# Boris A Trofimov

## List of Publications by Year in Descending Order



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| 1,114 papers | 9,317 citations | 38 h-index | 55 g-index |
| 1,262 ext. papers | 10,363 ext. citations | 2 avg, IF | 6.19 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 1114 | Conjugated pyrrole/aminoenone and pyrrole/aminoacrylonitrile ensembles: new motives in heterocyclic chemistry. *Mendeleev Communications*, **2021**, 31, 573-583 | 1.9 | 0 |
| 1113 | A mechanistic insight into the chemoselectivity of the reaction between 3-phenyl-2-propynenitrile, secondary phosphine oxides and pyridinoids. *Mendeleev Communications*, **2021**, 31, 670-672 | 1.9 | 2 |
| 1112 | Electron-Deficient Acetylenes as Three-Modal Adjuvants in S Reaction of Pyridinoids with Phosphorus Nucleophiles. *Molecules*, **2021**, 26, | 4.8 | 1 |
| 1111 | Synthesis and Unexpected Transformation of 5-[(1,3-Dioxolan-2-ylmethyl)sulfanyl]-1H-pyrrol-2-amine into 5-{[2-(2-Hydroxyethoxy)ethenyl]sulfanyl}-1H-pyrrol-2-amine in the Presence of a Superbase. *Russian Journal of Organic Chemistry*, **2021**, 57, 486-489 | 0.7 | 0 |
| 1110 | Selenium Nanocomposites in Natural Matrices as Potato Recovery Agent. *International Journal of Molecular Sciences*, **2021**, 22, | 6.3 | 5 |
| 1109 | Cyanoacetylenic Alcohols: Molecules of Interstellar Relevance in the Synthesis of Essential Heterocycles, Amino Acids, Nucleobases and Nucleosides. *Synthesis*, **2021**, 53, 2740-2766 | 2.9 | 2 |
| 1108 | Fluorescence Quenching of 3,5-Diphenyl-8-CF3-BODIPY Luminophores Bearing Aminophenyl Substituents by Aromatic Molecules. *High Energy Chemistry*, **2021**, 55, 179-192 | 0.9 | |
| 1107 | Aldol Condensation Superbase-Catalyzed Addition of Ketones to Acetylenes: A Quantum-Chemical and Experimental Study. *Journal of Organic Chemistry*, **2021**, 86, 7439-7449 | 4.2 | 2 |
| 1106 | Base-Catalyzed [3 + 2] Cycloaddition of Benzyl Ketimines to Arylacetylenes Followed by Oxidation: A One-Pot Access to Polyarylated 2-Pyrroles via Intermediate Pyrrolines. *Organic Letters*, **2021**, 23, 4121-4126 | 6.2 | 1 |
| 1105 | Functionalized Thieno[3,2-b]pyrroles from Acylthiophenes, Acetylene Gas and Hydrazines in Two Steps. *European Journal of Organic Chemistry*, **2021**, 2021, 2802-2806 | 3.2 | 0 |
| 1104 | Multimolecular Self-Organization of 1-Acetyl-1,3-bis(haloarylamines) in KOH/DMSO System: From Acetylene Gas and -Halo Arylamines toward a Higher Molecular Complexity and Diversity. *Organic Letters*, **2021**, 23, 4743-4748 | 6.2 | 2 |
| 1103 | Fluorescence from 3,5-diphenyl-8-CF-BODIPYs with amino substituents on the phenyl rings: Quenching by aromatic molecules. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 254, 119632 | 4.4 | 2 |
| 1102 | Cross-linking method using pentaepoxide for improving bovine and porcine bioprosthetic pericardia: A multiparametric assessment study. *Materials Science and Engineering C*, **2021**, 118, 111473 | 8.3 | 6 |
| 1101 | Synthesis of pyrrole-ferrocene ensembles and their rearrangement into 2-(ferrocenylmethyl)-1,2-dihydro-3H-pyrrol-3-ones. *Journal of Organometallic Chemistry*, **2021**, 933, 121651 | 2.3 | 1 |
| 1100 | Highly Functionalized Pyrrolylpyridines from 2-(Acylethynyl)-pyrroles. *Synthesis*, **2021**, 53, 1137-1148 | 2.9 | 2 |
| 1099 | Regiocontrolled synthesis of 2,4,6-triarylpyridines from methyl ketones, electron-deficient acetylenes and ammonium acetate. *Organic and Biomolecular Chemistry*, **2021**, 19, 2703-2715 | 3.9 | 4 |
| 1098 | Oxidative cross-coupling of secondary phosphine chalcogenides with amino alcohols and aminophenols: aspects of the reaction chemoselectivity. *Organic and Biomolecular Chemistry*, **2021**, 19, 5098-5107 | 3.9 | 2 |

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| 1097 | Hydrazides in the reaction with hydroxypyrrolines: less nucleophilicity - more diversity. *Beilstein Journal of Organic Chemistry*, **2021**, 17, 319-324 | 2.5 | 1 |
| 1096 | Acylated Aromatic Sulfides in Organic Synthesis **2021**, 209-234 | | |
| 1095 | Unexpected Formation of Thiophene in the Pyrrole Synthesis from Methoxyallene and Methyl Isothiocyanate. *Russian Journal of Organic Chemistry*, **2021**, 57, 287-291 | 0.7 | |
| 1094 | Cyanoquinolines and Furo[3,4-]quinolinones Formation via On-The-Spot 2,3-Functionalization of Quinolines with Cyanopropargylic Alcohols. *Journal of Organic Chemistry*, **2021**, 86, 3800-3809 | 4.2 | 1 |
| 1093 | Synthesis of Long-Chain n-Alkylphosphonic Acids by Phosphonylation of Alkyl Bromides with Red Phosphorus and Superbase under Micellar/Phase Transfer Catalysis. *European Journal of Organic Chemistry*, **2021**, 2021, 1596-1602 | 3.2 | 2 |
| 1092 | Low-Temperature Chemo- and Stereoselective [2+2]-Cyclodimerization of 5-Ethenylidene-4,5-dihydro-1,3-thiazole: An Approach to Unique Derivatives of 1,3-Bis(methylene)cyclobutane. *Russian Journal of Organic Chemistry*, **2021**, 57, 283-286 | 0.7 | |
| 1091 | The Effects of Humic Substances and Humic Substance-Based Silver Nanocomposites on the Viability of Rhizospheric Microorganisms. *Nanobiotechnology Reports*, **2021**, 16, 525-531 | | 1 |
| 1090 | Chemo- and stereoselective synthesis of E-2-(2-acyl-1-tosylvinyl)pyrroles from tosylmethyl isocyanide (TosMIC) and 2-(acylethynyl)pyrroles. *Tetrahedron Letters*, **2021**, 84, 153432 | 2 | 1 |
| 1089 | Uniquely functionalized tetrahydropyrido[2,1-b][1,3]oxazines: Diastereoselective 1:2 assembly from pyridines with oxalylacetylenes. *Tetrahedron Letters*, **2021**, 153431 | 2 | 1 |
| 1088 | A one-pot assembly of 2-isoxazolines from ketones, aryl acetylenes and hydroxylamine: Revisiting the mechanism in terms of quantum chemistry. *Journal of Molecular Structure*, **2021**, 1246, 131185 | 3.4 | 1 |
| 1087 | Pd-catalyzed cross-coupling of arabinogalactan propargyl ethers with 5-bromosalicylic acid. *Carbohydrate Polymers*, **2021**, 273, 118561 | 10.3 | 0 |
| 1086 | Metal-free SHN cross-coupling of pyridines with phosphine chalcogenides: polarization/deprotonation/oxidation effects of electron-deficient acetylenes. *New Journal of Chemistry*, **2021**, 45, 6206-6219 | 3.6 | 4 |
| 1085 | Aromatic Sulfides **2021**, 21-87 | | |
| 1084 | Reaction of polyfluoroalkyl dichlorophosphites with propargyl alcohol: synthesis and isomerization of polyfluoroalkyl di(2-propynyl) phosphites. *Russian Chemical Bulletin*, **2021**, 70, 2195-2199 | 1.7 | |
| 1083 | Catalyst- and Solvent-Free Hydrophosphorylation of Ketones with Secondary Phosphine Oxides: Green Synthesis of Tertiary -Hydroxyphosphine Oxides. *Synthesis*, **2020**, 52, 2224-2232 | 2.9 | 2 |
| 1082 | 2-Amino-5-(cyanomethylsulfanyl)-1H-pyrroles from Propargylamines, Isothiocyanates, and Bromoacetonitrile by One-Pot Synthetic Protocol. *ChemistrySelect*, **2020**, 5, 5726-5731 | 1.8 | 4 |
| 1081 | Retrosynthetic Analysis of -Alkenyl-1,3-Diketones: Regio- and Stereoselective Two-Step Synthesis of Highly Arylated Representatives from Acetylenes, Ketones, and Acyl Chlorides. *Journal of Organic Chemistry*, **2020**, 85, 8429-8436 | 4.2 | 2 |
| 1080 | Functionalized Hexahydropyrrolo[2,1-b]oxazoles from Catalyst-Free Annulation of 1-Pyrrolines with Electron-Deficient Propargylic Alcohols. *European Journal of Organic Chemistry*, **2020**, 2020, 4181-4192 | 3.3 | 2 |

