

Victor Khrustalev

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1823818/victor-khrustalev-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | Hybrid Organic Lead Iodides: Role of Organic Cation Structure in Obtaining 1D Chains of Face-Sharing Octahedra vs 2D Perovskites. <i>Chemistry of Materials</i> , 2022 , 34, 935-946 | 9.6 | 2 |
| 663 | Exploring Supramolecular Assembly Space of Cationic 1,2,4-Selenodiazoles: Effect of the Substituent at the Carbon Atom and Anions.. <i>Molecules</i> , 2022 , 27, | 4.8 | 2 |
| 662 | 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.. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2022 , 78, 291-296 | 0.7 | 2 |
| 661 | First examples of nickel/aluminum mixed chalcogenides based on the AuCu ₃ -type fragments: Breaking a robust intermetallic bond system in Ni ₃ Al. <i>Journal of Solid State Chemistry</i> , 2022 , 306, 122815 ^{3,3} | 5.3 | 3 |
| 660 | 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. <i>Russian Journal of General Chemistry</i> , 2022 , 92, 212-223 | 0.7 | 0 |
| 659 | 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.. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2022 , 78, 330-335 | 0.7 | 0 |
| 658 | Synthesis of Selenium-Containing Chitosan Derivatives and Their Antibacterial Activity. <i>Applied Biochemistry and Microbiology</i> , 2022 , 58, 132-135 | 1.1 | 0 |
| 657 | Crystal structure and Hirshfeld surface analysis of 5-(5-phenyl-1,2-oxazol-3-yl)-1,3,4-thia-diazol-2-amine.. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2022 , 78, 453-457 | 0.7 | 0 |
| 656 | First example of cationic titanium (III) complexes with crown ether as catalysts for ethylene polymerization. <i>European Polymer Journal</i> , 2022 , 170, 111166 | 5.2 | 0 |
| 655 | Homocondensation of acetylferrocene under ultrasonic conditions. <i>Russian Chemical Bulletin</i> , 2022 , 71, 717-721 | 1.7 | 0 |
| 654 | Crystal structure and Hirshfeld surface analysis of 1-(butyl-amino)-3-mesitylpropan-2-ol hemi-hydrate.. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2022 , 78, 525-529 | 0.7 | 0 |
| 653 | Aurophilic Interactions in Cationic Three-Coordinate Gold(I) Bipyridyl/Isocyanide Complex. <i>Crystals</i> , 2022 , 12, 613 | 2.3 | 0 |
| 652 | Synthesis and in vitro antifungal activity of selenium-containing chitin derivatives. <i>Mendeleev Communications</i> , 2022 , 32, 357-359 | 1.9 | 1 |
| 651 | 2-Pyridylselenenyl versus 2-Pyridyltellurenyl Halides: Symmetrical Chalcogen Bonding in the Solid State and Reactivity towards Nitriles. <i>Symmetry</i> , 2021 , 13, 2350 | 2.7 | 4 |
| 650 | Novel tetrazole PtII and PdII complexes with enhanced water solubility: synthesis, structural characterization and evaluation of antiproliferative activity. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2021 , 236, 23-32 | 1 | 1 |
| 649 | Arylhydrazones of β -keto esters via methanolysis of dichlorodiazabutadienes: synthesis and structural study. <i>Mendeleev Communications</i> , 2021 , 31, 677-679 | 1.9 | 2 |
| 648 | Temperature sensing in Tb/Eu-based tetranuclear silsesquioxane cages with tunable emission.. <i>RSC Advances</i> , 2021 , 11, 34735-34741 | 3.7 | 2 |

| | | | |
|-----|---|------|----|
| 647 | An IMDAF approach to annellated 1,4:5,8-diepoxy-naphthalenes and their metathesis reaction leading to novel scaffolds displaying an antiproliferative activity toward cancer cells. <i>New Journal of Chemistry</i> , 2021 , 45, 19497-19505 | 3.6 | 1 |
| 646 | Charge Transfer Complexes of 1,3,6-Trinitro-9,10-phenanthrenequinone with Polycyclic Aromatic Compounds. <i>Molecules</i> , 2021 , 26, | 4.8 | 1 |
| 645 | Synthesis of the First Dithiaaza-17-Crown-5 Ethers Containing Piperidin-4-One Subunit. <i>Chemistry of Heterocyclic Compounds</i> , 2021 , 57, 1057 | 1.4 | |
| 644 | Unsaturated carboxylic acids in the one-pot synthesis of novel derivatives of 3,4-dihydro-2H-thiopyran. <i>Chemistry of Heterocyclic Compounds</i> , 2021 , 57, 245-252 | 1.4 | 3 |
| 643 | Crystal structure and Hirshfeld surface analysis of 3-cyano-4-hydroxy-2-(4-methyl-phen-yl)-6-oxo-phenyl-4-(thio-phen-2-yl)cyclo-hexane-1-carbox-amide 0.04-hydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 366-371 | 0.7 | |
| 642 | Supramolecular organic frameworks derived from bromoaryl-substituted dichlorodiazabutadienes via Cl \cdots Br halogen bonding. <i>Mendeleev Communications</i> , 2021 , 31, 191-193 | 1.9 | 8 |
| 641 | IDENTIFICATION OF SUPRAMOLECULAR DIMERS IN THE CRYSTAL STRUCTURE OF (Z)-1-(((5-FLUOROPYRIDIN-2-YL)AMINO)METHYLENE)NAPHTHALEN-2(1H)-ONE via C(sp ²) \cdots F HYDROGEN BONDING: A COMBINED EXPERIMENTAL AND THEORETICAL STUDY. <i>Journal of Structural Chemistry</i> , 2021 , 62, 460-466 | 0.9 | 2 |
| 640 | 3-Amino-1,2,4-triazolium salts as NHC-proligands: synthesis and postmodification of a new type of amino-functionalized Pd/NHC complexes. <i>Mendeleev Communications</i> , 2021 , 31, 176-178 | 1.9 | 2 |
| 639 | Unprecedented Coordination-Induced Bright Red Emission from Group 12 Metal-Bound Triaryloimidazoles. <i>Molecules</i> , 2021 , 26, | 4.8 | 5 |
| 638 | Attractive fluorine \cdots fluorine interactions between perfluorinated alkyl chains: a case of perfluorinated Cu(II) diiminate Cu[C ₂ F ₅ C(NH)CF=C(NH)CF ₃] ₂ . <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2021 , 236, 117-122 | 1 | 5 |
| 637 | 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. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 516-521 | 0.7 | 0 |
| 636 | Water-soluble triazole chitin derivative and its based nanoparticles: Synthesis, characterization, catalytic and antibacterial properties. <i>Carbohydrate Polymers</i> , 2021 , 257, 117593 | 10.3 | 2 |
| 635 | 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. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 512-515 | 0.7 | 3 |
| 634 | 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. <i>Applied Organometallic Chemistry</i> , 2021 , 35, e6256 | 3.1 | 1 |
| 633 | N ⁺ -Sulfonyl- and N ⁺ -Acylhydrazones of β - and α -Diphenylphosphorylalkanones: Synthesis and Structure. <i>Russian Journal of General Chemistry</i> , 2021 , 91, 650-656 | 0.7 | |
| 632 | Femtosecond laser synthesis of nitrogen-doped luminescent carbon dots from acetonitrile. <i>Dyes and Pigments</i> , 2021 , 188, 109176 | 4.6 | 12 |
| 631 | New method for the synthesis of 4-spirocyclopentane- and 4-spirocyclohexanenicotinic acid nitriles and amides. <i>Russian Chemical Bulletin</i> , 2021 , 70, 949-959 | 1.7 | 1 |
| 630 | Cu- and Cu-Cage Sil- and Gersmesquioxanes: Synthetic and Structural Features, Oxidative Rearrangements, and Catalytic Activity. <i>Inorganic Chemistry</i> , 2021 , 60, 8062-8074 | 5.1 | 4 |

| | | | |
|-----|---|------|----|
| 629 | New Magnetic and Luminescent Dy(III) and Dy(III)/Y(III) Based Tetranuclear Silsesquioxane Cages. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 2696-2701 | 2.3 | 5 |
| 628 | Monoprotonated Dimethyl Sulfoxide, [HOSMe ₂] ⁺ : Synthesis, Crystal Structure, Spectroscopic and Theoretical Studies of [HOSMe ₂] ₂ [OsCl ₆] · 2H ₂ O. <i>ChemistrySelect</i> , 2021 , 6, 5211-5217 | 1.8 | 0 |
| 627 | 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. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 739-743 | 0.7 | 0 |
| 626 | Heteroleptic Crown-Substituted Tris(phthalocyaninates) as Dynamic Supramolecular Scaffolds with Switchable Rotational States and Tunable Magnetic Properties. <i>Inorganic Chemistry</i> , 2021 , 60, 9110-9121 | 5.1 | 1 |
| 625 | Azoimidazole gold(III) complexes: Synthesis, structural characterization and self-assembly in the solid state. <i>Inorganica Chimica Acta</i> , 2021 , 522, 120373 | 2.7 | 8 |
| 624 | Ultrasound and click chemistry lead to a new chitin chelator. Its Pd(II) complex is a recyclable catalyst for the Sonogashira reaction in water. <i>Carbohydrate Polymers</i> , 2021 , 252, 117167 | 10.3 | 3 |
| 623 | Novel biopolymer-based nanocomposite food coatings that exhibit active and smart properties due to a single type of nanoparticles. <i>Food Chemistry</i> , 2021 , 343, 128676 | 8.5 | 5 |
| 622 | New water-soluble chitin derivative with high antibacterial properties for potential application in active food coatings. <i>Food Chemistry</i> , 2021 , 343, 128696 | 8.5 | 13 |
| 621 | Synthesis, structure, and photoluminescent and electroluminescent properties of zinc(II) complexes with bidentate azomethine ligands. <i>Applied Organometallic Chemistry</i> , 2021 , 35, e6107 | 3.1 | 2 |
| 620 | 4-(3-Methoxyphenyl)-5-(2-thienylmethyl)-2,4-dihydro-3H-1,2,4-triazole-3-selone: Synthesis, structural characteristics and reactions. <i>Journal of Molecular Structure</i> , 2021 , 1227, 129537 | 3.4 | 1 |
| 619 | Structure, nitric oxide (NO) generation and antitumor activity of binuclear tetranitrosyl iron complex with 4-aminothiophenolyl as nitrosyl ferredoxins mimic. <i>Journal of Coordination Chemistry</i> , 2021 , 74, 743-761 | 1.6 | 0 |
| 618 | β,γ-Disubstituted CF-Enones as a Trifluoromethyl Building Block: Regioselective Preparation of Totally Substituted 3-CF-Pyrazoles. <i>Journal of Organic Chemistry</i> , 2021 , 86, 2385-2405 | 4.2 | 5 |
| 617 | Synthesis of blue light emitting heterocycles cyclization of 2-pyridine derived 4-azido-1,2,3-triazoles. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 8140-8152 | 3.9 | 3 |
| 616 | Novel cationic 1,2,4-selenadiazoles: synthesis via addition of 2-pyridylselenenyl halides to unactivated nitriles, structures and four-center SeN contacts. <i>Dalton Transactions</i> , 2021 , 50, 10689-10691 | 4.3 | 6 |
| 615 | Synthesis, structures, and reactivity of isomers of [RuCp*(1,4-(MeN)CH)]. <i>Dalton Transactions</i> , 2021 , 50, 13020-13030 | 4.3 | 0 |
| 614 | 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. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 195-199 | 0.7 | 11 |
| 613 | 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. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2021 , 47, 32-42 | 1.6 | 0 |
| 612 | 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. <i>Journal of Structural Chemistry</i> , 2021 , 62, 137-146 | 0.9 | 2 |

| | | | |
|-----|--|------|----|
| 611 | FA2PbBr4: Synthesis, Structure, and Unusual Optical Properties of Two Polymorphs of Formamidinium-Based Layered (110) Hybrid Perovskite. <i>Chemistry of Materials</i> , 2021 , 33, 1900-1907 | 9.6 | 16 |
| 610 | Protic Ionic Liquid as Reagent, Catalyst, and Solvent: 1-Methylimidazolium Thiocyanate. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 7927-7934 | 16.4 | 14 |
| 609 | Crystal structure of 2-[(<i>l</i>)-2-(4-bromo-phen-yl)diazen-1-yl]-4,5-bis-(4-meth-oxy-phen-yl)-1-imidazole: the first example of a structurally characterized tri-aryl-azo-imid-azole. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 305-308 | 0.7 | 2 |
| 608 | Protic Ionic Liquid as Reagent, Catalyst, and Solvent: 1-Methylimidazolium Thiocyanate. <i>Angewandte Chemie</i> , 2021 , 133, 8006-8013 | 3.6 | 1 |
| 607 | Structure and Properties of a Biradical Containing Acetylene and Phenylene Groups in the Bridge. <i>Russian Journal of Physical Chemistry B</i> , 2021 , 15, 212-218 | 1.2 | 0 |
| 606 | High antibacterial activity and low toxicity of pyridoxal derivatives of chitosan and their nanoparticles. <i>Mendeleev Communications</i> , 2021 , 31, 504-506 | 1.9 | 3 |
| 605 | 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. <i>Inorganica Chimica Acta</i> , 2021 , 523, 120408 | 2.7 | 3 |
| 604 | Crystal structure and Hirshfeld surface analysis of (<i>l</i>)-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-nitr-ile. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 930-934 | 0.7 | 2 |
| 603 | New family of polydentate tetrazole-pyrazoline ligands prepared by the azido-Ugi reaction. <i>Mendeleev Communications</i> , 2021 , 31, 48-50 | 1.9 | 0 |
| 602 | Synthesis and ethylene-promoted metathesis of adducts of tandem [4+2]/[4+2] cycloaddition between bis-furyl dienes and maleic acid derivatives. <i>New Journal of Chemistry</i> , 2021 , 45, 3400-3407 | 3.6 | 2 |
| 601 | Synthesis of functionalized tetrahydropyridones by the tandem Knoevenagel-Michael- α -keto-ester-alkylation reaction. <i>Russian Chemical Bulletin</i> , 2021 , 70, 2145-2155 | 1.7 | 0 |
| 600 | Significant impact of lanthanide contraction on the structure of the phenanthroline complexes. <i>Mendeleev Communications</i> , 2021 , 31, 853-855 | 1.9 | 3 |
| 599 | New Options of Multicomponent Condensations Leading to Functional Derivatives of 2-Pyridons. <i>Russian Journal of Organic Chemistry</i> , 2021 , 57, 1809-1823 | 0.7 | 1 |
| 598 | Multicomponent Synthesis and Molecular and Crystal Structure of New Derivatives of Partially Hydrogenated Quinolines. <i>Russian Journal of Organic Chemistry</i> , 2021 , 57, 1824-1833 | 0.7 | 1 |
| 597 | Structural Insight into Complexation Ability and Coordination of Uranyl Nitrate by 1,10-Phenanthroline-2,9-diamides.. <i>Inorganic Chemistry</i> , 2021 , | 5.1 | 5 |
| 596 | Halogenated Diazabutadiene Dyes: Synthesis, Structures, Supramolecular Features, and Theoretical Studies. <i>Molecules</i> , 2020 , 25, | 4.8 | 16 |
| 595 | Efficient reinforcement of chitosan-based coatings for Ricotta cheese with non-toxic, active, and smart nanoparticles. <i>Progress in Organic Coatings</i> , 2020 , 145, 105707 | 4.8 | 6 |
| 594 | Using the Ni-[(benzylpropyl)amino]benzophenone complex in the Glaser reaction for the synthesis of bis β -amino acids. <i>New Journal of Chemistry</i> , 2020 , 44, 11927-11932 | 3.6 | 3 |

| | | | |
|-----|--|-----|----|
| 593 | Synthesis and characterization of the acid hexamolybdocobaltate(III) complex with amino acid glycine of composition $(\text{H}_3\text{O})_3[\text{CoMo}_6\text{O}_{18}(\text{OH})_6](\text{H}_3\text{NCH}_2\text{COO})_2(\text{H}_2\text{O})_5$. <i>Russian Chemical Bulletin</i> , 2020 , 69, 1030-1034 | 1.7 | |
| 592 | Coordination Affinity of Cu(II)-Based Silsesquioxanes toward N,N-Ligands and Associated Skeletal Rearrangements: Cage and Ionic Products Exhibiting a High Catalytic Activity in Oxidation Reactions. <i>Inorganic Chemistry</i> , 2020 , 59, 4536-4545 | 5.1 | 10 |
| 591 | Application of the Intramolecular Diels-Alder Vinylarene (HMDAV) Approach for the Synthesis of Thieno[2,3-f]isoindoles. <i>Synthesis</i> , 2020 , 52, 2196-2223 | 2.9 | 4 |
| 590 | Active antibacterial food coatings based on blends of succinyl chitosan and triazole betaine chitosan derivatives. <i>Food Packaging and Shelf Life</i> , 2020 , 25, 100534 | 8.2 | 6 |
| 589 | NNNO-Heteroscorpionate nickel (II) and cobalt (II) complexes for ethylene oligomerization: the unprecedented formation of odd carbon number olefins. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5873 | 3.1 | 4 |
| 588 | Control of Photoisomerization of an Azoazacryptand by Anion Binding and Cucurbit[8]uril Encapsulation in an Aqueous Solution. <i>Journal of Organic Chemistry</i> , 2020 , 85, 9255-9263 | 4.2 | 4 |
| 587 | The impact of alicyclic substituents on the extraction ability of new family of 1,10-phenanthroline-2,9-diamides.. <i>RSC Advances</i> , 2020 , 10, 26022-26033 | 3.7 | 15 |
| 586 | Construction of 6-Aminopyridazine Derivatives by the Reaction of Malononitrile with Dichloro-Substituted Diazadienes. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 4964-4971 | 3.2 | 6 |
| 585 | Formation of 3,4-Diarylpyrrole- and Pyrrolocoumarin Core of Natural Marine Products via Barton-Zard Reaction and Selective O-Demethylation. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 2093-2100 | 3.2 | 11 |
| 584 | Novel heterocyclic chitosan derivatives and their derived nanoparticles: Catalytic and antibacterial properties. <i>International Journal of Biological Macromolecules</i> , 2020 , 149, 682-692 | 7.9 | 16 |
| 583 | 2-Bis-1,2,3-triazolo-isoquinoline: Design, Synthesis, and Photophysical Study. <i>Journal of Organic Chemistry</i> , 2020 , 85, 7024-7035 | 4.2 | 7 |
| 582 | 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. <i>Journal of Organometallic Chemistry</i> , 2020 , 916, 121245 | 2.3 | 1 |
| 581 | Synthesis and Structural Study of Dichlorodiazadienes Derived from 4-Methoxybenzaldehyde. <i>Russian Journal of Organic Chemistry</i> , 2020 , 56, 185-192 | 0.7 | |
| 580 | Crystal structure and Hirshfeld analysis of di-tert-butyl 2,2'-[(ethylazanediyl)bis(methylene)]bis(1H-pyrrole-1-carboxylate). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 1827-1831 | 0.7 | |
| 579 | Unexpected synthesis and crystal structure of N-{2-[2-(2-acetyloxyphenyl)phenoxy]ethyl}-N-ethenyl-4-methylbenzenesulfonamide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 1851-1853 | 0.7 | |
| 578 | Attractive halogen-halogen interactions in crystal structure of trans-dibromogold(III) complex. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2020 , 235, 477-480 | 1 | 9 |
| 577 | 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. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 1579-1581 | 0.7 | 1 |
| 576 | Synthesis and biological evaluation of novel phane-structured diazacrowns containing β piperidone and pyridine rings. <i>Mendeleev Communications</i> , 2020 , 30, 753-755 | 1.9 | 2 |

