# Roman A Novikov

List of Publications by Year
in descending order



| 135 | 2,770 | 185998 28 | 253896 43 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 162 | 162 | 162 | 1889 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A Threeâ€Component Synthesis of 3â€Functionally Substituted 5,6â€Dihydropyrrolo[2,1â€a]isoquinolines. Chemistry and Biodiversity, 2022, 19, e2100584. | 1.0 | 5 |
| 2 | Gallium(iii)-mediated dimerization routes for (5-phenyl-2-thienyl)cyclopropane-1,1-dicarboxylate. Mendeleev Communications, 2022, 32, 170-172. | 0.6 | 3 |
| 3 | Inverse Î±-Effect as the Ariadneâ€™s Thread on the Way to Tricyclic Aminoperoxides: Avoiding Thermodynamic Traps in the Labyrinth of Possibilities. Journal of the American Chemical Society, 2022, 144, 7264-7282. | 6.6 | 17 |
| 4 | Dumbbellâ€Shaped, Graft and Bottlebrush Polymers with Allâ€Siloxane Nature: Synthetic Methodology, Thermal, and Rheological Behavior. Macromolecular Rapid Communications, 2021, 42, 2000645. | 2.0 | 10 |
| 5 | Stereoregular cyclic p-tolyl-siloxanes with alkyl, O- and N-containing groups as promising reagents for the synthesis of functionalized organosiloxanes. New Journal of Chemistry, 2021, 45, 9805-9810. | 1.4 | 4 |
| 6 | Silica-Based Aerogels with Tunable Properties: The Highly Efficient BF<sub>3</sub>-Catalyzed Preparation and Look inside Their Structure. Macromolecules, 2021, 54, 1961-1975. | 2.2 | 10 |
| 7 | â€œCyclopropanation of Cyclopropanesâ€• GaCl<sub>3</sub>-Mediated Ionic Cyclopropanation of Donorâ€“Acceptor Cyclopropanes with Diazo Esters as a Route to Tetrasubstituted Activated Cyclopropanes. Journal of Organic Chemistry, 2021, 86, 4567-4579. | 1.7 | 8 |
| 8 | Reactions of Styrylmalonates with Aromatic Aldehydes: Detailed Synthetic and Mechanistic Studies. Journal of Organic Chemistry, 2021, 86, 4457-4471. | 1.7 | 11 |
| 9 | Marriage of Peroxides and Nitrogen Heterocycles: Selective Three-Component Assembly, Peroxide-Preserving Rearrangement, and Stereoelectronic Source of Unusual Stability of Bridged Azaozonides. Journal of the American Chemical Society, 2021, 143, 6634-6648. | 6.6 | 18 |
| 10 | Coupling of Styrylmalonates with Furan and Benzofuran Carbaldehydes: Synthesis and Chemistry of Substituted (4-Oxocyclopent-2-enyl)malonates. Journal of Organic Chemistry, 2021, 86, 8489-8499. | 1.7 | 6 |
| 11 | Lewis Acidâ€Catalyzed Formal (4+2)â€•and (2+2+2)â€Cycloaddition Between 1â€Azadienes and Styrylmalonates as Analogues of Donorâ€Acceptor Cyclopropanes. Advanced Synthesis and Catalysis, 2021, 363, 5292-5299. | 2.1 | 6 |
| 12 | GaCl<sub>3</sub>-Mediated Cascade [2 + 4]-Cycloaddition/[4 + 2]-Annulation of Donorâ€“Acceptor Cyclopropanes with Conjugated Dienes: Strategy for the Construction of Benzobicyclo[3.3.1]nonane Skeleton. Journal of Organic Chemistry, 2021, 86, 8089-8100. | 1.7 | 16 |
| 13 | Lewis acid mediated Michael addition of non-aromatic multiple C C bonds to Î±,Î²-unsaturated dicarbonyl compounds. Tetrahedron Letters, 2021, 80, 153272. | 0.7 | 5 |
| 14 | Synthesis of Substituted Î²-Styrylmalonates by Sequential Isomerization of 2-Arylcyclopropane-1,1-dicarboxylates and (2-Arylethylidene)malonates. Synthesis, 2021, 53, 2253-2259. | 1.2 | 6 |