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| 1079 | Zwitterionic adducts of N-heterocycles to electrophilic acetylenes as a master key to diversity and complexity of fundamental nitrogen heterocycles. *Tetrahedron Letters*, **2020**, 61, 151991 | 2 | 4 |
| 1078 | Pd-catalyzed rearrangement of ferrocenylalkyl vinyl ethers to the related aldehydes and ketones. *Tetrahedron Letters*, **2020**, 61, 152110 | 2 | 3 |
| 1077 | Free Radical Hydrophosphorylation of Fluoroalkyl Vinyl Ethers: Synthesis of Fluoroalkyl Phosphonates. *Russian Journal of General Chemistry*, **2020**, 90, 614-618 | 0.7 | 1 |
| 1076 | Nanobiocomposites of Pharmacophoric Iron and Bismuth Oxides with Arabinogalactan Matrix. *Russian Journal of General Chemistry*, **2020**, 90, 672-679 | 0.7 | 3 |
| 1075 | Recent Strides in the Transition Metal-Free Cross-Coupling of Haloacetylenes with Electron-Rich Heterocycles in Solid Media. *Molecules*, **2020**, 25, | 4.8 | 6 |
| 1074 | Bio-inspired Functionalized Pyrrole-Pyridone Ensembles: Synthesis on the Platform of Acylethynylpyrroles. *Synthesis*, **2020**, 52, 2698-2704 | 2.9 | 0 |
| 1073 | Arabinogalactan propargyl ethers: Au-catalysed hydroamination by imidazols. *Carbohydrate Polymers*, **2020**, 246, 116638 | 10.3 | 4 |
| 1072 | Superbase-promoted multi-molecular acetylene/arylamine self-organization to 1-arylpyrroles. *Mendeleev Communications*, **2020**, 30, 109-111 | 1.9 | 8 |
| 1071 | Calcium Carbide as Acetylene Source in Cascade Assemblies of Hydroxypyrrolines and 3H-Pyrroles from Ketoximes. *ChemistrySelect*, **2020**, 5, 3434-3437 | 1.8 | 4 |
| 1070 | Cyanoacetylene-driven base catalyzed synthesis of dihydropyrimidophenanthridinones from phenanthridine and water. *Mendeleev Communications*, **2020**, 30, 12-14 | 1.9 | 2 |
| 1069 | KOBu/DMSO-Mediated C-H Vinylation of -Benzyl Ketimines with Acetylene Gas: Stereoselective Synthesis of (,)-2-Azadienes. *Organic Letters*, **2020**, 22, 2611-2614 | 6.2 | 5 |
| 1068 | Catalyst-Free Double CH-Functionalization of Quinolines with Phosphine Oxides via Two SAr Reaction Sequences. *Journal of Organic Chemistry*, **2020**, 85, 4927-4936 | 4.2 | 4 |
| 1067 | Catalyst- and Solvent-Free Synthesis of Amino Polyfluoroalkylphosphonates from Bis(fluoroalkyl) Phosphonates and Aldimines. *Synthesis*, **2020**, 52, 1531-1540 | 2.9 | 2 |
| 1066 | Synthesis of Non-Symmetric Functionalized Polyfluoroalkyl Phosphites. *Russian Journal of General Chemistry*, **2020**, 90, 839-844 | 0.7 | 1 |
| 1065 | Organometal-Free Arylation and Arylation/Trifluoroacetylation of Quinolines by Their Reaction with CF-ynones and Base-Induced Rearrangement. *Journal of Organic Chemistry*, **2020**, 85, 9993-10006 | 4.2 | 5 |
| 1064 | Multimolecular self-organization of acetylene and arylamines into 1-aryl-3-ethyl-4-vinylpyrroles in the KOBut/DMSO system. *Mendeleev Communications*, **2020**, 30, 315-317 | 1.9 | 6 |
| 1063 | Transition-Metal-Free Superbase-Catalyzed C-H Vinylation of Aldimines with Acetylenes to 1-Azadienes. *Journal of Organic Chemistry*, **2020**, 85, 3417-3425 | 4.2 | 4 |
| 1062 | Asymmetric meso-CF3-BODIPY dyes based on cycloalkanopyrroles. *Dyes and Pigments*, **2020**, 176, 108228 | 4.6 | 5 |

