Victor Khrustalev

List of Publications by Citations

664 papers	6,288 citations	34 h-index	55 g-index
777 ext. papers	7,335 ext. citations	2.7 avg, IF	5.91 L-index

#	Paper	IF	Citations
664	The Asymmetric Addition of Trimethylsilyl Cyanide to Aldehydes Catalyzed by Chiral (Salen)Titanium Complexes. *Journal of the American Chemical Society*, **1999**, 121, 3968-3973	16.4	235
663	New approach for size- and shape-controlled preparation of Pd nanoparticles with organic ligands. Synthesis and application in catalysis. *Journal of the American Chemical Society*, **2007**, 129, 7252-3	16.4	123
662	Anion-induced synthesis and combinatorial selection of polypyrrolic macrocycles. *Angewandte Chemie - International Edition*, **2005**, 44, 7386-90	16.4	112
661	Catalytic Asymmetric Synthesis of O-Acetylcyanohydrins from Potassium Cyanide, Acetic Anhydride, and Aldehydes, Promoted by Chiral Salen Complexes of Titanium(IV) and Vanadium(V). *Helvetica Chimica Acta*, **2002**, 85, 3301-3312	2	104
660	Fine tuning the anion binding properties of 2,6-diamidopyridine dipyrromethane hybrid macrocycles. *Journal of the American Chemical Society*, **2005**, 127, 11442-6	16.4	101
659	A New Mode of Operation of Pd-NHC Systems Studied in a Catalytic Mizoroki□Heck Reaction. *Organometallics*, **2017**, 36, 1981-1992	3.8	97
658	Crystal Structure of DMF-Intermediate Phases Uncovers the Link Between CH3NH3PbI3 Morphology and Precursor Stoichiometry. *Journal of Physical Chemistry C*, **2017**, 121, 20739-20743	3.8	92
657	Catalytic adaptive recognition of thiol (SH) and selenol (SeH) groups toward synthesis of functionalized vinyl monomers. *Journal of the American Chemical Society*, **2012**, 134, 6637-49	16.4	84
656	New Catalytic System for S□H and Se□H Bond Addition to Alkynes Based on Phosphite Ligands. *Organometallics*, **2005**, 24, 1275-1283	3.8	79
655	Expanded ring diaminocarbene palladium complexes: synthesis, structure, and Suzuki-Miyaura cross-coupling of heteroaryl chlorides in water. *Dalton Transactions*, **2013**, 42, 6859-66	4.3	77
654	Six- and seven-membered ring carbenes: Rational synthesis of amidinium salts, generation of carbenes, synthesis of Ag(I) and Cu(I) complexes. *Journal of Organometallic Chemistry*, **2009**, 694, 2454-2462	2.3	77
653	Bipyrrole- and dipyrromethane-based amido-imine hybrid macrocycles. New receptors for oxoanions. *Journal of Organic Chemistry*, **2007**, 72, 2886-96	4.2	76
652	Synthetic model of the phosphate binding protein: solid-state structure and solution-phase anion binding properties of a large oligopyrrolic macrocycle. *Journal of Organic Chemistry*, **2007**, 72, 7244-52	4.2	71
651	New Stable Germylenes, Stannylenes, and Related Compounds. 1. Stable Germanium(II) and Tin(II) Compounds M(OCH2CH2NMe2)2 (M = Ge, Sn) with Intramolecular Coordination Metal□Nitrogen Bonds. Synthesis and Structure. *Organometallics*, **2003**, 22, 1675-1681	3.8	71
650	Isolation and crystal structures of two singlet bis(triarylamine) dications with nonquinoidal geometries. *Journal of the American Chemical Society*, **2006**, 128, 1812-7	16.4	70
649	Solution Processing of Methylammonium Lead Iodide Perovskite from □Butyrolactone: Crystallization Mediated by Solvation Equilibrium. *Chemistry of Materials*, **2018**, 30, 5237-5244	9.6	67
648	Remarkable ligand effect in Ni- and Pd-catalyzed bisthiolation and bisselenation of terminal alkynes: solving the problem of stereoselective dialkyldichalcogenide addition to the C triple chemical bond C Bond. *Chemistry - A European Journal*, **2008**, 14, 2420-34	4.8	66

647	Concise approach toward tetrazolo[1,5-a][1,4]benzodiazepines via a novel multicomponent isocyanide-based condensation. *Organic Letters*, **2010**, 12, 3894-7	6.2	59
646	Two distinct mechanisms of alkyne insertion into the metal-sulfur bond: combined experimental and theoretical study and application in catalysis. *Chemistry - A European Journal*, **2010**, 16, 2063-71	4.8	59
645	Tuning the Molecular and Cationic Affinity in a Series of Multifunctional Metal-Organic Frameworks Based on Dodecanuclear Zn(II) Carboxylate Wheels. *Journal of the American Chemical Society*, **2019**, 141, 17260-17269	16.4	57
644	Cytotoxic Activity of Salicylic Acid-Containing Drug Models with Ionic and Covalent Binding. *ACS Medicinal Chemistry Letters*, **2015**, 6, 1099-104	4.3	53
643	Expanded-ring N-heterocyclic carbenes efficiently stabilize gold(I) cations, leading to high activity in □acid-catalyzed cyclizations. *Chemistry - A European Journal*, **2014**, 20, 6162-70	4.8	53
642	A mixed-valence bis(diarylamino)stilbene: crystal structure and comparison of electronic coupling with biphenyl and tolane analogues. *Chemical Communications*, **2005**, 764-6	5.8	49
641	New chiral NiII complexes of Schiff□ bases of glycine and alanine for efficient asymmetric synthesis of □-amino acids. *Tetrahedron: Asymmetry*, **2006**, 17, 455-467		45
640	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
639	Pd-NHC Catalytic System for the Efficient Atom-Economic Synthesis of Vinyl Sulfides from Tertiary, Secondary, or Primary Thiols. *ACS Catalysis*, **2015**, 5, 7208-7213	13.1	44
638	Pd and Pt Catalyst Poisoning in the Study of Reaction Mechanisms: What Does the Mercury Test Mean for Catalysis?. *ACS Catalysis*, **2019**, 9, 2984-2995	13.1	43
637	A new approach to construction of isoindolo[1,2-a]isoquinoline alkaloids Nuevamine, Jamtine, and Hirsutine via IMDAF reaction. *Tetrahedron*, **2009**, 65, 3789-3803	2.4	39
636	New Stable Germylenes, Stannylenes, and Related Compounds. 3. Stable Monomers XGeOCH2CH2NMe2 (X = Cl, OCOMe) with Only One Intramolecular Coordination Metal□Nitrogen Bond: Synthesis and Structure. *Organometallics*, **2003**, 22, 5441-5446	3.8	39
635	Facile Hydrolysis of Nickel(II) Complexes with N-Heterocyclic Carbene Ligands. *Organometallics*, **2015**, 34, 5759-5766	3.8	38
634	High-Throughput Small-Molecule Crystallography at the Belok□Beamline of the Kurchatov Synchrotron Radiation Source: Transition Metal Complexes with Azomethine Ligands as a Case Study. *Crystals*, **2017**, 7, 325	2.3	36
633	Synthesis and anion binding properties of 2,5-diamidothiophene polypyrrole Schiff base macrocycles. *Organic Letters*, **2005**, 7, 5277-80	6.2	36
632	Fast and Slow Release of Catalytically Active Species in Metal/NHC Systems Induced by Aliphatic Amines. *Organometallics*, **2018**, 37, 1483-1492	3.8	35
631	Eight-membered-ring diaminocarbenes bearing naphthalene moiety in the backbone: DFT studies, synthesis of amidinium salts, generation of free carbene, metal complexes, and solvent-free copper catalyzed azide-alkyne cycloaddition (CuAAC) reaction. *Dalton Transactions*, **2017**, 46, 4331-4345	4.3	34
630	General synthetic approach towards annelated 3a,6-epoxyisoindoles by tandem acylation/IMDAF reaction of furylazaheterocycles. Scope and limitations. *Tetrahedron*, **2014**, 70, 1659-1690	2.4	33

629	High Catalytic Activity of Heterometallic (Fe6Na7 and Fe6Na6) Cage Silsesquioxanes in Oxidations with Peroxides. *Catalysts*, **2017**, 7, 101	4	32
628	Copper-Catalyzed Transformation of Hydrazones into Halogenated Azabutadienes, Versatile Building Blocks for Organic Synthesis. *ACS Catalysis*, **2017**, 7, 205-209	13.1	31
627	Cage-like Fe,Na-Germsesquioxanes: Structure, Magnetism, and Catalytic Activity. *Angewandte Chemie - International Edition*, **2016**, 55, 15360-15363	16.4	31
626	Skeletal Wagner–Meerwein rearrangement of perhydro-3a,6;4,5-diepoxyisoindoles. *Tetrahedron*, **2011**, 67, 9148-9163	2.4	31
625	Catalyst Leaching as an Efficient Tool for Constructing New Catalytic Reactions: Application to the Synthesis of Cyclic Vinyl Sulfides and Vinyl Selenides. *European Journal of Inorganic Chemistry*, **2009**, 2009, 1149-1161	2.3	31
624	Divalent silicon, germanium, and tin compounds with element--heteroatom bonds. *Russian Chemical Bulletin*, **2004**, 53, 980-1006	1.7	31
623	Productive Asymmetric Synthesis of All Four Diastereomers of 3-(trans-2-Nitrocyclopropyl)alanine from Glycine with (S)- or (R)-2-[(N-Benzylprolyl)amino]benzophenone as a Reusable Chiral Auxiliary. *European Journal of Organic Chemistry*, **2003**, 2003, 869-877	3.2	30
622	C-H-Activated Direct Arylation of Strong Benzothiadiazole and Quinoxaline-Based Electron Acceptors. *Journal of Organic Chemistry*, **2016**, 81, 360-70	4.2	29
621	Reaction of β-bromo enones with 1,2-diamines. Cascade assembly of 3-(trifluoromethyl)piperazin-2-ones via rearrangement. *Organic Letters*, **2013**, 15, 2726-9	6.2	29
620	Anion-Induced Synthesis and Combinatorial Selection of Polypyrrolic Macrocycles. *Angewandte Chemie*, **2005**, 117, 7552-7556	3.6	29
619	SiCuN Cage Hexacoppersilsesquioxanes Containing N Ligands: Synthesis, Structure, and High Catalytic Activity in Peroxide Oxidations. *Inorganic Chemistry*, **2017**, 56, 15026-15040	5.1	28
618	Dual reactivity of N-heterocyclic carbenes towards copper(II) salts. *Dalton Transactions*, **2011**, 40, 3074-6	4.3	28
617	New stable germylenes, stannylenes, and related compounds. 5. Germanium(II) and tin(II) azides [N3-E14-OCH2CH2NMe2]2 (E14=Ge, Sn): synthesis and structure. *Journal of Organometallic Chemistry*, **2005**, 690, 1056-1062	2.3	28
616	New stable germylenes, stannylenes, and related compounds: 6. Heteroleptic germanium(II) and tin(II) compounds [(SiMe3)2N-E14-OCH2CH2NMe2]n (E14 = Ge, n = 1; Sn, n = 2): synthesis and structure. *Journal of Organometallic Chemistry*, **2005**, 690, 1172-1177	2.3	28
615	Formamidinium iodide: crystal structure and phase transitions. *Acta Crystallographica Section E: Crystallographic Communications*, **2017**, 73, 569-572	0.7	27
614	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
613	Synthesis, characterization and structure-activity relationship of novel N-phosphorylated E,E-3,5-bis(thienylidene)piperid-4-ones. *European Journal of Medicinal Chemistry*, **2010**, 45, 992-1000	6.8	27
612	Mild and Regioselective Hydroxylation of Methyl Group in Neocuproine: Approach to an N,O-Ligated Cu6 Cage Phenylsilsesquioxane. *Organometallics*, **2018**, 37, 168-171	3.8	26

611	Oxidative dehydrodimerization of rhenium vinylidene complex (η5-C5H5)(CO)2ReCC(H)Ph: two competitive routes of coupling of β-phenylethynyl intermediate [(η5-C5H5)(CO)2ReCCPh]. X-ray structures of rhenium mononuclear (η5-C5H5)(CO)2ReCC(H)Ph and binuclear [(η5-C5H5)(CO)2Re]2(μ2-CC(Ph)CCPh) vinylidene compounds. *Journal of Organometallic Chemistry*,	2.3	26
610	When Applying the Mercury Poisoning Test to Palladacycle-Catalyzed Reactions, One Should Not Consider the Common Misconception of Mercury(0) Selectivity. *Organometallics*, **2018**, 37, 2842-2858	3.8	25
609	Homo- and heterometallic luminescent 2-D stilbene metal-organic frameworks. *Dalton Transactions* , **2014**, 43, 2925-35	4.3	25
608	Binuclear cobalt complex with Schiff base ligand: Synthesis, characterization and catalytic properties in partial oxidation of cyclohexane. *Inorganica Chimica Acta*, **2012**, 392, 221-228	2.7	25
607	Microwave-assisted Synthesis of Diaryl Selenides. Elucidation of Cu(I)-catalyzed Reaction Mechanism. *Chemistry Letters*, **2010**, 39, 720-722	1.7	25
606	The Combination of Diallylboration and Ring-Closing Metathesis in the Synthesis of Spiro-β-Amino Alcohols and (±)-Cephalotaxine. *European Journal of Organic Chemistry*, **2008**, 2008, 5647-5655	3.2	25
605	Ionic Pd/NHC Catalytic System Enables Recoverable Homogeneous Catalysis: Mechanistic Study and Application in the Mizoroki-Heck Reaction. *Chemistry - A European Journal*, **2019**, 25, 16564	4.8	24
604	Aerogel–copper nanocomposites prepared using the adsorption of a polyfluorinated complex from supercritical CO2. *Journal of Nanoparticle Research*, **2012**, 14, 1	2.3	24
603	Elaboration of a novel type of planar-chiral methylene bridged biphenols based on [2.2]paracyclophanes. *Tetrahedron: Asymmetry*, **2000**, 11, 2683-2693		24
602	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
601	Novel titanium(iv) complexes with 2,4-di-tert-butyl-6-(1,1,1,3,3,3-hexafluoro-2-hydroxypropan-2-yl)phenol in ethene polymerization. *Russian Chemical Bulletin*, **2011**, 60, 2227-2235	1.7	23
600	The first example of an intramolecular Diels–Alder furan (IMDAF) reaction of iminium salts and its application in a short and simple synthesis of the isoindolo[1,2-a]isoquinoline core of the jamtine and hirsutine alkaloids. *Tetrahedron Letters*, **2010**, 51, 6822-6824	2	23
599	Metal-organic frameworks based on octafluorobiphenyl-4,4'-dicarboxylate: synthesis, crystal structure, and surface functionality. *Dalton Transactions*, **2018**, 47, 3283-3297	4.3	22
598	Guanidinium-Based Artificial Receptors for Binding Orthophosphate in Aqueous Solution. *European Journal of Organic Chemistry*, **2014**, 2014, 2747-2753	3.2	22
597	Can Sn(OCH2CH2NMe2)2 behave as a stannylene? Equatorial-axial isomerism in the tin(II)-iron(0) complex (Me2NCH2CH2O)2Sn-Fe(CO)4. *Dalton Transactions*, **2007**, 3489-92	4.3	22
596	Hydrohydrazination of Arylalkynes Catalyzed by an Expanded Ring N-Heterocyclic Carbene (er-NHC) Gold Complex Under Solvent-Free Conditions. *Advanced Synthesis and Catalysis*, **2016**, 358, 1463-1468	5.6	22
595	A Straightforward Approach to Tetrahydroindolo[3,2-b]carbazoles and 1-Indolyltetrahydrocarbazoles through [3+3] Cyclodimerization of Indole-Derived Cyclopropanes. *Chemistry - A European Journal*, **2016**, 22, 1223-7	4.8	22
594	Family of penta- and hexanuclear metallasilsesquioxanes: Synthesis, structure and catalytic properties in oxidations. *Journal of Organometallic Chemistry*, **2018**, 867, 133-141	2.3	21

593	New subvalent bismuth telluroiodides incorporating Bi2 layers: the crystal and electronic structure of Bi2TeI. *Russian Chemical Bulletin*, **2005**, 54, 87-92	1.7	21
592	Oxidative dehydrodimerization of manganese phenylvinylidene complex (η5-C5H5)(CO)2Mn?C?C(H)Ph. X-ray structure of phenyl(trityl)vinylidene complex (η5-C5H5)(CO)2Mn?C?C(CPh3)Ph. *Journal of Organometallic Chemistry*, **2001**, 631, 47-53	2.3	21
591	Heptanuclear FeCu-Phenylgermsesquioxane containing 2,2'-Bipyridine: Synthesis, Structure, and Catalytic Activity in Oxidation of C-H Compounds. *Inorganic Chemistry*, **2018**, 57, 528-534	5.1	21
590	Heptanuclear Cage CuII-Silsesquioxanes: Synthesis, Structure and Catalytic Activity. *European Journal of Inorganic Chemistry*, **2018**, 2018, 2505-2511	2.3	20
589	Regioselective synthesis of 3,4-diaryl-5-unsubstituted isoxazoles, analogues of natural cytostatic combretastatin A4. *European Journal of Medicinal Chemistry*, **2018**, 146, 511-518	6.8	20
588	Oxidative Coupling of Anionic Abnormal N-Heterocyclic Carbenes: Efficient Access to Janus-Type 4,4'-Bis(2H-imidazol-2-ylidene)s. *Angewandte Chemie - International Edition*, **2018**, 57, 7986-7991	16.4	20
587	Synthesis of Bridged Azabicycles from Pyridines and Pyrrole by a Diallylboration □Ring Closing Metathesis Sequence. *European Journal of Organic Chemistry*, **2006**, 2006, 113-120	3.2	20
586	Donor-Stabilized Germyl Cations. Stable Pentacoordinate Germanium Chloride [PhGe(OCH2CH2NMe2)2][Cl]. *Organometallics*, **2006**, 25, 2501-2504	3.8	20
585	Synthesis, Crystal Structure and Electronic Structure of Modulated Pd7-δSnTe2. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2005**, 631, 293-301	1.3	20
584	Facile Incorporation of Pd(PPh3)2Hal Substituents into Polymethines, Merocyanines, and Perylene Diimides as a Means of Suppressing Intermolecular Interactions. *Journal of the American Chemical Society*, **2016**, 138, 10112-5	16.4	20
583	Diels-Alder reactions between hexafluoro-2-butyne and bis-furyl dienes: kinetic versus thermodynamic control. *Chemical Communications*, **2018**, 54, 2850-2853	5.8	19
582	Methylenebisphosphonates with dienone pharmacophore: synthesis, structure, antitumor and fluorescent properties. *Archiv Der Pharmazie*, **2012**, 345, 349-59	4.3	19
581	Synthesis of dibenzopiperidinoaza-14-crown-4 ethers and their one-step conversion into dibenzo-16-crown-3. *Mendeleev Communications*, **2006**, 16, 35-36	1.9	19
580	Oxidative Activation of the Manganese Bis-vinylidene Complexes [(η5-C5R5)(CO)2MnCCPh]2 (R = H, Me) toward Addition of Nucleophiles. *Organometallics*, **2003**, 22, 5491-5497	3.8	19
579	Synthesis of a New Family of 1,1-Diazidoethenes: One-Pot Construction of 4-Azido-1,2,3-triazoles via Nitrene Cyclization. *Organic Letters*, **2018**, 20, 7803-7806	6.2	19
578	Diastereoselectivity of Azido-Ugi Reaction with Secondary Amines. Stereoselective Synthesis of Tetrazole Derivatives. *Journal of Organic Chemistry*, **2017**, 82, 6100-6107	4.2	18
577	Vanadium (V) and titanium (IV) compounds with 2-[hydroxy(diaryl)methyl]-8-hydroxyquinolines: Synthesis, structure and catalytic behaviors to olefin polymerization. *European Polymer Journal*, **2017**, 87, 266-276	5.2	18
576	Hybrid Macrocycles for Selective Binding and Sensing of Fluoride in Aqueous Solution. *Journal of Organic Chemistry*, **2018**, 83, 2145-2153	4.2	18