| 15 | Ionic Cyclopropenium-Derived Triplatinum Cluster Complex [(Ph<sub>3</sub>C<sub>3</sub>)<sub>2</sub>Pt<sub>3</sub>(MeCN)<sub>4</sub>]<sup>2+</sup>(BF<sub>4</sub><sup>â€“ Synthesis, Structure, and Perspectives for Use as a Catalyst for Hydrosilylation Reactions. Organometallics, 2021, 40, 3876-3885. | 1.1 | 10 |
| 16 | New steroidal oxazolines, benzoxazoles and benzimidazoles related to abiraterone and galeterone. Steroids, 2020, 153, 108534. | 0.8 | 13 |
| 17 | Convenient synthesis of furo[2,3-c][1,2]dioxoles from 1-aryl-2-allylalkane-1,3-diones. Mendeleev Communications, 2020, 30, 607-609. | 0.6 | 1 |
| 18 | Synthesis of the Cationic Gallium Phthalocyanines and Their Catalytic Application in Gallium(III)-Activated Processes for Donorâ€“Acceptor Substrates. Organometallics, 2020, 39, 2580-2593. | 1.1 | 13 |

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|---|---|---|---|
| 19 | Application of New Efficient Hoveydaâ€“Grubbs Catalysts Comprising an Nâ†'Ru Coordinate Bond in a Six-Membered Ring for the Synthesis of Natural Product-Like Cyclopenta[b]furo[2,3-c]pyrroles. Molecules, 2020, 25, 5379. | 1.7 | 7 |
| 20 | Donorâ€“Acceptor Bicyclopropyls as 1,6-Zwitterionic Intermediates: Synthesis and Reactions with 4-Phenyl-1,2,4-triazoline-3,5-dione and Terminal Acetylenes. Journal of Organic Chemistry, 2020, 85, 15562-15576. | 1.7 | 7 |
| 21 | Raise the anchor! Synthesis, X-ray and NMR characterization of 1,3,5-triazinanes with an axial tert-butyl group. Organic and Biomolecular Chemistry, 2020, 18, 8386-8394. | 1.5 | 5 |
| 22 | Folding topology, structural polymorphism, and dimerization of intramolecular DNA G-quadruplexes with inverted polarity strands and non-natural loops. International Journal of Biological Macromolecules, 2020, 162, 1972-1981. | 3.6 | 1 |
| 23 | Influence of the Nâ†'Ru Coordinate Bond Length on the Activity of New Types of Hoveydaâ€“Grubbs Olefin Metathesis Catalysts Containing a Six-Membered Chelate Ring Possessing a Rutheniumâ€“Nitrogen Bond. Organometallics, 2020, 39, 4599-4607. | 1.1 | 14 |
| 24 | Construction of siloxane structures with P-Tolyl substituents at the silicon atom. Journal of Organometallic Chemistry, 2020, 926, 121497. | 0.8 | 3 |
| 25 | â€œDiels-Alder reactionâ€•in the ionic version: GaCl3-promoted formation of substituted cyclohexenes from donorâ€“acceptor cyclopropanes and dienes. Tetrahedron Letters, 2020, 61, 151990. | 0.7 | 16 |
| 26 | Stereoregular cyclicÂp-tolyl-containing siloxanes as promising reagents for synthesizing functionalized organosiloxanes. Journal of Organometallic Chemistry, 2020, 914, 121223. | 0.8 | 5 |
| 27 | Structural and Functional Aspects of G-Quadruplex Aptamers Which Bind a Broad Range of Influenza A Viruses. Biomolecules, 2020, 10, 119. | 1.8 | 12 |
| 28 | 4-Phenylspiro[2.2]pentane-1,1-dicarboxylate: synthesis and reactions with EtAlCl2 and 4,5-diazaspiro[2.4]hept-4-ene derivative. Mendeleev Communications, 2019, 29, 417-418. | 0.6 | 4 |
| 29 | Three-Component GaHal<sub>3</sub>-Promoted Reactions of Substituted Methylidenemalonates and Donorâ€“Acceptor Cyclopropanes with Propargyl Halides: Cascade Diastereoselective Construction of Five-Membered Lactones. Journal of Organic Chemistry, 2019, 84, 6174-6182. | 1.7 | 18 |