- 575 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
- 574 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
- 573 Novel multicomponent synthesis of 6,7-dihydro-5H-cyclopenta[b]pyridine derivatives. *Chemistry of Heterocyclic Compounds*, **2020**, 56, 1592-1598 1.4
- 572 Multicomponent synthesis of nicotinic acid derivatives. *Chemistry of Heterocyclic Compounds*, **2020**, 56, 1579-1585 1.4 3
- 571 Chitosan derivatives and their based nanoparticles: ultrasonic approach to the synthesis, antimicrobial and transfection properties. *Carbohydrate Polymers*, **2020**, 242, 116478 10.3 8
- 570 Through-Space π -Effect Between the Bridging Oxygen Atoms in Diepoxybenzo[de]isothiochromene Derivatives. *European Journal of Organic Chemistry*, **2020**, 2020, 156-161 3.2 6
- 569 Transposition of Aromaticity from a Furan to a Cyclohexane Ring in Furoisindoles During the Interaction of 3-(Furyl)allylamines with Bromomaleic Anhydride. *Synlett*, **2020**, 31, 255-260 2.2 2
- 568 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
- 567 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, 2146-2154¹ 2.6 1
- 566 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
- 565 Catalytic systems based on nickel(II) complexes with bis(3,5-dimethylpyrazol-1-yl)methane π impact of PPh₃ on the formation of precatalysts and selective dimerization of ethylene. *New Journal of Chemistry*, **2020**, 44, 981-993 3.6 7
- 564 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
- 563 Cu(II)-silsesquioxanes as efficient precatalysts for Chan-Evans-Lam coupling. *Journal of Organometallic Chemistry*, **2020**, 906, 121022 2.3 5
- 562 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
- 561 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
- 560 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
- 559 Chromeno[3,4-f:5',6']pyrido[2,3-f:4,5]thieno[3,2-e]pyridine A New Heterocyclic System. Synthesis and Molecular and Crystal Structures. *Russian Journal of Organic Chemistry*, **2020**, 56, 1669-1672¹ 9.7 1
- 558 Hydrogen bonding in acetylene containing dichlorodiazaalkadienes. *Mendeleev Communications*, **2020**, 30, 615-617 1.9 3

| | | | |
|-----|---|-----|----|
| 557 | New water-soluble derivatives of chitin and their based nanoparticles: Antibacterial and catalytic activity. <i>International Journal of Biological Macromolecules</i> , 2020 , 163, 2005-2012 | 7.9 | 0 |
| 556 | Cu(II) and Co(II) Complexes with (4Z)-4-[(2-Diethylaminoethylamino)methylene]-5-Methyl-2-Phenylpyrazol-3-one: Synthesis, Magnetic Properties, and Crystal Structures. <i>Russian Journal of Coordination Chemistry</i> , 2020 , 46, 127-132 | 1.6 | 1 |
| 555 | 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. <i>Russian Journal of General Chemistry</i> , 2020 , 90, 1869-1877 | 0.7 | 1 |
| 554 | New Luminescent Tetranuclear Lanthanide-Based Silsesquioxane Cage-Like Architectures. <i>Chemistry - A European Journal</i> , 2020 , 26, 16567 | 4.8 | |
| 553 | Formamidinium Haloplumbate Intermediates: The Missing Link in a Chain of Hybrid Perovskites Crystallization. <i>Chemistry of Materials</i> , 2020 , 32, 7739-7745 | 9.6 | 13 |
| 552 | One-Pot Synthesis of Thieno[2,3-b]pyridine and Pyrido[3,2:4,5]thieno[3,2-d]pyrimidine Derivatives. <i>Russian Journal of Organic Chemistry</i> , 2020 , 56, 974-982 | 0.7 | 4 |
| 551 | Nickel - p-block metal mixed chalcogenides based on AuCu-type fragments: iodine-assisted synthesis as a way of obtaining new structures. <i>Dalton Transactions</i> , 2020 , 49, 15081-15094 | 4.3 | 1 |
| 550 | Synthesis, X-ray characterization and theoretical study of 3a,6:7,9a-diepoxybenzo[de]isoquinoline derivatives: on the importance of F \cdot O interactions. <i>New Journal of Chemistry</i> , 2020 , 44, 20167-20180 | 3.6 | 6 |
| 549 | Hydrogenation of plant polyalkoxybenzene derivatives: convenient access to coenzyme Q0 analogues. <i>Mendeleev Communications</i> , 2020 , 30, 599-601 | 1.9 | 2 |
| 548 | Novel zinc(II)/chitosan-based composite: ultrasound-assisted synthesis, catalytic and antibacterial activity. <i>Mendeleev Communications</i> , 2020 , 30, 642-644 | 1.9 | 3 |
| 547 | Synthesis of Pyridazin-3(2H)-one Derivatives by the Reaction of CH-Acids with Dichlorodiazadienes. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 6085-6093 | 3.2 | 3 |
| 546 | Synthesis and Properties of 3-Substituted 2H-Chromen-2-ones. <i>Russian Journal of Organic Chemistry</i> , 2020 , 56, 1123-1131 | 0.7 | 0 |
| 545 | New Luminescent Tetranuclear Lanthanide-Based Silsesquioxane Cage-Like Architectures. <i>Chemistry - A European Journal</i> , 2020 , 26, 16594-16598 | 4.8 | 12 |
| 544 | SYNTHESIS AND CRYSTAL STRUCTURE OF THE Ni(II) COMPLEX WITH (4Z)-4-[(2-DIETHYLAMINOETHYLAMINO)METHYLENE]- 5-METHYL-2-PHENYLPYRAZOLE-3-ONE. <i>Journal of Structural Chemistry</i> , 2020 , 61, 1599-1605 | 0.9 | 1 |
| 543 | Stereodirected synthesis of alkaloid-like quinolizidine systems. <i>Natural Product Research</i> , 2020 , 34, 269-277 | 2.7 | 1 |
| 542 | Synthesis, molecular and crystalline structure of 2-(alkylsulfanyl)-4-aryl(hetaryl)-5,6,7,8-tetrahydroquinoline-3-carbonitriles. <i>Chemistry of Heterocyclic Compounds</i> , 2019 , 55, 839-843 | 1.4 | 1 |
| 541 | New Synthesis of Functionalized Nicotinamides. <i>Russian Journal of Organic Chemistry</i> , 2019 , 55, 1019-1033 | 3.7 | 5 |
| 540 | 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. <i>Journal of Organometallic Chemistry</i> , 2019 , 899, 120911 | 2.3 | 10 |

| | | | |
|-----|---|------|----|
| 539 | Methylammonium Polyiodides: Remarkable Phase Diversity of the Simplest and Low-Melting Alkylammonium Polyiodide System. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 5776-5780 | 6.4 | 11 |
| 538 | Synthesis and cytotoxicity of novel Epiperidone-containing dibenzo-1,7-diaza-14-crown-4 ethers. <i>Mendeleev Communications</i> , 2019 , 29, 375-377 | 1.9 | 8 |
| 537 | Novel alkoxy-titanium(IV) complexes with fluorinated 2-hydroxymethylphenol derivatives as catalysts for the formation of ultra-high molecular weight polyethylene nascent reactor powders. <i>Inorganica Chimica Acta</i> , 2019 , 498, 119159 | 2.7 | 6 |
| 536 | Tuning the Molecular and Cationic Affinity in a Series of Multifunctional Metal-Organic Frameworks Based on Dodecanuclear Zn(II) Carboxylate Wheels. <i>Journal of the American Chemical Society</i> , 2019 , 141, 17260-17269 | 16.4 | 57 |
| 535 | Cyclometallated 1,2,3-triazol-5-ylidene iridium(III) complexes: synthesis, structure, and photoluminescence properties. <i>Mendeleev Communications</i> , 2019 , 29, 128-131 | 1.9 | 10 |
| 534 | Features of oxa-bridge cleavage in hexahydro-3a,6-epoxyisoindol-1(4H)-ones: A concise method to access acetyloisoindolones possessing anti-viral activity. <i>Tetrahedron Letters</i> , 2019 , 60, 151204 | 2 | 4 |
| 533 | 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. <i>Journal of Structural Chemistry</i> , 2019 , 60, 1396-1406 | 0.9 | |
| 532 | Arylglyoxal oximes as putative C-nucleophiles in eliminative nucleophilic substitution process. <i>Mendeleev Communications</i> , 2019 , 29, 296-298 | 1.9 | 1 |
| 531 | 3,3-Diazidoenones [new types of highly reactive bis-azides. Preparation and synthetic transformations. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 335-341 | 5.2 | 6 |
| 530 | Hexacoppergermsesquioxanes as complexes with N-ligands: Synthesis, structure and catalytic properties. <i>Journal of Organometallic Chemistry</i> , 2019 , 884, 17-28 | 2.3 | 16 |
| 529 | Multicomponent synthesis and molecular structure of 3-amino-2-aryl(alkoxycarbonyl, arylcarbamoyl)-4-aryl(hetaryl)-5-arylcarbamoyl-6-methylthieno[2,3-b]pyridines. <i>Chemistry of Heterocyclic Compounds</i> , 2019 , 55, 442-447 | 1.4 | 3 |
| 528 | Conformational Selection in Anion Recognition: cGMP-Selective Binding by a Naphthalimide-Functionalized Amido-Amine Macrocycle. <i>Journal of Organic Chemistry</i> , 2019 , 84, 9034-9043 | 4.3 | 9 |
| 527 | Cadmium(II) and Nickel(II) 1-Oxypyridyl-2-Selenolates: Synthesis and Molecular and Crystal Structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019 , 45, 320-325 | 1.6 | |
| 526 | Ternary palladium Group 12 metal compounds of the Pd5TlAs-type: A case study. <i>Journal of Solid State Chemistry</i> , 2019 , 276, 217-225 | 3.3 | 2 |
| 525 | Multicomponent Synthesis of Thiazole, Selenazole, Pyrane, and Pyridine Derivatives, Initiated by the Knoevenagel Reaction. <i>Russian Journal of Organic Chemistry</i> , 2019 , 55, 215-226 | 0.7 | 5 |
| 524 | Silicon and Germanium-Based Sesquioxanes as Versatile Building Blocks for Cage Metallacomplexes. A Review. <i>Journal of Cluster Science</i> , 2019 , 30, 1283-1316 | 3 | 17 |
| 523 | Reaction of 1-(2-Oxocyclohexyl)ethane-1,1,2,2-tetracarbonitrile with α,β -Unsaturated Aldehydes. <i>Russian Journal of General Chemistry</i> , 2019 , 89, 385-390 | 0.7 | 1 |
| 522 | Efficient synthesis of new tricyclic pyrano[3,2-c]pyridine derivatives. <i>Mendeleev Communications</i> , 2019 , 29, 232-233 | 1.9 | 7 |

| | | | |
|-----|--|------|----|
| 521 | The First Heterometallic Acetate-Bridged Pt(II)Pd(II) Complex: Synthesis, Structure, and Formation of Bimetallic PtPd ₂ Nanoparticles. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019 , 45, 253-265 | 1.6 | 5 |
| 520 | Ion-dependent photochromism of oxadiazole containing spiropyrans. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019 , 378, 201-210 | 4.7 | 2 |
| 519 | Pd and Pt Catalyst Poisoning in the Study of Reaction Mechanisms: What Does the Mercury Test Mean for Catalysis?. <i>ACS Catalysis</i> , 2019 , 9, 2984-2995 | 13.1 | 43 |
| 518 | Synthesis of macrocyclic peptidomimetics via the Ugi-click-strategy. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 3433-3445 | 3.9 | 15 |
| 517 | Facile Synthesis and Self-Assembly of Zinc (2-Diethoxyphosphorylethynyl)porphyrins. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 1300-1300 | 2.3 | 2 |
| 516 | Synthesis, structure, linear and nonlinear properties of tricyanofuran-terminated merocyanine dyes. <i>Journal of Molecular Structure</i> , 2019 , 1189, 146-154 | 3.4 | 8 |
| 515 | Palanquin-Like Cu ₄ Na ₄ Silsesquioxane Synthesis (via Oxidation of 1,1-bis(Diphenylphosphino)methane), Structure and Catalytic Activity in Alkane or Alcohol Oxidation with Peroxides. <i>Catalysts</i> , 2019 , 9, 154 | 4 | 16 |
| 514 | Crystal Structure of Na ₂ [OsCl ₆]. <i>Journal of Structural Chemistry</i> , 2019 , 60, 1086-1090 | 0.9 | 1 |
| 513 | Synthesis, Structure and Magnetic Properties of Copper(II) Complexes of Diphenyl-(1-propylbenzimidazol-2-yl)methanol. <i>ChemistrySelect</i> , 2019 , 4, 8652-8654 | 1.8 | 2 |
| 512 | Ultrasound-assisted catalyst-free phenol-yne reaction for the synthesis of new water-soluble chitosan derivatives and their nanoparticles with enhanced antibacterial properties. <i>International Journal of Biological Macromolecules</i> , 2019 , 139, 103-113 | 7.9 | 11 |
| 511 | Synthesis and bioactivity of novel (E)piperidono)dibenzo-33-aza-14-crown-3 ethers. <i>Chemistry of Heterocyclic Compounds</i> , 2019 , 55, 654-659 | 1.4 | 6 |
| 510 | Effective Synthesis of 3,4-Diaryl-isoxazole-5-carboxamides and their Antiproliferative Properties. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 4260-4270 | 3.2 | 6 |
| 509 | Synthesis of Functionalized Partially Hydrogenated Quinolines by a Stork Reaction □ Intramolecular Transamination □ Alkylation Tandem Protocol. <i>Russian Journal of Organic Chemistry</i> , 2019 , 55, 1177-1188 | 0.7 | 1 |
| 508 | Racemic estrone methyl ether is the lamellar conglomerate. <i>Mendeleev Communications</i> , 2019 , 29, 256-259 | 2 | 2 |
| 507 | Anthracene-Based Receptors with a Turn-on Fluorescence Response for Nitrate. <i>Organic Letters</i> , 2019 , 21, 8746-8750 | 6.2 | 6 |
| 506 | Structure and quantum chemical study of crystalline platinum(II) acetate. <i>Mendeleev Communications</i> , 2019 , 29, 489-491 | 1.9 | 4 |
| 505 | Reaction of 3-azidoisoxazoles with active methylene compounds. <i>Mendeleev Communications</i> , 2019 , 29, 529-530 | 1.9 | 2 |
| 504 | Ionic Pd/NHC Catalytic System Enables Recoverable Homogeneous Catalysis: Mechanistic Study and Application in the Mizoroki-Heck Reaction. <i>Chemistry - A European Journal</i> , 2019 , 25, 16439 | 4.8 | |

| | | | |
|-----|---|-----|----|
| 503 | Ionic Pd/NHC Catalytic System Enables Recoverable Homogeneous Catalysis: Mechanistic Study and Application in the Mizoroki-Heck Reaction. <i>Chemistry - A European Journal</i> , 2019 , 25, 16564 | 4.8 | 24 |
| 502 | 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. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019 , 75, 675-679 | 0.7 | 5 |
| 501 | Synthesis of Functionalized Bicyclic Compounds Based on 2-(1-Arylethylidene)malononitriles. <i>Russian Journal of Organic Chemistry</i> , 2019 , 55, 1967-1970 | 0.7 | 1 |
| 500 | Synthesis, crystal structure studies and solvatochromic behaviour of two 2-{5-[4-(dimethylamino)phenyl]penta-2,4-dien-1-ylidene}malononitrile derivatives. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019 , 75, 1175-1181 | 0.8 | 2 |
| 499 | Synthesis and structural study of organic two-photon-absorbing cycloalkanone chromophores. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019 , 75, 1554-1561 | 0.8 | |
| 498 | Cu(II), Ni(II), and Co(II) Complexes of Tetradentate Azomethine Ligands: Chemical and Electrochemical Syntheses, Crystal Structures, and Magnetic Properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019 , 45, 867-875 | 1.6 | 3 |
| 497 | Unexpected formation of dinaphthoaza-17-crown-5 ether containing β aminopiperidine subunit. <i>Mendeleev Communications</i> , 2019 , 29, 698-699 | 1.9 | 3 |
| 496 | 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 $\text{Cu}_2[\mu\text{-OOCCH}_2(\text{C}_{14}\text{H}_8)(\text{CO})_2\text{OC}_2\text{H}_5]_4(\text{NCCH}_3)_2$. <i>Crystallography Reports</i> , 2019 , 64, 887-893 | 0.6 | |
| 495 | Synthesis, characterization, DFT calculations, and biological activity of copper(II) complexes with 1,1,1-trifluoro-4-(2-methoxyphenyl)butan-2,4-dione. <i>Journal of Molecular Structure</i> , 2019 , 1176, 515-528 ³⁻⁴ | | 0 |
| 494 | A new direction in the alkylation of 5-acetyl-2-amino-6-methyl-4-phenyl-4H-pyran-3-carbonitrile with active methylene reagents. <i>Journal of the Chinese Chemical Society</i> , 2019 , 66, 253-256 | 1.5 | 5 |
| 493 | Nickel(II) complexes with tripodal NNN ligands as homogenous and supported catalysts for ethylene oligomerization. <i>Molecular Catalysis</i> , 2019 , 464, 29-38 | 3.3 | 13 |
| 492 | Facile Synthesis and Self-Assembly of Zinc (2-Diethoxyphosphorylethynyl)porphyrins. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 1313-1328 | 2.3 | 4 |
| 491 | The Structure and Internal Dynamics of $\text{R}_6\text{-p-C}_6\text{H}_4\text{-R}_6$ Biradical: EPR, X-ray Crystallography and DFT Calculations. <i>Applied Magnetic Resonance</i> , 2019 , 50, 425-439 | 0.8 | 3 |
| 490 | A balance of redox and ligand-exchange processes in the reaction of $\text{H}_2[\text{OsCl}_6]$ with thiourea: Isolation and characterization of a novel osmium complex $[(\text{NH}_2)_2\text{CSSC}(\text{NH}_2)_2]_2[\text{OsIVCl}_6]\text{Cl}_2\cdot 2\text{H}_2\text{O}$. <i>Inorganica Chimica Acta</i> , 2019 , 484, 352-356 | 2.7 | 2 |
| 489 | High-Nuclearity (Cu ₈ -Based) Cage Silsesquioxanes: Synthesis and Structural Study. <i>Crystal Growth and Design</i> , 2018 , 18, 2452-2457 | 3.5 | 13 |
| 488 | Positional Effects from β Bonded Platinum(II) on Intersystem Crossing Rates in Perylenediimide Complexes: Synthesis, Structures, and Photophysical Properties. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 13848-13862 | 3.8 | 13 |
| 487 | Heptanuclear Cage CuII-Silsesquioxanes: Synthesis, Structure and Catalytic Activity. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 2505-2511 | 2.3 | 20 |
| 486 | Fast and Slow Release of Catalytically Active Species in Metal/NHC Systems Induced by Aliphatic Amines. <i>Organometallics</i> , 2018 , 37, 1483-1492 | 3.8 | 35 |