575	Halogen bonding in Wagner-Meerwein rearrangement products. *Journal of Molecular Liquids*, **2018**, 249, 949-952	6	18
574	Synthesis, characterization and cation-induced dimerization of new aza-crown ether-appended metalloporphyrins. *Dalton Transactions*, **2012**, 41, 7624-36	4.3	18
573	Photo-thermal haptotropism in cyclopentadienylcobalt complexes of linear phenylenes: intercyclobutadiene metal migration. *Angewandte Chemie - International Edition*, **2009**, 48, 9853-7	16.4	18
572	Expanding sapphyrin: towards selective phosphate binding. *Chemistry - A European Journal*, **2008**, 14, 9065-73	4.8	18
571	Influence of ligands peripheral substituents on the structure, magnetochemical and electrochemical behaviour of complexes containing a Cu2O2 butterfly core. *Inorganica Chimica Acta* , **2008**, 361, 2032-2044	2.7	18
570	Halo-substituted (S)-N-(2-benzoylphenyl)-1-benzylpyrolidine-2-carboxamides as new chiral auxiliaries for the asymmetric synthesis of (S)- -amino acids. *Russian Chemical Bulletin*, **2002**, 51, 1593-1599	1.7	18
569	Ultrasound-assisted catalyst-free thiol-yne click reaction in chitosan chemistry: Antibacterial and transfection activity of novel cationic chitosan derivatives and their based nanoparticles. *International Journal of Biological Macromolecules*, **2020**, 143, 143-152	7.9	18
568	Silicon and Germanium-Based Sesquioxanes as Versatile Building Blocks for Cage Metallacomplexes. A Review. *Journal of Cluster Science*, **2019**, 30, 1283-1316	3	17
567	From Cyclic CF3-ketimines to a Family of Trifluoromethylated Nazlinine and Trypargine Analogues. *Organic Letters*, **2016**, 18, 4494-7	6.2	17
566	Tridecanuclear CuII11Na2 Cagelike Silsesquioxanes. *Crystal Growth and Design*, **2018**, 18, 5377-5384	3.5	17
565	EPR, the X-ray Structure and DFT Calculations of the Nitroxide Biradical with One Acetylene Group in the Bridge. *Applied Magnetic Resonance*, **2014**, 45, 981-992	0.8	17
564	Highly flexible molecule "Chameleon": reversible thermochromism and phase transitions in solid copper(II) diiminate Cu[CF3-C(NH)-CF?C(NH)-CF3]2. *Inorganic Chemistry*, **2012**, 51, 10590-602	5.1	17
563	Evidence on palladacycle-retaining pathway for Suzuki coupling. Inapplicability of Hg-drop test for palladacycle catalysed reactions. *Journal of Organometallic Chemistry*, **2013**, 737, 59-63	2.3	17
562	Macrocyclic receptor for pertechnetate and perrhenate anions. *Organic and Biomolecular Chemistry*, **2011**, 9, 7358-64	3.9	17
561	A novel multi-component approach to the synthesis of pyrrolo[2,1-a]isoquinoline derivatives. *RSC Advances*, **2016**, 6, 74068-74071	3.7	17
560	Synthesis, structure, photo- and electroluminescent properties of bis{(4-methyl-N-[2-[(E)-2-pyridyliminomethyl]phenyl)]benzenesulfonamide}zinc(II). *Polyhedron*, **2017**, 133, 231-237	2.7	16
559	Hexacoppergermsesquioxanes as complexes with N-ligands: Synthesis, structure and catalytic properties. *Journal of Organometallic Chemistry*, **2019**, 884, 17-28	2.3	16
558	Palanquin-Like Cu4Na4 Silsesquioxane Synthesis (via Oxidation of 1,1-bis(Diphenylphosphino)methane), Structure and Catalytic Activity in Alkane or Alcohol Oxidation with Peroxides. *Catalysts*, **2019**, 9, 154	4	16

557	Halogenated Diazabutadiene Dyes: Synthesis, Structures, Supramolecular Features, and Theoretical Studies. *Molecules*, **2020**, 25,	4.8	16
556	Novel heterocyclic chitosan derivatives and their derived nanoparticles: Catalytic and antibacterial properties. *International Journal of Biological Macromolecules*, **2020**, 149, 682-692	7.9	16
555	Pd-PEPPSI complexes based on 1,2,4-triazol-3-ylidene ligands as efficient catalysts in the Suzuki Miyaura reaction. *Russian Chemical Bulletin*, **2018**, 67, 79-84	1.7	16
554	Four hydroxyls are better than two. The use of a chiral lithium salt of 3,3?-bis-methanol-2,2?-binaphthol as a multifunctional catalyst of enantioselective Michael addition reactions. *Tetrahedron: Asymmetry*, **2011**, 22, 167-172		16
553	Rapid asymmetric synthesis of amino acids via NiII complexes based on new fluorine containing chiral auxiliaries. *Tetrahedron: Asymmetry*, **2010**, 21, 2956-2965		16
552	FA2PbBr4: Synthesis, Structure, and Unusual Optical Properties of Two Polymorphs of Formamidinium-Based Layered (110) Hybrid Perovskite. *Chemistry of Materials*, **2021**, 33, 1900-1907	9.6	16
551	Synthesis of macrocyclic peptidomimetics via the Ugi-click-strategy. *Organic and Biomolecular Chemistry*, **2019**, 17, 3433-3445	3.9	15
550	The impact of alicyclic substituents on the extraction ability of new family of 1,10-phenanthroline-2,9-diamides.. *RSC Advances*, **2020**, 10, 26022-26033	3.7	15
549	Hydrolysis of Mg(BH4)2 and its coordination compounds as a way to obtain hydrogen. *Journal of Power Sources*, **2018**, 377, 93-102	8.9	15
548	3-(5-)-Amino-o-diarylisoxazoles: regioselective synthesis and antitubulin activity. *European Journal of Medicinal Chemistry*, **2014**, 73, 112-25	6.8	15
547	A New Method of Synthesis of 6-Substituted Piperidine-2,4-diones from Homoallylamines. *European Journal of Organic Chemistry*, **2012**, 2012, 334-344	3.2	15
546	Single-stage synthesis of 3-amino-1,2-dicyano-4,6-diazabicyclo[3,2,1]oct-2-en-7-ones from □,□,□-tetracyanoalkanones. *Mendeleev Communications*, **1997**, 7, 112-113	1.9	15
545	Ate complexes of Ge(II) and Sn(II) with bidentate ligands [LiE14(OCH2CH2NMe2)3]2 (E14=Ge, Sn): synthesis and structure. *Journal of Organometallic Chemistry*, **2004**, 689, 478-483	2.3	15
544	Polymorphism and design of noncentrosymmetric crystals of 4-hydroxybenzaldehyde-4-nitrophenylhydrazone and N?-(2-phenyl-1H-indole-3-aldehyde)-4-nitrophenylhydrazone. *Crystallography Reports*, **2003**, 48, 594-601	0.6	15
543	Carboxylic Group-Assisted Proton Transfer in Gold-Mediated Thiolation of Alkynes. *Organometallics* , **2015**, 34, 5214-5224	3.8	14
542	Synthesis and characterization of a series of novel metal complexes of N-heterocyclic azo-colorants derived from 4-azo-pyrazol-5-one. *Polyhedron*, **2017**, 121, 41-52	2.7	14
541	Protic Ionic Liquid as Reagent, Catalyst, and Solvent: 1-Methylimidazolium Thiocyanate. *Angewandte Chemie - International Edition*, **2021**, 60, 7927-7934	16.4	14
540	Enantioselective synthesis of □-perfluoroalkylated prolines, their 6,7-membered homologues and derivatives. *Organic and Biomolecular Chemistry*, **2018**, 16, 7004-7011	3.9	14

539	A facile synthesis of 1-oxo-pyrrolo[2,1-a]isoquinolines. *Tetrahedron Letters*, **2017**, 58, 877-879	2	13
538	High-Nuclearity (Cu8-Based) Cage Silsesquioxanes: Synthesis and Structural Study. *Crystal Growth and Design*, **2018**, 18, 2452-2457	3.5	13
537	Positional Effects from Bonded Platinum(II) on Intersystem Crossing Rates in Perylenediimide Complexes: Synthesis, Structures, and Photophysical Properties. *Journal of Physical Chemistry C*, **2018**, 122, 13848-13862	3.8	13
536	Finding a receptor design for selective recognition of perrhenate and pertechnetate: hydrogen vs. halogen bonding. *Chemical Communications*, **2018**, 54, 4826-4829	5.8	13
535	Asymmetric synthesis of enantiomerically and diastereoisomerically enriched 4-[F or Br]-substituted glutamic acids. *Amino Acids*, **2010**, 39, 1171-6	3.5	13
534	Synthesis and molecular structure of bis(benzo)aza-14-crown-4 ethers with 7-azabicyclo[3.3.1]nonane and homologous fragments. *Russian Journal of Organic Chemistry*, **2008**, 44, 1665-1670	0.7	13
533	An Unusual Reaction of (-Dimethylaminoethoxy)triethyltin with Phenyltin Trichloride. The First X-ray Structural Evidence of the Existence of Complexes R2SnXYR2SnXY (R = Alkyl, Aryl; X, Y = Hal, OR, X Y) Both as Unsymmetrical Adducts [R2SnX2R2SnY2] and Symmetrical Dimers [R2SnXY]2. *European Journal of Inorganic Chemistry*, **2006**, 2006, 4271-4277	2.3	13
532	Asymmetric synthesis of anti-diastereoisomers of -heterocycle substituted (S)--aminobutyric acids. *Tetrahedron: Asymmetry*, **2006**, 17, 2743-2753		13
531	Interaction of barbituric acids with o-dialkylaminobenzaldehydes. *Mendeleev Communications*, **2006**, 16, 52-54	1.9	13
530	Chemical Modification of Plant Alkaloids. III. X-Ray Diffraction and NMR Studies of the Structure of 1,3-Dimethyl-5-arylmethyl-5-cytisylmethylbarbituric Acids. *Chemistry of Natural Compounds*, **2002**, 38, 450-457	0.7	13
529	Nucleophilic vinylic substitution with transition metal carbonyl anions rare case of a halophilic reaction mechanism. *Journal of Organometallic Chemistry*, **2003**, 681, 59-69	2.3	13
528	Formamidinium Haloplumbate Intermediates: The Missing Link in a Chain of Hybrid Perovskites Crystallization. *Chemistry of Materials*, **2020**, 32, 7739-7745	9.6	13
527	Nickel(II) complexes with tripodal NNN ligands as homogenous and supported catalysts for ethylene oligomerization. *Molecular Catalysis*, **2019**, 464, 29-38	3.3	13
526	New water-soluble chitin derivative with high antibacterial properties for potential application in active food coatings. *Food Chemistry*, **2021**, 343, 128696	8.5	13
525	Synthesis of 3,4-diaryl-5-carboxy-4,5-dihydroisoxazole 2-oxides as valuable synthons for anticancer molecules. *Tetrahedron*, **2017**, 73, 6728-6735	2.4	12
524	Synthesis of novel fluorescent 12a-aryl substituted indoxylisoquinolines via aryne-induced domino process. *RSC Advances*, **2016**, 6, 12642-12646	3.7	12
523	Absolute Configuration and Polymorphism of 2-Phenylbutyramide and -Methyl--phenylsuccinimide. *Crystal Growth and Design*, **2014**, 14, 3360-3369	3.5	12
522	Diastereoselective synthesis of 1-alkyl-2,4,6-trioxoperhydropyrimidine-5-spiro-3?-(1?,2?,3?,4?-tetrahydroquinolines). *Tetrahedron*, **2010**, 66, 6054-6061	2.4	12

521	First examples of [Rh(Bident)(CO)(L)] complexes where L is N-donor ligand: Molecular structure of [Rh(8-Oxiquinolinato)(CO)(NH3)]. *Journal of Organometallic Chemistry*, **2007**, 692, 5788-5794	2.3	12
520	The nature of the O□O bond in hydroperoxides. *Russian Chemical Bulletin*, **2001**, 50, 1539-1549	1.7	12
519	New Luminescent Tetranuclear Lanthanide-Based Silsesquioxane Cage-Like Architectures. *Chemistry - A European Journal*, **2020**, 26, 16594-16598	4.8	12
518	Femtosecond laser synthesis of nitrogen-doped luminescent carbon dots from acetonitrile. *Dyes and Pigments*, **2021**, 188, 109176	4.6	12
517	Novel titanium (IV) complexes with 1,2-diolate ligands: Synthesis, structure and catalytic activities in ultra-high molecular weight polyethylene production. *Journal of Organometallic Chemistry*, **2018**, 877, 85-91	2.3	12
516	Heterometallic Palladium(II)-Indium(III) and -Gallium(III) Acetate-Bridged Complexes: Synthesis, Structure, and Catalytic Performance in Homogeneous Alkyne and Alkene Hydrogenation. *Inorganic Chemistry*, **2018**, 57, 11482-11491	5.1	12
515	Synthesis and reactivity in ethylene oligomerization by heteroscorpionate dibromonickel(II) complexes. *Inorganica Chimica Acta*, **2017**, 458, 58-67	2.7	11
514	Methylammonium Polyiodides: Remarkable Phase Diversity of the Simplest and Low-Melting Alkylammonium Polyiodide System. *Journal of Physical Chemistry Letters*, **2019**, 10, 5776-5780	6.4	11
513	Vanadium (IV), (V) coordination compounds with 8-hydroxyquinoline derivative: Synthesis, structure and catalytic activity in the polymerization of ethylene. *Journal of Organometallic Chemistry*, **2015**, 798, 393-400	2.3	11
512	Formation of 3,4-Diarylpyrrole- and Pyrrolocoumarin Core of Natural Marine Products via Barton□Zard Reaction and Selective O-Demethylation. *European Journal of Organic Chemistry*, **2020**, 2020, 2093-2100	3.2	11
511	Novel titanium(IV) complexes stabilized by 2-hydroxybenzyl alcohol derivatives as catalysts for UHMWPE production. *Journal of Organometallic Chemistry*, **2018**, 867, 266-272	2.3	11
510	Evidence of Low-Temperature Phase Transition in Tetracene□Tetracyanoquinodimethane Complex. *Crystal Growth and Design*, **2018**, 18, 4095-4102	3.5	11
509	Ultrasound-assisted catalyst-free phenol-yne reaction for the synthesis of new water-soluble chitosan derivatives and their nanoparticles with enhanced antibacterial properties. *International Journal of Biological Macromolecules*, **2019**, 139, 103-113	7.9	11
508	Molecular and crystal structure of tris(2-hydroxyphenyl)phosphine oxide. *Doklady Chemistry*, **2013**, 448, 55-60	0.8	11
507	Crystal structure of 8-hy-droxy-quinoline: a new monoclinic polymorph. *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, o924-5		11
506	Synthesis and molecular structure of 2,3,4,5-tetrahydro-1H-3-benzazepine derivatives and dimethyl 4-cyano-2,3,6,7-tetrahydro-1H-3-benzazonine-5,6-dicarboxylate. *Chemistry of Heterocyclic Compounds*, **2012**, 48, 1332-1339	1.4	11
505	Templating irreversible covalent macrocyclization by using anions. *Chemistry - A European Journal*, **2013**, 19, 3710-4	4.8	11
504	Synthesis of pyrrolo[1,2-a][1,6]benzodiazonines from pyrrolo[1,2-a][1,4]benzodiazepines and alkynes containing electron-acceptor substituents. *Chemistry of Heterocyclic Compounds*, **2013**, 49, 1024-1032	1.4	11

503	Synthesis and molecular structures of dibenzo(perhydrotriazino)aza-14-crown-4 ethers. *Russian Journal of Organic Chemistry*, **2011**, 47, 766-770	0.7	11
502	Bis(□-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
501	Heteroleptic tin (II) dialkoxides stabilized by intramolecular coordination Sn(OCH2CH2NMe2)(OR) (R = Me, Et, iPr, tBu, Ph). Synthesis, structure and catalytic activity in polyurethane synthesis. *Journal of Organometallic Chemistry*, **2009**, 694, 3184-3189	2.3	11
500	New stable germylenes, stannylenes, and related compounds. 8. Amidogermanium(II) and -tin(II) chlorides R2N-E14-Cl (E14 = Ge, R = Et; E14 = Sn, R = Me) revealing new structural motifs. *Applied Organometallic Chemistry*, **2007**, 21, 551-556	3.1	11
499	Novel type of trifunctional chiral N-heterocyclic carbene (NHC) precursors. *Tetrahedron: Asymmetry*, **2008**, 19, 756-760		11
498	Rh(I) carbonyl carboxylato complexes: Spectral and structural characteristics. Some reactions of coordinated formate group. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2005**, 31, 121-131	1.6	11
497	New enolate-carbodiimide rearrangement in the concise synthesis of 6-amino-2,3-dihydro-4-pyridinones from homoallylamines. *Organic and Biomolecular Chemistry*, **2016**, 14, 4283-98	3.9	11
496	Crystal structure and Hirshfeld surface analysis of 3-amino-1-oxo-2,6,8-triphenyl-1,2,7,8-tetra-hydro-iso-quinoline-4-carbo-nitrile. *Acta Crystallographica Section E: Crystallographic Communications*, **2021**, 77, 195-199	0.7	11
495	Linear and Third-Order Nonlinear Optical Properties of Chalcogenopyrylium-Terminated Heptamethine Dyes with Rigid, Bulky Substituents. *Advanced Functional Materials*, **2018**, 28, 1804073	15.6	11
494	Cu42Ge24Na4□ Giant Trimetallic Sesquioxane Cage: Synthesis, Structure, and Catalytic Activity. *Catalysts*, **2018**, 8, 484	4	11
493	The first tris-heteroleptic copper cage, ligated by germsesquioxanes, 2,2?-bipyridines and 3,5-dimethylpyrazolates. Synthesis, structure and unique catalytic activity in oxidation of alkanes and alcohols with peroxides. *Journal of Organometallic Chemistry*, **2019**, 899, 120911	2.3	10
492	Cyclometallated 1,2,3-triazol-5-ylidene iridium(III) complexes: synthesis, structure, and photoluminescence properties. *Mendeleev Communications*, **2019**, 29, 128-131	1.9	10
491	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
490	Rare-Earth Complexes with the 5,5?-Bitetrazolate Ligand □Synthesis, Structure, Luminescence Properties, and Combustion Catalysis. *European Journal of Inorganic Chemistry*, **2018**, 2018, 805-815	2.3	10
489	Dichloro-Substituted 1,2-Diazabuta-1,3-dienes as Highly Reactive Electrophiles in the Reaction with Amines and Diamines: Efficient Synthesis of □-Hydrazo Amidinium Salts. *European Journal of Organic Chemistry*, **2018**, 2018, 4996-5006	3.2	10
488	Diastereoselective In and Zn-mediated allylation of pyrazol-4-yl derived (R)-tert-butanesulfinyl imines: synthesis of enantiomerically pure 6-(pyrazol-4-yl)-piperidin-2,4-diones. *Tetrahedron: Asymmetry*, **2014**, 25, 667-676		10
487	Synthesis of Polycyclic Imidazo[1,4]thiazine Derivatives by an ANRORC Domino Reaction. *European Journal of Organic Chemistry*, **2012**, 2012, 6124-6126	3.2	10
486	A novel type of catalysts for the asymmetric C-C bond formation based on chiral stereochemically inert cationic Coiii complexes. *Russian Chemical Bulletin*, **2012**, 61, 2252-2260	1.7	10