| 30 | Fourâ€Membered Cycle Formation Challenge: GaCl<sub>3</sub>â€Promoted Formal [2+2]â€Cycloaddition of Donorâ€“Acceptor Cyclopropanes to Bicyclobutylidene. European Journal of Organic Chemistry, 2019, 2019, 4207-4214. | 1.2 | 17 |
| 31 | Structure-activity studies of irumamycin type macrolides from Streptomyces sp. INA-Ac-5812. Tetrahedron Letters, 2019, 60, 1448-1451. | 0.7 | 9 |
| 32 | New approach to the synthesis of polymethylsilsesquioxane dendrimers. Polymer, 2019, 174, 159-169. | 1.8 | 17 |
| 33 | â€œFour-componentâ€•assembly of polyaromatic 4H-cyclopenta[b]thiophene structures based on GaCl3-promoted reaction of styrylmalonates with 5-phenylthiophene-2-carbaldehyde. Tetrahedron Letters, 2019, 60, 746-750. | 0.7 | 9 |
| 34 | Hydrazo coupling: the efficient transition-metal-free Câ€“H functionalization of 8-hydroxyquinoline and phenol through base catalysis. Green Chemistry, 2019, 21, 6381-6389. | 4.6 | 9 |
| 35 | Aerobic Co-/N-Hydroxysuccinimide-Catalyzed Oxidation of p-Tolylsiloxanes to p-Carboxyphenylsiloxanes: Synthesis of Functionalized Siloxanes as Promising Building Blocks for Siloxane-Based Materials. Journal of the American Chemical Society, 2019, 141, 2143-2151. | 6.6 | 32 |
| 36 | A role for 3â€²-O-Î²-D-ribofuranosyladenosine in altering plant immunity. Phytochemistry, 2019, 157, 128-134. | 1.4 | 11 |

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|---|---|---|---|
| 37 | Homophtalonitrile for Multicomponent Reactions: Syntheses and Optical Properties of oâ€Cyanophenylâ€or Indolâ€3â€ylâ€Substituted Chromeno[2,3â€c]isoquinolinâ€5â€Amines. ChemistryOpen, 2019, 8, 23-30. | 0.9 | 7 |
| 38 | Aerobic Co or Cu/NHPI-catalyzed oxidation of hydride siloxanes: synthesis of siloxanols. Green Chemistry, 2018, 20, 1467-1471. | 4.6 | 56 |
| 39 | Classical Example of Total Kinetic and Thermodynamic Control: The Dielsâ€"Alder Reaction between DMAD and Bis-furyl Dienes. Journal of Organic Chemistry, 2018, 83, 4840-4850. | 1.7 | 27 |
| 40 | Reaction of benzyne with 1,2,3,4-tetrahydroisoquinolines as an access to 1 H -3-benzazepines. Mendeleev Communications, 2018, 28, 22-24. | 0.6 | 3 |
| 41 | Dielsâ€"Alder reactions between hexafluoro-2-butyne and bis-furyl dienes: kinetic versus thermodynamic control. Chemical Communications, 2018, 54, 2850-2853. | 2.2 | 31 |
| 42 | Methods for the synthesis of donor-acceptor cyclopropanes. Russian Chemical Reviews, 2018, 87, 201-250. | 2.5 | 82 |
| 43 | Copper-Catalyzed Oxidation of Hydrosilanes: A New Method for the Synthesis of Alkyl- and Siloxysilanols. Synlett, 2018, 29, 489-492. | 1.0 | 8 |
| 44 | Comparison of [17(20) E ]-21-Norpregnene oxazolinyl and benzoxazolyl derivatives as inhibitors of CYP17A1 activity and prostate carcinoma cells growth. Steroids, 2018, 129, 24-34. | 0.8 | 19 |
| 45 | Synthesis of<scp>d</scp>-(+)-camphor-basedN-acylhydrazones and their antiviral activity. MedChemComm, 2018, 9, 2072-2082. | 3.5 | 16 |
| 46 | Astolides A and B, antifungal and cytotoxic naphthoquinone-derived polyol macrolactones from Streptomyces hygroscopicus. Tetrahedron, 2018, 74, 7442-7449. | 1.0 | 14 |
| 47 | Ionic Ga-Complexes of Alkylidene- and Arylmethylidenemalonates and Their Reactions with Acetylenes: An In-Depth Look into the Mechanism of the Occurring Gallium Chemistry. Journal of the American Chemical Society, 2018, 140, 14381-14390. | 6.6 | 40 |