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| 1061 | Quantum-chemical models of KOH(KOBut)/DMSO superbasic systems and mechanisms of base-promoted acetylene reactions. *International Journal of Quantum Chemistry*, **2020**, 120, e26158 | 2.1 | 12 |
| 1060 | Head-to-Tail Dimerization of 4-Fluoroacetophenone in the KOH/DMSO Superbase Suspension and Related SNAr Reaction. *European Journal of Organic Chemistry*, **2020**, 2020, 3480-3485 | 3.2 | 2 |
| 1059 | Oxaazabicyclooctene Oxides, Another Type of Bridgehead Nitrones: Diastereoselective Assembly from Acetylene Gas, Ketones, and Hydroxyl Amine. *Journal of Organic Chemistry*, **2020**, 85, 6732-6740 | 4.2 | 4 |
| 1058 | (Pyrrole-2,5-Diyl)-Bis(Nitronyl Nitroxide) and-Bis(Iminonitroxide): Specific Features of the Synthesis, Structure, and Magnetic Properties. *Molecules*, **2020**, 25, | 4.8 | 3 |
| 1057 | Synthesis of Amido- and Diamidophosphites with Polyfluoroalkyl Substituents. *Russian Journal of General Chemistry*, **2020**, 90, 229-234 | 0.7 | |
| 1056 | From Acylethynylpyrroles to Pyrrolo[1,2-a]pyrazines in One Step. *Russian Journal of Organic Chemistry*, **2020**, 56, 225-233 | 0.7 | 2 |
| 1055 | Oxidative Cross-Coupling of Cysteamine with Secondary Phosphine Chalcogenides: Aspects of Reaction Chemoselectivity. *Doklady Chemistry*, **2020**, 490, 11-15 | 0.8 | |
| 1054 | Growth-Stimulating Activity of Natural Polymer-Based Nanocomposites of Selenium during the Germination of Cultivated Plant Seeds. *Doklady Biochemistry and Biophysics*, **2020**, 495, 296-299 | 0.8 | 1 |
| 1053 | Organophosphorus chemistry based on elemental phosphorus: advances and horizons. *Russian Chemical Reviews*, **2020**, 89, 225-249 | 6.8 | 13 |
| 1052 | Asymmetric meso-CF3-dipyrromethanes with amino- and heterocyclic functions from trifluoro(pyrrolyl)ethanols and pyrroles. *Journal of Fluorine Chemistry*, **2020**, 231, 109455 | 2.1 | |
| 1051 | Site- and stereoselective synthesis of bridgehead tetrahydropyrrolo[2,3-c]pyridines from ketoximes and acetylene gas in two synthetic operations. *Tetrahedron Letters*, **2020**, 61, 151533 | 2 | 2 |
| 1050 | Synthesis of N-(Z)-acylethenyl-6-hydroxydihydrophenanthridines via the stereoselective functionalization of phenanthridine with acylacetylenes and water. *Tetrahedron Letters*, **2020**, 61, 151553 | 2 | 2 |
| 1049 | Synthesis of nitrogen, phosphorus, selenium and sulfur-containing heterocyclic compounds - Determination of their carbonic anhydrase, acetylcholinesterase, butyrylcholinesterase and α-glycosidase inhibition properties. *Bioorganic Chemistry*, **2020**, 103, 104171 | 5.1 | 36 |
| 1048 | NaOH(KOH)-catalyzed vinylation of cellulose with acetylene gas in water. *Cellulose*, **2020**, 27, 9271-9283 | 5.5 | 1 |
| 1047 | Acylacetylenes in multiple functionalization of hydroxyquinolines and quinolones. *Tetrahedron*, **2020**, 76, 131523 | 2.4 | 1 |
| 1046 | Catalyst-free regio- and chemoselective addition of secondary phosphine oxides to isoquinolines. *Russian Chemical Bulletin*, **2020**, 69, 1102-1105 | 1.7 | 2 |
| 1045 | Self-Assembly of -Phenyl-2,5-dimethylpyrrole from Acetylene and Aniline in KOH/DMSO and KOBu/DMSO Superbase Systems: A Quantum-Chemical Insight. *Journal of Organic Chemistry*, **2020**, 85, 10617-10627 | 4.2 | 5 |
| 1044 | Chemoselective vinylation of aminophenols with acetylene catalyzed by sodium aminophenolates in aqueous DMSO. *Mendeleev Communications*, **2020**, 30, 788-790 | 1.9 | |

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| 1043 | Nucleophilic Addition of 1,1?-Bis(hydroxymethyl)ferrocene to Alkynes: Synthesis of Ferrocene Diethenyl Ethers. *Synthesis*, **2020**, 52, 320-326 | 2.9 | 1 |
| 1042 | Cascade Assembly of 4,5,6,7-Tetrahydroindole from Cyclohexanone Oxime and Acetylene in the KOH/DMSO Superbase Medium: A Quantum Chemical Study. *Journal of Organic Chemistry*, **2020**, 85, 6463-6470 | 4.2 | 3 |
| 1041 | Single-stage synthesis of alkyl-H-phosphinic acids from elemental phosphorus and alkyl bromides. *Mendeleev Communications*, **2019**, 29, 328-330 | 1.9 | 6 |
| 1040 | From acylethynylpyrroles to pyrrole-pyrone ensembles in a one step. *Tetrahedron Letters*, **2019**, 60, 151126 | 2 | 3 |
| 1039 | Acetylene-based two-step diastereoselective synthesis of bridgehead dihydro-oxadiazines using ketones and hydrazine as the only reactants. *Chemical Communications*, **2019**, 55, 2632-2635 | 5.8 | 7 |
| 1038 | Synthesis and Spectral Characterization of New Biodegradable Arabinogalactan Derivatives for Diagnosis and Therapy. *Bulletin of the Russian Academy of Sciences: Physics*, **2019**, 83, 343-349 | 0.4 | 2 |
| 1037 | Cationic Copolymerization of Cholesterol Vinyl Ether with N-Allenylpyrrolidone: A Route to Pharmacologically Promising Oligomers. *Doklady Chemistry*, **2019**, 485, 112-115 | 0.8 | 1 |
| 1036 | Copper(I) halide-promoted formation of 3-acyl-5-halopyridine moiety from NH-2-(2-acylethynyl)pyrroles and propargylamine. *Mendeleev Communications*, **2019**, 29, 252-253 | 1.9 | 3 |
| 1035 | Polyfluoroalkyl Phosphates Bearing Propargyl Substituents. *Russian Journal of General Chemistry*, **2019**, 89, 708-712 | 0.7 | 2 |
| 1034 | A hydrogen pump: Transfer of four hydrogens from a cyclohexane ring to a triple bond during a menthofuran/bromoacetylene adduct rearrangement. *Tetrahedron Letters*, **2019**, 60, 1864-1867 | 2 | 1 |
| 1033 | Application of Acyzol in the Context of Zinc Deficiency and Perspectives. *International Journal of Molecular Sciences*, **2019**, 20, | 6.3 | 6 |
| 1032 | Unexpected Reaction of Secondary Phosphine Chalcogenides with Acridine. *Russian Journal of General Chemistry*, **2019**, 89, 543-545 | 0.7 | 3 |
| 1031 | Toward Acetylene Renaissance: Functionally Rich N-Aminoindoles from Acetylene Gas, Ketones, and Hydrazines in Two Steps. *Organic Letters*, **2019**, 21, 4275-4279 | 6.2 | 4 |
| 1030 | From 1,2,5-Oxadiazolo[3,4-g]indoles to Pyrrolo[2,3-f]quinoxalines in One Preparative Stage. *Russian Journal of Organic Chemistry*, **2019**, 55, 273-275 | 0.7 | |
| 1029 | Acetylene-Triggered Reductive Incorporation of Phosphine Chalcogenides into a Quinoline Scaffold: Toward SAr Reaction. *Journal of Organic Chemistry*, **2019**, 84, 6244-6257 | 4.2 | 10 |
| 1028 | Organofluorine chemistry: promising growth areas and challenges. *Russian Chemical Reviews*, **2019**, 88, 425-569 | 6.8 | 90 |
| 1027 | 1,2,5-Oxadiazolo[3,4-g]indoles via annelation of 6,7-dihydrobenzo[c][1,2,5]oxadiazol-4(5H)-one oxime with acetylene. *Mendeleev Communications*, **2019**, 29, 53-54 | 1.9 | 0 |
| 1026 | Phosphorylation of Acetylaminophenols with Secondary Phosphine Chalcogenides: Synthesis of O-(Acetylamino)phenyl Chalcogenophosphinates. *Russian Journal of General Chemistry*, **2019**, 89, 59-62 | 0.7 | 1 |