485	Heterometallic cyanide-bridged complexes containing RhIRuIIRhI triad: NMR data on exchange reactions and ligand effect transmission. *Journal of Organometallic Chemistry*, **2009**, 694, 2917-2922	2.3	10
484	Dimethyl 2-[23-oxo-22,24-diphenyl-8,11,14-trioxa-25-aza-tetra-cyclo-[19.3.1.0(2,7).0(15,20)]penta-cosa-2,4,6,15(20),16,18-hexaen-4 *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1386-7	0.6	10
483	A novel reaction producing the rhodium(I) complexes with -coordinated tetraphenylborate anion, (PhBPh3). X-ray study of [Rh(PPh3)2(PhBPh3)]. *Journal of Organometallic Chemistry*, **2007**, 692, 4297-4302	2.3	10
482	Cationic methyl complexes of rhodium(III): synthesis, structure, and some reactions. *Journal of Organometallic Chemistry*, **2004**, 689, 1930-1943	2.3	10
481	First synthesis of heterocyclic allenes benzazecine derivatives. *New Journal of Chemistry*, **2017**, 41, 1902-1904	3.3	9
480	An Intramolecular Diels–Alder Furan (IMDAF) Approach towards the Synthesis of Isoindolo[2,1-a]quinazolines and Isoindolo[1,2-b]quinazolines. *Synthesis*, **2017**, 49, 3749-3767	2.9	9
479	Conformational Selection in Anion Recognition: cGMP-Selective Binding by a Naphthalimide-Functionalized Amido-Amine Macrocycle. *Journal of Organic Chemistry*, **2019**, 84, 9034-9043	4.3	9
478	1,5-Diaryl-3-oxo-1,4-pentadienes based on (4-oxopiperidin-1-yl)(aryl)methyl phosphonate scaffold: synthesis and antitumor properties. *Medicinal Chemistry Research*, **2017**, 26, 140-152	2.2	9
477	Sulfenyl halides in the synthesis of heterocycles. 4*. Heterocyclization in reactions of alkenes with sulfenylating reagents based on di(2-pyridyl) disulfide. *Chemistry of Heterocyclic Compounds*, **2012**, 48, 1098-1104	1.4	9
476	Cycloaddition of di(2-pyridyl) diselenide to styrene activated with antimony pentachloride. *Russian Chemical Bulletin*, **2011**, 60, 2057-2062	1.7	9
475	Monohalogenated ferrocenes C(5)H(5)FeC(5)H(4)X (X = Cl, Br and I) and a second polymorph of C(5)H(5)FeC(5)H(4)I. *Acta Crystallographica Section C: Crystal Structure Communications*, **2009**, 65, m426-30		9
474	Dimethyl 2-[22,24-dimethyl-23-oxo-8,11,14-trioxa-25-aza-tetra-cyclo-[19.3.1.0(2,7).0(15,20)]penta-cosa-2,4,6,15(20),16,18-hexaen-4 *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1588-9	0.6	9
473	The heteronuclear bonding between heavier Group 14 elements and transition metals: a novel trioxystannate-iron complex with an unusual stannate fragment. *Dalton Transactions*, **2008**, 1140-3	4.3	9
472	Attractive halogen halogen interactions in crystal structure of trans-dibromogold(III) complex. *Zeitschrift Fur Kristallographie - Crystalline Materials*, **2020**, 235, 477-480	1	9
471	Economical Synthesis of -Amino Acids from a Novel Family of Easily Available Schiff Bases of Glycine Esters and 2-Hydroxybenzophenone. *Synthesis*, **2018**, 50, 607-616	2.9	9
470	Synthesis of d-(+)-camphor-based -acylhydrazones and their antiviral activity. *MedChemComm*, **2018**, 9, 2072-2082	5	9
469	Synthesis and cytotoxicity of novel piperidone-containing dibenzo-1,7-diaza-14-crown-4 ethers. *Mendeleev Communications*, **2019**, 29, 375-377	1.9	8
468	Synthesis, structure, linear and nonlinear properties of tricyanofuran erminated merocyanine dyes. *Journal of Molecular Structure*, **2019**, 1189, 146-154	3.4	8

467	Easy construction of furo[2,3-f]isoindole core by the IMDAV reaction between 3-(furyl)allylamines and α,β-unsaturated acid anhydrides. *Tetrahedron*, **2016**, 72, 2239-2253	2.4	8
466	The Structure and EPR Behavior of Short Nitroxide Biradicals Containing Sulfur Atom in the Bridge. *Applied Magnetic Resonance*, **2014**, 45, 397-409	0.8	8
465	Heterocyclization of cycloalkenes with di(2-pyridyl) diselenide in the presence of antimony pentachloride. *Chemistry of Heterocyclic Compounds*, **2012**, 48, 963-968	1.4	8
464	Cycloaddition of 2-pyridinetellurenyl chloride to alkenes. *Russian Chemical Bulletin*, **2012**, 61, 91-94	1.7	8
463	Donor-stabilized five-coordinate cationic chelate silicon compounds with two (O-Si)-coordinating ligands. *Russian Journal of General Chemistry*, **2011**, 81, 2412-2427	0.7	8
462	24-Acetyl-8,11,14-trioxa-24,27-diaza-penta-cyclo-[19.5.1.1(22,26).0(2,7).0(15,20)]octa-cosa-2,4,6,15(20),16,18-hexaen-23- *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2165-6		8
461	Synthesis of novel non-proteinogenic α-amino acids with charged imidazolium fragment in the side chain. *Russian Chemical Bulletin*, **2010**, 59, 1273-1283	1.7	8
460	Supercritical carbon dioxide in organometallic synthesis: Combination of sc-CO2 with Nafion film as a novel reagent in the synthesis of ethers from hydroxymethylmetallocenes. *Journal of Organometallic Chemistry*, **2010**, 695, 799-803	2.3	8
459	Anion binding by pyrrole–pyridine-based macrocyclic polyamides. *Supramolecular Chemistry*, **2008**, 20, 619-624	1.8	8
458	Novel modified chiral NiII complexes with the Schiff bases of (E)-and (Z)-2-aminobut-2-enoic acids: Synthesis and study. *Russian Chemical Bulletin*, **2006**, 55, 442-450	1.7	8
457	The Ate Complexes [M{C(SiMe3)3}(tBu)2Li(THF)2] (M = Ge or Sn). The First Structural Characterization of Organometallic Ate Complexes of Group 14 Metals in Oxidation State II. *Organometallics*, **2002**, 21, 4005-4008	3.8	8
456	Synthesis and Molecular Structure of Dibenzo [4-(α-Thienyl- and α-Pyrrolyl)pyrido]aza-14-crown-4 Ethers. *Macroheterocycles*, **2014**, 7, 386-390	2.2	8
455	Synthesis and Cytotoxicity of Dibenzo[(Haryl)pyridino]aza-17-crown-5 Ethers. *Macroheterocycles*, **2018**, 11, 197-202	2.2	8
454	Chitosan derivatives and their based nanoparticles: ultrasonic approach to the synthesis, antimicrobial and transfection properties. *Carbohydrate Polymers*, **2020**, 242, 116478	10.3	8
453	Supramolecular organic frameworks derived from bromoaryl-substituted dichlorodiazabutadienes via Cl···Br halogen bonding. *Mendeleev Communications*, **2021**, 31, 191-193	1.9	8
452	Azoimidazole gold(III) complexes: Synthesis, structural characterization and self-assembly in the solid state. *Inorganica Chimica Acta*, **2021**, 522, 120373	2.7	8
451	An unusually stable pyridine-2-selenenyl chloride: structure and reactivity. *Structural Chemistry*, **2016**, 27, 1733-1741	1.8	8
450	Synthesis and crystal structure of a new hybrid methylammonium iodocuprate. *Mendeleev Communications*, **2018**, 28, 245-247	1.9	8

449	[1,2,5]Oxadiazolo[3,4-d]pyridazine 1,5,6-trioxides: efficient synthesis via the reaction of 3,4-bis(hydroxyimino)methyl)-1,2,5-oxadiazole 2-oxides with a mixture of concentrated nitric and trifluoroacetic acids and structural characterization. *Tetrahedron Letters*, **2018**, 59, 3143-3146	2	8
448	Efficient synthesis of tetrazole derivatives of cytisine using the azido-Ugi reaction. *Tetrahedron*, **2018**, 74, 4315-4322	2.4	8
447	Efficient synthesis of new tricyclic pyrano[3,2-c]pyridine derivatives. *Mendeleev Communications*, **2019**, 29, 232-233	1.9	7
446	2-Bis-1,2,3-triazolo-isoquinoline: Design, Synthesis, and Photophysical Study. *Journal of Organic Chemistry*, **2020**, 85, 7024-7035	4.2	7
445	Crystal Structure of Tris- (2,3,5,6-Tetrafluorobenzoato)Scandium [Sc(C6F4HCO2)3]. *Journal of Structural Chemistry*, **2018**, 59, 494-496	0.9	7
444	A Facile Route for Stabilizing Highly Reactive ArTeCl Species Through the Formation of T-Shaped Tellurenyl Chloride Adducts: quasi-Planar Zwitterionic [HPy*]TeCl2 and [HPm*]TeCl2; Py* = 2-pyridyl, Pm* = 2-(4,6-dimethyl)pyrimidyl. *European Journal of Inorganic Chemistry*, **2014**, 2014, 3582-3586	2.3	7
443	Rhodium(I) dimethyl sulfoxide oxyquinolinato carbonyl complex, [Rh(Oxq)(CO)(DMSO)]. NMR and X-ray structure data. *Journal of Organometallic Chemistry*, **2014**, 761, 123-126	2.3	7
442	Opening of the epoxide bridge in 3a,6-epoxyisoindol-1-ones by the action of BF3?Et2O in acetic anhydride*. *Chemistry of Heterocyclic Compounds*, **2012**, 48, 514-524	1.4	7
441	Transformations of 4-oxo-4H-chromene-3-carbaldehyde under the action of Fe(CO)5. *Russian Journal of Organic Chemistry*, **2012**, 48, 451-455	0.7	7
440	Unusual ozonolysis pattern for 28-oxo-2,3-indoloallobetulin. *Russian Chemical Bulletin*, **2011**, 60, 1781-1783	1.7	7
439	Recognition of perrhenate and pertechnetate by a neutral macrocyclic receptor. *Journal of Radioanalytical and Nuclear Chemistry*, **2009**, 282, 385-389	1.5	7
438	The reaction of tetrahydrochromeno[3,4-c]pyridines with activated alkynes. The first synthesis of tetrahydrochromeno[4,3-d]azocines. *Tetrahedron Letters*, **2011**, 52, 4189-4191	2	7
437	meso-(1S*,21R*)-25-Methyl-8,11,14-trioxa-22,24,25-triaza-tetra-cyclo-[19.3.1.0(2,7).0(15,20)]penta-cosa-2,4,6,15(20),16,1 chloro-form monosolvate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2848-9		7
436	New stable germylenes, stannylenes, and related compounds 7. Synthesis and structures of compounds HalSnOCH2CH2NMe2 (Hal = Cl or F). *Russian Chemical Bulletin*, **2007**, 56, 267-270	1.7	7
435	X-ray diffraction study of the first monomeric dioxygermylene Ge(OCH2CH2NMe 2)2 stabilized by two Ge <- N intramolecular coordination bonds: The influence of Ge <- N intramolecular coordination bonds on the structure and packing of molecules in crystals. *Crystallography Reports*, **2002**, 47, 616-621	0.6	7
434	ESR study of the thermal decomposition of di-tert-butoxy-tert-butyl alumotrioxide formed in the reaction of tri-tert-butoxyaluminum with tert-butyl hydroperoxide. *Russian Chemical Bulletin*, **2002**, 51, 638-644	1.7	7
433	Molecular structure, magnetic properties and catalytic activity in selective ethylene dimerization of nickel (II) complexes with bis(3,5-dimethylpyrazol-1-yl)methane. *Journal of Molecular Structure*, **2020**, 1206, 127692	3.4	7
432	Catalytic systems based on nickel(II) complexes with bis(3,5-dimethylpyrazol-1-yl)methane Impact of PPh3 on the formation of precatalysts and selective dimerization of ethylene. *New Journal of Chemistry*, **2020**, 44, 981-993	3.6	7

431	Inter-action between maleic acid and --furfuryl-amines: crystal structure of 2-methyl--[(5-phenyl-furan-2-yl)meth-yl]propan-2-aminium (2)-3-carb-oxy-acrylate and -[(5-iodo-furan-2-yl)meth-yl]-2-methyl-propan-2-aminium (2)-3-carb-oxy-prop-2-enoate. *Acta Crystallographica Section E: Crystallographic Communications*, **2017**, 73, 515-519	0.7	6
430	Hydride transfer reactions of 5-(2-alkohybenzylidene) barbituric acids: Synthesis of 2,4,6-trioxoperhydropyrimidine-5-spiro-3?-chromanes. *Tetrahedron*, **2017**, 73, 542-549	2.4	6
429	Novel alkoxo-titanium(IV) complexes with fluorinated 2-hydroxymethylphenol derivatives as catalysts for the formation of ultra-high molecular weight polyethylene nascent reactor powders. *Inorganica Chimica Acta*, **2019**, 498, 119159	2.7	6
428	3,3-Diazidoenones □new types of highly reactive bis-azides. Preparation and synthetic transformations. *Organic Chemistry Frontiers*, **2019**, 6, 335-341	5.2	6
427	Modification of 3,5-bis(arylidene)-4-piperidone pharmacophore by phosphonate group using 1,2,3-triazole cycle as a linker for the synthesis of new cytostatics. *Medicinal Chemistry Research*, **2015**, 24, 1753-1762	2.2	6
426	Efficient reinforcement of chitosan-based coatings for Ricotta cheese with non-toxic, active, and smart nanoparticles. *Progress in Organic Coatings*, **2020**, 145, 105707	4.8	6
425	Active antibacterial food coatings based on blends of succinyl chitosan and triazole betaine chitosan derivatives. *Food Packaging and Shelf Life*, **2020**, 25, 100534	8.2	6
424	Construction of 6-Aminopyridazine Derivatives by the Reaction of Malononitrile with Dichloro-Substituted Diazadienes. *European Journal of Organic Chemistry*, **2020**, 2020, 4964-4971	3.2	6
423	Optical readout of controlled monomer-dimer self-assembly. *Dalton Transactions*, **2018**, 47, 14169-14173	4.3	6
422	First platinum(ii)□alkaline-earth acetate-bridged complexes Pt ii (m-OAc) 4 M ii (AcOH) 4 (M = Ca, Sr, Ba). *Mendeleev Communications*, **2018**, 28, 200-201	1.9	6
421	Evidence for Indirect Action of Ionizing Radiation in 18-Crown-6 Complexes with Halogenous Salts of Strontium: Simulation of Radiation-Induced Transformations in Ionic Liquid/Crown Ether Compositions. *Journal of Physical Chemistry B*, **2018**, 122, 1992-2000	3.4	6
420	Oxidative Coupling of Anionic Abnormal N-Heterocyclic Carbenes: Efficient Access to Janus-Type 4,4?-Bis(2H-imidazol-2-ylidene)s. *Angewandte Chemie*, **2018**, 130, 8118-8123	3.6	6
419	Determination of the Absolute Configuration of CN-Palladacycles by 31P{1H} NMR Spectroscopy Using (1R,2S,5R)-Menthyloxydiphenylphosphine as the Chiral Derivatizing Agent: Efficient Chirality Transfer in Phosphinite Adducts. *Organometallics*, **2016**, 35, 75-90	3.8	6
418	Synthesis and bioactivity of novel (□piperidono)dibenzo-33-aza-14-crown-3 ethers. *Chemistry of Heterocyclic Compounds*, **2019**, 55, 654-659	1.4	6
417	Effective Synthesis of 3,4-Diaryl-isoxazole-5-carboxamides and their Antiproliferative Properties. *European Journal of Organic Chemistry*, **2019**, 2019, 4260-4270	3.2	6
416	Anthracene-Based Receptors with a Turn-on Fluorescence Response for Nitrate. *Organic Letters*, **2019**, 21, 8746-8750	6.2	6
415	Adducts of N-Heterocyclic Drugs, Niacin, Allopurinol, and Amiloride, with 2,4-Pyridinedicarboxylic Acid Coformer. *Crystal Growth and Design*, **2017**, 17, 4237-4245	3.5	6
414	A mechanistic study of the Lewis acid□Brønsted base□Brønsted acid catalysed asymmetric Michael addition of diethyl malonate to cyclohexenone. *Catalysis Science and Technology*, **2017**, 7, 90-101	5.5	6

413	The Structure and EPR Behavior of Nitroxide Biradical Containing Phosphorus Atom in the Bridge. *Applied Magnetic Resonance*, **2015**, 46, 1429-1442	0.8	6
412	Perpendicular versus Coplanar Conformation of the SeCl2 Moiety in T-Shaped Selenyl Chloride Adducts Propeller-Like Free Rotation in Solution. *European Journal of Inorganic Chemistry*, **2012**, 2012, 5456-5460	2.3	6
411	A New Approach to the Efficient Method for the Asymmetric Synthesis of (S)-O-, M-, P-Fluorophenylalanines and Their 2-Methyl-substituted Analogs. *Synthetic Communications*, **2011**, 41, 493-506	1.7	6
410	1-Methyl-2,3-dihydro-1H-benzimidazole-2-selone. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1381		6
409	Dimethyl 2-[24-acetyl-28-oxo-8,11,14-trioxa-24,27-diaza-penta-cyclo-[19.5.1.1(22,26).0(2,7).0(15,20)]octa-cosa-2,4,6,15(20),16,18-h *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2431-2		6
408	In search for a pentacoordinated monoorgano stannyl cation. *Journal of Organometallic Chemistry*, **2010**, 695, 365-369	2.3	6
407	Preparation of -Acetonylpiperidines from -Allylated Heterocycles by a Bromocyclocarbamation Reaction. *European Journal of Organic Chemistry*, **2007**, 2007, 2015-2021	3.2	6
406	On rhodium(III) chloride complexes with N,N-dimethylformamide. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2007**, 33, 194-202	1.6	6
405	Synthesis and molecular structure of bis(areno)piperidinoaza-14(17)-crowns-4(5). *Russian Journal of Organic Chemistry*, **2008**, 44, 456-461	0.7	6
404	Diastereoselective addition of an NiII complex of a Schiff base of glycine with (S)-2-[N-(N-benzylprolyl)amino]benzophenone to the C=C bond of ethyl -bromoacrylate. *Russian Chemical Bulletin*, **2005**, 54, 981-987	1.7	6
403	Synthesis of 8,9-(1,3-benzodioxolo-5,6)-5-azatricyclo[8.2.1.01,5]tridec-11-en-6-one. A convenient route to structural analogs of the alkaloid cephalotaxine. *Russian Chemical Bulletin*, **2005**, 54, 2229-2232	1.7	6
402	Through-Space -Effect between the Bridging Oxygen Atoms in Diepoxybenzo[de]isothiochromene Derivatives. *European Journal of Organic Chemistry*, **2020**, 2020, 156-161	3.2	6
401	Synthesis, X-ray characterization and theoretical study of 3a,6:7,9a-diepoxybenzo[de]isoquinoline derivatives: on the importance of F?O interactions. *New Journal of Chemistry*, **2020**, 44, 20167-20180	3.6	6
400	Novel cationic 1,2,4-selenadiazoles: synthesis via addition of 2-pyridylselenyl halides to unactivated nitriles, structures and four-center SeN contacts. *Dalton Transactions*, **2021**, 50, 10689-10691	4.3	6
399	Synthesis of new -butylcalix[4]arene-based polyammonium triazolyl amphiphiles and their binding with nucleoside phosphates. *Beilstein Journal of Organic Chemistry*, **2018**, 14, 1980-1993	2.5	6
398	Cation Molecular Exchanger Based on a Conformational Hinge. *Organic Letters*, **2018**, 20, 6211-6214	6.2	6
397	New Synthesis of Functionalized Nicotinamides. *Russian Journal of Organic Chemistry*, **2019**, 55, 1019-1033	0.7	5
396	Multicomponent Synthesis of Thiazole, Selenazole, Pyrane, and Pyridine Derivatives, Initiated by the Knoevenagel Reaction. *Russian Journal of Organic Chemistry*, **2019**, 55, 215-226	0.7	5

