Chemical Bulletin</i> , <b>2014</b> , 63, 2630-2634	1.7	6
256	Reaction of digermanes and related Ge-Si compounds with trifluoromethanesulfonic acid: synthesis of helpful building blocks for the preparation of Ge-Ge(Si)-catenated compounds. <i>Main Group Metal Chemistry</i> , <b>2014</b> , 37,	1.6	10
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253	Reactions of 2-cyano-3-ferrocenylacrylonitrile with malononitrile: formation of 4-ferrocenylpyridine-3,5-dicarbonitrile derivatives and sodium polymeric complexes containing carbanionic ligands. <i>Pure and Applied Chemistry</i> , <b>2014</b> , 86, 1839-1852	2.1	1

252	Reaction between uranyl dihydroxylamine and benzaldehyde. <i>Russian Journal of Inorganic Chemistry</i> , <b>2014</b> , 59, 1424-1429	1.5	3
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250	Crystal structure of a mixed-valence Ebxide Sn <sub>12</sub> cluster. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2014</b> , 70, m378-9		1
249	Complexing and ion selective properties of some acid type phosphoryl podands. The crystal and molecular structures of 1,5-bis(2-dihydroxyphosphoryl-4-ethylphenoxy)-3-oxapentane dihydrate [(HO) <sub>2</sub> (O)P(C <sub>6</sub> H <sub>3</sub> CH <sub>2</sub> CH <sub>3</sub> )(OCH <sub>2</sub> CH <sub>2</sub> ) <sub>2</sub> O (C <sub>6</sub> H <sub>3</sub> CH <sub>2</sub> CH <sub>3</sub> )P(O)(OH) <sub>2</sub> ] · 2H <sub>2</sub> O. <i>Russian Journal of Inorganic Chemistry</i> , <b>2013</b> , 58, 919-927	1.5	1
248	Carbonyl complexes of transition metals with stabilized germlyenes. <i>Journal of Organometallic Chemistry</i> , <b>2013</b> , 735, 15-25	2.3	11
247	The conditions of formation of heterometallic complexes in the GeCl <sub>4</sub> (SnCl <sub>4</sub> )-citric acid-M(CH <sub>3</sub> COO) <sub>2</sub> -H <sub>2</sub> O systems. The crystal and molecular structures of [M(H <sub>2</sub> O) <sub>6</sub> ][Ge(HCit) <sub>2</sub> ] · 4H <sub>2</sub> O (M = Mg, Mn, Co, Cu, Zn) and [M(H <sub>2</sub> O) <sub>6</sub> ][Sn(HCit) <sub>2</sub> ] · 4H <sub>2</sub> O (M = Mg, Co, Ni). <i>Russian Journal of Inorganic Chemistry</i> , <b>2013</b> , 58, 515-520	1.5	11
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244	Molecular and crystal structures of p-heptyloxyphenyl p-hexyloxybenzoate and p-butyloxyphenyl p-heptyloxybenzoate: Mesophase design. <i>Crystallography Reports</i> , <b>2013</b> , 58, 253-258	0.6	5
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240	Strategy for the synthesis of Di- and polymer tartratogermanates with single-charge cations. Crystal structures of K <sub>2</sub> [Ge <sub>2</sub> (OH) <sub>2</sub> (β-Tart) <sub>2</sub> ] · 4.5H <sub>2</sub> O and (NH <sub>4</sub> ) <sub>2n</sub> [Ge <sub>2</sub> (EO)(β-Tart) <sub>2</sub> ] · n · nMeCN · nH <sub>2</sub> O. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2013</b> , 39, 751-757	1.6	3
239	Alternating asymmetric self-induction in functionalized pyrrolidine oligomers. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 12736-40	16.4	19
238	Molybdenum(VI) complexes with N-substituted hydroxylamines. <i>Russian Journal of Inorganic Chemistry</i> , <b>2013</b> , 58, 1446-1451	1.5	5
237	Inner complex compounds of dioxomolybdenum(VI) with o-oxyazomethines, derivatives of substituted salicylaldehydes and tris(hydroxymethyl)aminomethane. crystal structures of two complexes [MoO(L)] · CH <sub>3</sub> OH; L = Z-substituted salicylalimines, Z = 3-NO <sub>2</sub> and 3-OCH <sub>3</sub> . <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2013</b> , 39, 553-559	1.6	5
236	Bromination of 6-dibromomethyl-6-methylcyclohexyl-2,4-dien-1-one. <i>Russian Journal of General Chemistry</i> , <b>2013</b> , 83, 1844-1852	0.7	2