| | | | |
|-----|---|------|----|
| 485 | Finding a receptor design for selective recognition of perrhenate and pertechnetate: hydrogen vs. halogen bonding. <i>Chemical Communications</i> , 2018 , 54, 4826-4829 | 5.8 | 13 |
| 484 | Pd-PEPSI complexes based on 1,2,4-triazol-3-ylidene ligands as efficient catalysts in the Suzuki-Miyaura reaction. <i>Russian Chemical Bulletin</i> , 2018 , 67, 79-84 | 1.7 | 16 |
| 483 | Optical readout of controlled monomer-dimer self-assembly. <i>Dalton Transactions</i> , 2018 , 47, 14169-14173 | 4.3 | 6 |
| 482 | First platinum(II)alkaline-earth acetate-bridged complexes Pt(II)(m-OAc) ₄ M(II)(AcOH) ₄ (M = Ca, Sr, Ba). <i>Mendeleev Communications</i> , 2018 , 28, 200-201 | 1.9 | 6 |
| 481 | Regioselective synthesis of 3,4-diaryl-5-unsubstituted isoxazoles, analogues of natural cytostatic combretastatin A4. <i>European Journal of Medicinal Chemistry</i> , 2018 , 146, 511-518 | 6.8 | 20 |
| 480 | Hybrid Macrocycles for Selective Binding and Sensing of Fluoride in Aqueous Solution. <i>Journal of Organic Chemistry</i> , 2018 , 83, 2145-2153 | 4.2 | 18 |
| 479 | Diels-Alder reactions between hexafluoro-2-butyne and bis-furyl dienes: kinetic versus thermodynamic control. <i>Chemical Communications</i> , 2018 , 54, 2850-2853 | 5.8 | 19 |
| 478 | Rare-Earth Complexes with the 5,5'-Bitetrazolate Ligand [Synthesis, Structure, Luminescence Properties, and Combustion Catalysis]. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 805-815 | 2.3 | 10 |
| 477 | Hydrolysis of Mg(BH ₄) ₂ and its coordination compounds as a way to obtain hydrogen. <i>Journal of Power Sources</i> , 2018 , 377, 93-102 | 8.9 | 15 |
| 476 | Novel titanium(IV) complexes stabilized by 2-hydroxybenzyl alcohol derivatives as catalysts for UHMWPE production. <i>Journal of Organometallic Chemistry</i> , 2018 , 867, 266-272 | 2.3 | 11 |
| 475 | 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. <i>Journal of Physical Chemistry B</i> , 2018 , 122, 1992-2000 | 3.4 | 6 |
| 474 | Metal-organic frameworks based on octafluorobiphenyl-4,4'-dicarboxylate: synthesis, crystal structure, and surface functionality. <i>Dalton Transactions</i> , 2018 , 47, 3283-3297 | 4.3 | 22 |
| 473 | Mild and Regioselective Hydroxylation of Methyl Group in Neocuproine: Approach to an N,O-Ligated Cu ₆ Cage Phenylsilsesquioxane. <i>Organometallics</i> , 2018 , 37, 168-171 | 3.8 | 26 |
| 472 | A chiral diamine: practical implications of a three-stereoisomer cocrystallization. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018 , 74, 54-61 | 0.8 | 2 |
| 471 | Z/E-Isomerism of 3-[4-(dimethylamino)phenyl]-2-(2,4,6-tribromophenyl)acrylonitrile: crystal structures and secondary intermolecular interactions. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018 , 74, 69-74 | 0.8 | |
| 470 | Crystal structure of 3-benzyl-2-[(1-2-(furan-2-yl)ethen-yl)]-2,3-di-hydro-quinazolin-4(1)-one and 3-benzyl-2-[(1-2-(thio-phen-2-yl)ethen-yl)]-2,3-di-hydro-quinazolin-4(1)-one from synchrotron X-ray diffraction. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 10-14 | 0.7 | 0 |
| 469 | Oxidative Coupling of Anionic Abnormal N-Heterocyclic Carbenes: Efficient Access to Janus-Type 4,4'-Bis(2H-imidazol-2-ylidene)s. <i>Angewandte Chemie</i> , 2018 , 130, 8118-8123 | 3.6 | 6 |
| 468 | Oxidative Coupling of Anionic Abnormal N-Heterocyclic Carbenes: Efficient Access to Janus-Type 4,4'-Bis(2H-imidazol-2-ylidene)s. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7986-7991 | 16.4 | 20 |

| | | | |
|-----|--|-----|----|
| 467 | Family of penta- and hexanuclear metallasilsesquioxanes: Synthesis, structure and catalytic properties in oxidations. <i>Journal of Organometallic Chemistry</i> , 2018 , 867, 133-141 | 2.3 | 21 |
| 466 | When Applying the Mercury Poisoning Test to Palladacycle-Catalyzed Reactions, One Should Not Consider the Common Misconception of Mercury(0) Selectivity. <i>Organometallics</i> , 2018 , 37, 2842-2858 | 3.8 | 25 |
| 465 | Reactions of thieno[2,3- <i>b</i>]pyrrolines with dehydrobenzene. <i>Chemistry of Heterocyclic Compounds</i> , 2018 , 54, 664-668 | 1.4 | 1 |
| 464 | Chemical Modification of Plant Alkaloids. 8. Stereocontrolled T-Reactions of (1 <i>R</i> ,5 <i>S</i> ,12 <i>S</i>)-Tetrahydrocytisine Derivatives. <i>Chemistry of Natural Compounds</i> , 2018 , 54, 739-744 | 0.7 | |
| 463 | Coordination Compounds of Bivalent Metals with (Z)-4-(2-Hydroxy-5-nitrophenyl)hydrazono-3-methyl-1-phenyl-1 <i>H</i> -pyrazol-5(4 <i>H</i>)-one: Crystal and Molecular Structure of C ₁₆ H ₁₃ N ₅ O ₄ . <i>Russian Journal of Inorganic Chemistry</i> , 2018 , 63, 874-880 | 1.5 | 1 |
| 462 | Hydrated Dodecatungstosilicate Complex with Protonated 1,2-Phenylenediamine (C ₆ H ₉ N ₂) ₃ (H ₃ O)SiW ₁₂ O ₄₀ · 8H ₂ O: Synthesis and Crystal Structure. <i>Russian Journal of Inorganic Chemistry</i> , 2018 , 63, 894-898 | 1.5 | |
| 461 | Study of Acidic (Tetracaprolactam) Dodecamolybdosilicate of the Composition (C ₆ H ₁₁ NO) _{4.5} [Si ₁₂ O ₄₀]. <i>Journal of Structural Chemistry</i> , 2018 , 59, 627-634 | 0.9 | 2 |
| 460 | Solution Processing of Methylammonium Lead Iodide Perovskite from β -Butyrolactone: Crystallization Mediated by Solvation Equilibrium. <i>Chemistry of Materials</i> , 2018 , 30, 5237-5244 | 9.6 | 67 |
| 459 | Tridecanuclear Cu ₁₁ Na ₂ Cage-like Silsesquioxanes. <i>Crystal Growth and Design</i> , 2018 , 18, 5377-5384 | 3.5 | 17 |
| 458 | Dichloro-Substituted 1,2-Diazabuta-1,3-dienes as Highly Reactive Electrophiles in the Reaction with Amines and Diamines: Efficient Synthesis of β -Hydrazo Amidinium Salts. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 4996-5006 | 3.2 | 10 |
| 457 | Halogen bonding in Wagner-Meerwein rearrangement products. <i>Journal of Molecular Liquids</i> , 2018 , 249, 949-952 | 6 | 18 |
| 456 | One-pot synthesis of (1,2 <i>i</i>)-diethyl 2-[23-amino-22-ethoxy-carbonyl-8,11,14-trioxo-25-aza-tetra-cyclo-[19.3.1.0.0]penta-cosa-2,4,6,15(20),16,18,22-hepta- | | |
| | <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 1281-1284 | | |
| 455 | Evidence of Low-Temperature Phase Transition in Tetracene π tetracyanoquinodimethane Complex. <i>Crystal Growth and Design</i> , 2018 , 18, 4095-4102 | 3.5 | 11 |
| 454 | Crystal Structure of Tris-(2,3,5,6-Tetrafluorobenzoato)Scandium [Sc(C ₆ F ₄ HCO ₂) ₃]. <i>Journal of Structural Chemistry</i> , 2018 , 59, 494-496 | 0.9 | 7 |
| 453 | Synthesis and Cytotoxicity of Dibenzo[(<i>E</i> -aryl)pyridino]aza-17-crown-5 Ethers. <i>Macroheterocycles</i> , 2018 , 11, 197-202 | 2.2 | 8 |
| 452 | Three-component reaction between isatoic anhydride, amine and methyl-substituted furyl-acryl-aldehydes: crystal structures of 3-benzyl-2-[(2-(5-methylfuran-2-yl)vin-yl]-2,3-dihydro-quinazolin-4(1 <i>H</i>)-one, 3-benzyl-2-[(2-(furan-2-yl)-1-methyl-vin-yl]-2,3-dihydro-quinazolin-4(1 <i>H</i>)-one and | 0.7 | 0 |
| 451 | Heptanuclear FeCu-Phenylgermsesquioxane containing 2,2'-Bipyridine: Synthesis, Structure, and Catalytic Activity in Oxidation of C-H Compounds. <i>Inorganic Chemistry</i> , 2018 , 57, 528-534 | 5.1 | 21 |
| 450 | Economical Synthesis of β -Amino Acids from a Novel Family of Easily Available Schiff Bases of Glycine Esters and 2-Hydroxy β -benzophenone. <i>Synthesis</i> , 2018 , 50, 607-616 | 2.9 | 9 |

| | | | |
|-----|---|------|----|
| 449 | Synthesis of 2-Alkylsulfanyl-6-amino-4-aryl-5-cyanonicotinonitriles by Recyclization of 2,6-Diamino-4-aryl-3,5-dicyano-4H-pyridins with Alkyl Halides. <i>Russian Journal of Organic Chemistry</i> , 2018 , 54, 1681-1688 | 0.7 | 1 |
| 448 | Synthesis of 2,3-Bis[amino(benzylsulfanyl)methylidene]butanedinitrile and 2-(Benzylsulfanyl)pyridine-3-carbonitrile derivatives. <i>Russian Journal of Organic Chemistry</i> , 2018 , 54, 1785-1789 ^o | 0.7 | 1 |
| 447 | Synthesis of d-(+)-camphor-based -acylhydrazones and their antiviral activity. <i>MedChemComm</i> , 2018 , 9, 2072-2082 | 5 | 9 |
| 446 | Synthesis and crystal structure of a new hybrid methylammonium iodocuprate. <i>Mendeleev Communications</i> , 2018 , 28, 245-247 | 1.9 | 8 |
| 445 | Nickel-coordinated chiral enols and Michael addition intermediate stabilized by the Ni π bond. <i>Mendeleev Communications</i> , 2018 , 28, 464-466 | 1.9 | 1 |
| 444 | A New Version of Multicomponent Synthesis of 4,6-Diaryl-2-sulfanylidene-1,2-dihydropyridine-3-carbonitrile Derivatives. <i>Russian Journal of Organic Chemistry</i> , 2018 , 54, 1273-1284 | 0.7 | 1 |
| 443 | Synthesis and structural investigation of 4,4'-dimethyl-[3,3'-bi(1,2,5-oxadiazole)] 5,5'-dioxide. <i>Russian Chemical Bulletin</i> , 2018 , 67, 2044-2048 | 1.7 | 1 |
| 442 | Composition and Thermal Stability of Al- and Zr-Containing Gels Prepared by a Sol-Gel Synthesis Using N,N-Dimethyloctylamine and Acetylacetone. <i>Inorganic Materials</i> , 2018 , 54, 1231-1237 | 0.9 | |
| 441 | Molecular and Crystal Structure of 1-(4-Fluorophenyl)-1,4-Dihydro-1H-Tetrazole-5-Thione and Its Complex with Cadmium(II). <i>Journal of Structural Chemistry</i> , 2018 , 59, 1658-1663 | 0.9 | 3 |
| 440 | Multicomponent Synthesis of 4-Alkyl(Aryl, Hetaryl)-2-alkoxycarbonyl(aroyle, carbamoyl)-3,6-diamino-5-cyanothieno[2,3-b]pyridines. <i>Russian Journal of Organic Chemistry</i> , 2018 , 54, 1435-1445 | 0.7 | 2 |
| 439 | Synthesis of a New Family of 1,1-Diazidoethenes: One-Pot Construction of 4-Azido-1,2,3-triazoles via Nitrene Cyclization. <i>Organic Letters</i> , 2018 , 20, 7803-7806 | 6.2 | 19 |
| 438 | Synthesis and Structure of 1-(1,2,3-Thiadiazolylcarbonyl)-4-(1,2,3-thiadiazolyl)semicarbazide Derivatives. <i>Russian Journal of General Chemistry</i> , 2018 , 88, 2209-2212 | 0.7 | |
| 437 | Novel titanium (IV) complexes with 1,2-diolate ligands: Synthesis, structure and catalytic activities in ultra-high molecular weight polyethylene production. <i>Journal of Organometallic Chemistry</i> , 2018 , 877, 85-91 | 2.3 | 12 |
| 436 | Synthesis of new -butylcalix[4]arene-based polyammonium triazolyl amphiphiles and their binding with nucleoside phosphates. <i>Beilstein Journal of Organic Chemistry</i> , 2018 , 14, 1980-1993 | 2.5 | 6 |
| 435 | Linear and Third-Order Nonlinear Optical Properties of Chalcogenopyrylium-Terminated Heptamethine Dyes with Rigid, Bulky Substituents. <i>Advanced Functional Materials</i> , 2018 , 28, 1804073 | 15.6 | 11 |
| 434 | Cation Molecular Exchanger Based on a Conformational Hinge. <i>Organic Letters</i> , 2018 , 20, 6211-6214 | 6.2 | 6 |
| 433 | Cu ₄₂ Ge ₂₄ Na ₄ Giant Trimetallic Sesquioxane Cage: Synthesis, Structure, and Catalytic Activity. <i>Catalysts</i> , 2018 , 8, 484 | 4 | 11 |
| 432 | Enantioselective synthesis of β -perfluoroalkylated prolines, their 6,7-membered homologues and derivatives. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 7004-7011 | 3.9 | 14 |

| | | | |
|-----|---|------|----|
| 431 | IMDAV reaction between phenyl-maleic anhydride and thien-yl(fur-yl)allyl-amines: synthesis and molecular structure of (3a,4,4a,7a)-5-oxothieno- and (3a,4,4a,7a)-5-oxofuro[2,3]-iso-indole-4-carb-oxy-lic acids. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 1400-1404 | 0.7 | |
| 430 | Heterometallic Palladium(II)-Indium(III) and -Gallium(III) Acetate-Bridged Complexes: Synthesis, Structure, and Catalytic Performance in Homogeneous Alkyne and Alkene Hydrogenation. <i>Inorganic Chemistry</i> , 2018 , 57, 11482-11491 | 5.1 | 12 |
| 429 | Ten-fold boost of catalytic performance in thiol-ene click reaction enabled by a palladium diketonate complex with a hexafluoroacetylacetonate ligand. <i>Catalysis Science and Technology</i> , 2018 , 8, 3073-3080 | 5.5 | 5 |
| 428 | [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. <i>Tetrahedron Letters</i> , 2018 , 59, 3143-3146 | 2 | 8 |
| 427 | Efficient synthesis of tetrazole derivatives of cytosine using the azido-Ugi reaction. <i>Tetrahedron</i> , 2018 , 74, 4315-4322 | 2.4 | 8 |
| 426 | A facile synthesis of 1-oxo-pyrrolo[2,1-a]isoquinolines. <i>Tetrahedron Letters</i> , 2017 , 58, 877-879 | 2 | 13 |
| 425 | First synthesis of heterocyclic allenes benzazecine derivatives. <i>New Journal of Chemistry</i> , 2017 , 41, 19023-19049 | 3.1 | 9 |
| 424 | 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. <i>Dalton Transactions</i> , 2017 , 46, 4331-4345 | 4.3 | 34 |
| 423 | An Intramolecular Diels-Alder Furan (IMDAF) Approach towards the Synthesis of Isoindolo[2,1-a]quinazolines and Isoindolo[1,2-b]quinazolines. <i>Synthesis</i> , 2017 , 49, 3749-3767 | 2.9 | 9 |
| 422 | Copper-Catalyzed Transformation of Hydrazones into Halogenated Azabutadienes, Versatile Building Blocks for Organic Synthesis. <i>ACS Catalysis</i> , 2017 , 7, 205-209 | 13.1 | 31 |
| 421 | An unusual coordination of a 4-azopyrazol-5-one heterocyclic derivative with metals. Synthesis, X-ray studies, spectroscopic characteristics, and theoretical modeling. <i>Inorganica Chimica Acta</i> , 2017 , 466, 266-273 | 2.7 | 2 |
| 420 | The synthesis, characterization, and structure of (ThioH) ₂ [OsX ₆] (X = Cl, Br). <i>Polyhedron</i> , 2017 , 134, 114-119 | 2.7 | 4 |
| 419 | Synthesis, structure, photo- and electroluminescent properties of bis{(4-methyl-N-[2-[(E)-2-pyridyliminomethyl]phenyl]benzenesulfonamide}zinc(II). <i>Polyhedron</i> , 2017 , 133, 231-237 | 2.7 | 16 |
| 418 | Diastereoselectivity of Azido-Ugi Reaction with Secondary Amines. Stereoselective Synthesis of Tetrazole Derivatives. <i>Journal of Organic Chemistry</i> , 2017 , 82, 6100-6107 | 4.2 | 18 |
| 417 | Synthesis of 1-tetrazolyl-substituted 2,3,4,9-tetrahydro-1H- β -carbolines and their transformations involving activated alkynes. <i>Chemistry of Heterocyclic Compounds</i> , 2017 , 53, 575-581 | 1.4 | 3 |
| 416 | A New Mode of Operation of Pd-NHC Systems Studied in a Catalytic Mizoroki-Heck Reaction. <i>Organometallics</i> , 2017 , 36, 1981-1992 | 3.8 | 97 |
| 415 | 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. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 515-519 | 0.7 | 6 |
| 414 | Unusual Tri-, Hexa-, and Nonanuclear Cu(II) Cage Methylsilsesquioxanes: Synthesis, Structures, and Catalytic Activity in Oxidations with Peroxides. <i>Inorganic Chemistry</i> , 2017 , 56, 4093-4103 | 5.1 | 44 |