395	The First Heterometallic Acetate-Bridged Pt(II)Pd(II) Complex: Synthesis, Structure, and Formation of Bimetallic PtPd2 Nanoparticles. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2019**, 45, 253-265	1.6	5
394	Synthesis of 2-(chloro(methoxy, morpholino)methyl)-hexahydropyrimidothieno[3,2-c]azocines and tetrahydrospiro[pyrido[4,5']thieno[2,3-d]pyrimidines]. *Chemistry of Heterocyclic Compounds*, **2015**, 51, 17-25	1.4	5
393	A novel domino condensation□intramolecular nucleophilic cyclization approach toward annulated imidazo-pyrrolopyridines. *Tetrahedron Letters*, **2015**, 56, 6475-6477	2	5
392	A halogenophilic pathway in the reactions of transition metal carbonyl anions with [(□□odobenzene)Cr(CO)]□. *Dalton Transactions*, **2014**, 43, 13392-8	4.3	5
391	1,3-Phosphorotropic migration in the C3NC5 triad of 1,4-benzodiazepines accompanied by isomerization of Ph2POC3NC5 to Ph2P(O)C5NC3. *Tetrahedron Letters*, **2014**, 55, 4879-4882	2	5
390	New domino dimerization of cyclopropylindoles: synthesis of 1,3-bis(indolyl)cyclopentanes. *Chemistry of Heterocyclic Compounds*, **2015**, 51, 936-939	1.4	5
389	Palladium-catalyzed amination of meso-(bromophenyl)porphyrins with diamines and azamacrocycles. *Dalton Transactions*, **2014**, 43, 3563-75	4.3	5
388	Novel Synthetic Route Toward Benzofuran-pyridine□Based Spirans. *Synthetic Communications*, **2012**, 42, 3337-3343	1.7	5
387	On the reaction of fused benzodiazepines with alkynes containing electron-withdrawing groups. *Russian Chemical Bulletin*, **2012**, 61, 1220-1230	1.7	5
386	Synthesis of azecino[5,4-b]indoles and indolo[3,2-e][2]benzazonines via tandem transformation of hydrogenated indoloquinolizines and indolizines. *Russian Chemical Bulletin*, **2012**, 61, 1231-1241	1.7	5
385	Ethyl 23-benzyl-8,11,14-trioxa-23,28,29-triaza-penta-cyclo-[19.7.1.0(2,7).0(15,20).0(22,27)]nona-cosa-2,4,6,15(20),16,18,21,26-o *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o565-6		5
384	Self-assembly of a palladium complex formed from two U-shaped calixsalen molecules. *Dalton Transactions*, **2010**, 39, 5768-71	4.3	5
383	From small structural modifications to adjustment of structurally dependent properties: 1-methyl-3,5-bis[(E)-2-thienylidene]-4-piperidone and 3,5-bis[(E)-5-bromo-2-thienylidene]-1-methyl-4-piperidone. *Acta Crystallographica Section C: Crystal Structure Communications*, **2009**, 65, o155-9		5
382	C□?M+ interaction in anionic □-fluorovinyl rhenium oxycarbene complexes and their □-fluoroenolate analogs. *Journal of Fluorine Chemistry*, **2011**, 132, 587-595	2.1	5
381	Construction of mononitrogen heterocycles with a combined system of 1-azaspiro[4.n]alkene and 3-benzazocine fragments through the intramolecular eight-membered Heck cyclization. *Russian Chemical Bulletin*, **2010**, 59, 1393-1399	1.7	5
380	Oxidation reactions of azines.. *Chemistry of Heterocyclic Compounds*, **1997**, 33, 571-576	1.4	5
379	Reactions ofo-tosylaminobenzaldehyde withp-aminobenzenesulfonamides. Synthesis and structures of 13-(4-aminosulfonylphenyl)-6,12-epimino-5,11-ditosyl-5,6,11,12-tetrahydrodibenzo[b,f]-1,5-diazocine and itsN-substituted derivatives. *Russian Chemical Bulletin*, **1997**, 46, 1931-1935	1.7	5
378	New reaction of pyridinium ylide with 2,4,6-trinitrofluorobenzene leading to stable heptatrienide moiety. *Heteroatom Chemistry*, **2007**, 18, 421-424	1.2	5

377	Arylamidate palladium complexes containing deprotonated phthalimide and p-methylbenzamide: possibility of their participation in reductive elimination. *Mendeleev Communications*, **2007**, 17, 142-144	1.9	5
376	Weak interactions in 1,3-dimethyl-5-arylmethyl-5-cytisylmethylbarbituric acids. Unusually steady intramolecular organic sandwich complexes. *Journal of Molecular Structure*, **2007**, 828, 188-194	3.4	5
375	Dual reactivity of the phosphonium zwitterion formed by the reaction of triisopropylphosphine with ethyl 2-cyanoacrylate toward 2,4-dinitro- and 2,4,6-trinitrofluorobenzenes. *Mendeleev Communications*, **2007**, 17, 232-233	1.9	5
374	Tetraaryl-1,3-dioxolane-4,5-dimethanols as catalysts for the addition of trimethylsilyl cyanide to benzaldehyde and the oxirane ring. *Russian Chemical Bulletin*, **2007**, 56, 1507-1514	1.7	5
373	Weak interactions in barbituric acid derivatives. Unusually steady intermolecular organic sandwich complexes. Stacking versus hydrogen bonding interactions. *Journal of Molecular Structure*, **2008**, 878, 40-49	3.4	5
372	Monoacetylferrocene crystallization in supercritical carbon dioxide. *Russian Chemical Bulletin*, **2006**, 55, 576-578	1.7	5
371	Crystal and molecular structures of six-coordinate germanium difluorides and dibromides containing lactamomethyl C,O-chelating ligands. *Russian Chemical Bulletin*, **2000**, 49, 1775-1781	1.7	5
370	Bromination of bis-(pyridin-2-yl) diselenide in methyl-ene chloride: the reaction mechanism and crystal structures of 1-pyridine-2-selenenyl dibromide and its cyclo-adduct with cyclo-pentene (3a,9a)-2,3,3a,9a-tetra-hydro-1-cyclo-penta-[4,5][1,3]selenazolo[3,2-]pyridinium bromide. *Acta Crystallographica Section E: Crystallographic Communications*, **2019**, 75, 675-679	0.7	5
369	Cu(II)-silsesquioxanes as efficient precatalysts for Chan-Evans-Lam coupling. *Journal of Organometallic Chemistry*, **2020**, 906, 121022	2.3	5
368	Unprecedented Coordination-Induced Bright Red Emission from Group 12 Metal-Bound Triarylazoimidazoles. *Molecules*, **2021**, 26,	4.8	5
367	Attractive fluorine fluorine interactions between perfluorinated alkyl chains: a case of perfluorinated Cu(II) diiminate Cu[C2F5C(NH)CF=C(NH)CF3]2. *Zeitschrift Fur Kristallographie - Crystalline Materials*, **2021**, 236, 117-122	1	5
366	New Magnetic and Luminescent Dy(III) and Dy(III)/Y(III) Based Tetranuclear Silsesquioxane Cages. *European Journal of Inorganic Chemistry*, **2021**, 2021, 2696-2701	2.3	5
365	Dill and parsley seed extracts in scale up synthesis of aminopolyalkoxybenzenes beneficial synthons for fused nitrogen polyalkoxyheterocycles. *Mendeleev Communications*, **2016**, 26, 66-68	1.9	5
364	Ring-chain tautomerism in the products of the reaction between 5-substituted furfurylamines and anhydrides of ,-unsaturated carboxylic acids. *Chemistry of Heterocyclic Compounds*, **2016**, 52, 225-236	1.4	5
363	Distinct molecular structures and hydrogen bond patterns of ,-diethyl-substituted cyclic imide, lactam, and acetamide derivatives in the crystalline phase. *Journal of Molecular Structure*, **2016**, 1121, 196-202	3.4	5
362	A new direction in the alkylation of 5-acetyl-2-amino-6-methyl-4-phenyl-4H-pyran-3-carbonitrile with active methylene reagents. *Journal of the Chinese Chemical Society*, **2019**, 66, 253-256	1.5	5
361	Novel biopolymer-based nanocomposite food coatings that exhibit active and smart properties due to a single type of nanoparticles. *Food Chemistry*, **2021**, 343, 128676	8.5	5
360	,-Disubstituted CF-Enones as a Trifluoromethyl Building Block: Regioselective Preparation of Totally Substituted 3-CF-Pyrazoles. *Journal of Organic Chemistry*, **2021**, 86, 2385-2405	4.2	5

359	Ten-fold boost of catalytic performance in thiol-yne click reaction enabled by a palladium diketonate complex with a hexafluoroacetylacetonate ligand. *Catalysis Science and Technology*, **2018**, 8, 3073-3080	5.5	5
358	Structural Insight into Complexation Ability and Coordination of Uranyl Nitrate by 1,10-Phenanthroline-2,9-diamides.. *Inorganic Chemistry*, **2021**,	5.1	5
357	The synthesis, characterization, and structure of (ThioH) 2 [OsX 6] (X = Cl, Br). *Polyhedron*, **2017**, 134, 114-119	2.7	4
356	Features of oxa-bridge cleavage in hexahydro-3a,6-epoxyisoindol-1(4H)-ones: A concise method to access acetylisoindolones possessing anti-viral activity. *Tetrahedron Letters*, **2019**, 60, 151204	2	4
355	Mixed-stack architecture and solvatomorphism of trimeric perfluoro-ortho-phenylene mercury complexes with dithieno[3,2-b:2?,3?-d]thiophene. *Journal of Molecular Structure*, **2015**, 1100, 506-512	3.4	4
354	Application of the Intramolecular Diels–Alder Vinylarene–HMDAV) Approach for the Synthesis of Thieno[2,3-f]isoindoles. *Synthesis*, **2020**, 52, 2196-2223	2.9	4
353	NNNO-Heteroscorpionate nickel (II) and cobalt (II) complexes for ethylene oligomerization: the unprecedented formation of odd carbon number olefins. *Applied Organometallic Chemistry*, **2020**, 34, e5873	3.1	4
352	Control of Photoisomerization of an Azoazacryptand by Anion Binding and Cucurbit[8]uril Encapsulation in an Aqueous Solution. *Journal of Organic Chemistry*, **2020**, 85, 9255-9263	4.2	4
351	Structure and quantum chemical study of crystalline platinum(II) acetate. *Mendeleev Communications*, **2019**, 29, 489-491	1.9	4
350	Transformation of 4-Substituted Tetrahydro-Pyrrolobenzodiazepines in a Three-Component Reaction With Methyl Propiolate and Indole. *Chemistry of Heterocyclic Compounds*, **2014**, 49, 1785-1794	1.4	4
349	Novel domino reaction of N-(cyanomethyl)-5,10-dihydro[1]benzosilano[3,2-c]pyridinium salts with salicylaldehydes. *Chemistry of Heterocyclic Compounds*, **2013**, 49, 484-490	1.4	4
348	Reactions of 5-Indolizyl Lithium Compounds with Some Bielectrophiles. *Molecules*, **2017**, 22,	4.8	4
347	A new approach to ferrocene derived alkenes via copper-catalyzed olefination. *Beilstein Journal of Organic Chemistry*, **2015**, 11, 2072-8	2.5	4
346	Transformations of tetrahydropyrido[4?,3?:4,5]thieno[2,3-d]pyrimidin-4(3H)-ones in the presence of alkynes bearing electron-withdrawing substituents. *Russian Chemical Bulletin*, **2012**, 61, 370-379	1.7	4
345	Using the same organocatalyst for asymmetric synthesis of both enantiomers of glutamic acid-derived Ni(II) complexes via 1,4-additions of achiral glycine and dehydroalanine Schiff base Ni(II) complexes. *Amino Acids*, **2012**, 43, 299-308	3.5	4
344	Pyrimidine-2,4-diamine acetone monosolvate. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o251		4
343	A new polymorph of triphenylmethylamine: the effect of hydrogen bonding. *Acta Crystallographica Section C: Crystal Structure Communications*, **2009**, 65, o31-4		4
342	Sulfur-containing alkenes—A new class of chelating ligands: Synthesis, coordination to palladium, and structure of the resulting complexes. *Russian Journal of Organic Chemistry*, **2009**, 45, 1743-1754	0.7	4

341	3-Methyl-1,2,3,4,5,6,1',2',3',4'-deca-hydro-spiro-[benz[f]isoquinoline-1,2'-naphthalen]-1'-one. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o3230		4
340	6-Methyl-pyridin-2-amine. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o3466		4
339	Unusual synthesis of phosphorus-containing 1,3-oxazine- 2,4-dione of zwitter-ionic structure by the N-reaction of cyano-carbanion with 2,4,6-trinitrofluorobenzene. *Mendeleev Communications*, **2010**, 20, 39-40	1.9	4
338	Synthesis of the first representative of the 2,3,6,7-tetrahydro-1H-benzo[d]azonine system from 1-cyanomethyl-2-methyl-1,2,3,4-tetrahydroiso-quinolinium chloride and dimethyl acetylene-dicarboxylate. *Chemistry of Heterocyclic Compounds*, **2010**, 46, 245-247	1.4	4
337	Reactions of 5-dihydrocotarnyl-1,3-dimethylbarbituric acid and other cotarnine derivatives with 1,3-dimethylbarbituric acid. X-ray diffraction analysis of a 5,5-spiro derivative of 1,3-dimethylbarbituric acid. *Russian Chemical Bulletin*, **2002**, 51, 1540-1544	1.7	4
336	Germanium carboxylates: the first X-ray diffraction study of germanium(II) dicarboxylate and germanium(IV) tetracarboxylate. *Applied Organometallic Chemistry*, **2005**, 19, 774-777	3.1	4
335	Substituent effects in bis(arene)chromium compounds containing a CN group in the aromatic ring. *Acta Crystallographica Section B: Structural Science*, **2005**, 61, 304-11		4
334	Heteroorganic betaines. 7. Synthesis and structure of a germanium-containing organophosphorus betaine Et3P+□CHMe□GeMe2S□□*Russian Chemical Bulletin*, **2001**, 50, 1679-1682	1.7	4
333	2-Pyridylselenenyl versus 2-Pyridyltellurenyl Halides: Symmetrical Chalcogen Bonding in the Solid State and Reactivity towards Nitriles. *Symmetry*, **2021**, 13, 2350	2.7	4
332	Adducts of 2-Pyridylselenenyl Halides and Nitriles as Novel Supramolecular Building Blocks: Four-Center Se▩N Chalcogen Bonding versus Other Weak Interactions. *Crystal Growth and Design*,	3.5	4
331	Synthesis and Structural Studies of (2-Oxo-2,3-dihydroimidazo[1,2-a]pyridin-3-yl)acetic Acids. *Heterocycles*, **2004**, 63, 55	0.8	4
330	Polymorphism of Merocyanine Dyes Homologues with 1,3-Diethyl-2-thiobarbituric Acid Acceptor and p-Dimethylaminobenzene Donor and Different Polymethine Chains Connecting Them. *Crystal Growth and Design*, **2020**, 20, 167-177	3.5	4
329	One-Pot Synthesis of Thieno[2,3-b]pyridine and Pyrido[3?,2?:4,5]thieno[3,2-d]pyrimidine Derivatives. *Russian Journal of Organic Chemistry*, **2020**, 56, 974-982	0.7	4
328	Cu- and Cu-Cage Sil- and Germsesquioxanes: Synthetic and Structural Features, Oxidative Rearrangements, and Catalytic Activity. *Inorganic Chemistry*, **2021**, 60, 8062-8074	5.1	4
327	Synthesis of dienes with tetrafluorophenylene bridge based on the catalytic olefination reaction. New promising monomers for the design of molecular architectures with halogen□alogen interactions. *Russian Chemical Bulletin*, **2016**, 65, 1541-1549	1.7	4
326	Facile Synthesis and Self-Assembly of Zinc (2-Diethoxyphosphorylethynyl)porphyrins. *European Journal of Inorganic Chemistry*, **2019**, 2019, 1313-1328	2.3	4
325	Stabilization of the Pd□NHC framework with 1,2,4-triazol-5-ylidene ligands toward decomposition in alkaline media. *Inorganic Chemistry Frontiers*,	6.8	4
324	Synthesis of 1-tetrazolyl-substituted 2,3,4,9-tetrahydro-1H-□-carbolines and their transformations involving activated alkynes. *Chemistry of Heterocyclic Compounds*, **2017**, 53, 575-581	1.4	3