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| 1025 | Non-Aromatic 3H-Pyrroles in the Reaction with Nucleophiles: Is High Reactivity a Myth?. *European Journal of Organic Chemistry*, **2019**, 2019, 2305-2312 | 3.2 | 3 |
| 1024 | Reduction of Acridine and 9-Chloroacridine with Red Phosphorus in the KOH/DMSO System. *Doklady Chemistry*, **2019**, 487, 177-179 | 0.8 | |
| 1023 | Superbase-Promoted Addition of Acetylene Gas to the C=N Bond. *European Journal of Organic Chemistry*, **2019**, 2019, 5875-5881 | 3.2 | 6 |
| 1022 | Regioselective Synthesis of 2-Acylbutadienes from Unsaturated Ketones. *Synthesis*, **2019**, 51, 3825-3833 | 2.9 | 1 |
| 1021 | Synthesis of 2-[(5-Amino-1H-pyrrol-2-yl)sulfanyl]acetic Acid Esters: One-Pot Assembly from Propargyl Amines, Isothiocyanates, and Alkyl 2-Bromoacetates. *Synthesis*, **2019**, 51, 3697-3708 | 2.9 | 4 |
| 1020 | Cyanoacetylenes as Triggers and Partners in KOH-Assisted Assemblies of Quinoline-Based Dihydropyrimido[1,2-]quinolin-3-ones on Water. *Journal of Organic Chemistry*, **2019**, 84, 9726-9733 | 4.2 | 8 |
| 1019 | One-Pot Metal-Free Synthesis of 3-CF-1,3-Oxazinopyridines by Reaction of Pyridines with CFCO-Acetylenes. *Molecules*, **2019**, 24, | 4.8 | 5 |
| 1018 | Superbase-Assisted Selective Synthesis of Triarylphosphines from Aryl Halides and Red Phosphorus: Three Consecutive Different SNAr Reactions in One Pot. *European Journal of Organic Chemistry*, **2019**, 2019, 6240-6245 | 3.2 | 5 |
| 1017 | Chemoselective Vinylation of the Quinine Hydroxy Group with the System Electron-Deficient Acetylene/Diphenylphosphine Oxide: an Alternative to SHNAr Reaction. *Russian Journal of Organic Chemistry*, **2019**, 55, 1971-1974 | 0.7 | 2 |
| 1016 | Diastereoselective synthesis of 5-hydroxy-3-methylalkane-1,6-diones from ketones and acetylene in two atom-economic steps. *Mendeleev Communications*, **2019**, 29, 17-18 | 1.9 | 1 |
| 1015 | Towards C1 chemistry: methanol vinylation by CaC2 in water in the presence of potassium or sodium carbonates. *Journal of Chemical Technology and Biotechnology*, **2019**, 94, 1945-1950 | 3.5 | 8 |
| 1014 | Selenium Nanocomposites Having Polysaccharid Matrices Stimulate Growth of Potato Plants in Vitro Infected with Ring Rot Pathogen. *Doklady Biological Sciences*, **2019**, 489, 184-188 | 0.9 | 5 |
| 1013 | The Biological Activity of a Selenium Nanocomposite Encapsulated in Carrageenan Macromolecules with Respect to Ring Rot Pathogenesis of Potato Plants. *Nanotechnologies in Russia*, **2019**, 14, 255-262 | 0.6 | 9 |
| 1012 | Cationic Copolymerization of Cholesterol Vinyl Ether with Methyl Vinyl Sulfide: Towards New Biologically Active Oligomers. *Doklady Chemistry*, **2019**, 489, 288-291 | 0.8 | |
| 1011 | MODIFICATION OF THE ARABINOGALACTAN MATRIX IN THE FORMATION OF METAL POLYMER NANOBIOCOMPOSITES. *Nanotechnologies in Russia*, **2019**, 14, 41-47 | 0.6 | 2 |
| 1010 | Diastereoselective synthesis of CF3-oxazinoquinolines in water. *Green Chemistry*, **2019**, 21, 6353-6360 | 10 | 18 |
| 1009 | Acetylene based short route from 2,2,6,6-tetramethylpiperidin-4-one oxime to 2-(pyrazol-5-yl)-4,5,6,7-tetrahydropyrrolo[3,2-c]pyridines. *Mendeleev Communications*, **2019**, 29, 658-660 | 1.9 | 2 |
| 1008 | Quantum chemical comparison of ethynylation and C-vinylation routes in superbase catalyzed reaction of acetylenes with imines. *Mendeleev Communications*, **2019**, 29, 622-624 | 1.9 | 4 |

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| 1007 | Catalyst-free addition of secondary phosphine chalcogenides to pyrazolecarbaldehydes. *Mendeleev Communications*, **2019**, 29, 683-685 | 1.9 | 4 |
| 1006 | 3H-Pyrroles as a platform for the catalyst-free construction of dihydropyrrolo[2,1-b]oxazoles: [4 + 2]-cycloaddition vs [2 + 3]-annulation with 1-cyano-3-hydroxyalkynes. *Tetrahedron Letters*, **2019**, 60, 344-347 | 2 | 5 |
| 1005 | Synthesis, characterization and biological evaluation of Zn(II) and Co(II) complexes of N-allylimidazole as potential hypoxia-targeting agents. *Polyhedron*, **2019**, 161, 126-131 | 2.7 | 2 |
| 1004 | Metal- and Solvent-free Synthesis of Functionalized Dihydrooxa□zolo[3,2-a]indoles by One-Pot Tandem Assembly of 3H-Indoles and Propargylic Alcohols. *Synthesis*, **2019**, 51, 1445-1454 | 2.9 | 4 |
| 1003 | Transition-Metal-Free C-Vinylation of Ketones with Acetylenes: A Quantum-Chemical Rationalization of Similarities and Differences in Catalysis by Superbases MOH/DMSO and tBuOM/DMSO (M = Na, K). *Journal of Organic Chemistry*, **2018**, 83, 3719-3726 | 4.2 | 2 |
| 1002 | Metal-free site selective cross-coupling of pyridines with secondary phosphine chalcogenides using acylacetylenes as oxidants. *Chemical Communications*, **2018**, 54, 3371-3374 | 5.8 | 17 |
| 1001 | Acetylenes in the Superbase-Promoted Assembly of Carbocycles and Heterocycles. *Accounts of Chemical Research*, **2018**, 51, 1117-1130 | 24.3 | 46 |
| 1000 | DBU as a scaffold for the synthesis of [1,3]oxazolo[2□3□ 2,3]pyrimido-[1,2-a]azepines: annulation with aromatic cyanopropargylic alcohols. *Mendeleev Communications*, **2018**, 28, 128-130 | 1.9 | 5 |
| 999 | Phosphorus halide free synthesis of 1,2,3,4-tetrahydroisophosphinoline 2-oxides. *Mendeleev Communications*, **2018**, 28, 29-30 | 1.9 | 2 |
| 998 | Reaction of 1-(het)aryl-3-bromoprop-2-ynones with furans in solid metal oxides or salts: cross-coupling or cycloaddition?. *Mendeleev Communications*, **2018**, 28, 20-21 | 1.9 | 2 |
| 997 | Acetylene as driving and organizing molecule in the assembling reactions with chalcones in the NaOBu t /DMSO superbase system. *Mendeleev Communications*, **2018**, 28, 47-48 | 1.9 | 1 |
| 996 | Metal-free stereoselective annulation of quinolines with trifluoroacetylacetylenes and water: an access to fluorinated oxazinoquinolines. *Chemical Communications*, **2018**, 54, 2268-2271 | 5.8 | 22 |
| 995 | Expeditious Scalable Catalyst-Free One-Pot Synthesis of 4-Alkoxy-5-amino-3-methylthiophene-2-carbonitriles via Sequential Reactions□of Lithiated Alkoxyallenes with Isothiocyanates and 2-Bromoacetonitrile. *Synthesis*, **2018**, 50, 1891-1900 | 2.9 | 5 |
| 994 | Transition metal-free cross-coupling of furan ring with haloacetylenes. *Tetrahedron*, **2018**, 74, 1565-1570 | 2.4 | 6 |
| 993 | Ultrasensitive reversible chromophore reaction of BODIPY functions as high ratio double turn on probe. *Nature Communications*, **2018**, 9, 362 | 17.4 | 34 |
| 992 | PCl 3 - and organometallic-free synthesis of tris(2-picolyl)phosphine oxide from elemental phosphorus and 2-(chloromethyl)pyridine hydrochloride. *Tetrahedron Letters*, **2018**, 59, 723-726 | 2 | 9 |
| 991 | A New Facet of Azatriene Reactivity: A Short Cut to 5-Amino-3-methyl-4-(1H-pyrrol-1-yl)thiophene-2-carboxylates and 5-Amino-3-methyl-4-(1H-pyrrol-1-yl)thiophene-2-carbonitriles. *European Journal of Organic Chemistry*, **2018**, 2018, 1953-1963 | 3.2 | 6 |
| 990 | An Easy Access to Sulfur Derivatives of 6,8-Dioxabicyclo[3.2.1]octanes, Naturally Abundant Scaffolds. *Synthesis*, **2018**, 50, 2624-2630 | 2.9 | 6 |