| | | | |
|-----|---|-----|----|
| 413 | Hydride transfer reactions of 5-(2-alkoxybenzylidene) barbituric acids: Synthesis of 2,4,6-trioxoperhydropyrimidine-5-spiro-3'-chromanes. <i>Tetrahedron</i> , 2017 , 73, 542-549 | 2.4 | 6 |
| 412 | Vanadium (V) and titanium (IV) compounds with 2-[hydroxy(diaryl)methyl]-8-hydroxyquinolines: Synthesis, structure and catalytic behaviors to olefin polymerization. <i>European Polymer Journal</i> , 2017 , 87, 266-276 | 5.2 | 18 |
| 411 | Synthesis and reactivity in ethylene oligomerization by heteroscorpionate dibromonickel(II) complexes. <i>Inorganica Chimica Acta</i> , 2017 , 458, 58-67 | 2.7 | 11 |
| 410 | Reactions of 3,4-dihydroisoquinolines and dihydrothieno[3,2-c]pyridines with benzyne. <i>Mendeleev Communications</i> , 2017 , 27, 506-508 | 1.9 | 3 |
| 409 | Synthesis of 3,4-diaryl-5-carboxy-4,5-dihydroisoxazole 2-oxides as valuable synthons for anticancer molecules. <i>Tetrahedron</i> , 2017 , 73, 6728-6735 | 2.4 | 12 |
| 408 | 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. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 338-340 | 0.7 | 1 |
| 407 | 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 9,9-dimethyl-3,7-di-aza-bicyclo-[3.3.1]nonane-2,4,6,8-tetra-one, dimethyl formamide | 0.7 | 1 |
| 406 | Unusual thermolysis of aza-cyclic allene under microwave conditions: crystal structure of (3,3a,8,8a)-methyl 5,6-dimethoxy-3a,10-dimethyl-1-phenyl-3,3a,8,8a-tetra-hydro-3,8-(epimino-methano)-cyclo-penta-[]indene-2-carboxyl-ate from synchrotron X-ray diffraction. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 1097-1101 | 0.7 | 1 |
| 405 | Tuning linkage isomerism and magnetic properties of bi- and tri-metallic cage silsesquioxanes by cation and solvent effects. <i>Dalton Transactions</i> , 2017 , 46, 12935-12949 | 4.3 | 23 |
| 404 | Formamidinium iodide: crystal structure and phase transitions. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 569-572 | 0.7 | 27 |
| 403 | Crystal Structure of DMF-Intermediate Phases Uncovers the Link Between CH ₃ NH ₃ PbI ₃ Morphology and Precursor Stoichiometry. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 20739-20743 | 3.8 | 92 |
| 402 | Reaction of methyl 2,4-dioxobutanoates with tetracyanoethylene. <i>Russian Journal of General Chemistry</i> , 2017 , 87, 1490-1494 | 0.7 | |
| 401 | Ionic Complexes of Tetra- and Nonanuclear Cage Copper(II) Phenylsilsesquioxanes: Synthesis and High Activity in Oxidative Catalysis. <i>ChemCatChem</i> , 2017 , 9, 4437-4447 | 5.2 | 27 |
| 400 | Chemical Modification of Plant Alkaloids. 7. T-Reaction of an Aloperine Derivative. <i>Chemistry of Natural Compounds</i> , 2017 , 53, 703-707 | 0.7 | 2 |
| 399 | Racemic and enantiopure forms of 3-ethyl-3-phenylpyrrolidin-2-one adopt very different crystal structures. <i>Chirality</i> , 2017 , 29, 623-633 | 2.1 | 2 |
| 398 | SiCuN Cage Hexacoppersilsesquioxanes Containing N Ligands: Synthesis, Structure, and High Catalytic Activity in Peroxide Oxidations. <i>Inorganic Chemistry</i> , 2017 , 56, 15026-15040 | 5.1 | 28 |
| 397 | 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, <i>Org. Biomol. Chem.</i> , 2013, 11, 407. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 6447-6450 | 3.9 | 2 |
| 396 | Adducts of N-Heterocyclic Drugs, Niacin, Allopurinol, and Amiloride, with 2,4-Pyridinedicarboxylic Acid Coformer. <i>Crystal Growth and Design</i> , 2017 , 17, 4237-4245 | 3.5 | 6 |

| | | | |
|-----|--|-----|----|
| 395 | 1,5-Diaryl-3-oxo-1,4-pentadienes based on (4-oxopiperidin-1-yl)(aryl)methyl phosphonate scaffold: synthesis and antitumor properties. <i>Medicinal Chemistry Research</i> , 2017 , 26, 140-152 | 2.2 | 9 |
| 394 | A mechanistic study of the Lewis acidBrønsted baseBrønsted acid catalysed asymmetric Michael addition of diethyl malonate to cyclohexenone. <i>Catalysis Science and Technology</i> , 2017 , 7, 90-101 | 5.5 | 6 |
| 393 | Synthesis and characterization of a series of novel metal complexes of N-heterocyclic azo-colorants derived from 4-azo-pyrazol-5-one. <i>Polyhedron</i> , 2017 , 121, 41-52 | 2.7 | 14 |
| 392 | Nickel(II) complexes with cytosine and threonine: Synthesis and structure. <i>Journal of Structural Chemistry</i> , 2017 , 58, 1318-1323 | 0.9 | 1 |
| 391 | [3+2] Cycloaddition of o-nitrophenyl azide to 3a,6-epoxyisoindoles. <i>Chemistry of Heterocyclic Compounds</i> , 2017 , 53, 1199-1206 | 1.4 | 2 |
| 390 | Synthesis and antimitotic properties of ortho-substituted polymethoxydiarylazolopyrimidines. <i>Arkivoc</i> , 2017 , 2017, 151-165 | 0.9 | 2 |
| 389 | Reactions of 5-Indolizyl Lithium Compounds with Some Bielectrophiles. <i>Molecules</i> , 2017 , 22, | 4.8 | 4 |
| 388 | High Catalytic Activity of Heterometallic (Fe ₆ Na ₇ and Fe ₆ Na ₆) Cage Silsesquioxanes in Oxidations with Peroxides. <i>Catalysts</i> , 2017 , 7, 101 | 4 | 32 |
| 387 | High-Throughput Small-Molecule Crystallography at the BelokBeamline of the Kurchatov Synchrotron Radiation Source: Transition Metal Complexes with Azomethine Ligands as a Case Study. <i>Crystals</i> , 2017 , 7, 325 | 2.3 | 36 |
| 386 | 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. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 118-121 | | 1 |
| 385 | 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. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 1208-1212 | 0.7 | |
| 384 | Short Approach to Pyrrolopyrazino-, Pyrrolodiazepino-Isoindoles and their Benzo Analogues via the IMDAF Reaction. <i>Current Organic Synthesis</i> , 2017 , 14, | 1.9 | 1 |
| 383 | A new approach to alkaloid-like systems: synthesis and crystal structure of 1-(2-acetyl-11-methoxy-5,6-dihydro-[1,3]dioxolo[4,5-pyrrolo-[2,1-isoquinolin-1-yl]propan-2-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 1732-1734 | 0.7 | |
| 382 | 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. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016 , 72, 1343-1347 | 0.7 | 1 |
| 381 | Synthesis, Structure, and Analgesic Properties of Phosphorylated Dihydro-1,4-Benzodiazepin-2-Ones*. <i>Pharmaceutical Chemistry Journal</i> , 2016 , 50, 229-233 | 0.9 | |
| 380 | From Cyclic CF ₃ -ketimines to a Family of Trifluoromethylated Nazline and Trypargine Analogues. <i>Organic Letters</i> , 2016 , 18, 4494-7 | 6.2 | 17 |
| 379 | Synthesis and study of (hexacaprolactam)trionium dodecamolybdophosphate (C ₆ H ₁₁ NO) ₆ H ₃ [PMo ₁₂ O ₄₀]. <i>Russian Journal of General Chemistry</i> , 2016 , 86, 1641-1646 | 0.7 | 2 |
| 378 | Crystal structures of the two epimers from the unusual thermal C ₆ -epimerization of 5-oxo-1,2,3,5,5a,6,7,9b-octa-hydro-7,9a-epoxy-pyrrolo-[2,1-iso-indole-6-carb-oxy-lic acid, 5a(0),6(0),7(0),9a(0),9b(0) and 5a(0),6(0),7(0),9a(0),9b(0). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016 , 72, 1428-1433 | 0.7 | 1 |

| | | | |
|-----|---|------|-------------------|
| 377 | Cage-like Fe,Na-Germesquioxanes: Structure, Magnetism, and Catalytic Activity. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 15360-15363 | 16.4 | 31 |
| 376 | Cage-like Fe,Na-Germesquioxanes: Structure, Magnetism, and Catalytic Activity. <i>Angewandte Chemie</i> , 2016 , 128, 15586-15589 | 3.6 | 1 |
| 375 | Cyclocondensation of acetylferrocene under ultrasonic conditions. <i>Russian Chemical Bulletin</i> , 2016 , 65, 223-227 | 1.7 | 3 |
| 374 | Uncommon expansion of piperidine ring into hydroazocine ring in reactions of some piperidine β -acyl derivatives with acetylenecarboxylic acids esters. <i>Russian Journal of Organic Chemistry</i> , 2016 , 52, 219-222 | 0.7 | |
| 373 | Synthesis of novel fluorescent 12a-aryl substituted indoxylisoquinolines via aryne-induced domino process. <i>RSC Advances</i> , 2016 , 6, 12642-12646 | 3.7 | 12 |
| 372 | Easy construction of furo[2,3-f]isoindole core by the IMDAV reaction between 3-(furyl)allylamines and β,β -unsaturated acid anhydrides. <i>Tetrahedron</i> , 2016 , 72, 2239-2253 | 2.4 | 8 |
| 371 | Determination of the Absolute Configuration of CN-Palladacycles by $^31\text{P}\{^1\text{H}\}$ NMR Spectroscopy Using (1R,2S,5R)-Menthylxydiphenylphosphine as the Chiral Derivatizing Agent: Efficient Chirality Transfer in Phosphinite Adducts. <i>Organometallics</i> , 2016 , 35, 75-90 | 3.8 | 6 |
| 370 | C-H-Activated Direct Arylation of Strong Benzothiadiazole and Quinoxaline-Based Electron Acceptors. <i>Journal of Organic Chemistry</i> , 2016 , 81, 360-70 | 4.2 | 29 |
| 369 | 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. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016 , 72, 1321-1325 | 0.7 | |
| 368 | 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. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016 , 72, 1557-1561 | 0.7 | |
| 367 | Hydrohydrazination of Arylalkynes Catalyzed by an Expanded Ring N-Heterocyclic Carbene (er-NHC) Gold Complex Under Solvent-Free Conditions. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 1463-1468 ²² | 5.6 | 468 ²² |
| 366 | A Straightforward Approach to Tetrahydroindolo[3,2-b]carbazoles and 1-Indolyltetrahydrocarbazoles through [3+3] Cyclodimerization of Indole-Derived Cyclopropanes. <i>Chemistry - A European Journal</i> , 2016 , 22, 1223-7 | 4.8 | 22 |
| 365 | Synthesis of dienes with tetrafluorophenylene bridge based on the catalytic olefination reaction. New promising monomers for the design of molecular architectures with halogen-halogen interactions. <i>Russian Chemical Bulletin</i> , 2016 , 65, 1541-1549 | 1.7 | 4 |
| 364 | Crystal structure of (1R,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)]pcta-co acetic acid monosolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016 , 72, 1866-1866 | 0.7 | |
| 363 | 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. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016 , 72, 1864-1866 | 0.7 | 1 |
| 362 | New enolate-carbodiimide rearrangement in the concise synthesis of 6-amino-2,3-dihydro-4-pyridinones from homoallylamines. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 4283-98 | 3.9 | 11 |
| 361 | Dill and parsley seed extracts in scale up synthesis of aminopolyalkoxybenzenes -beneficial synthons for fused nitrogen polyalkoxyheterocycles. <i>Mendeleev Communications</i> , 2016 , 26, 66-68 | 1.9 | 5 |
| 360 | Ring-chain tautomerism in the products of the reaction between 5-substituted furfurylamines and anhydrides of β,β -unsaturated carboxylic acids. <i>Chemistry of Heterocyclic Compounds</i> , 2016 , 52, 225-236 | 1.4 | 5 |

| | | | |
|-----|---|------|----|
| 359 | An unusually stable pyridine-2-selenenyl chloride: structure and reactivity. <i>Structural Chemistry</i> , 2016 , 27, 1733-1741 | 1.8 | 8 |
| 358 | Distinct molecular structures and hydrogen bond patterns of β,β -diethyl-substituted cyclic imide, lactam, and acetamide derivatives in the crystalline phase. <i>Journal of Molecular Structure</i> , 2016 , 1121, 196-202 | 3.4 | 5 |
| 357 | Facile Incorporation of Pd(PPh ₃) ₂ Hal Substituents into Polymethines, Merocyanines, and Perylene Diimides as a Means of Suppressing Intermolecular Interactions. <i>Journal of the American Chemical Society</i> , 2016 , 138, 10112-5 | 16.4 | 20 |
| 356 | A novel multi-component approach to the synthesis of pyrrolo[2,1-a]isoquinoline derivatives. <i>RSC Advances</i> , 2016 , 6, 74068-74071 | 3.7 | 17 |
| 355 | Non-rigid molecule of copper(II) diiminate Cu[CF ₃ C(NH)C(F)C(NH)CF ₃] ₂ , its conformational polymorphism in crystal and structure in solutions (Raman, UV-vis and quantum chemistry study). <i>Journal of Molecular Structure</i> , 2015 , 1098, 246-254 | 3.4 | 2 |
| 354 | Mixed-stack architecture and solvatomorphism of trimeric perfluoro-ortho-phenylene mercury complexes with dithieno[3,2-b:2',3'-d]thiophene. <i>Journal of Molecular Structure</i> , 2015 , 1100, 506-512 | 3.4 | 4 |
| 353 | Carboxylic Group-Assisted Proton Transfer in Gold-Mediated Thiolation of Alkynes. <i>Organometallics</i> , 2015 , 34, 5214-5224 | 3.8 | 14 |
| 352 | Vanadium (IV), (V) coordination compounds with 8-hydroxyquinoline derivative: Synthesis, structure and catalytic activity in the polymerization of ethylene. <i>Journal of Organometallic Chemistry</i> , 2015 , 798, 393-400 | 2.3 | 11 |
| 351 | Synthesis of 2-(chloro(methoxy, morpholino)methyl)-hexahydropyrimidothieno[3,2-c]azocines and tetrahydrospiro[pyrido[4,5']thieno[2,3-d]pyrimidines]. <i>Chemistry of Heterocyclic Compounds</i> , 2015 , 51, 17-25 | 1.4 | 5 |
| 350 | Cytotoxic Activity of Salicylic Acid-Containing Drug Models with Ionic and Covalent Binding. <i>ACS Medicinal Chemistry Letters</i> , 2015 , 6, 1099-104 | 4.3 | 53 |
| 349 | A novel domino condensation/intramolecular nucleophilic cyclization approach toward annulated imidazo-pyrrolopyridines. <i>Tetrahedron Letters</i> , 2015 , 56, 6475-6477 | 2 | 5 |
| 348 | Pd-NHC Catalytic System for the Efficient Atom-Economic Synthesis of Vinyl Sulfides from Tertiary, Secondary, or Primary Thiols. <i>ACS Catalysis</i> , 2015 , 5, 7208-7213 | 13.1 | 44 |
| 347 | 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. <i>Medicinal Chemistry Research</i> , 2015 , 24, 1753-1762 | 2.2 | 6 |
| 346 | Crystal structure of cyclo-tris-(β ,4,5,6-tetra-fluoro-o-phenyl-ene- β) C (1):C (2))trimercury-tetra-cyano-ethyl-ene (1/1). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, 1375-8 | 0.7 | |
| 345 | A new approach to ferrocene derived alkenes via copper-catalyzed olefination. <i>Beilstein Journal of Organic Chemistry</i> , 2015 , 11, 2072-8 | 2.5 | 4 |
| 344 | Physicochemical study of ammonium dicobalt(II)-octa-molybdenum with the composition (NH ₄) ₂ [Co(H ₂ O) ₄] ₂ [Mo ₈ O ₂₇]·BH ₂ O. <i>Journal of Structural Chemistry</i> , 2015 , 56, 912-918 | 0.9 | 1 |
| 343 | Synthesis and reactivity of 3-(2,2-dimethylhydrazono)-5-R-cyclopentane-1,1,2,2-tetracarbonitriles. <i>Russian Journal of General Chemistry</i> , 2015 , 85, 2285-2290 | 0.7 | |
| 342 | Facile Hydrolysis of Nickel(II) Complexes with N-Heterocyclic Carbene Ligands. <i>Organometallics</i> , 2015 , 34, 5759-5766 | 3.8 | 38 |

- 341 The Structure and EPR Behavior of Nitroxide Biradical Containing Phosphorus Atom in the Bridge. *Applied Magnetic Resonance*, **2015**, 46, 1429-1442 0.8 6
- 340 New domino dimerization of cyclopropylindoles: synthesis of 1,3-bis(indolyl)cyclopentanes. *Chemistry of Heterocyclic Compounds*, **2015**, 51, 936-939 1.4 5
- 339 Crystal structure of rac-(3aR*,9aS*)-4,4,4-tri-chloro-1,2,3,3a,4,9a-hexa-hydro-4H,9H-cyclo-penta-[4,5][1,3]tellurazolo[3,2-a]pyridine. *Acta Crystallographica Section E: Crystallographic Communications*, **2015**, 71, o598-9
- 338 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-carboxylic acid. *Acta Crystallographica Section E: Crystallographic Communications*, **2015**, 71, o729-30
- 337 Guanidinium-Based Artificial Receptors for Binding Orthophosphate in Aqueous Solution. *European Journal of Organic Chemistry*, **2014**, 2014, 2747-2753 3.2 22
- 336 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
- 335 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
- 334 General synthetic approach towards annelated 3a,6-epoxyisindoles by tandem acylation/IMDAF reaction of furylazaheterocycles. Scope and limitations. *Tetrahedron*, **2014**, 70, 1659-1690 2.4 33
- 333 Homo- and heterometallic luminescent 2-D stilbene metal-organic frameworks. *Dalton Transactions*, **2014**, 43, 2925-35 4.3 25
- 332 3-(5-)Amino-o-diarylisoxazoles: regioselective synthesis and antitubulin activity. *European Journal of Medicinal Chemistry*, **2014**, 73, 112-25 6.8 15
- 331 1,5-Thione-thiol isomerization of 3-O-phosphorylated 1,4-benzodiazepine. *Russian Journal of General Chemistry*, **2014**, 84, 1748-1753 0.7 3
- 330 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
- 329 A halogenophilic pathway in the reactions of transition metal carbonyl anions with [(η⁵-iodobenzene)Cr(CO)]⁻. *Dalton Transactions*, **2014**, 43, 13392-8 4.3 5
- 328 Crystal structure of 1,1-di-acetyl-ferrocene dihydrazone. *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, m286-7 3
- 327 Rhodium(III) cationic methyl complexes containing dimethylformamide ligand, cis-[Rh(η²-diket)(PPh₃)₂(CH₃)(DMF)][BPh₄] (η²-diket = acetylacetonate or benzoylacetonate), in comparison with their acetonitrile analogs. *Journal of Organometallic Chemistry*, **2014**, 774, 1-5 2.3
- 326 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
- 325 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
- 324 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