| 48 | 4-Chloro-l-kynurenine as fluorescent amino acid in natural peptides. Amino Acids, 2018, 50, 1697-1705. | 1.2 | 11 |
| 49 | Synthesis of 2,5-diaryl-4-halo-1,2,3-triazoles and comparative study of their fluorescent properties. Tetrahedron, 2018, 74, 3897-3903. | 1.0 | 13 |
| 50 | Synthesis of unsaturated silyl nitronates via the silylation of conjugated nitroalkenes. Tetrahedron Letters, 2018, 59, 3128-3131. | 0.7 | 2 |
| 51 | GaCl<sub>3</sub>-Mediated â€œInvertedâ€•Formal [3 + 2]-Cycloaddition of Donorâ€"Acceptor Cyclopropanes to Allylic Systems. Journal of Organic Chemistry, 2018, 83, 8193-8207. | 1.7 | 29 |
| 52 | Fluoronitroalkenes in tandem [4 + 1]/[3 + 2]-cycloaddition: one-pot three-component assembly of fluorinated bicyclic nitroso acetals. Organic Chemistry Frontiers, 2018, 5, 2588-2594. | 2.3 | 22 |
| 53 | Exploiting Coupling of Boronic Acids with Triols for a pH-Dependent â€œClick-Declickâ€•Chemistry. Journal of Organic Chemistry, 2018, 83, 9756-9773. | 1.7 | 19 |
| 54 | A Novel Entry to 3,4,5-Trisubstituted 2-Pyrrolidones from Isoxazoline-N-oxides. Synlett, 2018, 29, 1871-1874. | 1.0 | 10 |

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|---|---|---|---|
| 55 | Reactions of thieno[2,3-Ñ]pyrrolines with dehydrobenzene. Chemistry of Heterocyclic Compounds, 2018, 54, 664-668. | 0.6 | 1 |
| 56 | Conjugates of 17-substituted testosterone and epitestosterone with pyropheophorbide a differing in the length of linkers. Steroids, 2018, 138, 82-90. | 0.8 | 5 |
| 57 | Cascade Cleavage of Three-Membered Rings in the Reaction of Dâ€“A Cyclopropanes with 4,5-Diazaspiro[2.4]hept-4-enes: A Route to Highly Functionalized Pyrazolines. Journal of Organic Chemistry, 2018, 83, 7836-7851. | 1.7 | 21 |
| 58 | Threeâ€Component Gallium(III)â€Promoted Addition of Halide Anions and Acetylenes to Donorâ€“Acceptor Cyclopropanes. Angewandte Chemie, 2018, 130, 10450-10455. | 1.6 | 7 |
| 59 | Threeâ€Component Gallium(III)â€Promoted Addition of Halide Anions and Acetylenes to Donorâ€“Acceptor Cyclopropanes. Angewandte Chemie - International Edition, 2018, 57, 10293-10298. | 7.2 | 42 |
| 60 | Trifunctional (Pyropheophorbide a â€“ Steroid â€“ Hexadecyl Chain) Conjugates: Synthesis, Solubilization, Interaction with Cultured Cells. Macroheterocycles, 2018, 11, 277-285. | 0.9 | 2 |
| 61 | Divergent Reactivity of In Situ Generated Metal Azides: Reaction with N ,N -Bis(oxy)enamines as a Case Study. Chemistry - A European Journal, 2017, 23, 4466-4466. | 1.7 | 0 |
| 62 | [4 + 2] Annulation of Donorâ€“Acceptor Cyclopropanes with Acetylenes Using 1,2-Zwitterionic Reactivity. Journal of Organic Chemistry, 2017, 82, 2724-2738. | 1.7 | 56 |
| 63 | The expanding repertoire of G4 DNA structures. Biochimie, 2017, 135, 54-62. | 1.3 | 71 |
| 64 | Synthesis of Chromenoimidazoles, Annulated with an Azaindole Moiety, through a Base-Promoted Domino Reaction of CyanoÂmethyl Quaternary Salts. Synthesis, 2017, 49, 2753-2760. | 1.2 | 13 |
| 65 | Radical Nitration-Debromination of Î±-Bromo-Î±-fluoroalkenes as a Stereoselective Route to Aromatic Î±-Fluoronitroalkenesâ€”Functionalized Fluorinated Building Blocks for Organic Synthesis. Journal of Organic Chemistry, 2017, 82, 5274-5284. | 1.7 | 45 |