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| 989 | Regio- and stereoselective reaction of 3-fluoropyridine, electron-deficient alkynes and bis(fluoroalkyl) phosphites: Catalyst- and solvent-free synthesis of polyfluoroalkylphosphonylated 3-fluoro-1,2-dihydropyridines. *Journal of Fluorine Chemistry*, **2018**, 210, 137-141 | 2.1 | 1 |
| 988 | Synthesis of Water-Soluble Silver Selenide Quantum Dots Luminescing within the Transparency Window of Biological Tissues. *Russian Journal of General Chemistry*, **2018**, 88, 284-287 | 0.7 | 2 |
| 987 | Dioximes of 1,6-heptanediones from acetylene and ketones: only three atom-economic steps. *Mendeleev Communications*, **2018**, 28, 143-144 | 1.9 | 4 |
| 986 | 2,4,6-Trisubstituted 3,4-dihydropyrans from acetylene and ketones: deacetylation in the KOBu t /DMSO system. *Mendeleev Communications*, **2018**, 28, 145-146 | 1.9 | 5 |
| 985 | Gold-Catalyzed Nucleophilic Addition of Imidazole to Arabinogalactan Propargyl Ether. *Russian Journal of Organic Chemistry*, **2018**, 54, 154-155 | 0.7 | 1 |
| 984 | One-Pot Chlorine-Free Synthesis of Chiral Organophosphorus Compounds from Elemental Phosphorus and α-Methylstyrene Dimer. *Doklady Chemistry*, **2018**, 478, 5-8 | 0.8 | 2 |
| 983 | Catalyst-free selenylation of acylacetylenes with secondary phosphine selenides and water: A short-cut to bis(2-acylvinyl) selenides. *Journal of Organometallic Chemistry*, **2018**, 867, 79-85 | 2.3 | 6 |
| 982 | Transformations of 2-[(Methoxy-2-oxoethyl)sulfanyl]-5,6-dihydropyridine under Acid Catalysis: Unexpected Transition to Derivatives of 5,6-Dihydropyridin-2(1H)-one and 2,3,6,7-Tetrahydro-5H-[1,3]thiazolo[3,2-a]pyridine. *Russian Journal of Organic Chemistry*, **2018**, 54, 691-695 | 0.7 | 2 |
| 981 | Transition-Metal-Free Addition of Acetylenes to Ketimines: the First Base-Catalyzed Ethynylation of the C=N Bond. *European Journal of Organic Chemistry*, **2018**, 2018, 4845-4849 | 3.2 | 11 |
| 980 | Exploring Acetylene Chemistry: A Transition Metal-Free Route to Dienyl 6,8-Dioxabicyclo[3.2.1]octanes from Ketones and Acetylenes. *Journal of Organic Chemistry*, **2018**, 83, 10272-10280 | 4.2 | 4 |
| 979 | Transition metal-free one-pot double C-H functionalization of quinolines with disubstituted electron-deficient acetylenes. *Chemical Communications*, **2018**, 54, 5863-5866 | 5.8 | 14 |
| 978 | Two classes of heterocycles—6,8-dioxabicyclo[3.2.1]octanes and cyclopentenols from the same reagents: A quantum-chemical comparison of mechanism. *International Journal of Quantum Chemistry*, **2018**, 118, e25689 | 2.1 | 6 |
| 977 | tert-Butoxide-Assisted Structural Transformation of 2-Aza-1,3,5-trienes: Fast Track to 5-Ethynyl-2-vinyl- and 2,5-Divinyl-1,3-thiazoles. *Synthesis*, **2018**, 50, 4313-4324 | 2.9 | 3 |
| 976 | Synthesis and Isomer Composition of 2-Polyfluoroalkoxy-1,3,2-dioxaphospholanes and -phosphinanes. *Russian Journal of General Chemistry*, **2018**, 88, 705-712 | 0.7 | 3 |
| 975 | Synthesis of 1-Carboxamide-1,4-dihydropyridazines via Recyclization of Hydroxypyrrolines with Semicarbazides. *Synthesis*, **2018**, 50, 4982-4988 | 2.9 | 3 |
| 974 | Synthesis of Acetylenic Amides with Propyllactam Moieties by In Situ DBU or DBN Ring-Opening Rearrangement in the Presence of Acetylenic Esters. *Synthesis*, **2018**, 50, 853-858 | 2.9 | 5 |
| 973 | Hydrophosphorylation of vinyl sulfides with elemental phosphorus in the KOH/DMSO(H2O) system: synthesis of 2-alkyl(aryl)thioethylphosphinic acids. *Journal of Sulfur Chemistry*, **2018**, 39, 112-118 | 2.3 | 2 |
| 972 | Simultaneous Double C2/C3 Functionalization of Quinoline with p-Nitrobenzoyl(phenyl)acetylene. One-Pot Synthesis of 3-(4-Nitrobenzoyl)-2-phenylquinoline. *Russian Journal of Organic Chemistry*, **2018**, 54, 1845-1847 | 0.7 | 1 |