323	Reactions of 3,4-dihydroisoquinolines and dihydrothieno[3,2- c]pyridines with benzyne. *Mendeleev Communications*, **2017**, 27, 506-508	1.9	3
322	Multicomponent synthesis and molecular structure of 3-amino-2-aroyl(alkoxycarbonyl, arylcarbamoyl)-4-aryl(hetaryl)-5-arylcarbamoyl-6-methylthieno[2,3-b]pyridines. *Chemistry of Heterocyclic Compounds*, **2019**, 55, 442-447	1.4	3
321	Using the Ni-[(benzylprolyl)amino]benzophenone complex in the Glaser reaction for the synthesis of bis -amino acids. *New Journal of Chemistry*, **2020**, 44, 11927-11932	3.6	3
320	Cyclocondensation of acetylferrocene under ultrasonic conditions. *Russian Chemical Bulletin*, **2016**, 65, 223-227	1.7	3
319	1,5-Thione-thiol isomerization of 3-O-phosphorylated 1,4-benzodiazepine. *Russian Journal of General Chemistry*, **2014**, 84, 1748-1753	0.7	3
318	Crystal structure of 1,1-di-acetyl-ferrocene dihydrazone. *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, m286-7		3
317	Diastereoselective T-Reaction of 1-Alkyl-5-(5-nitro-2-N-morpholino-benzylidene)barbituric Acids in the Solid State: Synthesis of 1-Alkyl-2,4,6-trioxoperhydropyrimidino-5-spiro-10?-(7?-nitro-1?,3?,4?,9?,10?,10a?-hexahydro-2?-oxa)-4a?-azaphenanthrene and Their 2?-Thia Analogues. *Crystal Growth and Design*, **2014**, 14, 3975-3982	3.5	3
316	Spin exchange in piperidineoxyl polyradicals with bridges containing methylene groups. *Russian Journal of Physical Chemistry B*, **2013**, 7, 708-716	1.2	3
315	Radical-chain oxidative addition mechanism for the reaction of an [Re(CO)5]- anion with -bromostilbene. *Dalton Transactions*, **2013**, 42, 4223-32	4.3	3
314	Oxidation reactions of azines: XIII. Synthesis, molecular structure, and oxidation reactions of 3-methyl-3,3?,4,4?,5,6-hexahydro-1?H,2H-spiro[benzo[f]isoquinoline-1,2?-naphthalen]-1?-one. *Russian Journal of Organic Chemistry*, **2014**, 50, 1797-1803	0.7	3
313	Cycloaddition of di(2-pyridyl) ditelluride to norbornene stimulated by antimony pentachloride. *Chemistry of Heterocyclic Compounds*, **2012**, 48, 1085-1089	1.4	3
312	3-Bromo-7-meth-oxy-2-phenyl-imidazo[2,1-b][1,3]benzothia-zole. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o531		3
311	Trifluoroacetylacetonate rhodium(III) methyl complexes, cis-[Rh(TFA)(PPh3)2(CH3)(L)][BPh4] and cis-[Rh(TFA)(PPh3)2(CH3)(I)] (L=CH3CN, NH3, pyridine), in comparison with their acetylacetonate analogs. *Journal of Organometallic Chemistry*, **2011**, 696, 3214-3222	2.3	3
310	Vibrational spectra and structural features of carbene analogs ElII(OCH2CH2NMe2)2 and ClElIIOCH2CH2NMe2 (ElII = Ge, Sn, Pb). *Russian Chemical Bulletin*, **2011**, 60, 69-80	1.7	3
309	8a-Methyl-5,6,8,8a,9,10-hexa-hydro-10,12a-epoxy-isoindolo[1,2-a]isoquinolinium iodide. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o1388-9		3
308	rac-5-Acetyl-6-hy-droxy-3,6-dimethyl-4-phenyl-2H-4,5,6,7-tetra-hydro-indazol-1-ium chloride. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o1848		3
307	Methyl 4,5-diacet-oxy-1-oxo-2-phenyl-perhydro-4,6-epoxy-cyclo-penta-[c]pyridine-7-carboxyl-ate ethanol solvate. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o2981		3
306	Crystal structures of ethyl-4-(5-bromo-2-hydroxyphenyl)-6-methyl-2-oxo-1,2,3,4-tetrahydropyrimidine-5-carboxylate and ethyl-1-methyl-15-oxo-2-oxa-14,16-diazatetracyclo [11.3.1.03,12.06,11]heptadeca-3,5,7,9,11-pentaene-17-carboxylate. *Journal of Structural Chemistry*, **2009**, 50, 505-509	0.9	3

305	1,3-Benzothia-zole-2(3H)-selone. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o3050		3
304	Methyl (9aR*,10S*,11R*,13aS*,13bS*)-9-oxo-6,7,9,9a,10,11-hexa-hydro-5H,13bH-11,13a-ep-oxy-pyrrolo-[2',1':3,4][1,4]diazepino[2 *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o2852-3		3
303	Pyridine-2,5-diamine. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o3353		3
302	Unexpected transformation of spiro-3-cyanomethyl-3-methyl-1,2,3,4,5,6-hexahydrobenzo[f]isoquin- olinium-1,2'-(1',2',3',4'-tetrahydro- naphthalen-1'-one) chloride to spiro- 3,4,5,6-tetrahydro-2H-benzo[h]chromene-2,2'-(tetrahydronaphthalen-1'-one). *Chemistry of Heterocyclic Compounds*, **2010**, 46, 123-124	1.4	3
301	First example of Diels–Alder reaction in the 2,3,4,4a-tetrahydroquinoline series. Synthesis of hydrogenated 5,8-ethanoquinolines. *Tetrahedron*, **2010**, 66, 2889-2894	2.4	3
300	Refinement of the structure of the products of the interaction of 4-oxoalkane-1,1,2,2-tetracarbonitriles with aldehydes. *Chemistry of Heterocyclic Compounds*, **1997**, 33, 423-425	1.4	3
299	Oxidation of 2-dialkylaminomethyl-4,6-di-tert-butylphenols. *Russian Chemical Bulletin*, **1997**, 46, 1272-1280	1.7	3
298	Oxidative coupling and unusual hydroxymethylation of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine in the presence of dicyanomethane. *Mendeleev Communications*, **1998**, 8, 193-194	1.9	3
297	6,6-Dimethyl-4,8-dioxospiro[2.5]octane-1,1,2,2-tetracarbonitrile in the synthesis of heterocyclic compounds of the 2,3-dihydrofuran and 5,6,7,8-tetrahydro-4h-chromene series. *Chemistry of Heterocyclic Compounds*, **1998**, 34, 148-158	1.4	3
296	Crystal and molecular structures of the complexes of cobalt dichloride with 1-isopropenylimidazole and 1-vinylimidazole. *Russian Journal of General Chemistry*, **2006**, 76, 791-797	0.7	3
295	Hydrothermal synthesis and the crystal structure of borate cancrinite (Na,Ca)2[Na6(AlSiO4)6](BO3) ·2H2O. *Crystallography Reports*, **2006**, 51, 37-41	0.6	3
294	New heteroorganic betaines containing the (+)E15–E14–X(–) and (+)E15–E14(–) structural fragments (E15 = P, As; E14 = Si, Ge, Sn; X = C, S, O, NR). *Russian Chemical Bulletin*, **2002**, 51, 721-753	1.7	3
293	Reactions of 2-methylindole with morpholinals of substituted salicylaldehydes. *Russian Chemical Bulletin*, **2003**, 52, 700-704	1.7	3
292	Synthesis and structure of bismuth-containing complexes [(Ph4BiO)2{2,5-(CH3)2C6H3S(O)} +2 [Ph2Bi2I6]2,[(Ph4Bi]+[PhBi(C5H5N)I3]·[Ph4Sb[Bi4I16]4·2(CH3)2 C=O, and [Ph4Sb +3 [Bi5I18]3· *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2005**, 31, 121-131	1.6	3
291	Heteroorganic betaines. *Russian Chemical Bulletin*, **2000**, 49, 933-941	1.7	3
290	Reaction of 2,2,3,3-tetracyanocyclopropyl ketones with ammonia. *Mendeleev Communications*, **2000**, 10, 25-26	1.9	3
289	Indolopyridines with a bridging heteroatom. 9. Synthesis, structure, and thermolysis of 5-hydroxy-5-(2-pyridyl)-fluorene and 4-azafluorene. *Chemistry of Heterocyclic Compounds*, **1996**, 32, 817-821	1.4	3
288	Reaction of 4-oxoalkane-1,1,2,2-tetracarbonitriles with 1,3,5-trlaryl-2,4-diaza-1,4-pentadienes. *Chemistry of Heterocyclic Compounds*, **1996**, 32, 1200-1212	1.4	3

287	(7aR*,12bS*)-8,12b-Dihydro-7aH-indeno-[1',2':5,6][1,4]selenazino[2,3,4-ij]quinolin-13-ium hydrogen sulfate. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o3286-7		3
286	Structure of 5-nitro-2-tosylaminobenzaldehyde di(morpholin-4-yl)aminal complex with carbon tetrachloride. *Zeitschrift Fur Kristallographie - Crystalline Materials*, **1998**, 213, 296-298	1	3
285	Unconventional Recyclization of Cotarnine under the Action of 1,3-Dimethylbarbituric Acid. *Heterocycles*, **2007**, 71, 13	0.8	3
284	Multicomponent synthesis of nicotinic acid derivatives. *Chemistry of Heterocyclic Compounds*, **2020**, 56, 1579-1585	1.4	3
283	Hydrogen bonding in acetylene containing dichlorodiazaalkadienes. *Mendeleev Communications*, **2020**, 30, 615-617	1.9	3
282	Novel zinc(II)/chitosan-based composite: ultrasound-assisted synthesis, catalytic and antibacterial activity. *Mendeleev Communications*, **2020**, 30, 642-644	1.9	3
281	Synthesis of Pyridazin-3(2H)-one Derivatives by the Reaction of CH-Acids with Dichlorodiazadienes. *European Journal of Organic Chemistry*, **2020**, 2020, 6085-6093	3.2	3
280	Unsaturated carboxylic acids in the one-pot synthesis of novel derivatives of 3,4-dihydro-2H-thiopyran. *Chemistry of Heterocyclic Compounds*, **2021**, 57, 245-252	1.4	3
279	Crystal structure and Hirshfeld surface analysis of 6-amino-8-phenyl-1,3,4,8-tetra-hydro-2-pyrido[1,2-]pyrimidine-7,9-dicarbo-nitrile. *Acta Crystallographica Section E: Crystallographic Communications*, **2021**, 77, 512-515	0.7	3
278	Cu(II), Ni(II), and Co(II) Complexes of Tetradentate Azomethine Ligands: Chemical and Electrochemical Syntheses, Crystal Structures, and Magnetic Properties. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2019**, 45, 867-875	1.6	3
277	Unexpected formation of dinaphthoaza-17-crown-5 ether containing □aminopiperidine subunit. *Mendeleev Communications*, **2019**, 29, 698-699	1.9	3
276	The Structure and Internal Dynamics of R6-p-C6H4-R6 Biradical: EPR, X-ray Crystallography and DFT Calculations. *Applied Magnetic Resonance*, **2019**, 50, 425-439	0.8	3
275	Ultrasound and click chemistry lead to a new chitin chelator. Its Pd(II) complex is a recyclable catalyst for the Sonogashira reaction in water. *Carbohydrate Polymers*, **2021**, 252, 117167	10.3	3
274	Synthesis of blue light emitting heterocycles cyclization of 2-pyridine derived 4-azido-r1,2,3-triazoles. *Organic and Biomolecular Chemistry*, **2021**, 19, 8140-8152	3.9	3
273	Molecular and Crystal Structure of 1-(4-Fluorophenyl)-1,4-Dihydro-1H-Tetrazole-5-Thione and Its Complex with Cadmium(II). *Journal of Structural Chemistry*, **2018**, 59, 1658-1663	0.9	3
272	High antibacterial activity and low toxicity of pyridoxal derivatives of chitosan and their nanoparticles. *Mendeleev Communications*, **2021**, 31, 504-506	1.9	3
271	Synthesis, X-ray structure and biological activity of mono- and dinuclear copper complexes derived from N-{2-[(2-diethylamino(alkyl)imino)-methyl]-phenyl}-4-methyl-benzenesulfonamide. *Inorganica Chimica Acta*, **2021**, 523, 120408	2.7	3
270	Significant impact of lanthanide contraction on the structure of the phenanthroline complexes. *Mendeleev Communications*, **2021**, 31, 853-855	1.9	3

269	An unusual coordination of a 4-azopyrazol-5-one heterocyclic derivative with metals. Synthesis, X-ray studies, spectroscopic characteristics, and theoretical modeling. *Inorganica Chimica Acta*, **2017**, 466, 266-273	2.7	2
268	Ternary palladium Group 12 metal compounds of the Pd5TlAs-type: A case study. *Journal of Solid State Chemistry*, **2019**, 276, 217-225	3.3	2
267	Ion-depended photochromism of oxadiazole containing spiropyrans. *Journal of Photochemistry and Photobiology A: Chemistry*, **2019**, 378, 201-210	4.7	2
266	Facile Synthesis and Self-Assembly of Zinc (2-Diethoxyphosphorylethynyl)porphyrins. *European Journal of Inorganic Chemistry*, **2019**, 2019, 1300-1300	2.3	2
265	Non-rigid molecule of copper(II) diiminate Cu[CF3C(NH)C(F)C(NH)CF3]2, its conformational polymorphism in crystal and structure in solutions (Raman, UV is and quantum chemistry study). *Journal of Molecular Structure*, **2015**, 1098, 246-254	3.4	2
264	A chiral diamine: practical implications of a three-stereoisomer cocrystallization. *Acta Crystallographica Section C, Structural Chemistry*, **2018**, 74, 54-61	0.8	2
263	Synthesis and study of (hexacaprolactam)trionium dodecamolybdophosphate (C6H11NO)6H3[PMo12O40]. *Russian Journal of General Chemistry*, **2016**, 86, 1641-1646	0.7	2
262	Study of Acidic (Tetracaprolactam) Dodecamolybdosilicate of the Composition (C6H11NO)4.5 [Si 12O40]. *Journal of Structural Chemistry*, **2018**, 59, 627-634	0.9	2
261	Synthesis, Structure and Magnetic Properties of Copper(II) Complexes of Diphenyl-(1-propylbenzimidazol-2-yl)methanol. *ChemistrySelect*, **2019**, 4, 8652-8654	1.8	2
260	Racemic estrone methyl ether is the lamellar conglomerate. *Mendeleev Communications*, **2019**, 29, 256-259	1.9	2
259	Reaction of 3-azidoisoxazoles with active methylene compounds. *Mendeleev Communications*, **2019**, 29, 529-530	1.9	2
258	7-Nitro-2-phenyl-imidazo[2,1-b][1,3]benzo-thia-zole. *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, o143-4		2
257	Transformations of 10-Substituted Tetrahydrobenzo[b][1,6]naphthyridines through Interaction with Dehydrobenzene. *Chemistry of Heterocyclic Compounds*, **2014**, 50, 264-270	1.4	2
256	Supramolecular synthesis based on piperidone derivatives and pharmaceutically acceptable co-formers. *Acta Crystallographica Section C: Crystal Structure Communications*, **2013**, 69, 421-7		2
255	Chemical Modification of Plant Alkaloids. 7. T-Reaction of an Aloperine Derivative. *Chemistry of Natural Compounds*, **2017**, 53, 703-707	0.7	2
254	Racemic and enantiopure forms of 3-ethyl-3-phenylpyrrolidin-2-one adopt very different crystal structures. *Chirality*, **2017**, 29, 623-633	2.1	2
253	Comment on "An unexpected formation of the novel 7-oxa-2-azabicyclo[2.2.1]hept-5-ene skeleton during the reaction of furfurylamine with maleimides and their bioprospection using a zebrafish embryo model" by C. E. Puerto Galvis and V. V. Kouznetsov, Org. Biomol. Chem., 2013, 11, 407. *Organic and Biomolecular Chemistry*, **2017**, 15, 6447-6450	3.9	2
252	[3+2] Cycloaddition of o-nitrophenyl azide to 3a,6-epoxyisoindoles. *Chemistry of Heterocyclic Compounds*, **2017**, 53, 1199-1206	1.4	2

251	Synthesis and antimitotic properties of ortho-substituted polymethoxydiarylazolopyrimidines. *Arkivoc*, **2017**, 2017, 151-165	0.9	2
250	Synthesis of 11-methyl-13-azabicyclo[7.3.1]trideca-3,10-diene, a macrobicycle with the 9b-azaphenalene carbon framework, based on the combination of allylboration and intramolecular metathesis. *Russian Chemical Bulletin*, **2014**, 63, 2502-2508	1.7	2
249	2-Bromo-4-phenyl-1,3-thia-zole. *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, o139		2
248	Reactions of tetrahydropyrido[4,5-d][1,2,4]triazolo[1,5-a]-pyrimidin-4-ones with activated alkynes. Synthesis of [1,2,4]triazolo[1?,5?:1,2]pyrimido[4,5-d]azocines. *Russian Chemical Bulletin*, **2012**, 61, 1603-1608	1.7	2
247	6-(4-Chloro-phen-yl)-3-methyl-imidazo[2,1-b]thia-zole. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o1701		2
246	Dichloridobis(pyridine-2-seleno-lato-κ2 N,Se)tin(IV). *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, m364-5		2
245	A novel synthesis of indolines by reaction of ortho-nitrophenylmalonates with bis(dimethylamino)methane. *Tetrahedron Letters*, **2011**, 52, 6713-6715	2	2
244	A new stable monomeric lead(ii) dithiolate Pb(SCH(2)CH(2)NMe(2))(2): an interplay between a dynamic "flip-flop" process in solution and conformational isomerism in the solid-state. *Dalton Transactions*, **2010**, 39, 9480-3	4.3	2
243	(6aS*,6bS*,11R*,11aR*)-6-(2-Furyl-methyl)-5,12-dioxo-5,6,6a,6b,7,11,11a,12-octa-hydro-furo[3',2':5,6]isoindolo[2,1-a]quin acid. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o3031-2		2
242	Remarkable dependence of the regioselectivity of free radical additions to 3-cinnamoyloxazolidin-2-ones on the stability of the intermediate adduct-radical, electrophilicity of the adding radicals and the conditions for their generation. *Journal of the Chemical Society Perkin Transactions 1*, **1997**, 3101-3106		2
241	Indolopyridines with a bridging heteroatom. *Chemistry of Heterocyclic Compounds*, **1997**, 33, 691-697	1.4	2
240	Synthesis, structures, and properties of spiro[6-azaperimidine-2,4?-cyclohexa-2?,5?-dien]-1?-one derivatives. *Russian Chemical Bulletin*, **1997**, 46, 1924-1930	1.7	2
239	Molecular and crystal structure of 2-cyano-(2E)-pentadien-2,4-oic acid and ethyl-2-cyano-(2E)-pentadien-2,4-oate. *Russian Chemical Bulletin*, **1998**, 47, 1935-1939	1.7	2
238	On products of reaction of imidazole with benzoyl chloride under conditions of the Regel-Buchel reaction. *Russian Chemical Bulletin*, **1998**, 47, 1550-1552	1.7	2
237	The interaction of 1,1,2-tricarbamoyl-2-cyanoethane with alkyl vinyl ketones A new approach to [3.3.3]propellanes. *Tetrahedron Letters*, **1998**, 39, 4705-4706	2	2
236	Deprotonation induced dioxygen activation and ligand oxidation by dipyrromethane-palladium complexes. *Journal of Porphyrins and Phthalocyanines*, **2008**, 12, 1137-1145	1.8	2
235	Chemical modification of plant alkaloids. 5. Spirocyclic systems based on cotarnine and barbituric acids. *Chemistry of Natural Compounds*, **2008**, 44, 48-54	0.7	2
234	Synthesis and molecular structure of 2,4,8a-triaryl-6-methylperhydro[1,3,2]dioxaborinino[5,4-c]pyridines. *Russian Chemical Bulletin*, **2004**, 53, 842-845	1.7	2