| | | | |
|-----|---|-----|----|
| 323 | The Structure and EPR Behavior of Short Nitroxide Biradicals Containing Sulfur Atom in the Bridge. <i>Applied Magnetic Resonance</i> , 2014 , 45, 397-409 | 0.8 | 8 |
| 322 | Transformations of 10-Substituted Tetrahydrobenzo[b][1,6]naphthyridines through Interaction with Dehydrobenzene. <i>Chemistry of Heterocyclic Compounds</i> , 2014 , 50, 264-270 | 1.4 | 2 |
| 321 | 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. <i>Crystal Growth and Design</i> , 2014 , 14, 3975-3982 | 3.5 | 3 |
| 320 | 2-Bromo-1-[1-(4-bromo-phen-yl)-5-methyl-1H-1,2,3-triazol-4-yl]ethanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o818 | | 1 |
| 319 | 3-Bromo-2-[4-(methyl-sulfan-yl)phen-yl]-5,6,7,8-tetra-hydro-1,3-benzo-thia-zolo[3,2-a]imidazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o596-7 | | |
| 318 | Absolute Configuration and Polymorphism of 2-Phenylbutyramide and β -Methyl- β -phenylsuccinimide. <i>Crystal Growth and Design</i> , 2014 , 14, 3360-3369 | 3.5 | 12 |
| 317 | 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. <i>Russian Journal of Organic Chemistry</i> , 2014 , 50, 1797-1803 | 0.7 | 3 |
| 316 | 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. <i>Russian Chemical Bulletin</i> , 2014 , 63, 2502-2508 | 1.7 | 2 |
| 315 | Palladium-catalyzed amination of meso-(bromophenyl)porphyrins with diamines and azamacrocycles. <i>Dalton Transactions</i> , 2014 , 43, 3563-75 | 4.3 | 5 |
| 314 | X-ray diffraction study of ammonium octamolybdate. <i>Russian Journal of General Chemistry</i> , 2014 , 84, 1651-1655 | 0.7 | |
| 313 | 2-Bromo-4-phenyl-1,3-thia-zole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o139 | | 2 |
| 312 | (Z)-N-[1-(Aziridin-1-yl)-2,2,2-tri-fluoro-ethyl-idene]-4-bromo-aniline. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o550 | | |
| 311 | 2-Phenyl-5,6,7,8-tetra-hydro-imidazo[2,1-b][1,3]benzo-thia-zole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o668 | | |
| 310 | Crystal structure of 8-hy-droxy-quinoline: a new monoclinic polymorph. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o924-5 | | 11 |
| 309 | Crystal structure of 1,3-dimethyl-3-phenyl-pyrrolidine-2,5-dione: a clinically used anti-convulsant. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o942-3 | | 1 |
| 308 | 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] | | |
| 307 | Rhodium(I) dimethyl sulfoxide oxyquinolinoato carbonyl complex, [Rh(Oxq)(CO)(DMSO)]. NMR and X-ray structure data. <i>Journal of Organometallic Chemistry</i> , 2014 , 761, 123-126 | 2.3 | 7 |
| 306 | 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. <i>Tetrahedron: Asymmetry</i> , 2014 , 25, 667-676 | | 10 |

| | | | |
|-----|--|-----|----|
| 305 | Synthesis and Molecular Structure of Dibenzo [4-(η -Thienyl- and η -Pyrrolyl)pyrido]aza-14-crown-4 Ethers. <i>Macrocyclics</i> , 2014 , 7, 386-390 | 2.2 | 8 |
| 304 | Novel domino reaction of N-(cyanomethyl)-5,10-dihydro[1]benzosilano[3,2-c]pyridinium salts with salicylaldehydes. <i>Chemistry of Heterocyclic Compounds</i> , 2013 , 49, 484-490 | 1.4 | 4 |
| 303 | Synthesis, structural and spectral features of CH-Acids: Amides of 2,4-dinitrophenylcyanoacetic acid and their ammonium salts. <i>Russian Journal of General Chemistry</i> , 2013 , 83, 959-968 | 0.7 | |
| 302 | Spin exchange in piperidineoxyl polyradicals with bridges containing methylene groups. <i>Russian Journal of Physical Chemistry B</i> , 2013 , 7, 708-716 | 1.2 | 3 |
| 301 | Electron transfer in the peroxytrifluoroacetic acid-assisted sulfoxidation and oxidative destruction of benzhydryl sulfides. <i>Russian Chemical Bulletin</i> , 2013 , 62, 1164-1175 | 1.7 | 1 |
| 300 | Molecular and crystal structure of tris(2-hydroxyphenyl)phosphine oxide. <i>Doklady Chemistry</i> , 2013 , 448, 55-60 | 0.8 | 11 |
| 299 | Diorganyl dichalcogenides with intramolecular coordination interactions: the synthesis and structure of bis(4,6-dimethylpyrimidin-2-yl) diselenide. <i>Russian Chemical Bulletin</i> , 2013 , 62, 2462-2466 | 1.7 | 1 |
| 298 | Radical-chain oxidative addition mechanism for the reaction of an [Re(CO) ₅] ⁻ anion with η -bromostilbene. <i>Dalton Transactions</i> , 2013 , 42, 4223-32 | 4.3 | 3 |
| 297 | Synthesis and characterization of acetamidine rhodium(III) cationic methyl complex, trans-[Rh(Acac)(PPh ₃) ₂ (CH ₃){NHC(NH ₂)CH ₃ }] [BPh ₄], produced by amination of acetonitrile ligand in trans-[Rh(Acac)(PPh ₃) ₂ (CH ₃)(CH ₃ CN)] [BPh ₄]. <i>Journal of Organometallic Chemistry</i> , 2013 , 735, 47-51 | 2.3 | 1 |
| 296 | Supramolecular synthesis based on piperidone derivatives and pharmaceutically acceptable co-formers. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013 , 69, 421-7 | | 2 |
| 295 | Expanded ring diaminocarbene palladium complexes: synthesis, structure, and Suzuki-Miyaura cross-coupling of heteroaryl chlorides in water. <i>Dalton Transactions</i> , 2013 , 42, 6859-66 | 4.3 | 77 |
| 294 | Structure-property relationships for N-phosphoryl substituted E,E-3,5-bis(arylidene)piperid-4-ones. <i>Journal of Molecular Structure</i> , 2013 , 1043, 68-74 | 3.4 | |
| 293 | Reaction of η -bromo enones with 1,2-diamines. Cascade assembly of 3-(trifluoromethyl)piperazin-2-ones via rearrangement. <i>Organic Letters</i> , 2013 , 15, 2726-9 | 6.2 | 29 |
| 292 | Evidence on palladacycle-retaining pathway for Suzuki coupling. Inapplicability of Hg-drop test for palladacycle catalysed reactions. <i>Journal of Organometallic Chemistry</i> , 2013 , 737, 59-63 | 2.3 | 17 |
| 291 | Templating irreversible covalent macrocyclization by using anions. <i>Chemistry - A European Journal</i> , 2013 , 19, 3710-4 | 4.8 | 11 |
| 290 | 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-hexaene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o565-6 | | |
| 289 | Diorganyl ditellurides with intramolecular coordination bonds: synthesis and structure of bis(4,6-dimethylpyrimidin-2-yl) ditelluride. <i>Russian Chemical Bulletin</i> , 2013 , 62, 1877-1881 | 1.7 | 1 |
| 288 | 6-(4-Chloro-phen-yl)-3-methyl-imidazo[2,1-b]thia-zole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1701 | | 2 |

| | | | | |
|-----|--|-----|----|----|
| 287 | (E)-1,5-Di-phenyl-pent-2-en-4-yn-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o911 | | | 1 |
| 286 | Synthesis of pyrrolo[1,2-a][1,6]benzodiazonines from pyrrolo[1,2-a][1,4]benzodiazepines and alkynes containing electron-acceptor substituents. <i>Chemistry of Heterocyclic Compounds</i> , 2013 , 49, 1024-1032 | 1.4 | 11 | |
| 285 | 3-Bromo-7-methoxy-2-phenyl-imidazo[2,1-b][1,3]benzothiazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o531 | | | 3 |
| 284 | 1-Methyl-3-(2-oxo-2H-chromen-3-yl)-1H-imidazol-3-ium picrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o839 | | | 1 |
| 283 | 3-(4-Methoxyphenyl)-1,3-selenazolo[2,3-b][1,3]benzothiazol-4-ium hydrogen sulfate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o703-4 | | | 1 |
| 282 | Dichloridobis(pyridine-2-selenolato- λ (2) N,Se)tin(IV). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, m364-5 | | | 2 |
| 281 | rac-(1S*,4aS*,8aS*)-4a-Hydroxy-2-methyl-perhydro-spiro[isoquinoline-4,1'-cyclohexa-n]-2'-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o628 | | | 1 |
| 280 | 2-(Adamantan-1-yl)-N-(6-methoxy-1,3-benzothiazol-2-yl)acetamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1472 | | | |
| 279 | Pyrimidine-2,4-diamine acetone monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o251 | | | 4 |
| 278 | Synthesis of a Novel Crown-Fused Tetraphenylporphyrin. <i>Macroheterocycles</i> , 2013 , 6, 74-76 | 2.2 | | 2 |
| 277 | (1R*,21S*,22R*,24S*)-Methyl ethyl 2-[23-hydroxy-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- | | | |
| 276 | rac-Methyl (3aR*,4S*,5R*,7aR*)-5,7a-bis(acetyloxy)-3-oxo-2-phenyl-octa-hydro-1H-iso-indole-4-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1555 | | | |
| 275 | New rhenium(III) complexes with fluorinated β -diketones. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2012 , 38, 200-206 | 1.6 | | 1 |
| 274 | 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. <i>Russian Journal of Organic Chemistry</i> , 2012 , 48, 552-555 | 0.7 | | 1 |
| 273 | A New Method of Synthesis of 6-Substituted Piperidine-2,4-diones from Homoallylamines. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 334-344 | 3.2 | | 15 |
| 272 | New bifunctional organocatalysts based on (R,R)-cyclohexane-1,2-diamine for the asymmetric addition of nucleophiles to aldehydes. <i>Russian Chemical Bulletin</i> , 2012 , 61, 51-58 | 1.7 | | 1 |
| 271 | Synthesis of Polycyclic Imidazo[1,4]thiazine Derivatives by an ANRORC Domino Reaction. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 6124-6126 | 3.2 | | 10 |
| 270 | Chemoselectivity of [4 + 2] cycloaddition in N-maleyl- and N-allyl-2,6-difurypiperidin-4-ones. <i>Chemistry of Heterocyclic Compounds</i> , 2012 , 48, 785-794 | 1.4 | | 1 |

- 269 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
- 268 Cycloaddition of di(2-pyridyl) ditelluride to norbornene stimulated by antimony pentachloride. *Chemistry of Heterocyclic Compounds*, **2012**, 48, 1085-1089 1.4 3
- 267 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
- 266 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
- 265 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
- 264 Cycloaddition of 2-pyridinetellurenyl chloride to alkenes. *Russian Chemical Bulletin*, **2012**, 61, 91-94 1.7 8
- 263 Transformations of tetrahydropyrido[4,3-d: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
- 262 A novel type of catalysts for the asymmetric C-C bond formation based on chiral stereochemically inert cationic Co(III) complexes. *Russian Chemical Bulletin*, **2012**, 61, 2252-2260 1.7 10
- 261 Novel Synthetic Route Toward Benzofuran-pyridine-Based Spirans. *Synthetic Communications*, **2012**, 42, 3337-3343 1.7 5
- 260 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
- 259 On the reaction of fused benzodiazepines with alkynes containing electron-withdrawing groups. *Russian Chemical Bulletin*, **2012**, 61, 1220-1230 1.7 5
- 258 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
- 257 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
- 256 Highly flexible molecule "Chameleon": reversible thermochromism and phase transitions in solid copper(II) diiminate Cu[CF₃-C(NH)-CF₂-C(NH)-CF₃]₂. *Inorganic Chemistry*, **2012**, 51, 10590-602 5.1 17
- 255 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-d:1,2]pyrimido[4,5-d]azocines. *Russian Chemical Bulletin*, **2012**, 61, 1603-1608 1.7 2
- 254 Methylenebisphosphonates with dienone pharmacophore: synthesis, structure, antitumor and fluorescent properties. *Archiv Der Pharmazie*, **2012**, 345, 349-59 4.3 19
- 253 Synthesis, characterization and cation-induced dimerization of new aza-crown ether-appended metalloporphyrins. *Dalton Transactions*, **2012**, 41, 7624-36 4.3 18
- 252 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

| | | | |
|-----|---|------|----|
| 251 | Transformations of 4-oxo-4H-chromene-3-carbaldehyde under the action of Fe(CO) ₅ . <i>Russian Journal of Organic Chemistry</i> , 2012 , 48, 451-455 | 0.7 | 7 |
| 250 | Catalytic adaptive recognition of thiol (SH) and selenol (SeH) groups toward synthesis of functionalized vinyl monomers. <i>Journal of the American Chemical Society</i> , 2012 , 134, 6637-49 | 16.4 | 84 |
| 249 | Aerogel/copper nanocomposites prepared using the adsorption of a polyfluorinated complex from supercritical CO ₂ . <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1 | 2.3 | 24 |
| 248 | 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. <i>Amino Acids</i> , 2012 , 43, 299-308 | 3.5 | 4 |
| 247 | Dichloridobis(pyridine-2-thiolato- λ^2 (N,S))tin(IV): a new polymorph. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, m875-6 | | 1 |
| 246 | [Bis(pyridin-2-yl) selenide- λ^2 (N,N')]tetra-chloridotin(IV). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, m983 | | |
| 245 | 1-Methyl-2,3-dihydro-1H-benzimidazole-2-selone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1381 | | 6 |
| 244 | 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),16,18-hexaen-2-yl chloro-form monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2848-9 | | 7 |
| 243 | Pyridine-2,5-diamine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o3353 | | 3 |
| 242 | 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-2-yl]acetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1386-7 | | |
| 241 | 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-2-yl]acetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1588-9 | | |
| 240 | 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-2-yl acetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2165-6 | | 8 |
| 239 | Potassium [(1S)-1-azido-2-phenyl-ethyl]trifluorido-borate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, m1048 | | |
| 238 | 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-hexaen-2-yl]acetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2431-2 | | |
| 237 | [N-(1-Aza-nidyl-2,2,2-trichloro-ethyl-ylene)-2,2,2-trichloro-ethanimidamide]-copper(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, m1220-1 | | 1 |
| 236 | (3aS,4S,6S,7aR)-Hexahydro-3a,5,5-trimethyl-2-phenyl-4,6-methano-1,3,2-benzodioxaborole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o3103 | | 1 |
| 235 | 3-Methyl-1,2,3,4,5,6,1',2',3',4'-deca-hydro-spiro-[benz[f]isoquinoline-1,2'-naphthalen]-1'-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o3230 | | 4 |
| 234 | 6-Methyl-pyridin-2-amine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o3466 | | 4 |

- 233 Dual reactivity of N-heterocyclic carbenes towards copper(II) salts. *Dalton Transactions*, **2011**, 40, 3074-64.3 28
- 232 Trifluoroacetylacetonate rhodium(III) methyl complexes, cis-[Rh(TFA)(PPh₃)₂(CH₃)(L)][BPh₄] and cis-[Rh(TFA)(PPh₃)₂(CH₃)(L)] (L=CH₃CN, NH₃, pyridine), in comparison with their acetylacetonate analogs. *Journal of Organometallic Chemistry*, **2011**, 696, 3214-3222 2.3 3
- 231 Macrocyclic receptor for pertechnetate and perrhenate anions. *Organic and Biomolecular Chemistry*, **2011**, 9, 7358-64 3.9 17
- 230 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
- 229 Skeletal Wagner-Meerwein rearrangement of perhydro-3a,6,4,5-diepoxyisoindoles. *Tetrahedron*, **2011**, 67, 9148-9163 2.4 31
- 228 A novel synthesis of indolines by reaction of ortho-nitrophenylmalonates with bis(dimethylamino)methane. *Tetrahedron Letters*, **2011**, 52, 6713-6715 2 2
- 227 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
- 226 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
- 225 Unusual ozonolysis pattern for 28-oxo-2,3-indoloallobetulin. *Russian Chemical Bulletin*, **2011**, 60, 1781-1783 1.7 7
- 224 Cycloaddition of di(2-pyridyl) diselenide to styrene activated with antimony pentachloride. *Russian Chemical Bulletin*, **2011**, 60, 2057-2062 1.7 9
- 223 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
- 222 Synthesis and molecular structures of dibenzo(perhydrotriazino)aza-14-crown-4 ethers. *Russian Journal of Organic Chemistry*, **2011**, 47, 766-770 0.7 11
- 221 Synthesis of pyrrolidine and tetrahydroazone derivatives from N-[bis(ethoxycarbonyl)methyl]tetrahydropyridinium bromide and methyl acetylenedicarboxylate. *Russian Journal of Organic Chemistry*, **2011**, 47, 1738-1741 0.7 1
- 220 Vibrational spectra and structural features of carbene analogs EIII(OCH₂CH₂NMe₂)₂ and ClEIII(OCH₂CH₂NMe₂) (EIII = Ge, Sn, Pb). *Russian Chemical Bulletin*, **2011**, 60, 69-80 1.7 3
- 219 Bis(2-(dimethylamino)ethoxy-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
- 218 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
- 217 C≡M+ interaction in anionic η-fluorovinyl rhenium oxycarbene complexes and their η-fluoroenolate analogs. *Journal of Fluorine Chemistry*, **2011**, 132, 587-595 2.1 5
- 216 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