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|---|---|---|---|
| 971 | Noncatalytic Annulation of 4-Hydroxy-4-methylpent-2-ynenitrile to 3,3-Dimethyl-2-phenyl-3H-pyrrole. Stereoselective Synthesis of (Z)-2-(2,2,7,7-Tetramethyl-7a-phenyl-7,7a-dihydropyrrolo- [2,1-b]oxazol-3(2H)-ylidene)acetonitrile. *Russian Journal of Organic Chemistry*, **2018**, 54, 1848-1850 | 0.7 | 1 |
| 970 | Catalyst-free 1 : 2 annulation of quinolines with trifluoroacetylacetylenes: an access to functionalized oxazinoquinolines. *Organic and Biomolecular Chemistry*, **2018**, 16, 8038-8041 | 3.9 | 12 |
| 969 | 2-(5-Arylterphenyl-4-yl)quinolines from 2-methylquinoline and 1-(het)aryl-3-phenylprop-2-yn-1-ones in just a one step: A miracle of molecular interplay. *Mendeleev Communications*, **2018**, 28, 267-269 | 1.9 | 1 |
| 968 | 2-Halopyridines in the triple reaction in the Pn/KOH/DMSO system to form tri(2-pyridyl)phosphine: Experimental and quantum-chemical dissimilarities. *Mendeleev Communications*, **2018**, 28, 472-474 | 1.9 | 7 |
| 967 | One-Pot Assembly of Alkyl [(5-Amino-1H-pyrrol-2-yl)sulfanyl]-acetates from Propargylamines, Isothiocyanates, and Alkyl Bromoacetates. *Russian Journal of Organic Chemistry*, **2018**, 54, 1325-1328 | 0.7 | |
| 966 | First Example of the Aza-Favorskii Reaction. Ethynylation of C=N Bond in the Superbasic System t-BuOK–DMSO. *Russian Journal of Organic Chemistry*, **2018**, 54, 1422-1424 | 0.7 | 1 |
| 965 | Synthesis of Chalcogen-Containing Nanocomposites of Selenium and Tellurium with Arabinogalactan and a Study of Their Toxic and Antimicrobial Properties. *Nanotechnologies in Russia* , **2018**, 13, 290-294 | 0.6 | 5 |
| 964 | Catalyst-Free Phosphorylation of Acridine with Secondary Phosphine Chalcogenides: Nucleophilic Addition vs SAr Reaction. *Organic Letters*, **2018**, 20, 7388-7391 | 6.2 | 10 |
| 963 | Silver Nanobiocomposites Based on Humic Substances As Highly Efficient Stimulators of Seed Germination. *Nanotechnologies in Russia*, **2018**, 13, 305-310 | 0.6 | |
| 962 | Free-Radical Co-Oligomerization of N-Vinylpyrroles with N-Vinylpyrrolidone: A Route to New Bioactive Oligomers. *Doklady Chemistry*, **2018**, 482, 237-241 | 0.8 | |
| 961 | Silver-Containing Humic Substance-Based Nanocomposites-Agents for Healing of Potatoes from the Ring Rot. *Doklady Biological Sciences*, **2018**, 483, 239-242 | 0.9 | 3 |
| 960 | Solvent-free synthesis of 4-chalcogenophosphorylpyridines via SNHAr reaction of pyridines with secondary phosphine chalcogenides. *Mendeleev Communications*, **2018**, 28, 582-583 | 1.9 | 2 |
| 959 | Chemoselective Cross-Coupling of Secondary Phosphine Chalcogenides with Aminophenols: Synthesis of Aminophenylchalcogenophosphinic Acids O-Esters. *Russian Journal of General Chemistry*, **2018**, 88, 2223-2226 | 0.7 | 2 |
| 958 | Acylethynylpyrroles as a platform for the one-pot access to 2-(pyrrol-2-yl)-3-acylpyridines via the dihydrogenative annelation with propargylamine. *Tetrahedron Letters*, **2018**, 59, 4047-4049 | 2 | 9 |
| 957 | Unfolding the frontalin chemistry: a facile selective hydrogenation of 7-methylidene-6,8-dioxabicyclo[3.2.1]octanes, 2:2 ensembles of ketones and acetylene. *Mendeleev Communications*, **2018**, 28, 513-514 | 1.9 | 2 |
| 956 | Transition metal-free regioselective access to 9,10-dihydroanthracenes via the reaction of anthracenes with elemental phosphorus in the KOH/DMSO system. *Tetrahedron Letters*, **2018**, 59, 4533-4536 | 2 | 3 |
| 955 | Synthesis of 2,2-di(pyrazol-1-yl)enones via the 2:1 coupling of pyrazoles and acylbromoacetylenes in solid alumina. *Tetrahedron Letters*, **2018**, 59, 4231-4235 | 2 | 4 |
| 954 | Cyclizations of The Isothiocyanates-Derived Azatrienes: The CuBr2-Catalyzed Switching from Thiophenes to Pyrroles. *European Journal of Organic Chemistry*, **2018**, 2018, 5961-5971 | 3.2 | 7 |

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|---|---|---|---|
| 953 | Organoelement chemistry: promising growth areas and challenges. *Russian Chemical Reviews*, **2018**, 87, 393-507 | 6.8 | 111 |
| 952 | Three-Component Reaction of 4-Methylpyridine with Alkyl Propiolates and Secondary Phosphine Chalcogenides. *Russian Journal of General Chemistry*, **2018**, 88, 912-918 | 0.7 | 4 |
| 951 | Three-Step Synthesis of 2-Acetyl-4-methyl-3,4-dihydropyran Oximes from Acetylbenzenes and Acetylene. *Russian Journal of Organic Chemistry*, **2018**, 54, 659-661 | 0.7 | 2 |
| 950 | Regio- and stereoselective modification of cytosine with cyanopropargylic alcohols. *Mendeleev Communications*, **2017**, 27, 14-15 | 1.9 | 2 |
| 949 | Polarity and structure of derivatives of bis(2-phenylethyl)selenophosphinic acid. *Pure and Applied Chemistry*, **2017**, 89, 393-401 | 2.1 | 3 |
| 948 | Oxidative coupling of hydroxy- or aminoazobenzenes with secondary phosphine chalcogenides: Towards new media-responsive molecular switches. *Tetrahedron Letters*, **2017**, 58, 1992-1995 | 2 | 4 |
| 947 | Efficient switching from the 2,3?- to 2,2?-bipyrrole scaffold via the recyclization of 1-(benzoylmethylanilino)-3-imino-3 H -2-cyanopyrrolizines: Crucial effect of the DBU organic superbase. *Tetrahedron Letters*, **2017**, 58, 2209-2212 | 2 | 3 |
| 946 | Synthesis of pyrrole-dihydrothiazole ensembles from 1-allenyl-1H-pyrrole, isothiocyanates, and propargyl bromide. *Russian Journal of Organic Chemistry*, **2017**, 53, 305-308 | 0.7 | 1 |
| 945 | Furfuryl vinyl ethers in [4+2]-cycloaddition reactions. *Russian Journal of Organic Chemistry*, **2017**, 53, 203-209 | 0.7 | 4 |
| 944 | Aminomethylation of substituted pyrroles and 4,5,6,7-tetrahydroindoles with biogenic cyclic amines. *Russian Journal of Organic Chemistry*, **2017**, 53, 184-191 | 0.7 | |
| 943 | Formation of 2-methyl-3,5-diphenylfuran from chalcone and acetylene in the system KOH–DMSO. *Russian Journal of Organic Chemistry*, **2017**, 53, 470-471 | 0.7 | 2 |
| 942 | Sulfur-containing polymer and carbon materials based on poly(vinyl chloride). *Doklady Chemistry*, **2017**, 473, 53-56 | 0.8 | |
| 941 | A One-Pot Synthesis of 2-Aminopyrimidines from Ketones, Arylacetylenes, and Guanidine. *Journal of Organic Chemistry*, **2017**, 82, 119-125 | 4.2 | 17 |
| 940 | Metal-Free Selective Synthesis of 1,4-Dihydropyridazines from Hydroxypyrrolines and Hydrazines. *European Journal of Organic Chemistry*, **2017**, 2017, 4004-4010 | 3.2 | 6 |
| 939 | A One-Pot Assembly of Fully Substituted Alkyl 5-Aminothiophene-2-carboxylates from Allenes, Isothiocyanates, and Alkyl 2-Bromoacetates. *Journal of Organic Chemistry*, **2017**, 82, 7519-7528 | 4.2 | 16 |
| 938 | Reaction of 1-bromonaphthalene with PH3 in the t-BuOK/DMSO system: PCl3-free synthesis of di(1-naphthyl)phosphine and its oxide. *Tetrahedron*, **2017**, 73, 4723-4729 | 2.4 | 4 |
| 937 | 2-Aminopyrimidines in just two steps from ketones, acetylenes and guanidine via enones. *Mendeleev Communications*, **2017**, 27, 283-284 | 1.9 | 5 |
| 936 | Decorated Cyclopentadienes from Acetylene and Ketones in Just Two Steps. *Organic Letters*, **2017**, 19, 3127-3130 | 6.2 | 13 |