| 66 | Synthesis, structural, spectroscopic and docking studies of new 5C-substituted 2,4-diamino-5H-chromeno[2,3-b]pyridine-3-carbonitriles. Journal of Molecular Structure, 2017, 1146, 766-772. | 1.8 | 28 |
| 67 | PASE Pseudo-Four-Component Synthesis and Docking Studies of New 5-C-Substituted 2,4-Diamino-5H-Chromeno[2,3-b]pyridine-3-Carbonitriles. ChemistrySelect, 2017, 2, 4593-4597. | 0.7 | 26 |
| 68 | Stereoelectronic Control in the Ozoneâ€Free Synthesis of Ozonides. Angewandte Chemie, 2017, 129, 5037-5041. | 1.6 | 15 |
| 69 | Stereoelectronic Control in the Ozoneâ€Free Synthesis of Ozonides. Angewandte Chemie - International Edition, 2017, 56, 4955-4959. | 7.2 | 44 |
| 70 | Divergent Reactivity of In Situ Generated Metal Azides: Reaction with N,Nâ€Bis(oxy)enamines as a Case Study. Chemistry - A European Journal, 2017, 23, 4570-4578. | 1.7 | 24 |
| 71 | Organic and hybrid systems: from science to practice. Mendeleev Communications, 2017, 27, 425-438. | 0.6 | 86 |
| 72 | Synthesis and Regioselective Nâ€2 Functionalization of 4â€Fluoroâ€5â€arylâ€1,2,3â€NHâ€triazoles. European Journal of Organic Chemistry, 2017, 2017, 6851-6860. | 1.2 | 29 |

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|---|---|---|---|
| 73 | Highly diastereoselective formation of 3,7-dioxabicyclo[3.3.0]octan-2-ones in reaction of 2-arylcyclopropanedicarboxylates with aromatic aldehydes using 1,2-zwitterionic reactivity type. Tetrahedron Letters, 2017, 58, 3712-3716. | 0.7 | 12 |
| 74 | Styrylmalonates as an Alternative to Donorâ€“Acceptor Cyclopropanes in the Reactions with Aldehydes: A Route to 5,6-Dihydropyran-2-ones. Organic Letters, 2017, 19, 3731-3734. | 2.4 | 31 |
| 75 | One-pot synthesis of new acid photogenerators for Rhodamine laser dyes fluorescence activation. Dyes and Pigments, 2017, 136, 612-618. | 2.0 | 7 |
| 76 | â€˜On-solventâ€™ new domino reaction of salicylaldehyde, malononitrile and 4-hydroxy-6-methylpyridin-2(1) Tj ETQq0 0 0 rgBT /Overlo<br>Mendeleev Communications, 2017, 27, 559-561. | 0.6 | 17 |
| 77 | On the Reaction of Carbonyl Diphosphonic Acid with Hydroxylamine and O-alkylhydroxylamines: Unexpected Degradation of P-C-P Bridge. Molecules, 2017, 22, 1040. | 1.7 | 0 |
| 78 | The effect of ligands on the change of diastereoselectivity dimerization of 2-(naphthyl-1)cyclopropanedicarboxylate in the presence of GaCl3. Arkivoc, 2017, 2016, 362-375. | 0.3 | 4 |
| 79 | Conjugates of Pyropheophorbide a with Androgen Receptor Ligands. Macroheterocycles, 2017, 10, 77-80. | 0.9 | 6 |
| 80 | Short Approach to Pyrrolopyrazino-, Pyrrolodiazepino-Isoindoles and their Benzo Analogues via the IMDAF Reaction. Current Organic Synthesis, 2017, 14, . | 0.7 | 1 |
| 81 | 1,1 â€™-Bicyclopropyl-2,2-dicarboxylate and Cyclopropylmethylidenemalonate as Homovinylogs and Vinylogs of Donor-Acceptor Cyclopropanes. ChemistrySelect, 2016, 1, 6374-6381. | 0.7 | 13 |
| 82 | Light-induced oxidation of the telomeric G4 DNA in complex with Zn(II) tetracarboxymethyl porphyrin. Nucleic Acids Research, 2016, 44, gkw947. | 6.5 | 19 |
| 83 | Ring-chain tautomerism in the products of the reaction between 5-substituted furfurylamines and anhydrides of Î±,Î²-unsaturated carboxylic acids. Chemistry of Heterocyclic Compounds, 2016, 52, 225-236. | 0.6 | 5 |
| 84 | GaCl3-Mediated Isomerization of Donorâ€“Acceptor Cyclopropanes into (2-Arylalkylidene)malonates. Synlett, 2016, 27, 1367-1370. | 1.0 | 13 |