| | | | |
|-----|--|---|---|
| 215 | The reaction of tetrahydrochromeno[3,4-c]pyridines with activated alkynes. The first synthesis of tetrahydrochromeno[4,3-d]azocines. <i>Tetrahedron Letters</i> , 2011 , 52, 4189-4191 | 2 | 7 |
| 214 | 9-[(2-Hydroxy-benzyl-iden)amino]-11-(2-hydroxy-phen-yl)-10,13-diphenyl-8-oxa-12-azoniatricyclo-[7.3.1.0]trideca-2(7H)-one acetate ethanol disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o560-1 | | |
| 213 | 1,3-Benzothiazole-2(3H)-selone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o3050 | | 3 |
| 212 | (2E,25E)-11,14,17,33,36,39,42-Hepta-oxa-penta-cyclo-[41.4.0.0.0]hepta-tetra-conta-1(43),2,5(10),6,8,18,20,22,25,27,29,31,34,37,40,43,46,49,52,55,58,61,64,67,70,73,76,79,82,85,88,91,94,97,100,103,106,109,112,115,118,121,124,127,130,133,136,139,142,145,148,151,154,157,160,163,166,169,172,175,178,181,184,187,190,193,196,199,202,205,208,211,214,217,220,223,226,229,232,235,238,241,244,247,250,253,256,259,262,265,268,271,274,277,280,283,286,289,292,295,298,301,304,307,310,313,316,319,322,325,328,331,334,337,340,343,346,349,352,355,358,361,364,367,370,373,376,379,382,385,388,391,394,397,400,403,406,409,412,415,418,421,424,427,430,433,436,439,442,445,448,451,454,457,460,463,466,469,472,475,478,481,484,487,490,493,496,499,502,505,508,511,514,517,520,523,526,529,532,535,538,541,544,547,550,553,556,559,562,565,568,571,574,577,580,583,586,589,592,595,598,601,604,607,610,613,616,619,622,625,628,631,634,637,640,643,646,649,652,655,658,661,664,667,670,673,676,679,682,685,688,691,694,697,700,703,706,709,712,715,718,721,724,727,730,733,736,739,742,745,748,751,754,757,760,763,766,769,772,775,778,781,784,787,790,793,796,799,802,805,808,811,814,817,820,823,826,829,832,835,838,841,844,847,850,853,856,859,862,865,868,871,874,877,880,883,886,889,892,895,898,901,904,907,910,913,916,919,922,925,928,931,934,937,940,943,946,949,952,955,958,961,964,967,970,973,976,979,982,985,988,991,994,997,1000,1003,1006,1009,1012,1015,1018,1021,1024,1027,1030,1033,1036,1039,1042,1045,1048,1051,1054,1057,1060,1063,1066,1069,1072,1075,1078,1081,1084,1087,1090,1093,1096,1099,1102,1105,1108,1111,1114,1117,1120,1123,1126,1129,1132,1135,1138,1141,1144,1147,1150,1153,1156,1159,1162,1165,1168,1171,1174,1177,1180,1183,1186,1189,1192,1195,1198,1201,1204,1207,1210,1213,1216,1219,1222,1225,1228,1231,1234,1237,1240,1243,1246,1249,1252,1255,1258,1261,1264,1267,1270,1273,1276,1279,1282,1285,1288,1291,1294,1297,1300,1303,1306,1309,1312,1315,1318,1321,1324,1327,1330,1333,1336,1339,1342,1345,1348,1351,1354,1357,1360,1363,1366,1369,1372,1375,1378,1381,1384,1387,1390,1393,1396,1399,1402,1405,1408,1411,1414,1417,1420,1423,1426,1429,1432,1435,1438,1441,1444,1447,1450,1453,1456,1459,1462,1465,1468,1471,1474,1477,1480,1483,1486,1489,1492,1495,1498,1501,1504,1507,1510,1513,1516,1519,1522,1525,1528,1531,1534,1537,1540,1543,1546,1549,1552,1555,1558,1561,1564,1567,1570,1573,1576,1579,1582,1585,1588,1591,1594,1597,1600,1603,1606,1609,1612,1615,1618,1621,1624,1627,1630,1633,1636,1639,1642,1645,1648,1651,1654,1657,1660,1663,1666,1669,1672,1675,1678,1681,1684,1687,1690,1693,1696,1699,1702,1705,1708,1711,1714,1717,1720,1723,1726,1729,1732,1735,1738,1741,1744,1747,1750,1753,1756,1759,1762,1765,1768,1771,1774,1777,1780,1783,1786,1789,1792,1795,1798,1801,1804,1807,1810,1813,1816,1819,1822,1825,1828,1831,1834,1837,1840,1843,1846,1849,1852,1855,1858,1861,1864,1867,1870,1873,1876,1879,1882,1885,1888,1891,1894,1897,1900,1903,1906,1909,1912,1915,1918,1921,1924,1927,1930,1933,1936,1939,1942,1945,1948,1951,1954,1957,1960,1963,1966,1969,1972,1975,1978,1981,1984,1987,1990,1993,1996,1999,2002,2005,2008,2011,2014,2017,2020,2023,2026,2029,2032,2035,2038,2041,2044,2047,2050,2053,2056,2059,2062,2065,2068,2071,2074,2077,2080,2083,2086,2089,2092,2095,2098,2101,2104,2107,2110,2113,2116,2119,2122,2125,2128,2131,2134,2137,2140,2143,2146,2149,2152,2155,2158,2161,2164,2167,2170,2173,2176,2179,2182,2185,2188,2191,2194,2197,2200,2203,2206,2209,2212,2215,2218,2221,2224,2227,2230,2233,2236,2239,2242,2245,2248,2251,2254,2257,2260,2263,2266,2269,2272,2275,2278,2281,2284,2287,2290,2293,2296,2299,2302,2305,2308,2311,2314,2317,2320,2323,2326,2329,2332,2335,2338,2341,2344,2347,2350,2353,2356,2359,2362,2365,2368,2371,2374,2377,2380,2383,2386,2389,2392,2395,2398,2401,2404,2407,2410,2413,2416,2419,2422,2425,2428,2431,2434,2437,2440,2443,2446,2449,2452,2455,2458,2461,2464,2467,2470,2473,2476,2479,2482,2485,2488,2491,2494,2497,2500,2503,2506,2509,2512,2515,2518,2521,2524,2527,2530,2533,2536,2539,2542,2545,2548,2551,2554,2557,2560,2563,2566,2569,2572,2575,2578,2581,2584,2587,2590,2593,2596,2599,2602,2605,2608,2611,2614,2617,2620,2623,2626,2629,2632,2635,2638,2641,2644,2647,2650,2653,2656,2659,2662,2665,2668,2671,2674,2677,2680,2683,2686,2689,2692,2695,2698,2701,2704,2707,2710,2713,2716,2719,2722,2725,2728,2731,2734,2737,2740,2743,2746,2749,2752,2755,2758,2761,2764,2767,2770,2773,2776,2779,2782,2785,2788,2791,2794,2797,2800,2803,2806,2809,2812,2815,2818,2821,2824,2827,2830,2833,2836,2839,2842,2845,2848,2851,2854,2857,2860,2863,2866,2869,2872,2875,2878,2881,2884,2887,2890,2893,2896,2899,2902,2905,2908,2911,2914,2917,2920,2923,2926,2929,2932,2935,2938,2941,2944,2947,2950,2953,2956,2959,2962,2965,2968,2971,2974,2977,2980,2983,2986,2989,2992,2995,2998,3001,3004,3007,3010,3013,3016,3019,3022,3025,3028,3031,3034,3037,3040,3043,3046,3049,3052,3055,3058,3061,3064,3067,3070,3073,3076,3079,3082,3085,3088,3091,3094,3097,3100,3103,3106,3109,3112,3115,3118,3121,3124,3127,3130,3133,3136,3139,3142,3145,3148,3151,3154,3157,3160,3163,3166,3169,3172,3175,3178,3181,3184,3187,3190,3193,3196,3199,3202,3205,3208,3211,3214,3217,3220,3223,3226,3229,3232,3235,3238,3241,3244,3247,3250,3253,3256,3259,3262,3265,3268,3271,3274,3277,3280,3283,3286,3289,3292,3295,3298,3301,3304,3307,3310,3313,3316,3319,3322,3325,3328,3331,3334,3337,3340,3343,3346,3349,3352,3355,3358,3361,3364,3367,3370,3373,3376,3379,3382,3385,3388,3391,3394,3397,3400,3403,3406,3409,3412,3415,3418,3421,3424,3427,3430,3433,3436,3439,3442,3445,3448,3451,3454,3457,3460,3463,3466,3469,3472,3475,3478,3481,3484,3487,3490,3493,3496,3499,3502,3505,3508,3511,3514,3517,3520,3523,3526,3529,3532,3535,3538,3541,3544,3547,3550,3553,3556,3559,3562,3565,3568,3571,3574,3577,3580,3583,3586,3589,3592,3595,3598,3601,3604,3607,3610,3613,3616,3619,3622,3625,3628,3631,3634,3637,3640,3643,3646,3649,3652,3655,3658,3661,3664,3667,3670,3673,3676,3679,3682,3685,3688,3691,3694,3697,3700,3703,3706,3709,3712,3715,3718,3721,3724,3727,3730,3733,3736,3739,3742,3745,3748,3751,3754,3757,3760,3763,3766,3769,3772,3775,3778,3781,3784,3787,3790,3793,3796,3799,3802,3805,3808,3811,3814,3817,3820,3823,3826,3829,3832,3835,3838,3841,3844,3847,3850,3853,3856,3859,3862,3865,3868,3871,3874,3877,3880,3883,3886,3889,3892,3895,3898,3901,3904,3907,3910,3913,3916,3919,3922,3925,3928,3931,3934,3937,3940,3943,3946,3949,3952,3955,3958,3961,3964,3967,3970,3973,3976,3979,3982,3985,3988,3991,3994,3997,4000,4003,4006,4009,4012,4015,4018,4021,4024,4027,4030,4033,4036,4039,4042,4045,4048,4051,4054,4057,4060,4063,4066,4069,4072,4075,4078,4081,4084,4087,4090,4093,4096,4099,4102,4105,4108,4111,4114,4117,4120,4123,4126,4129,4132,4135,4138,4141,4144,4147,4150,4153,4156,4159,4162,4165,4168,4171,4174,4177,4180,4183,4186,4189,4192,4195,4198,4201,4204,4207,4210,4213,4216,4219,4222,4225,4228,4231,4234,4237,4240,4243,4246,4249,4252,4255,4258,4261,4264,4267,4270,4273,4276,4279,4282,4285,4288,4291,4294,4297,4300,4303,4306,4309,4312,4315,4318,4321,4324,4327,4330,4333,4336,4339,4342,4345,4348,4351,4354,4357,4360,4363,4366,4369,4372,4375,4378,4381,4384,4387,4390,4393,4396,4399,4402,4405,4408,4411,4414,4417,4420,4423,4426,4429,4432,4435,4438,4441,4444,4447,4450,4453,4456,4459,4462,4465,4468,4471,4474,4477,4480,4483,4486,4489,4492,4495,4498,4501,4504,4507,4510,4513,4516,4519,4522,4525,4528,4531,4534,4537,4540,4543,4546,4549,4552,4555,4558,4561,4564,4567,4570,4573,4576,4579,4582,4585,4588,4591,4594,4597,4600,4603,4606,4609,4612,4615,4618,4621,4624,4627,4630,4633,4636,4639,4642,4645,4648,4651,4654,4657,4660,4663,4666,4669,4672,4675,4678,4681,4684,4687,4690,4693,4696,4699,4702,4705,4708,4711,4714,4717,4720,4723,4726,4729,4732,4735,4738,4741,4744,4747,4750,4753,4756,4759,4762,4765,4768,4771,4774,4777,4780,4783,4786,4789,4792,4795,4798,4801,4804,4807,4810,4813,4816,4819,4822,4825,4828,4831,4834,4837,4840,4843,4846,4849,4852,4855,4858,4861,4864,4867,4870,4873,4876,4879,4882,4885,4888,4891,4894,4897,4900,4903,4906,4909,4912,4915,4918,4921,4924,4927,4930,4933,4936,4939,4942,4945,4948,4951,4954,4957,4960,4963,4966,4969,4972,4975,4978,4981,4984,4987,4990,4993,4996,4999,5002,5005,5008,5011,5014,5017,5020,5023,5026,5029,5032,5035,5038,5041,5044,5047,5050,5053,5056,5059,5062,5065,5068,5071,5074,5077,5080,5083,5086,5089,5092,5095,5098,5101,5104,5107,5110,5113,5116,5119,5122,5125,5128,5131,5134,5137,5140,5143,5146,5149,5152,5155,5158,5161,5164,5167,5170,5173,5176,5179,5182,5185,5188,5191,5194,5197,5200,5203,5206,5209,5212,5215,5218,5221,5224,5227,5230,5233,5236,5239,5242,5245,5248,5251,5254,5257,5260,5263,5266,5269,5272,5275,5278,5281,5284,5287,5290,5293,5296,5299,5302,5305,5308,5311,5314,5317,5320,5323,5326,5329,5332,5335,5338,5341,5344,5347,5350,5353,5356,5359,5362,5365,5368,5371,5374,5377,5380,5383,5386,5389,5392,5395,5398,5401,5404,5407,5410,5413,5416,5419,5422,5425,5428,5431,5434,5437,5440,5443,5446,5449,5452,5455,5458,5461,5464,5467,5470,5473,5476,5479,5482,5485,5488,5491,5494,5497,5500,5503,5506,5509,5512,5515,5518,5521,5524,5527,5530,5533,5536,5539,5542,5545,5548,5551,5554,5557,5560,5563,5566,5569,5572,5575,5578,5581,5584,5587,5590,5593,5596,5599,5602,5605,5608,5611,5614,5617,5620,5623,5626,5629,5632,5635,5638,5641,5644,5647,5650,5653,5656,5659,5662,5665,5668,5671,5674,5677,5680,5683,5686,5689,5692,5695,5698,5701,5704,5707,5710,5713,5716,5719,5722,5725,5728,5731,5734,5737,5740,5743,5746,5749,5752,5755,5758,5761,5764,5767,5770,5773,5776,5779,5782,5785,5788,5791,5794,5797,5800,5803,5806,5809,5812,5815,5818,5821,5824,5827,5830,5833,5836,5839,5842,5845,5848,5851,5854,5857,5860,5863,5866,5869,5872,5875,5878,5881,5884,5887,5890,5893,5896,5899,5902,5905,5908,5911,5914,5917,5920,5923,5926,5929,5932,5935,5938,5941,5944,5947,5950,5953,5956,5959,5962,5965,5968,5971,5974,5977,5980,5983,5986,5989,5992,5995,5998,6001,6004,6007,6010,6013,6016,6019,6022,6025,6028,6031,6034,6037,6040,6043,6046,6049,6052,6055,6058,6061,6064,6067,6070,6073,6076,6079,6082,6085,6088,6091,6094,6097,6100,6103,6106,6109,6112,6115,6118,6121,6124,6127,6130,6133,6136,6139,6142,6145,6148,6151,6154,6157,6160,6163,6166,6169,6172,6175,6178,6181,6184,6187,6190,6193,6196,6199,6202,6205,6208,6211,6214,6217,6220,6223,6226,6229,6232,6235,6238,6241,6244,6247,6250,6253,6256,6259,6262,6265,6268,6271,6274,6277,6280,6283,6286,6289,6292,6295,6298,6301,6304,6307,6310,6313,6316,6319,6322,6325,6328,6331,6334,6337,6340,6343,6346,6349,6352,6355,6358,6361,6364,6367,6370,6373,6376,6379,6382,6385,6388,6391,6394,6397,6400,6403,6406,6409,6412,6415,6418,6421,6424,6427,6430,6433,6436,6439,6442,6445,6448,6451,6454,6457,6460,6463,6466,6469,6472,6475,6478,6481,6484,6487,6490,6493,6496,6499,6502,6505,6508,6511,6514,6517,6520,6523,6526,6529,6532,6535,6538,6541,6544,6547,6550,6553,6556,6559,6562,6565,6568,6571,6574,6577,6580,6583,6586,6589,6592,6595,6598,6601,6604,6607,6610,6613,6616,6619,6622,6625,6628,6631,6634,6637,6640,6643,6646,6649,6652,6655,6658,6661,6664,6667,6670,6673,6676,6679,6682,6685,6688,6691,6694,6697,6700,6703,6706,6709,6712,6715,6718,6721,6724,6727,6730,6733,6736,6739,6742,6745,6748,6751,6754,6757,6760,6763,6766,6769,6772,6775,6778,6781,6784,6787,6790,6793,6796,6799,6802,6805,6808,6811,6814,6817,6820,6823,6826,6829,6832,6835,6838,6841,6844,6847,6850,6853,6856,6859,6862,6865,6868,6871,6874,6877,6880,6883,6886,6889,6892,6895,6898,6901,6904,6907,6910,6913,6916,6919,6922,6925,6928,6931,6934,6937,6940,6943,6946,6949,6952,6955,6958,6961,6964,6967,6970,6973,6976,6979,6982,6985,6988,6991,6994,6997,7000,7003,7006,7009,7012,7015,7018,7021,7024,7027,7030,7033,7036,7039,7042,7045,7048,7051,7054,7057,7060,7063,7066,7069,7072,7075,7078,7081,7084,7087,7090,7093,7096,7099,7102,7105,7108,7111,7114,7117,7120,7123,7126,7129,7132,7135,7138,7141,7144,7147,7150,7153,7156,7159,7162,7165,7168,7171,7174,7177,7180,7183,7186,7189,7192,7195,7198,7201,7204,7207,7210,7213,7216,7219,7222,7225,7228,7231,7234,7237,7240,7243,7246,7249,7252,7255,7258,7261,7264,7267,7270,7273,7276,7279,7282,7285,7288,7291,7294,7297,7300,7303,7306,7309,7312,7315,7318,7321,7324,7327,7330,7333,7336,7339,7342,7345,7348,7351 | | |

| | | | |
|-----|---|-----|----|
| 197 | 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. <i>Journal of Structural Chemistry</i> , 2010 , 51, 1001-1004 | 0.9 | 1 |
| 196 | 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. <i>Journal of Structural Chemistry</i> , 2010 , 51, 968-971 | 0.9 | |
| 195 | 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. <i>Journal of Structural Chemistry</i> , 2010 , 51, 998-1000 | 0.9 | 0 |
| 194 | Unexpected transformation of spiro-3-cyanomethyl-3-methyl-1,2,3,4,5,6-hexahydrobenzo[<i>f</i>]isoquinolinium-1,2'-(1',2',3',4'-tetrahydro-naphthalen-1'-one) chloride to spiro-3,4,5,6-tetrahydro-2H-benzo[<i>h</i>]chromene-2,2'-(tetrahydronaphthalen-1'-one). <i>Chemistry of Heterocyclic Compounds</i> , 2010 , 46, 245-247 | 1.4 | 3 |
| 193 | Synthesis of the first representative of the 2,3,6,7-tetrahydro-1H-benzo[<i>d</i>]azonine system from 1-cyanomethyl-2-methyl-1,2,3,4-tetrahydroiso-quinolinium chloride and dimethyl acetylene-dicarboxylate. <i>Chemistry of Heterocyclic Compounds</i> , 2010 , 46, 245-247 | 1.4 | 4 |
| 192 | 1-R-2-[(1E,3E)-4-Aminobuta-1,3-dien-1-yl]-1H-benzimidazoles. Synthesis and some transformations. <i>Russian Chemical Bulletin</i> , 2010 , 59, 1014-1022 | 1.7 | 1 |
| 191 | Synthesis of novel non-proteinogenic β -amino acids with charged imidazolium fragment in the side chain. <i>Russian Chemical Bulletin</i> , 2010 , 59, 1273-1283 | 1.7 | 8 |
| 190 | Construction of mononitrogen heterocycles with a combined system of 1-azaspiro[4. <i>n</i>]alkene and 3-benzazocine fragments through the intramolecular eight-membered Heck cyclization. <i>Russian Chemical Bulletin</i> , 2010 , 59, 1393-1399 | 1.7 | 5 |
| 189 | Two distinct mechanisms of alkyne insertion into the metal-sulfur bond: combined experimental and theoretical study and application in catalysis. <i>Chemistry - A European Journal</i> , 2010 , 16, 2063-71 | 4.8 | 59 |
| 188 | In search for a pentacoordinated monoorgano stannyl cation. <i>Journal of Organometallic Chemistry</i> , 2010 , 695, 365-369 | 2.3 | 6 |
| 187 | Supercritical carbon dioxide in organometallic synthesis: Combination of sc-CO ₂ with Nafion film as a novel reagent in the synthesis of ethers from hydroxymethylmetallocenes. <i>Journal of Organometallic Chemistry</i> , 2010 , 695, 799-803 | 2.3 | 8 |
| 186 | First example of Diels-Alder reaction in the 2,3,4,4a-tetrahydroquinoline series. Synthesis of hydrogenated 5,8-ethanoquinolines. <i>Tetrahedron</i> , 2010 , 66, 2889-2894 | 2.4 | 3 |
| 185 | Rapid asymmetric synthesis of amino acids via Nill complexes based on new fluorine containing chiral auxiliaries. <i>Tetrahedron: Asymmetry</i> , 2010 , 21, 2956-2965 | | 16 |
| 184 | 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- <i>a</i>]isoquinoline core of the jamine and hirsutine alkaloids. <i>Tetrahedron Letters</i> , 2010 , 51, 6822-6824 | 2 | 23 |
| 183 | 8H-Chromeno[2',3':4,5]imidazo[2,1- <i>a</i>]isoquinoline. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o710 | | 1 |
| 182 | Synthesis and molecular structure of bis(areno)piperidinoaza-14(17)-crowns-4(5) 2010 , 44, 456 | | |
| 181 | 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),10,12,14,16,18-chloro-form disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o660-1 | | 1 |
| 180 | N,N'-Bis(2-amino-phen-yl)-3,4-diphenyl-thio,phene-2,5-dicarboxamide acetonitrile solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o793 | | |