233	Heteroorganic betaines. 8. Synthesis and structures of silicon- and germanium-containing organoarsenic betaines R13As+CR2R3EMe2S(E = Si, Ge). *Russian Chemical Bulletin*, **2002**, 51, 678-683	1.7	2
232	Synthesis and X-ray diffraction study of 5-(8-methoxy-2-methyl-6,7-methylenedioxy-1,2,3,4-tetrahydroisoquinolin-1-yl)-1,3-dimethylbarbituric acid. *Russian Chemical Bulletin*, **2003**, 52, 706-709	1.7	2
231	The germanium(II) ate complex [Ph3PiPr][Ge(OCOMe)3]: the first structurally characterized compound containing a discrete [E14(II)O3](E14(II) = Si, Ge, Sn or Pb) anion. *Applied Organometallic Chemistry*, **2005**, 19, 360-362	3.1	2
230	Synthesis, Structure, and Biological Activity of [2.2]Paracyclophane Derivatives. 8. -Pyridyl([2.2]paracyclophan-4-yl)-phenylmethanol: Structure of the Complex with Cu(II) Chloride and Intramolecular Cyclization. *Chemistry of Heterocyclic Compounds*, **2005**, 41, 745-753	1.4	2
229	Crystal and Molecular Structure of Bis(1-Vinylimidazole)diacetatozinc. *Russian Journal of General Chemistry*, **2005**, 75, 1469-1474	0.7	2
228	Formation of Isomeric 3-Azabicyclo[3.3.1]nonanes in a Reaction of 1-(2-Hydroxyethoxy)-2,4-dinitrobenzene with Sodium Borohydride, Formaldehyde, and Methylamine. *Russian Journal of Organic Chemistry*, **2005**, 41, 1683-1689	0.7	2
227	Unexpected reaction of 1,1,1,10,10,10-hexafluorodecane-2,4,7,9-tetrone with methyl trifluoroacetate. *Russian Chemical Bulletin*, **2001**, 50, 101-103	1.7	2
226	Structural Studies of Novel Coordination Compounds Run in the Nesmeyanov Institute of Organoelement Compounds, Russian Academy of Sciences. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2001**, 27, 221-258	1.6	2
225	Stereoselective dimerization of chiral -bromoamides promoted by Fe(CO)5. *Russian Chemical Bulletin*, **2001**, 50, 548-550	1.7	2
224	Oxidizing Reactions of Azines. 7. Imination of 4-Aryl-1,2,3,6-tetrahydropyridines by Arylamines in the Presence of Potassium Permanganate. Molecular Structure of 1-Methyl-2-(4-nitrophenylimino)-4-phenyl-1,2,5,6-tetrahydropyridine. *Chemistry of Heterocyclic Compounds*, **2001**, 37, 715-722	1.4	2
223	Heteroorganic betaines. *Russian Chemical Bulletin*, **2000**, 49, 1583-1592	1.7	2
222	Reaction of stereoisomeric bis(cyclohexyl)-2,2?-diones with hydrogen peroxide: structure of the formed adducts. *Russian Chemical Bulletin*, **1995**, 44, 907-912	1.7	2
221	Structure and conformational flexibility of hexamethyldiperoxacyclononane. *Russian Chemical Bulletin*, **1995**, 44, 105-107	1.7	2
220	The Interaction of 1,1,2-Tricarbamoyl-2-cyanoethane with Crotonaldehyde. *Mendeleev Communications*, **1995**, 5, 236-237	1.9	2
219	Hybrid Organic Lead Iodides: Role of Organic Cation Structure in Obtaining 1D Chains of Face-Sharing Octahedra vs 2D Perovskites. *Chemistry of Materials*, **2022**, 34, 935-946	9.6	2
218	Exploring Supramolecular Assembly Space of Cationic 1,2,4-Selenodiazoles: Effect of the Substituent at the Carbon Atom and Anions.. *Molecules*, **2022**, 27,	4.8	2
217	Crystal structure and Hirshfeld surface analysis of 5-acetyl-2-amino-4-(4-bromo-phen-yl)-6-oxo-1-phenyl-1,4,5,6-tetra-hydro-pyridine-3-carbo-nitrile.. *Acta Crystallographica Section E: Crystallographic Communications*, **2022**, 78, 291-296	0.7	2
216	Dimethyl 11,13-dimethyl-16-[1,2-bis-(methoxy-carbon-yl)ethen-yl]-12-oxo-16,17-dioxa-18-aza-hexa-cyclo-[7.5.1.1.1.1.0]octa-deca *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 65, o3243-4	1	2

215	Arylhydrazones of □-keto esters via methanolysis of dichlorodiazabutadienes: synthesis and structural study. *Mendeleev Communications*, **2021**, 31, 677-679	1.9	2
214	Synthesis and biological evaluation of novel phane-structured diazacrowns containing □piperidone and pyridine rings. *Mendeleev Communications*, **2020**, 30, 753-755	1.9	2
213	Temperature sensing in Tb/Eu-based tetranuclear silsesquioxane cages with tunable emission.. *RSC Advances*, **2021**, 11, 34735-34741	3.7	2
212	Synthesis of a Novel Crown-Fused Tetraphenylporphyrin. *Macroheterocycles*, **2013**, 6, 74-76	2.2	2
211	Synthesis, crystal structure studies and solvatochromic behaviour of two 2-{5-[4-(dimethylamino)phenyl]penta-2,4-dien-1-ylidene}malononitrile derivatives. *Acta Crystallographica Section C, Structural Chemistry*, **2019**, 75, 1175-1181	0.8	2
210	Transposition of Aromaticity from a Furan to a Cyclohexane Ring in Furoisoindoles During the Interaction of 3-(Furyl)allylamines with Bromomaleic Anhydride. *Synlett*, **2020**, 31, 255-260	2.2	2
209	Hydrogenation of plant polyalkoxybenzene derivatives: convenient access to coenzyme Q0 analogues. *Mendeleev Communications*, **2020**, 30, 599-601	1.9	2
208	IDENTIFICATION OF SUPRAMOLECULAR DIMERS IN THE CRYSTAL STRUCTURE OF (Z)-1-(((5-FLUOROPYRIDIN-2-YL)AMINO)METHYLENE)NAPHTHALEN-2(1H)-ONE via C(sp2)□?F HYDROGEN BONDING: A COMBINED EXPERIMENTAL AND THEORETICAL STUDY. *Journal of Structural Chemistry*, **2021**, 62, 460-466	0.9	2
207	3-Amino-1,2,4-triazolium salts as NHC-proligands: synthesis and postmodification of a new type of amino-functionalized Pd/NHC complexes. *Mendeleev Communications*, **2021**, 31, 176-178	1.9	2
206	Water-soluble triazole chitin derivative and its based nanoparticles: Synthesis, characterization, catalytic and antibacterial properties. *Carbohydrate Polymers*, **2021**, 257, 117593	10.3	2
205	A balance of redox and ligand-exchange processes in the reaction of H2[OsCl6] with thiourea: Isolation and characterization of a novel osmium complex [(NH2)2CSSC(NH2)2]2[OsIVCl6]Cl2□3H2O. *Inorganica Chimica Acta*, **2019**, 484, 352-356	2.7	2
204	Synthesis, structure, and photoluminescent and electroluminescent properties of zinc(II) complexes with bidentate azomethine ligands. *Applied Organometallic Chemistry*, **2021**, 35, e6107	3.1	2
203	CHARGE TRANSFER COMPLEXES OF NITRO DERIVATIVES OF 9,10-PHENANTHRENEQUINONE WITH ANTHRACENE. CRYSTAL AND MOLECULAR STRUCTURES OF THE (1:1) COMPLEX OF 2,4,7-TRINITRO- 9,10-PHENANTHRENEQUINONE WITH ANTHRACENE. *Journal of Structural Chemistry*, **2021**, 62, 137-146	0.9	2
202	Crystal structure of 2-[()-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. *Acta Crystallographica Section E: Crystallographic Communications*, **2021**, 77, 305-308	0.7	2
201	Multicomponent Synthesis of 4-Alkyl(Aryl, Hetaryl)-2-alkoxycarbonyl(aroyl, carbamoyl)-3,6-diamino-5-cyanothieno[2,3-b]pyridines. *Russian Journal of Organic Chemistry*, **2018**, 54, 1435-1445	0.7	2
200	Crystal structure and Hirshfeld surface analysis of ()-2-amino-4-(2,6-di-chloro-phen-yl)-5-(1-hy-droxy-ethyl-idene)-6-oxo-1-phenyl-1,4,5,6-tetra-hydro-pyridine-3-carbo-nitrile *Acta Crystallographica Section E: Crystallographic Communications*, **2021**, 77, 930-934	0.7	2
199	Synthesis and ethylene-promoted metathesis of adducts of tandem [4+2]/[4+2] cycloaddition between bis-furyl dienes and maleic acid derivatives. *New Journal of Chemistry*, **2021**, 45, 3400-3407	3.6	2
198	Synthesis, molecular and crystalline structure of 2-(alkylsulfanyl)-4-aryl(hetaryl)-5,6,7,8-tetrahydroquinoline-3-carbonitriles. *Chemistry of Heterocyclic Compounds*, **2019**, 55, 839-843	1.4	1

197	Arylglyoxal oximes as putative C-nucleophiles in eliminative nucleophilic substitution process. *Mendeleev Communications*, **2019**, 29, 296-298	1.9	1
196	Reaction of 1-(2-Oxocyclohexyl)ethane-1,1,2,2-tetracarbonitrile with α,β-Unsaturated Aldehydes. *Russian Journal of General Chemistry*, **2019**, 89, 385-390	0.7	1
195	The use of control experiments as the sole route to correct the mechanistic interpretation of mercury poisoning test results: The case of P,C-palladacycle-catalysed reactions. *Journal of Organometallic Chemistry*, **2020**, 916, 121245	2.3	1
194	Ring-expansion synthesis and crystal structure of dimethyl 4-ethyl-1,4,5,6,7,8-hexa-hydro-azonino[5,6-]indole-2,3-di-carboxyl-ate. *Acta Crystallographica Section E: Crystallographic Communications*, **2017**, 73, 338-340	0.7	1
193	Crystal structures and supra-molecular features of 9,9-dimethyl-3,7-di-aza-bicyclo-[3.3.1]nonane-2,4,6,8-tetra-one, 3,7-di-aza-spiro-[bi-cyclo-[3.3.1]nonane-9,1'-cyclo-penta-ne]-2,4,6,8-tetra-one and 9-methyl-9-phenyl-3,7-di-aza-bicyclo-[3.3.1]nonane-2,4,6,8-tetra-one dimethyl-formamide monosolvate. *Acta Crystallographica Section E: Crystallographic Communications*, **2017**, 73, 1097-1101	0.7	1
192	Crystal structures of -[(4-phenyl-thia-zol-2-yl)carbamo-thio-yl]benzamide and -{[4-(4-bromo-phen-yl)thia-zol-2-yl]carbamo-thio-yl}benzamide from synchrotron X-ray diffraction. *Acta Crystallographica Section E: Crystallographic Communications*, **2016**, 72, 1343-1347	0.7	1
191	Crystal structures of the two epimers from the unusual thermal C6-epimerization of 5-oxo-1,2,3,5,5a,6,7,9b-octa-hydro-7,9a-ep-oxy-pyrrolo-[2,1-]iso-indole-6-carb-oxy-lic acid, 5a(),6(),7(),9a(),9b() and 5a(),6(),7(),9a(),9b(). *Acta Crystallographica Section E: Crystallographic Communications*, **2016**, 72, 1429-1433	0.7	1
190	Cage-like Fe,Na-Germsesquioxanes: Structure, Magnetism, and Catalytic Activity. *Angewandte Chemie*, **2016**, 128, 15586-15589	3.6	1
189	Reactions of thieno[2,3-]pyrrolines with dehydrobenzene. *Chemistry of Heterocyclic Compounds*, **2018**, 54, 664-668	1.4	1
188	Coordination Compounds of Bivalent Metals with (Z)-4-(2-Hydroxy-5-nitrophenyl)hydrazono-3-methyl-1-phenyl-1H-pyrazol-5(4H)-one: Crystal and Molecular Structure of C16H13N5O4. *Russian Journal of Inorganic Chemistry*, **2018**, 63, 874-880	1.5	1
187	Crystal Structure of Na2[OsCl6]. *Journal of Structural Chemistry*, **2019**, 60, 1086-1090	0.9	1
186	Synthesis of Functionalized Partially Hydrogenated Quinolines by a Stork Reaction – Intramolecular Transamination – Alkylation Tandem Protocol. *Russian Journal of Organic Chemistry* , **2019**, 55, 1177-1188	0.7	1
185	2-Bromo-1-[1-(4-bromo-phen-yl)-5-methyl-1H-1,2,3-triazol-4-yl]ethanone. *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, o818		1
184	New rhenium(III) complexes with fluorinated β-diketones. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2012**, 38, 200-206	1.6	1
183	Crystallographic study and molecular modeling on the oxidation product of N-[(8R)-2-methoxy-5,6,7,8,9,10-hexahydro-6,9-methanocyclohepta[b]indol-8-yl]acetamide. *Russian Journal of Organic Chemistry*, **2012**, 48, 552-555	0.7	1
182	Electron transfer in the peroxytrifluoroacetic acid-assisted sulfoxidation and oxidative destruction of benzhydryl sulfides. *Russian Chemical Bulletin*, **2013**, 62, 1164-1175	1.7	1
181	Diorganyl dichalcogenides with intramolecular coordination interactions: the synthesis and structure of bis(4,6-dimethylpyrimidin-2-yl) diselenide. *Russian Chemical Bulletin*, **2013**, 62, 2462-2466	1.7	1
180	Synthesis and characterization of acetamidine rhodium(III) cationic methyl complex, trans-[Rh(Acac)(PPh3)2(CH3){NHC(NH2)CH3}][BPh4], produced by ammination of acetonitrile ligand in trans-[Rh(Acac)(PPh3)2(CH3)(CH3CN)][BPh4]. *Journal of Organometallic Chemistry*, **2013**, 735, 47-51	2.3	1

179	Nickel(II) complexes with cytosine and threonine: Synthesis and structure. *Journal of Structural Chemistry*, **2017**, 58, 1318-1323	0.9	1
178	Crystal structure of 22,24,25-trimethyl-8,11,14-trioxa-25-aza-tetra-cyclo-[19.3.1.0.0]penta-cosa-2,4,6,15(20),16,18-hexaen-23-one. *Acta Crystallographica Section E: Crystallographic Communications*, **2017**, 73, 118-121	0.7	1
177	Physicochemical study of ammonium dicobalt(II)-octa-molybdenum with the composition (NH4)2[Co(H2O)4]2[Mo8O27]6H2O. *Journal of Structural Chemistry*, **2015**, 56, 912-918	0.9	1
176	Crystal structure of rac-(3aR*,9aS*)-4,4,4-tri-chloro-1,2,3,3a,4,9a-hexa-hydro-4[5],9[4]-cyclo-penta-[4,5][1,3]tellurazolo[3,2-a]pyridine. *Acta Crystallographica Section E: Crystallographic Communications*, **2015**, 71, o598-9	0.7	1
175	Crystal structure of 1,3-dimethyl-3-phenyl-pyrrolidine-2,5-dione: a clinically used anti-convulsant. *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, o942-3		1
174	New bifunctional organocatalysts based on (R,R)-cyclohexane-1,2-diamine for the asymmetric addition of nucleophiles to aldehydes. *Russian Chemical Bulletin*, **2012**, 61, 51-58	1.7	1
173	Chemoselectivity of [4 + 2] cycloaddition in N-maleyl- and N-allyl-2,6-difurylpiperidin-4-ones. *Chemistry of Heterocyclic Compounds*, **2012**, 48, 785-794	1.4	1
172	Coupling of methylene-active compounds through a methylene bridge by the action of bis(dimethylamino)methane 1. Synthesis of 2,4-bis(diphenylphosphoryl)glutaronitrile. *Russian Chemical Bulletin*, **2012**, 61, 1250-1254	1.7	1
171	Diorganyl ditellurides with intramolecular coordination bonds: synthesis and structure of bis(4,6-dimethylpyrimidin-2-yl) ditelluride. *Russian Chemical Bulletin*, **2013**, 62, 1877-1881	1.7	1
170	(E)-1,5-Di-phenyl-pent-2-en-4-yn-1-one. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o911		1
169	1-Methyl-3-(2-oxo-2H-chromen-3-yl)-1H-imidazol-3-ium picrate. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o839		1
168	3-(4-Meth-oxy-phen-yl)-1,3-selenazolo[2,3-b][1,3]benzo-thia-zol-4-ium hydrogen sulfate. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o703-4		1
167	rac-(1S*,4aS*,8aS*)-4a-Hy-droxy-2-methyl-perhydro-spiro-[isoquinoline-4,1'-cyclo-hexa-n]-2'-one. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o628		1
166	Synthesis and structures of the CH acid salts obtained in the reactions of malonic acid esters and malononitriles with 2,4,6-trinitrohalobenzenes in the presence of triethylamine. *Russian Chemical Bulletin*, **2011**, 60, 1663-1671	1.7	1
165	Synthesis of pyrrolidine and tetrahydroazonine derivatives from N-[bis(ethoxycarbonyl)methyl]tetrahydropyridinium bromide and methyl acetylenedicarboxylate. *Russian Journal of Organic Chemistry*, **2011**, 47, 1738-1741	0.7	1
164	Supercritical carbon dioxide as a solvent for crystallization and a reaction medium for metallocene derivatives. *Doklady Chemistry*, **2010**, 431, 65-70	0.8	1
163	Methyl 7,8-diacet-oxy-11-oxo-5-(2-oxo-pyrrolidin-1-yl)-7,9-epoxy-cyclo-penta-[4,5]pyrido[1,2-a]quinoline-10-carboxyl-ate sesquihydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2009**, 66, o206-7		1
162	Rearrangement of the cyanomethyl group in cycloammonium zwitterions generated from spiro-4-cyanomethyl-3-methyl-1,2,3,4,5,6-hexahydrobenzo[f]isoquinolinium-1,2'-(1',2',3',4'-tetrahydronaphthalen-1'-one) chloride. *Chemistry of Heterocyclic Compounds*, **2009**, 45, 1410-1412	0.4	1