| 85 | Reduction of Organosilicon Peroxides: Ring Contraction and Cyclodimerization. Organometallics, 2016, 35, 1667-1673. | 1.1 | 12 |
| 86 | Selective transformation of tricyclic peroxides with pronounced antischistosomal activity into 2-hydroxy-1,5-diketones using iron (II) salts. Tetrahedron, 2016, 72, 3421-3426. | 1.0 | 5 |
| 87 | GaCl<sub>3</sub>â€Mediated Reactions of Donorâ€“Acceptor Cyclopropanes with Aromatic Aldehydes. Angewandte Chemie, 2016, 128, 12421-12425. | 1.6 | 23 |
| 88 | Sixâ€Membered Cyclic Nitroso Acetals: Synthesis and Studies of the Nitrogen Inversion Process of Nâ€Silyloxyâ€3,6â€dihydroâ€2Hâ€1,2â€oxazines. European Journal of Organic Chemistry, 2016, 2016, 5569-5578. | 1.6 | 17 |
| 89 | Oxazolinyl derivatives of [17(20)E]-21-norpregnene differing in the structure of A and B rings. Facile synthesis and inhibition of CYP17A1 catalytic activity. Steroids, 2016, 115, 114-122. | 0.8 | 21 |
| 90 | GaCl<sub>3</sub>â€Mediated Reactions of Donorâ€“Acceptor Cyclopropanes with Aromatic Aldehydes. Angewandte Chemie - International Edition, 2016, 55, 12233-12237. | 7.2 | 69 |

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|---|---|---|---|
| 91 | Polyfunctional carboranyl substituted octasilsesquioxane: Synthesis and characterization. Journal of Organometallic Chemistry, 2016, 822, 1-4. | 0.8 | 12 |
| 92 | Stereoselective Michael Halogenation Initiated Ring Closure (MHIRC) Synthesis of Spirocyclopropanes from Benzylidenemalononitriles and 3-Arylisoxazol-5(4H)-ones. Synlett, 2016, 27, 2489-2493. | 1.0 | 5 |
| 93 | Wagnerâ€“Meerwein rearrangement in 2,6a-epoxyoxireno[e]isoindole series. Chemistry of Heterocyclic Compounds, 2016, 52, 736-742. | 0.6 | 4 |
| 94 | Transformation of 2-allyl-1,3-diketones to bicyclic compounds containing 1,2-dioxolane and tetrahydrofuran rings using the I 2 /H 2 O 2 system. Tetrahedron Letters, 2016, 57, 949-952. | 0.7 | 16 |
| 95 | Tandem Pd-catalyzed Câ€“C coupling/recyclization of 2-(2-bromoaryl)cyclopropane-1,1-dicarboxylates with primary nitro alkanes. Tetrahedron Letters, 2016, 57, 11-14. | 0.7 | 19 |
| 96 | Formal [3+3]-cycloaddition of 3-methyl-5,6-dihydro-4H-1,2-oxazine-N-oxides with cyclopropane dicarboxylates under hyperbaric conditions. Tetrahedron Letters, 2015, 56, 2102-2105. | 0.7 | 31 |
| 97 | Transformations of 4-arylpyrrolo[1,2-a][1,4]benzodiazepines in three-component reactions with activated alkynes and Đ¡Đ¸ NH, SH, and ĐžĐ•acids. Chemistry of Heterocyclic Compounds, 2015, 51, 639-646. | 0.6 | 2 |
| 98 | Synthesis of furyl-, furylvinyl-, thienyl-, pyrrolinylquinazolines and isoindolo[2,1-a]quinazolines. Russian Chemical Bulletin, 2015, 64, 1345-1353. | 0.4 | 6 |
| 99 | Dimerization of donorâ€“acceptor cyclopropanes. Mendeleev Communications, 2015, 25, 1-10. | 0.6 | 143 |
| 100 | Donorâ€“Acceptor Cyclopropanes as 1,2-Dipoles in GaCl<sub>3</sub>-Mediated [4 + 2]-Annulation with Alkenes: Easy Access to the Tetralin Skeleton. Journal of Organic Chemistry, 2015, 80, 8225-8235. | 1.7 | 61 |
| 101 | GaCl3-mediated acyclic dimerization of donorâ€“acceptor cyclopropanes using 1,2-dipole reactivity. Mendeleev Communications, 2015, 25, 341-343. | 0.6 | 16 |
| 102 | Synthesis and Structures of Cyclopropanedicarboxylate Gallium Complexes. Organometallics, 2015, 34, 4238-4250. | 1.1 | 18 |