| | | | |
|-----|---|------|----|
| 179 | 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. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 66, o206-7 | | |
| 178 | Methyl 4,5-diacet-oxy-1-oxo-2-phenyl-perhydro-4,6-epoxy-cyclo-penta-[c]pyridine-7-carboxyl-ate ethanol solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o2981 | | 3 |
| 177 | Catalyst Leaching as an Efficient Tool for Constructing New Catalytic Reactions: Application to the Synthesis of Cyclic Vinyl Sulfides and Vinyl Selenides. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 1149-1161 | 2.3 | 31 |
| 176 | Photo-thermal haptotropism in cyclopentadienylcobalt complexes of linear phenylenes: intercylobutadiene metal migration. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 9853-7 | 16.4 | 18 |
| 175 | Recognition of perchlorate and pertechnetate by a neutral macrocyclic receptor. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2009 , 282, 385-389 | 1.5 | 7 |
| 174 | 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. <i>Chemistry of Heterocyclic Compounds</i> , 2009 , 45, 1409-1410 | 1.4 | 0 |
| 173 | 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. <i>Chemistry of Heterocyclic Compounds</i> , 2009 , 45, 1410-1412 | | |
| 172 | Phosphorus-containing 1, 3-zwitterions formed in the reaction of tributylphosphine with 3-aryl-2-cyanoacrylates. <i>Russian Chemical Bulletin</i> , 2009 , 58, 2397-2399 | 1.7 | 1 |
| 171 | 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 | 0.9 | 3 |
| 170 | [11.3.1.03.12.06.11]heptadeca-3,5,7,9,11-pentaene-17-carboxylate. A new polymorph of triphenylmethylamine: the effect of hydrogen bonding. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2009 , 65, o31-4 | | 4 |
| 169 | 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. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2009 , 65, o155-9 | | 5 |
| 168 | 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. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2009 , 65, m426-30 | | 9 |
| 167 | A new approach to construction of isoindolo[1,2-a]isoquinoline alkaloids Nuevamine, Jamtine, and Hirsutine via IMDAF reaction. <i>Tetrahedron</i> , 2009 , 65, 3789-3803 | 2.4 | 39 |
| 166 | Synthesis, structure and thermal decomposition of cycloalkanone enamine peroxides. <i>Mendeleev Communications</i> , 2009 , 19, 334-336 | 1.9 | 1 |
| 165 | Six- and seven-membered ring carbenes: Rational synthesis of amidinium salts, generation of carbenes, synthesis of Ag(I) and Cu(I) complexes. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 2454-2462 | 2.3 | 77 |
| 164 | Heterometallic cyanide-bridged complexes containing RhIRuIRhI triad: NMR data on exchange reactions and ligand effect transmission. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 2917-2922 | 2.3 | 10 |
| 163 | Heteroleptic tin (II) dialkoxides stabilized by intramolecular coordination Sn(OCH ₂ CH ₂ NMe ₂)(OR) (R = Me, Et, iPr, tBu, Ph). Synthesis, structure and catalytic activity in polyurethane synthesis. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 3184-3189 | 2.3 | 11 |
| 162 | Sulfur-containing alkenes: A new class of chelating ligands: Synthesis, coordination to palladium, and structure of the resulting complexes. <i>Russian Journal of Organic Chemistry</i> , 2009 , 45, 1743-1754 | 0.7 | 4 |

| | | | |
|-----|---|-----|----|
| 161 | Dimethyl 11,13-dimethyl-16-[1,2-bis-(methoxy-carbon-yl)ethen-yl]-12-oxo-16,17-dioxo-18-aza-hexa-cyclo-[7.5.1.1.1.1.0]octa-deca-2, <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o3243-4 | | |
| 160 | The heteronuclear bonding between heavier Group 14 elements and transition metals: a novel trioxystannate-iron complex with an unusual stannate fragment. <i>Dalton Transactions</i> , 2008 , 1140-3 | 4.3 | 9 |
| 159 | Anion binding by pyrrole-pyridine-based macrocyclic polyamides. <i>Supramolecular Chemistry</i> , 2008 , 20, 619-624 | 1.8 | 8 |
| 158 | Deprotonation induced dioxygen activation and ligand oxidation by dipyrromethane-palladium complexes. <i>Journal of Porphyrins and Phthalocyanines</i> , 2008 , 12, 1137-1145 | 1.8 | 2 |
| 157 | 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-(β -hydroxybenzyl)-1-methyl-4-phenylpiperidine. <i>Chemistry of Heterocyclic Compounds</i> , 2008 , 44, 1404-1412 | 1.4 | 1 |
| 156 | Chemical modification of plant alkaloids. 5. Spirocyclic systems based on cotarnine and barbituric acids. <i>Chemistry of Natural Compounds</i> , 2008 , 44, 48-54 | 0.7 | 2 |
| 155 | Remarkable ligand effect in Ni- and Pd-catalyzed bsthioation and bissenation of terminal alkynes: solving the problem of stereoselective dialkyldichalcogenide addition to the C triple chemical bond C Bond. <i>Chemistry - A European Journal</i> , 2008 , 14, 2420-34 | 4.8 | 66 |
| 154 | Expanding sapphyrin: towards selective phosphate binding. <i>Chemistry - A European Journal</i> , 2008 , 14, 9065-73 | 4.8 | 18 |
| 153 | The Combination of Diallylboration and Ring-Closing Metathesis in the Synthesis of Spiro- β -Amino Alcohols and (β)-Cephalotaxine. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 5647-5655 | 3.2 | 25 |
| 152 | Novel type of trifunctional chiral N-heterocyclic carbene (NHC) precursors. <i>Tetrahedron: Asymmetry</i> , 2008 , 19, 756-760 | | 11 |
| 151 | Influence of ligands-peripheral substituents on the structure, magnetochemical and electrochemical behaviour of complexes containing a Cu ₂ O ₂ butterfly core. <i>Inorganica Chimica Acta</i> , 2008 , 361, 2032-2044 | 2.7 | 18 |
| 150 | Weak interactions in barbituric acid derivatives. Unusually steady intermolecular organic Sandwich-complexes. π -Stacking versus hydrogen bonding interactions. <i>Journal of Molecular Structure</i> , 2008 , 878, 40-49 | 3.4 | 5 |
| 149 | Synthesis and molecular structure of bis(areno)piperidinoaza-14(17)-crowns-4(5). <i>Russian Journal of Organic Chemistry</i> , 2008 , 44, 456-461 | 0.7 | 6 |
| 148 | Transformations of dibenzo(β xopiperidino)aza-14-crowns-4 upon acylation. Molecular structure of dibenzo-16-crown-3. <i>Russian Journal of Organic Chemistry</i> , 2008 , 44, 612-616 | 0.7 | 1 |
| 147 | Synthesis and molecular structure of bis(benzo)aza-14-crown-4 ethers with 7-azabicyclo[3.3.1]nonane and homologous fragments. <i>Russian Journal of Organic Chemistry</i> , 2008 , 44, 1665-1670 | 0.7 | 13 |
| 146 | Synthetic model of the phosphate binding protein: solid-state structure and solution-phase anion binding properties of a large oligopyrrolic macrocycle. <i>Journal of Organic Chemistry</i> , 2007 , 72, 7244-52 | 4.2 | 71 |
| 145 | Can Sn(OCH ₂ CH ₂ NMe ₂) ₂ behave as a stannylenes? Equatorial-axial isomerism in the tin(II)-iron(0) complex (Me ₂ NCH ₂ CH ₂ O) ₂ Sn-Fe(CO) ₄ . <i>Dalton Transactions</i> , 2007 , 3489-92 | 4.3 | 22 |
| 144 | New stable germlylenes, stannylenes, and related compounds. 8. Amidogermanium(II) and -tin(II) chlorides R ₂ N-E14-Cl (E14 = Ge, R = Et; E14 = Sn, R = Me) revealing new structural motifs. <i>Applied Organometallic Chemistry</i> , 2007 , 21, 551-556 | 3.1 | 11 |

| | | | |
|-----|---|-----|----|
| 143 | Preparation of π -Acetonylpiperidines from π -Allylated Heterocycles by a Bromocyclocarbamation Reaction. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 2015-2021 | 3.2 | 6 |
| 142 | New reaction of pyridinium ylide with 2,4,6-trinitrofluorobenzene leading to stable heptatrienide moiety. <i>Heteroatom Chemistry</i> , 2007 , 18, 421-424 | 1.2 | 5 |
| 141 | Arylamidate palladium complexes containing deprotonated phthalimide and p-methylbenzamide: possibility of their participation in reductive elimination. <i>Mendeleev Communications</i> , 2007 , 17, 142-144 | 1.9 | 5 |
| 140 | Weak interactions in 1,3-dimethyl-5-arylmethyl-5-cytisylmethylbarbituric acids. Unusually steady intramolecular organic π -sandwich complexes. <i>Journal of Molecular Structure</i> , 2007 , 828, 188-194 | 3.4 | 5 |
| 139 | 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. <i>Mendeleev Communications</i> , 2007 , 17, 232-233 | 1.9 | 5 |
| 138 | A novel reaction producing the rhodium(I) complexes with π -coordinated tetraphenylborate anion, (PhBPh ₃) ⁻ X-ray study of [Rh(PPh ₃) ₂ (PhBPh ₃)]. <i>Journal of Organometallic Chemistry</i> , 2007 , 692, 4297-4302 | 2.3 | 10 |
| 137 | First examples of [Rh(Bident)(CO)(L)] complexes where L is N-donor ligand: Molecular structure of [Rh(8-Oxiquinolato)(CO)(NH ₃)]. <i>Journal of Organometallic Chemistry</i> , 2007 , 692, 5788-5794 | 2.3 | 12 |
| 136 | 2,12-Dichloro-10,20-diphenyl-5,7,15,17-tetrahydro-6H,16H-dibenzo[d,l][1,9,2,6,10,14]dioxotetraazacyclohexadecine-6,10-dioxane solvate as a potential macrocyclic hexadentate ligand. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007 , 63, o374-7 | | 0 |
| 135 | S-PhenylN,N'-dimethyl-13C ₂ -thiooxamate: a by-product in the synthesis of ethylN,N'-dimethyl-13C ₂ -oxamate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o1802-o1804 | | |
| 134 | On rhodium(III) chloride complexes with N,N-dimethylformamide. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2007 , 33, 194-202 | 1.6 | 6 |
| 133 | New stable germylenes, stannylenes, and related compounds 7. Synthesis and structures of compounds HalSn(CH ₂ CH ₂ NMe ₂) (Hal = Cl or F). <i>Russian Chemical Bulletin</i> , 2007 , 56, 267-270 | 1.7 | 7 |
| 132 | Tetraaryl-1,3-dioxolane-4,5-dimethanols as catalysts for the addition of trimethylsilyl cyanide to benzaldehyde and the oxirane ring. <i>Russian Chemical Bulletin</i> , 2007 , 56, 1507-1514 | 1.7 | 5 |
| 131 | Novel reactions of arylmalonate carbanions. The reaction with phenyl isocyanate resulting in carbamates by 1,3-C-N migration of the ethoxycarbonyl group. <i>Russian Chemical Bulletin</i> , 2007 , 56, 1671-1674 | 1.7 | 1 |
| 130 | Stereoselective Synthesis and X-Ray Structure Determination of Labeled [1, 2, 3- ¹³ C]-1-(Phenylsulfinyl)-3-Benzoyloxyacetone. <i>Journal of Chemical Crystallography</i> , 2007 , 37, 663-667 | 0.5 | |
| 129 | Complex of palladium(II) with a macrocyclic ligand derived from thiophene-2,5-carboxamide and bipyrrrole. <i>Journal of Structural Chemistry</i> , 2007 , 48, 977-980 | 0.9 | 1 |
| 128 | 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. <i>Chemistry of Heterocyclic Compounds</i> , 2007 , 43, 1181-1188 | 1.4 | 0 |
| 127 | Unusual tin(II)-iron complexes (RO) ₂ SnFe(CO) ₄ and {[Li]((RO) ₃ SnFe(CO) ₄) ₂ (R= CH ₂ CH ₂ NMe ₂). <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2007 , 63, s198-s199 | | |
| 126 | Bipyrrrole- and dipyrromethane-based amido-imine hybrid macrocycles. New receptors for oxoanions. <i>Journal of Organic Chemistry</i> , 2007 , 72, 2886-96 | 4.2 | 76 |

| | | | |
|-----|---|------|-----|
| 125 | New approach for size- and shape-controlled preparation of Pd nanoparticles with organic ligands. Synthesis and application in catalysis. <i>Journal of the American Chemical Society</i> , 2007 , 129, 7252-3 | 16.4 | 123 |
| 124 | Unconventional Recyclization of Cotarnine under the Action of 1,3-Dimethylbarbituric Acid. <i>Heterocycles</i> , 2007 , 71, 13 | 0.8 | 3 |
| 123 | An Unusual Reaction of (1-Dimethylaminoethoxy)triethyltin with Phenyltin Trichloride. The First X-ray Structural Evidence of the Existence of Complexes $R_2SnXY \cdot R_2SnXY$ (R = Alkyl, Aryl; X, Y = Hal, OR, X \neq Y) Both as Unsymmetrical Adducts $[R_2SnX_2 \cdot R_2SnY_2]$ and Symmetrical Dimers $[R_2SnXY]_2$. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 4271-4277 | 2.3 | 13 |
| 122 | Synthesis of Bridged Azabicycles from Pyridines and Pyrrole by a Diallylboration [Ring Closing Metathesis Sequence]. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 113-120 | 3.2 | 20 |
| 121 | Isolation and crystal structures of two singlet bis(triarylamine) dications with nonquinooidal geometries. <i>Journal of the American Chemical Society</i> , 2006 , 128, 1812-7 | 16.4 | 70 |
| 120 | Donor-Stabilized Germyl Cations. Stable Pentacoordinate Germanium Chloride $[PhGe(OCH_2CH_2NMe_2)_2][Cl]$. <i>Organometallics</i> , 2006 , 25, 2501-2504 | 3.8 | 20 |
| 119 | New chiral Ni(II) complexes of Schiff bases of glycine and alanine for efficient asymmetric synthesis of α -amino acids. <i>Tetrahedron: Asymmetry</i> , 2006 , 17, 455-467 | | 45 |
| 118 | Asymmetric synthesis of anti-diastereoisomers of α -heterocycle substituted (S)- α -aminobutyric acids. <i>Tetrahedron: Asymmetry</i> , 2006 , 17, 2743-2753 | | 13 |
| 117 | Crystal and molecular structures of the complexes of cobalt dichloride with 1-isopropenylimidazole and 1-vinylimidazole. <i>Russian Journal of General Chemistry</i> , 2006 , 76, 791-797 | 0.7 | 3 |
| 116 | Hydrothermal synthesis and the crystal structure of borate cancrinite $(Na,Ca)_2[Na_6(AlSiO_4)_6](BO_3) \cdot 2H_2O$. <i>Crystallography Reports</i> , 2006 , 51, 37-41 | 0.6 | 3 |
| 115 | Synthesis of dibenzopiperidinoaza-14-crown-4 ethers and their one-step conversion into dibenzo-16-crown-3. <i>Mendeleev Communications</i> , 2006 , 16, 35-36 | 1.9 | 19 |
| 114 | Interaction of barbituric acids with o-dialkylaminobenzaldehydes. <i>Mendeleev Communications</i> , 2006 , 16, 52-54 | 1.9 | 13 |
| 113 | Novel modified chiral Ni(II) complexes with the Schiff bases of (E)- and (Z)-2-aminobut-2-enoic acids: Synthesis and study. <i>Russian Chemical Bulletin</i> , 2006 , 55, 442-450 | 1.7 | 8 |
| 112 | Monoacetylferrocene crystallization in supercritical carbon dioxide. <i>Russian Chemical Bulletin</i> , 2006 , 55, 576-578 | 1.7 | 5 |
| 111 | Intramolecular 1,3-C-C migration of fluorine in a π -complex formed by 2,4,6-trinitrofluorobenzene and the P-zwitterion. <i>Russian Chemical Bulletin</i> , 2006 , 55, 1309-1310 | 1.7 | 1 |
| 110 | A mixed-valence bis(diarylamino)stilbene: crystal structure and comparison of electronic coupling with biphenyl and tolane analogues. <i>Chemical Communications</i> , 2005 , 764-6 | 5.8 | 49 |
| 109 | Fine tuning the anion binding properties of 2,6-diamidopyridine dipyrromethane hybrid macrocycles. <i>Journal of the American Chemical Society</i> , 2005 , 127, 11442-6 | 16.4 | 101 |
| 108 | Synthesis and anion binding properties of 2,5-diamidothiophene polypyrrole Schiff base macrocycles. <i>Organic Letters</i> , 2005 , 7, 5277-80 | 6.2 | 36 |

| | | | |
|-----|---|------|-----|
| 107 | New Catalytic System for $\text{S}\delta$ and $\text{Se}\delta$ Bond Addition to Alkynes Based on Phosphite Ligands. <i>Organometallics</i> , 2005 , 24, 1275-1283 | 3.8 | 79 |
| 106 | New stable germynes, stannylenes, and related compounds. 5. Germanium(II) and tin(II) azides $[\text{N}_3\text{-E14-OCH}_2\text{CH}_2\text{NMe}_2]_2$ (E14=Ge, Sn): synthesis and structure. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 1056-1062 | 2.3 | 28 |
| 105 | New stable germynes, stannylenes, and related compounds: 6. Heteroleptic germanium(II) and tin(II) compounds $[(\text{SiMe}_3)_2\text{N-E14-OCH}_2\text{CH}_2\text{NMe}_2]_n$ (E14 = Ge, n = 1; Sn, n = 2): synthesis and structure. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 1172-1177 | 2.3 | 28 |
| 104 | Anion-induced synthesis and combinatorial selection of polypyrrolic macrocycles. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 7386-90 | 16.4 | 112 |
| 103 | The germanium(II) ate complex $[\text{Ph}_3\text{PiPr}][\text{Ge}(\text{OCOMe})_3]$: the first structurally characterized compound containing a discrete $[\text{E14}(\text{II})\text{O}_3]^-$ ($\text{E14}(\text{II}) = \text{Si, Ge, Sn or Pb}$) anion. <i>Applied Organometallic Chemistry</i> , 2005 , 19, 360-362 | 3.1 | 2 |
| 102 | Germanium carboxylates: the first X-ray diffraction study of germanium(II) dicarboxylate and germanium(IV) tetracarboxylate. <i>Applied Organometallic Chemistry</i> , 2005 , 19, 774-777 | 3.1 | 4 |
| 101 | Anion-Induced Synthesis and Combinatorial Selection of Polypyrrolic Macrocycles. <i>Angewandte Chemie</i> , 2005 , 117, 7552-7556 | 3.6 | 29 |
| 100 | New Subvalent Bismuth Telluroiodides Incorporating Bi_2 Layers: The Crystal and Electronic Structure of Bi_2TeI . <i>ChemInform</i> , 2005 , 36, no | | 1 |
| 99 | Synthesis and structure of the 1,2-isopropylidene- β -D-glucofuranose 3,5,6-bis-cyclophosphite complex with tungsten(0) pentacarbonyl. <i>Journal of Structural Chemistry</i> , 2005 , 46, 891-894 | 0.9 | |
| 98 | Synthesis, Structure, and Biological Activity of [2.2]Paracyclophane Derivatives. 8. β -Pyridyl([2.2]paracyclophan-4-yl)-phenylmethanol: Structure of the Complex with Cu(II) Chloride and Intramolecular Cyclization. <i>Chemistry of Heterocyclic Compounds</i> , 2005 , 41, 745-753 | 1.4 | 2 |
| 97 | New subvalent bismuth telluroiodides incorporating Bi_2 layers: the crystal and electronic structure of Bi_2TeI . <i>Russian Chemical Bulletin</i> , 2005 , 54, 87-92 | 1.7 | 21 |
| 96 | Diastereoselective addition of an Ni(II) complex of a Schiff base of glycine with (S)-2-[N-(N-benzylpropyl)amino]benzophenone to the C=C bond of ethyl β -bromoacrylate. <i>Russian Chemical Bulletin</i> , 2005 , 54, 981-987 | 1.7 | 6 |
| 95 | Synthesis of 8,9-(1,3-benzodioxolo-5,6)-5-azatricyclo[8.2.1.0 ^{1,5}]tridec-11-en-6-one. A convenient route to structural analogs of the alkaloid cephalotaxine. <i>Russian Chemical Bulletin</i> , 2005 , 54, 2229-2232 | 1.7 | 6 |
| 94 | Synthesis and structure of bismuth-containing complexes $[(\text{Ph}_4\text{BiO})_2\{2,5\text{-(CH}_3)_2\text{C}_6\text{H}_3\text{S(O)}\}] + 2$ $[\text{Ph}_2\text{Bi}_2\text{I}_6]_2$, $[(\text{Ph}_4\text{Bi})^+[\text{PhBi}(\text{C}_5\text{H}_5\text{N})_3]^-]_2$, $[\text{Ph}_4\text{Sb}[\text{Bi}_4\text{I}_6]_4]_2(\text{CH}_3)_2\text{C=O}$, and $[\text{Ph}_4\text{Sb} + 3 [\text{Bi}_5\text{I}_8]_3]$ <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2005 , 31, 121-131 | 1.6 | 3 |
| 93 | Rh(I) carbonyl carboxylato complexes: Spectral and structural characteristics. Some reactions of coordinated formate group. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2005 , 31, 121-131 | 1.6 | 11 |
| 92 | Crystal and Molecular Structure of Bis(1-Vinylimidazole)diacetatozinc. <i>Russian Journal of General Chemistry</i> , 2005 , 75, 1469-1474 | 0.7 | 2 |
| 91 | 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. <i>Russian Journal of Organic Chemistry</i> , 2005 , 41, 1683-1689 | 0.7 | 2 |
| 90 | Substituent effects in bis(arene)chromium compounds containing a CN group in the aromatic ring. <i>Acta Crystallographica Section B: Structural Science</i> , 2005 , 61, 304-11 | | 4 |