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234	Easily accessible, hydrocarbon-soluble, crystalline, anhydrous lanthanide (Nd, La, and Y) phosphates. <i>Dalton Transactions</i> , <b>2013</b> , 42, 1223-30	4.3	23
233	Palladium ketonyl carboxylate complexes--potential models of polynuclear intermediates in olefin oxidation: formation and X-ray structure of Pd <sub>6</sub> (ECl)(2+x)(ECF <sub>3</sub> CO <sub>2</sub> ) <sub>4</sub> ( $\eta^2$ -CH <sub>2</sub> C(O)CMe <sub>3</sub> )(6-x) (x = 0, 2). <i>Dalton Transactions</i> , <b>2013</b> , 42, 1338-41	4.3	6
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229	Molecular and crystal structures of 4-acylphenyl 4'-alkyloxybenzoates. <i>Crystallography Reports</i> , <b>2013</b> , 58, 81-92	0.6	15
228	Novel Stannylenes Stabilized with Diethylenetriamido and Related Amido Ligands: Synthesis, Structure, and Chemical Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2013</b> , 639, 502-511	1.3	19
227	Reaction of 2,8-Bis(o-hydroxyaryl)quinolines with Group 4 Metal Alkyls Resulting in Three Distinct Coordination Modes of the Tridentate Ligand. X-ray Structure of Complexes and Performance as Precursors in Ethylene Polymerization Catalysis. <i>Organometallics</i> , <b>2013</b> , 32, 2685-2692	3.8	8
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225	Crystal structures of pyridinemonocarboxylic acid peroxosolvates. <i>Russian Chemical Bulletin</i> , <b>2013</b> , 62, 1871-1876	1.7	6
224	{2,2'-[Ethane-1,2-diylbis(nitrilo-methanylyl-idene)]diphenolato}(iso-propano-lato)aluminium di-chloro-methane hemisolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2013</b> , 69, m631-2		3
223	(1SR,3RS,3aSR,6aRS)-Methyl 5-methyl-4,6-dioxo-3-[2-(trifluoro-meth-yl)phen-yl]octa-hydro-pyrrolo-[3,4-c]pyrrole-1-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2013</b> , 69, o161-2		
222	Di- $\mu$ -xido-bis-({2,2'-[ethane-1,2-diylbis(nitrilo-methanylyl-idene)]diphenolato}titanium(IV)) chloro-form disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2013</b> , 69, m626-7		2
221	2-(1H-Imidazol-1-yl)-4-[3-(trifluoro-meth-yl)phen-yl]-1,3-thia-zole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2013</b> , 69, o238		1
220	Di- $\mu$ -xido-bis-({2,2'-[ethane-1,2-diylbis(nitrilo-methanylyl-idene)]diphen-olato}titanium(IV)) chloro-form disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2013</b> , 69, m635-6		1
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218	Asymmetric synthesis and absolute configuration of a planar chiral phosphapalladacycle with a ferrocenyl framework. <i>Polyhedron</i> , <b>2012</b> , 31, 37-43	2.7	9
217	Crystal and molecular structure and ion selective and complexing properties of 1,5-bis[2-(dioxophosphoryl-4-methoxy)phenoxy]-3-oxapentane dihydrate [(OH) <sub>2</sub> (O)P(C <sub>6</sub> H <sub>3</sub> OCH <sub>3</sub> )(OCH <sub>2</sub> CH <sub>2</sub> ) <sub>2</sub> O(C <sub>6</sub> H <sub>4</sub> OCH <sub>3</sub> )P(O)(OH) <sub>2</sub> ] $\cdot$ 2H <sub>2</sub> O. <i>Russian Journal of Inorganic Chemistry</i> , <b>2012</b> , 57, 802-810	1.5	1

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215	Mesophase design: II. Molecular structure and crystal packing of 4-alkyloxycyanobiphenyls. <i>Crystallography Reports</i> , <b>2012</b> , 57, 213-226	0.6	14
214	Tin(ii) Hexafluoroacetylacetonate as a Precursor in Atmospheric Pressure Chemical Vapour Deposition: Synthesis, Structure and Properties. <i>Mendeleev Communications</i> , <b>2012</b> , 22, 239-241	1.9	6