| 103 | Au/Pt/TiO2 catalysts prepared by redox method for the chemoselective 1,2-propanediol oxidation to lactic acid and an NMR spectroscopy approach for analyzing the product mixture. Applied Catalysis A: General, 2015, 491, 170-183. | 2.2 | 35 |
| 104 | Novel Formal [3+3] Cycloaddition of Silyl Nitronates with Activated CycloÂpropanes and Its Application in the Synthesis of Pyrroline-N-oxides. Synlett, 2014, 25, 2275-2280. | 1.0 | 31 |
| 105 | Unexpected formation of substituted naphthalenes and phenanthrenes in a GaCl3 mediated dimerizationâ€“fragmentation reaction of 2-arylcyclopropane-1,1-dicarboxylates. Mendeleev Communications, 2014, 24, 346-348. | 0.6 | 13 |
| 106 | A New Type of Donorâ€“Acceptor Cyclopropane Reactivity: The Generation of Formal 1,2â€•and 1,4â€Đipoles. Angewandte Chemie - International Edition, 2014, 53, 3187-3191. | 7.2 | 110 |
| 107 | Nature Chooses Rings: Synthesis of Silicon-Containing Macrocyclic Peroxides. Organometallics, 2014, 33, 2230-2246. | 1.1 | 29 |
| 108 | General synthetic approach towards annelated 3a,6-epoxyisoindoles by tandem acylation/IMDAF reaction of furylazaheterocycles. Scope and limitations. Tetrahedron, 2014, 70, 1659-1690. | 1.0 | 38 |

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|---|---|---|---|
| 109 | Reactions of mono- and bicyclic enol ethers with the I2â€“hydroperoxide system. RSC Advances, 2014, 4, 7579-7587. | 1.7 | 12 |
| 110 | Six Peroxide Groups in One Molecule â€“ Synthesis of Nineâ€Membered Bicyclic Silyl Peroxides. European Journal of Organic Chemistry, 2014, 2014, 6877-6883. | 1.2 | 16 |
| 111 | 1,3-Dipolar cycloaddition of alkenes to 3â€™-azido-3â€™-deoxythymidine as a route to 3â€™-deoxythymidin-3â€™-yl derivatives. Mendeleev Communications, 2014, 24, 206-208. | 0.6 | 2 |
| 112 | Approach for the Preparation of Various Classes of Peroxides Based on the Reaction of Triketones with H<sub>2</sub>O<sub>2</sub>: First Examples of Ozonide Rearrangements. Chemistry - A European Journal, 2014, 20, 10160-10169. | 1.7 | 31 |
| 113 | A novel and unusual reaction of 1,2,3,4,5,6,7-hepta(methoxycarbonyl)-cyclohepta-2,4,6-trien-1-yl potassium with organic azides. Tetrahedron Letters, 2014, 55, 2381-2384. | 0.7 | 7 |
| 114 | Iminoxyl Radicalâ€Based Strategy for Intermolecular Cï¿¿O Bond Formation: Crossâ€Dehydrogenative Coupling of 1,3â€Dicarbonyl Compounds with Oximes. Advanced Synthesis and Catalysis, 2014, 356, 2266-2280. | 2.1 | 46 |
| 115 | Dimerization of Dimethyl 2â€(Naphthalenâ€1â€yl)cyclopropaneâ€1,1â€dicarboxylate in the Presence of GaCl<sub>3</sub> to [3+2], [3+3], [3+4], and Spiroannulation Products. Helvetica Chimica Acta, 2013, 96, 2068-2080. | 1.0 | 16 |
| 116 | Six-Membered Cyclic Nitronates as 1,3-Dipoles in Formal [3 + 3]-Cycloaddition with Donorâ€“Acceptor Cyclopropanes. Synthesis of New Type of Bicyclic Nitrosoacetals. Organic Letters, 2013, 15, 350-353. | 2.4 | 71 |
| 117 | Synthesis and molecular modeling of (4â€²R)- and (4â€²S)- 4â€²-substituted 2â€²-{[(E)-androst-5-en-17-ylidene]-methyl}oxazolines. Steroids, 2013, 78, 521-527. | 0.8 | 8 |
| 118 | Lipophilic derivatives of natural chlorins: Synthesis, mixed micelles with phospholipids, and uptake by cultured cells. Bioorganic and Medicinal Chemistry, 2013, 21, 5420-5427. | 1.4 | 8 |