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|---|---|---|---|
| 935 | Acetylene as a Driving and Organizing Molecule in One-Pot Transition-Metal-Free Synthesis of Furans using Chalcones and their Analogues. *Asian Journal of Organic Chemistry*, **2017**, 6, 707-711 | 3 | 4 |
| 934 | Formation of 1-aminophenazine from 3,4-dihydrophenazin-1(2H)-one oxime in the system acetylene–KOH–DMSO. *Russian Journal of Organic Chemistry*, **2017**, 53, 150-152 | 0.7 | 2 |
| 933 | Ring-opening of pyridines and imidazoles with electron-deficient acetylenes: En route to metal-free organic synthesis. *Mendeleev Communications*, **2017**, 27, 109-115 | 1.9 | 13 |
| 932 | Microwave-assisted catalyst-free addition of secondary phosphines to fullerene C 60. *Mendeleev Communications*, **2017**, 27, 198-200 | 1.9 | |
| 931 | Environment-Responsive 8-CF3-BODIPY Dyes with Aniline Groups at the 3 Position: Synthesis, Optical Properties and RI-CC2 Calculations. *Asian Journal of Organic Chemistry*, **2017**, 6, 852-861 | 3 | 15 |
| 930 | Transformations of 2-methyl-6-(methylsulfanyl)-5-phenyl-2,3-dihydropyridine in the presence of potassium tert-butoxide: Concurrent aromatization and dimerization processes. *Russian Journal of Organic Chemistry*, **2017**, 53, 130-133 | 0.7 | |
| 929 | New aromatization pathway of 2,3-dihydropyridines by the action of superbase: Concurrent synthesis of 2-(methylsulfanyl)-6-[(vinyloxy)methyl]pyridine and 3-methoxy-6-methyl-2-(methylsulfanyl)pyridine. *Russian Journal of Organic Chemistry*, **2017**, 53, 134-136 | 0.7 | 2 |
| 928 | Transition-Metal-Free, Atom- and Step-Economic Synthesis of Aminoketopyrrolizines from Benzylamine, Acylethynylpyrroles, and Acylacetylenes. *Organic Letters*, **2017**, 19, 1586-1589 | 6.2 | 10 |
| 927 | Exploring acetylene chemistry in superbasic media: A theoretical study of the effect of water on vinylation and ethynylation reactions with acetylene in KOH/DMSO and NaOH/DMSO systems. *Journal of Physical Organic Chemistry*, **2017**, 30, e3669 | 2.1 | 15 |
| 926 | Four-Component Reaction between Secondary Phosphines, Primary Amines, Aldehydes, and Chalcogens: A Facile Access to Functionalized α-Aminophosphine Chalcogenides. *Synthesis*, **2017**, 49, 677-684 | 2.9 | 2 |
| 925 | (Propargylsulfanyl)-2-aza-1,3,5-trienes as a direct source for novel family of highly functionalized 4,5-dihydro-1,3-thiazoles. *Tetrahedron*, **2017**, 73, 1085-1097 | 2.4 | 5 |
| 924 | Regioselective N(2)-H-functionalization of thiosemicarbazones of aromatic and heteroaromatic aldehydes with acrylonitrile. *Synthetic Communications*, **2017**, 47, 159-168 | 1.7 | 4 |
| 923 | First example of one-pot assembly of tetrasubstituted thiophene with amino- and ester functions from methoxyallene, methyl isothiocyanate, and methyl 2-bromoacetate. *Russian Journal of Organic Chemistry*, **2017**, 53, 1272-1274 | 0.7 | |
| 922 | Nucleophilic Addition of Ketones To Acetylenes and Allenes: A Quantum-Chemical Insight. *Journal of Organic Chemistry*, **2017**, 82, 12467-12476 | 4.2 | 29 |
| 921 | Regio- and stereoselective N 2-functionalization with propanamide fragment of aromatic and heteroaromatic aldehydes thiosemicarbazones. *Russian Journal of Organic Chemistry*, **2017**, 53, 1226-1232 | 0.7 | 1 |
| 920 | Synthesis of Uniquely Functionalized Pyrrolines from Hydroxypyrrolines. *European Journal of Organic Chemistry*, **2017**, 2017, 4609-4616 | 3.2 | 5 |
| 919 | Catalyst- and Solvent-Free Addition of the P–H Species to Alkenes and Alkynes: A Green Methodology for C–P Bond Formation. *Synthesis*, **2017**, 49, 4783-4807 | 2.9 | 21 |
| 918 | Controlled synthesis of polyfunctionalized pyrrole and thiophene from the same precursor, methyl [(buta-2,3-dienimidoyl)sulfanyl]acetate. *Russian Journal of Organic Chemistry*, **2017**, 53, 1106-1108 | 0.7 | 2 |

| | | | |
|---|---|---|---|
| 917 | Phosphorylation of alkyl methanesulfonates with elemental phosphorus in a strongly basic medium: Synthesis of alkylphosphinic acids. *Russian Journal of General Chemistry*, **2017**, 87, 1876-1878 | 0.7 | |
| 916 | Metal-free C-H functionalization of 2H-imidazole 1-oxides with pyrrolyl fragments in the design of novel azaheterocyclic ensembles. *Organic and Biomolecular Chemistry*, **2017**, 15, 8280-8284 | 3.9 | 13 |
| 915 | A new access to tri(1-naphthyl)phosphine and its catalytically active palladacycles and luminescent Cu(I) complex. *Inorganic Chemistry Communication*, **2017**, 86, 94-97 | 3.1 | 7 |
| 914 | Chiroplasmonic magnetic gold nanocomposites produced by one-step aqueous method using κ-carrageenan. *Carbohydrate Polymers*, **2017**, 175, 18-26 | 10.3 | 22 |
| 913 | Multi-channel annulation of acetylene with 3-methyl-7,8-dihydrocinnolin-5(6H)-one oxime in the KOH/DMSO superbasic system. *Mendeleev Communications*, **2017**, 27, 344-345 | 1.9 | 5 |
| 912 | Size crystallographic effects for silver and gold nanoparticles dispersed in a biopolymer matrix. *Russian Journal of General Chemistry*, **2017**, 87, 2369-2375 | 0.7 | 5 |
| 911 | Transition-Metal-Free Synthesis of Pyrrolo[1,2-a]pyrazines via Intramolecular Cyclization of N-Propargyl(pyrrolyl)enaminones. *Synthesis*, **2017**, 49, 4065-4081 | 2.9 | 10 |
| 910 | Silver-containing nanocomposites with antioxidant activity based on humic substances of different origin. *Russian Chemical Bulletin*, **2017**, 66, 143-149 | 1.7 | 5 |
| 909 | Study of spontaneous E/Z isomerization of bis[(Z)-cyanomethylidene]-diazapentacyclodienedicarboxylates by H, C, and N NMR spectroscopy, X-ray, and quantum chemical calculation data. *Magnetic Resonance in Chemistry*, **2017**, 55, 563-569 | 2.1 | 6 |
| 908 | Pharmacological Correction of Hypoxic Conditions by Complexes of Zinc with N-Alkenylimidazoles. *BioNanoScience*, **2017**, 7, 338-339 | 3.4 | 1 |
| 907 | Synthesis of divinyl sulfide via addition of the hydrogen sulfide anion to acetylene in an alkaline metal hydroxide/DMSO superbasic system: A quantum-chemical insight. *Tetrahedron Letters*, **2017**, 58, 92-96 | 2 | 7 |
| 906 | Cycloadducts of methyl hydroxyalkynoates and DBU: Transformation into tethered furan-2(5H)-one and caprolactam structures. *Russian Journal of Organic Chemistry*, **2017**, 53, 1893-1895 | 0.7 | 3 |
| 905 | Unexpected Carbon–Selenium Bond Formation in the Reaction of Secondary Phosphine Selenides with Benzoylphenylacetylene. *Russian Journal of General Chemistry*, **2017**, 87, 2902-2903 | 0.7 | 1 |
| 904 | Synthesis of glycidyl propargyl ether. *Russian Journal of Organic Chemistry*, **2017**, 53, 1740-1741 | 0.7 | |
| 903 | Structural effect in the reductive vinylation/phosphorylation of pyridines with alkyl propiolates and secondary phosphine chalcogenides: protonation vs . zwitterion generation. *Mendeleev Communications*, **2017**, 27, 553-555 | 1.9 | 8 |
| 902 | Optical absorption of composite systems with silver nanoparticles dispersed in arabinogalactan and arabinogalactan-g-polypyrrole block copolymer matrices. *Bulletin of the Russian Academy of Sciences: Physics*, **2017**, 81, 1244-1250 | 0.4 | |
| 901 | Quantum chemical modeling of superbase-catalyzed reactions of acetophenone and methyl mesityl ketone with acetylene. *Russian Chemical Bulletin*, **2017**, 66, 2227-2233 | 1.7 | 2 |
| 900 | Propagator quantum chemical study of S-cis-(Z)-2-(2-formylethenyl)pyrrole: electronic structure and aspects of intramolecular hydrogen bond manifestation in ionization spectra. *Russian Chemical Bulletin*, **2017**, 66, 2241-2247 | 1.7 | |