213	4-[(1RS,5RS,7SR)-5-Methyl-2,4-dioxo-3,6-diaza-bicyclo-[3.2.1]octan-7-yl]benzotrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o1718		2
212	syn-3-(4-Chloro-benz-yl)-1,5-dimethyl-3,7-diaza-bicyclo-[3.3.1]nonan-9-ol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o2373		1
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207	Stabilized germylenes based on dialkanolamines: Synthesis, structure, chemical properties. <i>Journal of Organometallic Chemistry</i> , <b>2012</b> , 706-707, 66-83	2.3	19
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176	Design of small-molecule thrombin inhibitors based on the cis-5-phenylproline scaffold. <i>Russian Chemical Bulletin</i> , <b>2011</b> , 60, 685-693	1.7	6
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174	Hexadecahydrotetrabenzo[a,c,d,f]fluorene ligand, available by Friedel-Crafts fluorene cycloalkylation. Synthesis, crystal and molecular structure of (B-C <sub>29</sub> H <sub>34</sub> )(B-C <sub>5</sub> H <sub>5</sub> )ZrCl <sub>2</sub> . <i>Journal of Organometallic Chemistry</i> , <b>2011</b> , 696, 1931-1934	2.3	5
173	Palladium nitrosyl carboxylate clusters: Synthesis and reactivity. X-ray structures of Pd <sub>4</sub> (ECO) <sub>2</sub> (NO)(RCO <sub>2</sub> ) <sub>5</sub> (R = iPr, iBu). <i>Journal of Organometallic Chemistry</i> , <b>2011</b> , 696, 2023-2029	2.3	9
172	First enantiopure phosphapalladacycle with a palladium bonded stereogenic carbon as the sole chirality source. <i>Polyhedron</i> , <b>2011</b> , 30, 27-32	2.7	9
171	Bis[5-(4-bromo-phen-yl)-4-(tert-but-oxy-carbon-yl)pyrrolidine-2-carboxyl-ato]copper(II) dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, m1623		
170	2-[(1RS,3RS,3aRS,6aSR)-5-Benzyl-4,6-dioxo-3-phenyl-octa-hydro-pyrrolo-[3,4-c]pyrrol-1-yl]acetamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o3186		1
169	Trichlorido{2-[2-(Bcyclo-penta-dien-yl)-2-methyl-prop-yl]-1-trimethyl-silyl-1H-imidazole-B}titanium(IV) tetra-hydro-furan hemisolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, m546-7		3
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165	Uranyl complexes with 1,2-cycloheptanedione dioxime. <i>Russian Journal of Inorganic Chemistry</i> , <b>2010</b> , 55, 1546-1551	1.5	2
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159	Preparation of pure hydrogen peroxide and anhydrous peroxide solutions from crystalline serine perhydrate. <i>Tetrahedron</i> , <b>2010</b> , 66, 5130-5133	2.4	21
158	New 1,3-disubstituted side-chain functionalized indenyl ligands and zirconium complexes derived from them. <i>Russian Chemical Bulletin</i> , <b>2010</b> , 59, 329-336	1.7	1
157	The substitution of arene by alkenes in linear trinuclear palladium complex Pd <sub>3</sub> (NO) <sub>2</sub> (ECF <sub>3</sub> CO <sub>2</sub> ) <sub>4</sub> ( $\eta$ -C <sub>6</sub> H <sub>5</sub> CH <sub>3</sub> ) <sub>2</sub> . X-ray structure of Pd <sub>3</sub> (NO) <sub>2</sub> (ECF <sub>3</sub> CO <sub>2</sub> ) <sub>4</sub> ( $\eta$ -CH <sub>2</sub> CHPh) <sub>2</sub> and Pd <sub>4</sub> (NO) <sub>2</sub> (ECF <sub>3</sub> CO <sub>2</sub> ) <sub>4</sub> ( $\eta$ -CH <sub>2</sub> CHPh) <sub>4</sub> . <i>Journal of Organometallic Chemistry</i> , <b>2010</b> , 695, 2083-2088	2.3	7
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154	Crystal packing in the structures of diethanolamine derivatives. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2009</b> , 65, o587-92		2
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151	Novel germylenes and stannylenes based on pyridine-containing dialcohol ligands. <i>Journal of Organometallic Chemistry</i> , <b>2009</b> , 694, 3828-3832	2.3	27
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