161	Phosphorus-containing 1, 3-zwitterions formed in the reaction of tributylphosphine with 3-aryl-2-cyanoacrylates. *Russian Chemical Bulletin*, **2009**, 58, 2397-2399	1.7	1
160	Synthesis, structure and thermal decomposition of cycloalkanone enamine peroxides. *Mendeleev Communications*, **2009**, 19, 334-336	1.9	1
159	(2E,25E)-11,14,17,33,36,39,42-Hepta-oxa-penta-cyclo-[41.4.0.0.0.0]hepta-tetra-conta-1(43),2,5(10),6,8,18,20,22,25,27,29,3 *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o1128-9		1
158	Dichloridobis(pyridine-2-thiol-ato-κN,S)tin(IV): a new polymorph. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, m875-6		1
157	[N-(1-Aza-nidyl-2,2,2-trichloro-ethyl-idene)-2,2,2-trichloro-ethanimidamide]-copper(II). *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, m1220-1		1
156	(3aS,4S,6S,7aR)-Hexahydro-3a,5,5-trimethyl-2-phenyl-4,6-methano-1,3,2-benzodioxaborole. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o3103		1
155	Crystal structure of 4,5-bis-phenyl-8a-phenyl-3,4,4a,5,6,8a-hexahydro-1H,8H-pyrimido[4.5-d]pyrimidine-2,7-dione. *Journal of Structural Chemistry*, **2010**, 51, 1001-1004	0.9	1
154	1-R-2-[(1E,3E)-4-Aminobuta-1,3-dien-1-yl]-1H-benzimidazoles. Synthesis and some transformations. *Russian Chemical Bulletin*, **2010**, 59, 1014-1022	1.7	1
153	An unexpected product of the reaction of organophosphorus betaines containing a P+CSiS fragment with acetyl chloride. *Mendeleev Communications*, **1997**, 7, 10-11	1.9	1
152	Unusually ready hydrolysis of nitrile groups in 1,1,2,2-tetracyanoethane by pyruvic acid. *Chemistry of Heterocyclic Compounds*, **1997**, 33, 1272-1275	1.4	1
151	Isomerization of 2-aryl-5,6-tetramethylene-3,3,4-tricyano-2,3,4,5-tetrahydropyridine-4-carbox-amides under the influence of acids. *Chemistry of Heterocyclic Compounds*, **1997**, 33, 452-456	1.4	1
150	Interaction of 2-aryl-6-hydroxy-5,6-tetra-methyl-enepiperidine-3,3,4,4-tetracarbonitriles and 2-aryl-5,6-tetramethylene-3,3,4-tricyano-2,3,4,5-tetrahydropyridine-4-carboxamides with ammonia. *Chemistry of Heterocyclic Compounds*, **1997**, 33, 457-464	1.4	1
149	Diastereoselective bromination of(R)-N-cinnamoyl-4-phenyloxazolidin-2-one in the presence of Lewis acids. *Russian Chemical Bulletin*, **1997**, 46, 982-989	1.7	1
148	Oxidative reactions of azines. *Russian Chemical Bulletin*, **1997**, 46, 1916-1919	1.7	1
147	Novel reactions of arylmalonate carbanions. The reaction with phenyl isocyanate resulting in carbamates by 1,3-C-N migration of the ethoxycarbonyl group. *Russian Chemical Bulletin*, **2007**, 56, 1671-1674	1.7	1
146	Complex of palladium(II) with a macrocylic ligand derived from thiophene-2,5-carboxamide and bipyrrole. *Journal of Structural Chemistry*, **2007**, 48, 977-980	0.9	1
145	Synthesis and molecular structure of substituted 2-hydroxyperhydro-[1,3,2]dioxaborinino[5,4-c]pyridines, perhydro[1,3]dioxano[5,4-c]pyridine, and their precursor-4-hydroxy-3-(α-hydroxybenzyl)-1-methyl-4-phenylpiperidine. *Chemistry of Heterocyclic Compounds*, **2008**, 44, 1404-1412	1.4	1
144	Transformations of dibenzo(oxopiperidino)aza-14-crowns-4 upon acylation. Molecular structure of dibenzo-16-crown-3. *Russian Journal of Organic Chemistry*, **2008**, 44, 612-616	0.7	1

143	Intramolecular 1,3-C-C migration of fluorine in a complex formed by 2,4,6-trinitrofluorobenzene and the P-zwitterion. *Russian Chemical Bulletin*, **2006**, 55, 1309-1310	1.7	1
142	Design of molecules and noncentrosymmetric crystals of 3-(4-nitrophenyl)-2-phenylacrylic acid derivatives. *Crystallography Reports*, **2003**, 48, 73-83	0.6	1
141	New Subvalent Bismuth Telluroiodides Incorporating Bi2 Layers: The Crystal and Electronic Structure of Bi2TeI.. *ChemInform*, **2005**, 36, no		1
140	Heteroorganic betaines. *Russian Chemical Bulletin*, **2000**, 49, 929-932	1.7	1
139	Crystal and molecular structures of three germylated steroids. *Russian Chemical Bulletin*, **1999**, 48, 117-123	1.7	1
138	A New Class of Benzoin Condensation Catalysts: N,N?-Disubstituted o-Phenylenediamines. *Mendeleev Communications*, **1995**, 5, 11-12	1.9	1
137	Synthesis and crystal structure of dinitroxyl crown ether biradical with indole groups in the side chains. *Russian Chemical Bulletin*, **1996**, 45, 875-879	1.7	1
136	1,1,2-tricarbamoyl-2-cyanoethane in condensation processes with aldehydes. *Chemistry of Heterocyclic Compounds*, **1996**, 32, 395-399	1.4	1
135	Novel organosilicon betaines. *Russian Chemical Bulletin*, **1994**, 43, 318-319	1.7	1
134	Aminals in the synthesis of 1,3-substituted propargylamines and 3H-2-vinylidene-3-aminobenzofuran derivatives. *Russian Chemical Bulletin*, **1994**, 43, 413-419	1.7	1
133	Reaction of perfluoro-2-methyl-2-pentene with cycloalkanone oximes: new examples of the Beckmann–Chapman rearrangement. *Russian Chemical Bulletin*, **1994**, 43, 1009-1014	1.7	1
132	8H-Chromeno[2',3':4,5]imidazo[2,1-a]isoquinoline. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o710		1
131	Crystal structure of methyl (3RS,4SR,4aRS,11aRS,11bSR)-5-oxo-3,4,4a,5,7,8,9,10,11,11a-deca-hydro-3,11b-ep-oxy-azepino[2,1-a]iso-indole-4-carboxyl *Acta Crystallographica Section E: Crystallographic Communications*, **2015**, 71, o729-30	0.7	1
130	Synthesis of Functionalized Bicyclic Compounds Based on 2-(1-Arylethylidene)malononitriles. *Russian Journal of Organic Chemistry*, **2019**, 55, 1967-1970	0.7	1
129	Novel tetrazole PtII and PdII complexes with enhanced water solubility: synthesis, structural characterization and evaluation of antiproliferative activity. *Zeitschrift Fur Kristallographie - Crystalline Materials*, **2021**, 236, 23-32	1	1
128	Crystal structure of 1,1'-{(1,1')-[4,4'-(9-fluorene-9,9-di-yl)bis-(4,1-phenyl-ene)]bis-(aza-nylyl-idene)bis(methanylyl-idene)}bis-(naphthalen-2-ol) di-chloro-benzene monosolvate. *Acta Crystallographica Section E: Crystallographic Communications*,	0.7	1
127	An IMDAF approach to annellated 1,4:5,8-diepoxynaphthalenes and their metathesis reaction leading to novel scaffolds displaying an antiproliferative activity toward cancer cells. *New Journal of Chemistry*, **2021**, 45, 19497-19505	3.6	1
126	Charge Transfer Complexes of 1,3,6-Trinitro-9,10-phenanthrenequinone with Polycyclic Aromatic Compounds. *Molecules*, **2021**, 26,	4.8	1

125	Short Approach to Pyrrolopyrazino-, Pyrrolodiazepino-Isoindoles and their Benzo Analogues via the IMDAF Reaction. *Current Organic Synthesis*, **2017**, 14,	1.9	1
124	2,25-Dioxo-27,28-diphenyl-30-oxa-29-thia-3,10,17,24-tetra-aza-penta-cyclo-[24.2.1.1.0.0]triaconta-5,7,9(4),10,12,14,16, chloro-form disolvate. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o660-1		1
123	(1R*,21S*,22R*,24S*)-Methyl ethyl 2-[23-hy-droxy-22,24-diphenyl-8,11,14-trioxa-25-aza-tetra-cyclo-[19.3.1.0(2,7).0(15,20)]penta-cosa-2,4,6,15(20),16,18-hex *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o1023-4		1
122	Theoretical and experimental study of the coordination ability of 4,6-dimethylpyrimidinylhydrazone diacetylmonooxime towards Ni(II), Mn(II), Fe(III) and Co(III) ions. *New Journal of Chemistry*, **2020**, 44, 2146-2154	3.6	1
121	Synthesis, crystal structure and magnetic properties of copper(II) complexes with 4-methyl-N-[2-[(E)-2-pyridyl[alkyl]iminomethyl]phenyl]benzenesulfamide ligands. *Journal of Molecular Structure*, **2020**, 1203, 127450	3.4	1
120	Chromeno[3?,4?:5?,6?]pyrido[2?,3?:4,5]thieno[3,2-e]pyridine. A New Heterocyclic System. Synthesis and Molecular and Crystal Structures. *Russian Journal of Organic Chemistry*, **2020**, 56, 1669-1672	0.7	1
119	Cu(II) and Co(II) Complexes with (4Z)-4-[(2-Diethylaminoethylamino)methylene]-5-Methyl-2-Phenylpyrazol-3-one: Synthesis, Magnetic Properties, and Crystal Structures. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2020**, 46, 485-492	1.6	1
118	Quantum-Chemical Simulation of the Structure of Charge-Transfer Complexes of 9,10-Phenanthrenequinone Nitro-Derivatives with Phenanthrene. Crystal and Molecular Structure of 1 : 1 Complex of 2,4,7-Trinitro-9,10-phenanthrenequinone with Phenanthrene. *Russian Journal of General Chemistry*, **2020**, 90, 1869-1877	0.7	1
117	Nickel - p-block metal mixed chalcogenides based on AuCu-type fragments: iodine-assisted synthesis as a way of obtaining new structures. *Dalton Transactions*, **2020**, 49, 15081-15094	4.3	1
116	SYNTHESIS AND CRYSTAL STRUCTURE OF THE Ni(II) COMPLEX WITH (4Z)-4-[(2-DIETHYLAMINOETHYLAMINO)METHYLENE]- 5-METHYL-2-PHENYLPYRAZOLE-3-ONE. *Journal of Structural Chemistry*, **2020**, 61, 1599-1605	0.9	1
115	Novel titanium(IV) diolate complexes with additional O-donor as precatalyst for the synthesis of ultrahigh molecular weight polyethylene with reduced entanglement density: Influence of polymerization conditions and its implications on mechanical properties. *Applied Organometallic Chemistry*, **2021**, 35, e6256	3.1	1
114	New method for the synthesis of 4-spirocyclopentane- and 4-spirocyclohexanenicotinic acid nitriles and amides. *Russian Chemical Bulletin*, **2021**, 70, 949-959	1.7	1
113	Heteroleptic Crown-Substituted Tris(phthalocyaninates) as Dynamic Supramolecular Scaffolds with Switchable Rotational States and Tunable Magnetic Properties. *Inorganic Chemistry*, **2021**, 60, 9110-9121	5.1	1
112	Crystal structure of (1RS,21SR,22RS,24SR)-28-oxo-24-propyl-8,11,14-trioxa-24,27-di-aza-penta-cyclo[19.5.1.1(22,26).0(2,7).0(15,20)]octa-co acetic acid monosolvate. *Acta Crystallographica Section E: Crystallographic Communications*, **2016**,	0.7	1
111	The synthesis and crystal structure of 2-(chloro-selan-yl)pyridine 1-oxide: the first monomeric organoselenenyl chloride stabilized by an intra-molecular secondary Se?O inter-action. *Acta Crystallographica Section E: Crystallographic Communications*, **2016**, 72, 1864-1866	0.7	1
110	Stereodirected synthesis of alkaloid-like quinolizidine systems. *Natural Product Research*, **2020**, 34, 269-277	2.3	1
109	4-(3-Methoxyphenyl)-5-(2-thienylmethyl)-2,4-dihydro-3H-1,2,4-triazole-3-selone: Synthesis, structural characteristics and reactions. *Journal of Molecular Structure*, **2021**, 1227, 129537	3.4	1
108	Protic Ionic Liquid as Reagent, Catalyst, and Solvent: 1-Methylimidazolium Thiocyanate. *Angewandte Chemie*, **2021**, 133, 8006-8013	3.6	1

107	Synthesis of 2-Alkylsulfanyl-6-amino-4-aryl-5-cyanonicotinonitriles by Recyclization of 2,6-Diamino-4-aryl-3,5-dicyano-4□thiopyrans with Alkyl Halides. *Russian Journal of Organic Chemistry*, **2018**, 54, 1681-1688	0.7	1
106	Nickel-coordinated chiral enols and Michael addition intermediate stabilized by the Ni□ bond. *Mendeleev Communications*, **2018**, 28, 464-466	1.9	1
105	A New Version of Multicomponent Synthesis of 4,6-Diaryl-2-sulfanylidene-1,2-dihydropyridine-3-carbonitrile Derivatives. *Russian Journal of Organic Chemistry*, **2018**, 54, 1273-1284	0.7	1
104	Synthesis and structural investigation of 4,4?-dimethyl-[3,3?-bi(1,2,5-oxadiazole)] 5,5?-dioxide. *Russian Chemical Bulletin*, **2018**, 67, 2044-2048	1.7	1
103	New Options of Multicomponent Condensations Leading to Functional Derivatives of 2-Pyridons. *Russian Journal of Organic Chemistry*, **2021**, 57, 1809-1823	0.7	1
102	Synthesis and in vitro antifungal activity of selenium-containing chitin derivatives. *Mendeleev Communications*, **2022**, 32, 357-359	1.9	1
101	Crystal structure of 3-benzyl-2-[()-2-(furan-2-yl)ethen-yl]-2,3-di-hydro-quinazolin-4(1)-one and 3-benzyl-2-[()-2-(thio-phen-2-yl)ethen-yl]-2,3-di-hydro-quinazolin-4(1)-one from synchrotron X-ray diffraction. *Acta Crystallographica Section E: Crystallographic Communications*, **2018**, 74, 10-14	0.7	0
100	New biionic transition metal complexes based on the salen ligands: synthesis and application as synthons in the preparation of chiral homo- and heterobimetallic systems. *Russian Chemical Bulletin* , **2011**, 60, 1612-1619	1.7	0
99	Unexpected course for the reaction of 1-di(ethoxycarbonyl)methyl-1-methyl-4-phenyl-1,2,3,6-tetrahydropyridinium bromide with dimethyl acetylenedicarb-oxylate in the presence of triethylamine. *Chemistry of Heterocyclic Compounds*, **2009**, 45, 1408-1409	1.4	0
98	Crystal structure of 1-(4-bromo-9-methyl-11-thioxo-8-oxa-10,12-diazatricyclo[7.3.1.02.7]trideca-2,4,6-trien-13-yl)ethanone. *Journal of Structural Chemistry*, **2010**, 51, 998-1000	0.9	0
97	2,12-Dichloro-10,20-diphenyl-5,7,15,17-tetrahydro-6H,16H-dibenzo[d,l][1,9,2,6,10,14]dioxotetraazacyclohexadecine-6,16 dioxane solvate as a potential macrocyclic hexadentate ligand. *Acta Crystallographica Section C: Crystal Structure Communications*, **2007**, 63, o374-7		0
96	Synthesis and molecular structure of 4-nitro-9-phenyl-1H-and 9-hydroxy-3-oxo-9-phenyl-2,3-dihydro-9H-indeno-[2,1-c]pyridines and 3,7-diphenyl-3a, 4,5,6-tetrahydroindeno[2,1-c]isoxazolo[5,4-d]pyridine. *Chemistry of Heterocyclic Compounds*, **2007**, 43, 1181-1188	1.4	0
95	The interaction of 2,5-diphenyl-3,3,4,4-tetracyanopyrrolidine with vinyl ketones. *Mendeleev Communications*, **1996**, 6, 111-112	1.9	0
94	Three-component reaction between isatoic anhydride, amine and meth-yl-subs-tituted furyl-acryl-alde-hydes: crystal structures of 3-benzyl-2-[()-2-(5-methylfuran-2-yl)vin-yl]-2,3-di-hydro-quinazolin-4(1)-one, 3-benzyl-2-[()-2-(furan-2-yl)-1-methyl-vin-yl]-2,3-di-hydro-quinazolin-4(1)-one and	0.7	0
93	Osmium(IV) Halide Complexes with Dimethyl Sulfoxide[H(dmso)2][OsX5(dmso-D)], X=Cl, Br: Synthesis, Structure, and Properties. *ChemistrySelect*, **2020**, 5, 330-334	1.8	0
92	Anion mediated switching from mono- to polymer structure in copper(II) complexes with 4,6-dimethylpyrimidinylhydrazone 1-phenyl-3-methyl-4-formylpyrazol-5-one. *Inorganica Chimica Acta*, **2020**, 502, 119284	2.7	0
91	New water-soluble derivatives of chitin and their based nanoparticles: Antibacterial and catalytic activity. *International Journal of Biological Macromolecules*, **2020**, 163, 2005-2012	7.9	0
90	Synthesis and Properties of 3-Substituted 2H-Chromen-2-ones. *Russian Journal of Organic Chemistry* , **2020**, 56, 1123-1131	0.7	0

89	Crystal structure and Hirshfeld surface analysis of 6-amino-8-(2,6-di-chloro-phen-yl)-1,3,4,8-tetra-hydro-2-pyrido[1,2-]pyrimidine-7,9-dicarbo-nitrile. *Acta Crystallographica Section E: Crystallographic Communications*, **2021**, 77, 516-521	0.7	0
88	Monoprotonated Dimethyl Sulfoxide, [HOSMe2]+: Synthesis, Crystal Structure, Spectroscopic and Theoretical Studies of [HOSMe2]2[OsCl6] ? 2H2O. *ChemistrySelect*, **2021**, 6, 5211-5217	1.8	0
87	Crystal structure and Hirshfeld surface analysis of ethyl 6'-amino-2'-(chloro-meth-yl)-5'-cyano-2-oxo-1,2-di-hydro-spiro-[indoline-3,4'-pyran]-3'-carboxyl-ate. *Acta Crystallographica Section E: Crystallographic Communications*, **2021**, 77, 739-743	0.7	0
86	Synthesis, characterization, DFT calculations, and biological activity of copper(II) complexes with 1,1,1-trifluoro-4-(2-methoxyphenyl)butan-2,4-dione. *Journal of Molecular Structure*, **2019**, 1176, 515-528	3.4	0
85	Structure, nitric oxide (NO) generation and antitumor activity of binuclear tetranitrosyl iron complex with 4-aminothiophenolyl as nitrosyl ferredoxins mimic. *Journal of Coordination Chemistry*, **2021**, 74, 743-761	1.6	0
84	Synthesis, structures, and reactivity of isomers of [RuCp*(1,4-(MeN)CH)]. *Dalton Transactions*, **2021**, 50, 13020-13030	4.3	0
83	4-Phenyl-5-(2-Thienylmethyl)-2,4-Dihydro-3H-1,2,4-Triazole-3-Selone and 3,3'-Di[4-Phenyl-5-(2-Thienylmethyl)-4H-1,2,4-Triazolyl] Diselenide: Synthesis, Structures, and Biocidal Properties. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2021**, 47, 32-42	1.6	0
82	Structure and Properties of a Biradical Containing Acetylene and Phenylene Groups in the Bridge. *Russian Journal of Physical Chemistry B*, **2021**, 15, 212-218	1.2	0
81	Synthesis of 2,3-Bis[amino(benzylsulfanyl)methylidene]butanedinitrile and 2-(Benzylsulfanyl)pyridine-3-carbonitrile derivatives. *Russian Journal of Organic Chemistry*, **2018**, 54, 1785-1789	0.7	0
80	New family of polydentate tetrazole-pyrazoline ligands prepared by the azido-Ugi reaction. *Mendeleev Communications*, **2021**, 31, 48-50	1.9	0
79	Quantum-Chemical Simulation of Charge-Transfer Complexes of 2,4,7-Trinitro-9H-fluoren-9-one with Donor Molecules. Crystal and Molecular Structure of the 1 : 1 Complex of 2,4,7-Trinitro-9H-fluoren-9-one with Anthracene. *Russian Journal of General Chemistry*, **2022**, 92, 212-223	0.7	0
78	Synthesis of Selenium-Containing Chitosan Derivatives and Their Antibacterial Activity. *Applied Biochemistry and Microbiology*, **2022**, 58, 132-135	1.1	0
77	First example of cationic titanium (III) complexes with crown ether as catalysts for ethylene polymerization. *European Polymer Journal*, **2022**, 170, 111166	5.2	0
76	Synthesis of functionalized tetrahydropyridones by the tandem Knoevenagel–Michael–intramolecular ammonolysis–alkylation reaction. *Russian Chemical Bulletin*, **2021**, 70, 2145-2155	1.7	0
75	Crystal structure and Hirshfeld surface analysis of 1-(-butyl-amino)-3-mesitylpropan-2-ol hemi-hydrate.. *Acta Crystallographica Section E: Crystallographic Communications*, **2022**, 78, 525-529	0.7	0
74	Aurophilic Interactions in Cationic Three-Coordinate Gold(I) Bipyridyl/Isocyanide Complex. *Crystals*, **2022**, 12, 613	2.3	0
73	Crystal, Molecular, Electronic Structures and Spectroscopic Characteristics of N-Hydroxyamide of 3-[3,3-Dimethyl-1,2,3,4-Tetrahydroisoquinolin-1-Iden]-2-Oxopropanoic Acid. *Journal of Structural Chemistry*, **2019**, 60, 1396-1406	0.9	
72	Cadmium(II) and Nickel(II) 1-Oxypyridyl-2-Selenolates: Synthesis and Molecular and Crystal Structures. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2019**, 45, 320-325	1.6	