| | | | |
|----|---|-----|----|
| 89 | Synthesis, Crystal Structure and Electronic Structure of Modulated Pd ₇ -8nTe ₂ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005 , 631, 293-301 | 1.3 | 20 |
| 88 | 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. <i>Crystallography Reports</i> , 2004 , 49, 770-778 | 0.6 | |
| 87 | Synthesis and molecular structure of 2,4,8a-triaryl-6-methylperhydro[1,3,2]dioxaborinino[5,4-c]pyridines. <i>Russian Chemical Bulletin</i> , 2004 , 53, 842-845 | 1.7 | 2 |
| 86 | Divalent silicon, germanium, and tin compounds with element-heteroatom bonds. <i>Russian Chemical Bulletin</i> , 2004 , 53, 980-1006 | 1.7 | 31 |
| 85 | Tertiary Acetylenic Alcohols, Ethers, and Esters on the Basis of Isocamphanone, Camphor, Fenchone, Isofenchone, and Adamanthanone. <i>Russian Journal of General Chemistry</i> , 2004 , 74, 890-896 | 0.7 | |
| 84 | Ate complexes of Ge(II) and Sn(II) with bidentate ligands [LiE ₁₄ (OCH ₂ CH ₂ NMe ₂) ₃] ₂ (E ₁₄ =Ge, Sn): synthesis and structure. <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 478-483 | 2.3 | 15 |
| 83 | Cationic methyl complexes of rhodium(III): synthesis, structure, and some reactions. <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 1930-1943 | 2.3 | 10 |
| 82 | Oxidative dehydrodimerization of rhenium vinylidene complex (C ₅ H ₅)(CO) ₂ ReCC(H)Ph: two competitive routes of coupling of Ephenylethynyl intermediate [(C ₅ H ₅)(CO) ₂ ReCCPh]. X-ray structures of rhenium mononuclear (C ₅ H ₅)(CO) ₂ ReCC(H)Ph and binuclear [(C ₅ H ₅)(CO) ₂ Re] ₂ (E-CC(Ph)CCPh) vinylidene compounds. <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 1930-1943 | 2.3 | 26 |
| 81 | Synthesis and Structural Studies of (2-Oxo-2,3-dihydroimidazo[1,2-a]pyridin-3-yl)acetic Acids. <i>Heterocycles</i> , 2004 , 63, 55 | 0.8 | 4 |
| 80 | Reactions of 2-methylindole with morpholinals of substituted salicylaldehydes. <i>Russian Chemical Bulletin</i> , 2003 , 52, 700-704 | 1.7 | 3 |
| 79 | 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. <i>Russian Chemical Bulletin</i> , 2003 , 52, 706-709 | 1.7 | 2 |
| 78 | Productive Asymmetric Synthesis of All Four Diastereomers of 3-(trans-2-Nitrocyclopropyl)alanine from Glycine with (S)- or (R)-2-[(N-Benzylpropyl)amino]benzophenone as a Reusable Chiral Auxiliary. <i>European Journal of Organic Chemistry</i> , 2003 , 2003, 869-877 | 3.2 | 30 |
| 77 | Nucleophilic vinylic substitution with transition metal carbonyl anions—a rare case of a halophilic reaction mechanism. <i>Journal of Organometallic Chemistry</i> , 2003 , 681, 59-69 | 2.3 | 13 |
| 76 | Design of molecules and noncentrosymmetric crystals of 3-(4-nitrophenyl)-2-phenylacrylic acid derivatives. <i>Crystallography Reports</i> , 2003 , 48, 73-83 | 0.6 | 1 |
| 75 | Parameters of anisotropic atomic displacements in chemical compounds as criteria for chemical bond types. <i>Crystallography Reports</i> , 2003 , 48, 591-593 | 0.6 | |
| 74 | Polymorphism and design of noncentrosymmetric crystals of 4-hydroxybenzaldehyde-4-nitrophenylhydrazone and N ² -(2-phenyl-1H-indole-3-aldehyde)-4-nitrophenylhydrazone. <i>Crystallography Reports</i> , 2003 , 48, 594-601 | 0.6 | 15 |
| 73 | Oxidative Activation of the Manganese Bis-vinylidene Complexes [(C ₅ H ₅)(CO) ₂ MnCCPh] ₂ (R = H, Me) toward Addition of Nucleophiles. <i>Organometallics</i> , 2003 , 22, 5491-5497 | 3.8 | 19 |
| 72 | New Stable Germylenes, Stannylenes, and Related Compounds. 1. Stable Germanium(II) and Tin(II) Compounds M(OCH ₂ CH ₂ NMe ₂) ₂ (M = Ge, Sn) with Intramolecular Coordination Metal-Nitrogen Bonds. Synthesis and Structure. <i>Organometallics</i> , 2003 , 22, 1675-1681 | 3.8 | 71 |

| | | | |
|----|--|-----|-----|
| 71 | New Stable Germylenes, Stannylenes, and Related Compounds. 3. Stable Monomers XGeOCH ₂ CH ₂ NMe ₂ (X = Cl, OCOMe) with Only One Intramolecular Coordination Metal-Nitrogen Bond: Synthesis and Structure. <i>Organometallics</i> , 2003 , 22, 5441-5446 | 3.8 | 39 |
| 70 | Catalytic Asymmetric Synthesis of O-Acetylcyanohydrins from Potassium Cyanide, Acetic Anhydride, and Aldehydes, Promoted by Chiral Salen Complexes of Titanium(IV) and Vanadium(V). <i>Helvetica Chimica Acta</i> , 2002 , 85, 3301-3312 | 2 | 104 |
| 69 | X-ray diffraction study of the first monomeric dioxygermylene Ge(OCH ₂ CH ₂ NMe 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. <i>Crystallography Reports</i> , 2002 , 47, 616-621 | 0.6 | 7 |
| 68 | 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. <i>Russian Chemical Bulletin</i> , 2002 , 51, 638-644 | 1.7 | 7 |
| 67 | Heteroorganic betaines. 8. Synthesis and structures of silicon- and germanium-containing organoarsenic betaines R ₁₃ As+CR ₂ R ₃ EMe ₂ (E = Si, Ge). <i>Russian Chemical Bulletin</i> , 2002 , 51, 678-683 | 1.7 | 2 |
| 66 | New heteroorganic betaines containing the (+)E ₁₅ E ₁₄ and (+)E ₁₅ E ₁₄ structural fragments (E ₁₅ = P, As; E ₁₄ = Si, Ge, Sn; X = C, S, O, NR). <i>Russian Chemical Bulletin</i> , 2002 , 51, 721-753 | 1.7 | 3 |
| 65 | Halo-substituted (S)-N-(2-benzoylphenyl)-1-benzylpyrrolidine-2-carboxamides as new chiral auxiliaries for the asymmetric synthesis of (S)-α-amino acids. <i>Russian Chemical Bulletin</i> , 2002 , 51, 1593-1599 | 1.7 | 18 |
| 64 | 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. <i>Russian Chemical Bulletin</i> , 2002 , 51, 1540-1544 | 1.7 | 4 |
| 63 | Chemical Modification of Plant Alkaloids. III. X-Ray Diffraction and NMR Studies of the Structure of 1,3-Dimethyl-5-arylmethyl-5-cytisylmethylbarbituric Acids. <i>Chemistry of Natural Compounds</i> , 2002 , 38, 450-457 | 0.7 | 13 |
| 62 | The Ate Complexes [M{C(SiMe ₃) ₃ }(tBu) ₂ Li(THF) ₂] (M = Ge or Sn). The First Structural Characterization of Organometallic Ate Complexes of Group 14 Metals in Oxidation State II. <i>Organometallics</i> , 2002 , 21, 4005-4008 | 3.8 | 8 |
| 61 | Oxidative dehydromerization of manganese phenylvinylidene complex (tBu-C ₅ H ₅)(CO) ₂ Mn=C(C ₆ H ₅)Ph. X-ray structure of phenyl(trityl)vinylidene complex (tBu-C ₅ H ₅)(CO) ₂ Mn=C(CPh ₃)Ph. <i>Journal of Organometallic Chemistry</i> , 2001 , 631, 47-53 | 2.3 | 21 |
| 60 | Unexpected reaction of 1,1,1,10,10,10-hexafluorodecane-2,4,7,9-tetrone with methyl trifluoroacetate. <i>Russian Chemical Bulletin</i> , 2001 , 50, 101-103 | 1.7 | 2 |
| 59 | Structural Studies of Novel Coordination Compounds Run in the Nesmeyanov Institute of Organoelement Compounds, Russian Academy of Sciences. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2001 , 27, 221-258 | 1.6 | 2 |
| 58 | Stereoselective dimerization of chiral β-bromoamides promoted by Fe(CO) ₅ . <i>Russian Chemical Bulletin</i> , 2001 , 50, 548-550 | 1.7 | 2 |
| 57 | 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. <i>Chemistry of Heterocyclic Compounds</i> , 2001 , 37, 715-722 | 1.4 | 2 |
| 56 | Heteroorganic betaines. 7. Synthesis and structure of a germanium-containing organophosphorus betaine Et ₃ P+CHMeGeMe ₂ . <i>Russian Chemical Bulletin</i> , 2001 , 50, 1679-1682 | 1.7 | 4 |
| 55 | The nature of the O-O bond in hydroperoxides. <i>Russian Chemical Bulletin</i> , 2001 , 50, 1539-1549 | 1.7 | 12 |
| 54 | Elaboration of a novel type of planar-chiral methylene bridged biphenols based on [2.2]paracyclophanes. <i>Tetrahedron: Asymmetry</i> , 2000 , 11, 2683-2693 | | 24 |

- 53 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
- 52 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
- 51 Heteroorganic betaines. *Russian Chemical Bulletin*, **2000**, 49, 929-932 1.7 1
- 50 Heteroorganic betaines. *Russian Chemical Bulletin*, **2000**, 49, 933-941 1.7 3
- 49 Heteroorganic betaines. *Russian Chemical Bulletin*, **2000**, 49, 1583-1592 1.7 2
- 48 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
- 47 Reaction of 2,2,3,3-tetracyanocyclopropyl ketones with ammonia. *Mendeleev Communications*, **2000**, 10, 25-26 1.9 3
- 46 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
- 45 Crystal and molecular structures of three germylated steroids. *Russian Chemical Bulletin*, **1999**, 48, 117-123 1.7 1
- 44 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
- 43 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
- 42 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
- 41 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
- 40 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
- 39 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
- 38 The interaction of 1,1,2-tricarbonyl-2-cyanoethane with alkyl vinyl ketones [A new approach to [3.3.3]propellanes. *Tetrahedron Letters*, **1998**, 39, 4705-4706 2 2
- 37 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
- 36 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**, 2101-2106 2

| | | | |
|----|--|-----|----|
| 35 | An unexpected product of the reaction of organophosphorus betaines containing a P+CSi \square fragment with acetyl chloride. <i>Mendeleev Communications</i> , 1997 , 7, 10-11 | 1.9 | 1 |
| 34 | Single-stage synthesis of 3-amino-1,2-dicyano-4,6-diazabicyclo[3,2,1]oct-2-en-7-ones from $\square\square\square$ tetracyanoalkanones. <i>Mendeleev Communications</i> , 1997 , 7, 112-113 | 1.9 | 15 |
| 33 | Unusually ready hydrolysis of nitrile groups in 1,1,2,2-tetracyanoethane by pyruvic acid. <i>Chemistry of Heterocyclic Compounds</i> , 1997 , 33, 1272-1275 | 1.4 | 1 |
| 32 | Refinement of the structure of the products of the interaction of 4-oxoalkane-1,1,2,2-tetracarbonitriles with aldehydes. <i>Chemistry of Heterocyclic Compounds</i> , 1997 , 33, 423-425 | 1.4 | 3 |
| 31 | Isomerization of 2-aryl-5,6-tetramethylene-3,3,4-tricyano-2,3,4,5-tetrahydropyridine-4-carbox-amides under the influence of acids. <i>Chemistry of Heterocyclic Compounds</i> , 1997 , 33, 452-456 | 1.4 | 1 |
| 30 | 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. <i>Chemistry of Heterocyclic Compounds</i> , 1997 , 33, 457-464 | 1.4 | 1 |
| 29 | Two directions of interaction of 2-aryl-1,2,3,4-tetrahydropyridine-3,3,4,4-tetracarbonitriles with nucleophiles. <i>Chemistry of Heterocyclic Compounds</i> , 1997 , 33, 310-317 | 1.4 | |
| 28 | Indolopyridines with a bridging heteroatom. <i>Chemistry of Heterocyclic Compounds</i> , 1997 , 33, 691-697 | 1.4 | 2 |
| 27 | Oxidation reactions of azines.. <i>Chemistry of Heterocyclic Compounds</i> , 1997 , 33, 571-576 | 1.4 | 5 |
| 26 | Oxidation of 2-dialkylaminomethyl-4,6-di-tert-butylphenols. <i>Russian Chemical Bulletin</i> , 1997 , 46, 1272-1289 | 1.4 | 3 |
| 25 | Diastereoselective bromination of (R)-N-cinnamoyl-4-phenyloxazolidin-2-one in the presence of Lewis acids. <i>Russian Chemical Bulletin</i> , 1997 , 46, 982-989 | 1.7 | 1 |
| 24 | Oxidative reactions of azines. <i>Russian Chemical Bulletin</i> , 1997 , 46, 1916-1919 | 1.7 | 1 |
| 23 | Synthesis, structures, and properties of spiro[6-azaperimidine-2,4?-cyclohexa-2?,5?-dien]-1?-one derivatives. <i>Russian Chemical Bulletin</i> , 1997 , 46, 1924-1930 | 1.7 | 2 |
| 22 | Reactions of o-tosylaminobenzaldehyde with p-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 its N-substituted derivatives. <i>Russian Chemical Bulletin</i> , 1997 , 46, 1931-1935 | 1.7 | 5 |
| 21 | The interaction of 2,5-diphenyl-3,3,4,4-tetracyanopyrrolidine with vinyl ketones. <i>Mendeleev Communications</i> , 1996 , 6, 111-112 | 1.9 | 0 |
| 20 | Synthesis and X-ray structural study of 1-adamantylmethyl 2-cyanoacrylate and 1,10-decanediol bis-2-cyanoacrylate. <i>Russian Chemical Bulletin</i> , 1996 , 45, 2172-2176 | 1.7 | |
| 19 | Synthesis and crystal structure of dinitroxyl crown ether biradical with indole groups in the side chains. <i>Russian Chemical Bulletin</i> , 1996 , 45, 875-879 | 1.7 | 1 |
| 18 | Synthesis of bisalkenyl ethers by the reaction of 1,1,2,2-tetracyanoethane with \square -alkylacroleins in isopropyl alcohol. <i>Russian Chemical Bulletin</i> , 1996 , 45, 237-238 | 1.7 | |

- 17 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
- 16 Oxidative reactions of azines. 1. Ketohydroxylation of 4-Phenyl-1,2,5,6-tetrahydropyridines. 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
- 15 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
- 14 1,1,2-tricarbamoyl-2-cyanoethane in condensation processes with aldehydes. *Chemistry of Heterocyclic Compounds*, **1996**, 32, 395-399 1.4 1
- 13 Reaction of 2-cyanoethane-1,1,2-tricarboxamide with β -alkylacroleins. *Chemistry of Heterocyclic Compounds*, **1996**, 32, 1136-1140 1.4
- 12 Reaction of 4-oxoalkane-1,1,2,2-tetracarbonitriles with 1,3,5-trialkyl-2,4-diaza-1,4-pentadienes. *Chemistry of Heterocyclic Compounds*, **1996**, 32, 1200-1212 1.4 3
- 11 O-Tosylaminobenzaldehyde amins in the synthesis of 1,3-disubstituted propargylamines, derivatives of 3H-2-vinylidene-3-aminobenzofuran and quinoline. *Russian Chemical Bulletin*, **1995**, 44, 2142-2146 1.7
- 10 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
- 9 Formation of H-bonded ionic associates in reactions of 5-nitrosalicylaldehyde with secondary amines. *Russian Chemical Bulletin*, **1995**, 44, 913-916 1.7
- 8 Structure and conformational flexibility of hexamethyldiperoxacyclononane. *Russian Chemical Bulletin*, **1995**, 44, 105-107 1.7 2
- 7 A New Class of Benzoin Condensation Catalysts: N,N'-Disubstituted o-Phenylenediamines. *Mendeleev Communications*, **1995**, 5, 11-12 1.9 1
- 6 The Interaction of 1,1,2-Tricarbamoyl-2-cyanoethane with Crotonaldehyde. *Mendeleev Communications*, **1995**, 5, 236-237 1.9 2
- 5 Novel organosilicon betaines. *Russian Chemical Bulletin*, **1994**, 43, 318-319 1.7 1
- 4 Amins 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
- 3 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
- 2 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
- 1 Stabilization of the Pd...HC framework with 1,2,4-triazol-5-ylidene ligands toward decomposition in alkaline media. *Inorganic Chemistry Frontiers*, 6.8 4