| 119 | Pregna-5,17(20)-dien-21-oyl amides affecting sterol and triglyceride biosynthesis in Hep G2 cells. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 2014-2018. | 1.0 | 3 |
| 120 | Synthesis of Triazole-Linked Oligonucleotides with High Affinity to DNA Complements and an Analysis of Their Compatibility with Biosystems. Journal of Organic Chemistry, 2013, 78, 5964-5969. | 1.7 | 44 |
| 121 | Facile Synthesis of 152-Carboxamides of Methyl Pheophorbide a. Macroheterocycles, 2012, 5, 146-148. | 0.9 | 6 |
| 122 | Complexes of Donorâ€“Acceptor Cyclopropanes with Tin, Titanium, and Gallium Chlorides â€” Mechanism Studies. Organometallics, 2012, 31, 8627-8638. | 1.1 | 58 |
| 123 | Chemoselectivity of [4â€‰+â€‰2] cycloaddition in N-maleyl- and N-allyl-2,6-difurylpiperidin-4-ones. Chemistry of Heterocyclic Compounds, 2012, 48, 785-794. | 0.6 | 3 |
| 124 | Synthesis of 21-nitrogen substituted pregna-5,17(20)-dienes from pregnenolone. Steroids, 2012, 77, 77-84. | 0.8 | 13 |
| 125 | Unexpected formation of 4-arylcyclopentane-1,1,3,3-tetracarboxylates in GaCl3-catalyzed reaction of 2-arylcyclopropane-1,1-dicarboxylates with tetrasubstituted 1-pyrazolines. Mendeleev Communications, 2012, 22, 181-183. | 0.6 | 10 |
| 126 | Opening of the epoxide bridge in 3a,6-epoxyisoindol-1-ones by the action of BF3â‹…Et2O in acetic anhydride*. Chemistry of Heterocyclic Compounds, 2012, 48, 514-524. | 0.6 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Stereoselective Double Lewis Acid/Organo-Catalyzed Dimerization of Donorâ€“Acceptor Cyclopropanes into Substituted 2-Oxabicyclo[3.3.0]octanes. Journal of Organic Chemistry, 2012, 77, 5993-6006. | 1.7 | 37 |
| 128 | Unusual C-alkylation of pyrazolines with 2-(het)arylcyclopropane-1,1-dicarboxylates in the presence of GaCl3. Mendeleev Communications, 2012, 22, 87-89. | 0.6 | 12 |
| 129 | New dimerization and cascade oligomerization reactions of dimethyl 2-phenylcyclopropan-1,1-dicarboxylate catalyzed by Lewis acids. Tetrahedron Letters, 2011, 52, 4996-4999. | 0.7 | 50 |
| 130 | Lewis acid catalyzed reactions of donorâ€“acceptor cyclopropanes with 1- and 2-pyrazolines: formation of substituted 2-pyrazolines and 1,2-diazabicyclo[3.3.0]octanes. Tetrahedron, 2010, 66, 9151-9158. | 1.0 | 37 |
| 131 | Enantioselective iminium-catalyzed epoxidation of hindered trisubstituted allylic alcohols. Tetrahedron: Asymmetry, 2010, 21, 1611-1618. | 1.8 | 22 |
| 132 | [17(20)E]- and [17(20)Z]-pregna-5,17(20)-dien-21-oylamides. Facile synthesis and primary evaluation for cancer cells proliferation. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 5495-5498. | 1.0 | 9 |
| 133 | Highly Enantioselective Biphasic Iminiumâ€Catalyzed Epoxidation of Alkenes. On the Importance of the Counterion and of N(sp<sup>2</sup>)ï£¿C(sp<sup>3</sup>) Rotamers. Advanced Synthesis and Catalysis, 2009, 351, 596-606. | 2.1 | 22 |
| 134 | Enantioselective Olefin Epoxidation using Axially Chiral Biaryl Azepinium Salts as Catalysts. Rapid inâ€situ Screening and Origin of the Stereocontrol. Advanced Synthesis and Catalysis, 2008, 350, 1113-1124. | 2.1 | 29 |
| 135 | Enantioselective Olefin Epoxidation Using Novel Doubly Bridged Biphenyl Azepines as Catalysts. Chimia, 2007, 61, 236-239. | 0.3 | 13 |