71	Synthesis and characterization of the acid hexamolybdocobaltate(III) complex with amino acid glycine of composition (H3O)3[CoMo6O18(OH)6][H3NCH2COO)2(H2O)5. *Russian Chemical Bulletin*, **2020**, 69, 1030-1034	1.7
70	Synthesis and Structural Study of Dichlorodiazadienes Derived from 4-Methoxybenzaldehyde. *Russian Journal of Organic Chemistry*, **2020**, 56, 185-192	0.7
69	Unusual thermolysis of aza-cyclic allene under microwave conditions: crystal structure of (3,3a,8,8a)-methyl 5,6-dimeth-oxy-3a,10-dimethyl-1-phenyl-3,3a,8,8a-tetra-hydro-3,8-(epimino-methano)-cyclo-penta-[]indene-2-carboxyl-at from synchrotron X-ray diffraction. *Acta Crystallographica Section E: Crystallographic Communications*, **2017**, 73, 1770-1773	0.7
68	Z/E-Isomerism of 3-[4-(dimethylamino)phenyl]-2-(2,4,6-tribromophenyl)acrylonitrile: crystal structures and secondary intermolecular interactions. *Acta Crystallographica Section C, Structural Chemistry*, **2018**, 74, 69-74	0.8
67	Synthesis, Structure, and Analgesic Properties of Phosphorylated Dihydro-1,4-Benzodiazepin-2-Ones*. *Pharmaceutical Chemistry Journal*, **2016**, 50, 229-233	0.9
66	-acyl derivatives with acetylenecarboxylic acids esters. *Russian Journal of Organic Chemistry*, **2016**, 52, 219-222	0.7
65	Chemical Modification of Plant Alkaloids. 8. Stereocontrolled T-Reactions of (1R,5S,12S)-Tetrahydrocytisine Derivatives. *Chemistry of Natural Compounds*, **2018**, 54, 739-744	0.7
64	Hydrated Dodecatungstatosilicate Complex with Protonated 1,2-Phenylenediamine (C6H9N2)3(H3O)SiW12O40 8H2O: Synthesis and Crystal Structure. *Russian Journal of Inorganic Chemistry*, **2018**, 63, 894-898	1.5
63	One-pot synthesis of (1,21)-diethyl 2-[23-amino-22-eth-oxy-carbonyl-8,11,14-trioxa-25-aza-tetra-cyclo-[19.3.1.0.0]penta-cosa-2,4,6,15(20),16,18,22-heptaen-2 *Acta Crystallographica Section E: Crystallographic Communications*, **2018**, 74, 1281-1284	0.7
62	Ionic Pd/NHC Catalytic System Enables Recoverable Homogeneous Catalysis: Mechanistic Study and Application in the Mizoroki-Heck Reaction. *Chemistry - A European Journal*, **2019**, 25, 16439	4.8
61	Rhodium(III) cationic methyl complexes containing dimethylformamide ligand, cis-[Rh(-diket)(PPh3)2(CH3)(DMF)][BPh4] (-diket = acetylacetonate or benzoylacetonate), in comparison with their acetonitrile analogs. *Journal of Organometallic Chemistry*, **2014**, 774, 1-5	2.3
60	3-Bromo-2-[4-(methyl-sulfan-yl)phen-yl]-5,6,7,8-tetra-hydro-1,3-benzo-thia-zolo[3,2-a]imidazole. *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, o596-7	
59	Synthesis, structural and spectral features of CH-Acids: Amides of 2,4-dinitrophenylcyanoacetic acid and their ammonium salts. *Russian Journal of General Chemistry*, **2013**, 83, 959-968	0.7
58	Reaction of methyl 2,4-dioxobutanoates with tetracyanoethylene. *Russian Journal of General Chemistry*, **2017**, 87, 1490-1494	0.7
57	Crystal structure of cyclo-tris-(,3,4,5,6-tetra-fluoro-o-phenyl-ene-) C (1):C (2))trimercury-tetra-cyano-ethyl-ene (1/1). *Acta Crystallographica Section E: Crystallographic Communications*, **2015**, 71, 1375-8	0.7
56	Synthesis and reactivity of 3-(2,2-dimethylhydrazono)-5-R-cyclopentane-1,1,2,2-tetracarbonitriles. *Russian Journal of General Chemistry*, **2015**, 85, 2285-2290	0.7
55	X-ray diffraction study of ammonium octamolybdate. *Russian Journal of General Chemistry*, **2014**, 84, 1651-1655	0.7
54	(Z)-N-[1-(Aziridin-1-yl)-2,2,2-tri-fluoro-ethyl-idene]-4-bromo-aniline. *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, o550	

53	2-Phenyl-5,6,7,8-tetra-hydro-imidazo[2,1-b][1,3]benzo-thia-zole. *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, o668	
52	Crystal strucutre of rac-methyl (11aR*,12S*,13R*,15aS*,15bS*)-11-oxo-11,11a,12,13-tetra-hydro-9H,15bH-13,15a-ep-oxy-isoindolo[1,2-c]pyrrolo[1,2-a][1 *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, o1225-6	
51	Structure–property relationships for N-phosphoryl substituted E,E-3,5-bis(arylidene)piperid-4-ones. *Journal of Molecular Structure*, **2013**, 1043, 68-74	3.4
50	2-(Adamantan-1-yl)-N-(6-meth-oxy-1,3-benzo-thia-zol-2-yl)acetamide. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o1472	
49	9-[(2-Hy-droxy-benzyl-idene)amino]-11-(2-hy-droxy-phen-yl)-10,13-diphenyl-8-oxa-12-azoniatricyclo-[7.3.1.0]trideca-2(7),3 acetate ethanol disolvate. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o560-1	
48	[Bis(pyridin-2-yl) selenide-κ2N,N′]tetra-chloridotin(IV). *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, m983	
47	Potassium [(1S)-1-azido-2-phenyl-eth-yl]trifluorido-borate. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, m1048	
46	Crystal structure of ethyl 9-methyl-10-phenyl-11-thioxo-8-oxa-10,12-diazatricyclo[7.3.1.02.7] trideca-2(7),3,5-trien-13-carboxylate. *Journal of Structural Chemistry*, **2010**, 51, 968-971	0.9
45	Two directions of interaction of 2-aryl-1,2,3,4-tetrahydropyridine-3,3,4,4-tetracarbonitriles with nucleophiles. *Chemistry of Heterocyclic Compounds*, **1997**, 33, 310-317	1.4
44	The easy hydrolysis of hexacyanocyclopropane, ethyl 1,2,2,3,3-pentacyanocyclopropane-1-carboxylate, 1,2,2,3,3-pentacyanocyclopropane-1-carboxamide, and N,N-dimethyl-1,2,2,3,3-pentacyanocyclopropane-1-carboxamide	1.7
43	X-ray structural study of 2-amino-5,5-dimethoxy-3-cyano-4-dicyanomethylene-4,5-dihydropyrrole and its sodium salt. *Chemistry of Heterocyclic Compounds*, **1998**, 34, 452-458	1.4
42	S-PhenylN,N?-dimethyl-13C2-thiooxamate: a by-product in the synthesis of ethylN,N?-dimethyl-13C2-oxamate. *Acta Crystallographica Section E: Structure Reports Online*, **2007**, 63, o1802-o1804	
41	Stereoselective Synthesis and X-Ray Structure Determination of Labeled [1, 2, 3-13C3]-1-(Phenylsulfinyl)-3-Benzyloxyacetone. *Journal of Chemical Crystallography*, **2007**, 37, 663-667	0.5
40	Unusual tin(II)–iron complexes (RO)2SnFe(CO)4and {[Li][(RO)3SnFe(CO)4]}2(R= CH2CH2NMe2). *Acta Crystallographica Section A: Foundations and Advances*, **2007**, 63, s198-s199	
39	Molecular and crystal structure of diperoxides: X-ray diffraction studies of 2,5-dimethyl-2,5-dihydroperoxyhexane, 2,5-dimethyl-2,5-dihydroperoxyhex-3-ine, 2,5-dimethyl-2,5-di(tert-butylperoxy)hexane, and 1,4-bis[2-(2-tert-butylperoxy)propyl]benzene. *Crystallography Reports*, **2004**, 49, 772-778	0.6
38	Tertiary Acetylenic Alcohols, Ethers, and Esters on the Basis of Isocamphanone, Camphor, Fenchone, Isofenchone, and Adamanthanone. *Russian Journal of General Chemistry*, **2004**, 74, 890-896	0.7
37	Parameters of anisotropic atomic displacements in chemical compounds as criteria for chemical bond types. *Crystallography Reports*, **2003**, 48, 591-593	0.6
36	Synthesis and structure of the 1,2-isopropylidene-α-D-glucofuranose 3,5,6-bis-cyclophosphite complex with tungsten(0) pentacarbonyl. *Journal of Structural Chemistry*, **2005**, 46, 891-894	0.9

35	Molecular and crystal structures of 1-methyl-2-Oxo-3-acetoxy-4-hydroxy-4-(Phenyl)piperidine, 1-ethyl-2-oxo-3,4-dihydroxy-4-(Pyridyl)piperidine, and 1-benzyl-2-oxo-3,4-dihydroxy-4-(Pyridyl)piperidine and the role of hydrogen bonds in molecular packing in crystals. *Crystallography Reports*, **2000**, 45, 78-86	0.6
34	Molecular and crystal structures of 3-benzoyl-4-hydroxy-4-phenyl-(N-methyl)piperidine and 5-hydroxymethylene-4-phenyl-N-methyl-1,2,5,6-tetrahydropyridine. *Crystallography Reports*, **2000**, 45, 444-448	0.6
33	O-Tosylaminobenzaldehyde aminals in the synthesis of 1,3-disubstituted propargylamines, derivatives of 3H-2-vinylidene-3-aminoindoline and quinoline. *Russian Chemical Bulletin*, **1995**, 44, 2142-2146	1.7
32	Formation of H-bonded ionic associates in reactions of 5-nitrosalicylaldehyde with secondary amines. *Russian Chemical Bulletin*, **1995**, 44, 913-916	1.7
31	Synthesis and X-ray structural study of 1-adamantylmethyl 2-cyanoacrylate and 1,10-decanediol bis-2-cyanoacrylate. *Russian Chemical Bulletin*, **1996**, 45, 2172-2176	1.7
30	Synthesis of bisalkenyl ethers by the reaction of 1,1,2,2-tetracyanoethane with □-alkylacroleins in isopropyl alcohol. *Russian Chemical Bulletin*, **1996**, 45, 237-238	1.7
29	Molecular and crystal structure of 4,5,4?,5?-tetrahydro-2,2?-(1,4-phenylene)bisoxazoline. *Russian Chemical Bulletin*, **1996**, 45, 2378-2379	1.7
28	Oxidative reactions of azines. 1. Ketohydroxylation of 4-Phenyl-1,2,5,6-tetrahydropyrines. Synthesis and structure of 3,4-dihydroxy-4-phenylpiperidin-2-ones and their acetoxy derivatives. *Chemistry of Heterocyclic Compounds*, **1996**, 32, 197-201	1.4
27	Reaction of 2-cyanoethane-1,1,2-tricarboxamide with □-alkylacroleins. *Chemistry of Heterocyclic Compounds*, **1996**, 32, 1136-1140	1.4
26	Crystal structure and Hirshfeld analysis of di-tert-butyl 2,2?-[(ethylazanediyl)bis(methylene)]bis(1H-pyrrole-1-carboxylate). *Acta Crystallographica Section E: Crystallographic Communications*, **2020**, 76, 1827-1831	0.7
25	Unexpected synthesis and crystal structure of N-{2-[2-(2-acetylethenyl)phenoxy]ethyl}-N-ethenyl-4-methylbenzenesulfonamide. *Acta Crystallographica Section E: Crystallographic Communications*, **2020**, 76, 1851-1853	0.7
24	Unexpected synthesis and crystal structure of -{2-[2-(2-acetyl-ethen-yl)phen-oxy]eth-yl}--ethenyl-4-methyl-benzene-sulfonamide. *Acta Crystallographica Section E: Crystallographic Communications*, **2020**, 76, 1851-1853	0.7
23	First examples of nickel□aluminum mixed chalcogenides based on the AuCu3-type fragments: Breaking a robust intermetallic bond system in Ni3Al. *Journal of Solid State Chemistry*, **2022**, 306, 122815	3.3
22	Synthesis and structural study of organic two-photon-absorbing cycloalkanone chromophores. *Acta Crystallographica Section C, Structural Chemistry*, **2019**, 75, 1554-1561	0.8
21	Synthesis by deamination reaction and crystal structure at 120 K of (16,19)-18-oxo--(pyridin-2-yl)-6,7,9,10-tetra-hydro-18-dibenzo[,][1,4,7]trioxa-cyclo-hexa-decine-17-carboxamide. *Acta Crystallographica Section E: Crystallographic Communications*, **2020**, 76, 1454-1457	0.7
20	Synthesis of the First Dithiaaza-17-Crown-5 Ethers Containing Piperidin-4-One Subunit. *Chemistry of Heterocyclic Compounds*, **2021**, 57, 1057	1.4
19	Novel multicomponent synthesis of 6,7-dihydro-5H-cyclopenta[b]pyridine derivatives. *Chemistry of Heterocyclic Compounds*, **2020**, 56, 1592-1598	1.4
18	Crystal structures of ethyl {2-[4-(4-iso-propyl-phen-yl)thia-zol-2-yl]phen-yl}carbamate and ethyl {2-[4-(3-nitro-phen-yl)thia-zol-2-yl]phen-yl}carbamate. *Acta Crystallographica Section E: Crystallographic Communications*, **2016**, 72, 1321-1325	0.7

17	Crystal structures of (5)-()-4-[5-(furan-2-yl)-3-phenyl-4,5-di-hydro-1-pyrazol-1-yl]-4-oxobut-2-enoic acid and (5)-()-4-[5-(furan-2-yl)-3-(thio-phen-2-yl)-4,5-di-hydro-1-pyrazol-1-yl]-4-oxobut-2-enoic acid. *Acta Crystallographica Section E: Crystallographic Communications*, **2016**, 72, 1557-1561	0.7
16	Crystal structure of bis-{1-phenyl-3-methyl-4-[(quinolin-3-yl)imino-methyl-1-pyrazol-5-olato-zinc methanol 2.5-solvate from synchrotron X-ray diffraction. *Acta Crystallographica Section E: Crystallographic Communications*, **2017**, 73, 1208-1212	0.7
15	A new approach to alkaloid-like systems: synthesis and crystal structure of 1-(2-acetyl-11-meth-oxy-5,6-di-hydro-[1,3]dioxolo[4,5-]pyrrolo-[2,1-]isoquinolin-1-yl)propan-2-one. *Acta Crystallographica Section E: Crystallographic Communications*, **2017**, 73, 1732-1734	0.7
14	Synthesis and molecular structure of bis(areno)piperidinoaza-14(17)-crowns-4(5) **2010**, 44, 456	
13	N,N'-Bis(2-amino-phen-yl)-3,4-diphenyl-thio-phene-2,5-dicarboxamide acetonitrile solvate. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o793	
12	rac-Methyl (3aR*,4S*,5R*,7aR*)-5,7a-bis-(acet-yloxy)-3-oxo-2-phenyl-octa-hydro-1H-iso-indole-4-carboxyl-ate. *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o1555	
11	New Luminescent Tetranuclear Lanthanide-Based Silsesquioxane Cage-Like Architectures. *Chemistry - A European Journal*, **2020**, 26, 16567	4.8
10	Crystal structure and Hirshfeld surface analysis of 3-cyano-4-hy-droxy-2-(4-methyl-phen-yl)-6-oxo--phenyl-4-(thio-phen-2-yl)cyclo-hexane-1-carbox-amide 0.04-hydrate. *Acta Crystallographica Section E: Crystallographic Communications*, **2021**, 77, 366-371	0.7
9	N?-Sulfonyl- and N?-Acylhydrazones of -Diphenylphosphorylalkanones: Synthesis and Structure. *Russian Journal of General Chemistry*, **2021**, 91, 650-656	0.7
8	Synthesis and Structures of 1,3-Dicarbonyl Compounds Based on 9,10-Phenanthrenequinone. Crystal and Molecular Structure of the Lantern-Type Binuclear Copper(II) Complex Cu2[-OOCCH2(C14H8)(CO)2OC2H5]4(NCCH3)2. *Crystallography Reports*, **2019**, 64, 887-893	0.6
7	Composition and Thermal Stability of Al- and Zr-Containing Gels Prepared by a Sol–Gel Synthesis Using N,N-Dimethyloctylamine and Acetylacetone. *Inorganic Materials*, **2018**, 54, 1231-1237	0.9
6	Synthesis and Structure of 1-(1,2,3-Thiadiazolylcarbonyl)-4-(1,2,3-thiadiazolyl)semicarbazide Derivatives. *Russian Journal of General Chemistry*, **2018**, 88, 2209-2212	0.7
5	IMDAV reaction between phenyl-maleic anhydride and thien-yl(fur-yl)allyl-amines: synthesis and mol-ecular structure of (3a,4,4a,7a)-5-oxothieno- and (3a,4,4a,7a)-5-oxofuro[2,3-]iso-indole-4-carb-oxy-lic acids. *Acta Crystallographica Section E: Crystallographic Communications*, **2018**, 74, 1400-1404	0.7
4	Crystal structure and Hirshfeld surface analysis of 2-amino-4-(4-meth-oxy-phen-yl)-6-oxo-1-phenyl-1,4,5,6-tetra-hydro-pyridine-3-carbo-nitrile.. *Acta Crystallographica Section E: Crystallographic Communications*, **2022**, 78, 330-335	0.7
3	Crystal structure and Hirshfeld surface analysis of 5-(5-phenyl-1,2-oxazol-3-yl)-1,3,4-thia-diazol-2-amine.. *Acta Crystallographica Section E: Crystallographic Communications*, **2022**, 78, 453-457	0.7
2	Multicomponent Synthesis and Molecular and Crystal Structure of New Derivatives of Partially Hydrogenated Quinolines. *Russian Journal of Organic Chemistry*, **2021**, 57, 1824-1833	0.7
1	Homocondensation of acetylferrocene under ultrasonic conditions. *Russian Chemical Bulletin*, **2022**, 71, 717-721	1.7