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|---|---|---|---|
| 899 | Reaction of 2-methylquinoline with 3-phenylprop-2-ynenitrile in the KOHH2O system. *Russian Chemical Bulletin*, **2017**, 66, 2258-2263 | 1.7 | 6 |
| 898 | Synthesis and luminescent properties of water-soluble nanobiocomposite CdSe/polysaccharide quantum dots. *Russian Chemical Bulletin*, **2017**, 66, 2321-2326 | 1.7 | 3 |
| 897 | Influence of polysaccharide matrices of silver nanocomposites on their optical properties. *Russian Chemical Bulletin*, **2017**, 66, 2327-2332 | 1.7 | 1 |
| 896 | Development of Antimicrobial Nano-Selenium Biocomposite for Protecting Potatoes from Bacterial Phytopathogens. *Nanotechnologies in Russia*, **2017**, 12, 553-558 | 0.6 | 10 |
| 895 | Synthesis and Optical Properties of meso-CF3-BODIPY with Acylethynyl Substituents in the 3-Position of the Indacene Core. *Asian Journal of Organic Chemistry*, **2016**, 5, 1288-1294 | 3 | 14 |
| 894 | Transition-Metal Free Mechanochemical Approach to Polyyne Substituted Pyrroles. *Journal of Organic Chemistry*, **2016**, 81, 9188-9198 | 4.2 | 21 |
| 893 | Synthesis of 5-hydroxy-1-pyrrolines from sec-alkyl aryl ketoximes and acetylene. *Tetrahedron*, **2016**, 72, 6661-6667 | 2.4 | 10 |
| 892 | Alkanethiol-promoted stereoselective radical rearrangement of 7-methylidene-6,8-dioxabicyclo[3.2.1]octanes to 2-acetyl-3,4-dihydropyrans. *Russian Journal of Organic Chemistry*, **2016**, 52, 1056-1058 | 0.7 | |
| 891 | Reaction of 9-bromoanthracene with red phosphorus in the system KOH-DMSO. *Russian Journal of Organic Chemistry*, **2016**, 52, 1059-1061 | 0.7 | 2 |
| 890 | Aluminium oxide-mediated cross-coupling of pyrroles with 1-bromo-2-(trifluoroacetyl)acetylene: a quantum-chemical insight. *Mendeleev Communications*, **2016**, 26, 480-482 | 1.9 | 11 |
| 889 | New heterospin chain-polymers based on Cu(hfac)2 complex with TEMPO derivatives bearing (oxy)acrylate moiety: Synthesis, structural and magnetic properties. *Polyhedron*, **2016**, 119, 293-299 | 2.7 | 9 |
| 888 | One-pot regio- and stereoselective synthesis of tertiary phosphine chalcogenides with (E)-N-ethenyl-1,2-dihydroquinoline functionalities. *Tetrahedron Letters*, **2016**, 57, 3776-3780 | 2 | 10 |
| 887 | Synthesis of functionalized 2,2?- and 2,3?-bipyrroles via 3-imino-3H-pyrrolizine-2-carbonitriles. *Tetrahedron Letters*, **2016**, 57, 3652-3656 | 2 | 5 |
| 886 | Organic Superbases in Annulation with Propargylic Alcohols: Straightforward Synthesis of the Functionalized Oxazolopyrrolohexahydropyrimidine and Oxazolohexahydropyrimidoazepine Scaffolds. *European Journal of Organic Chemistry*, **2016**, 2016, 5465-5469 | 3.2 | 11 |
| 885 | Direct functionalization of the CH bond in (hetero)arenes: aerobic photoinduced oxidative coupling of azines with aromatic nucleophiles (SN H-reactions) in the presence of a CdS/TiO2 photocatalyst. *Russian Chemical Bulletin*, **2016**, 65, 445-450 | 1.7 | 7 |
| 884 | Formation mechanism and conformational structure of 2,3,4-trimethyl-1,5-di(thiophen-2-yl)pentane-1,5-dione: quantum chemical study. *Russian Chemical Bulletin*, **2016**, 65, 394-400 | 1.7 | 1 |
| 883 | (Imidazol-2-yl)methyl-1,3-propanediones: Regioselective CH Functionalization of the Imidazole Ring by Acylacetylene/Aldehyde Pairs. *European Journal of Organic Chemistry*, **2016**, 2016, 1199-1204 | 3.2 | 5 |
| 882 | Unexpected acid-catalyzed ferrocenylmethylation of diverse nucleophiles with vinyloxymethylferrocene. *Tetrahedron*, **2016**, 72, 4414-4422 | 2.4 | 12 |

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|---|---|---|---|
| 881 | Polycyclic bridgehead acetals with enol functionality: one-pot assembly from aliphatic ketones and acetylene in KOH/DMSO suspension. *Tetrahedron*, **2016**, 72, 4510-4517 | 2.4 | 7 |
| 880 | First example of noncatalytic C2H functionalization of imidazole ring with an alkoxy enone system. *Russian Journal of Organic Chemistry*, **2016**, 52, 602-604 | 0.7 | 1 |
| 879 | Synthesis of 5-hydroxy-1-pyrrolines from aryl isoalkyl ketoximes and acetylene in a tuned superbase medium. *Tetrahedron Letters*, **2016**, 57, 3156-3159 | 2 | 10 |
| 878 | A Facile Linking of the Pyrrole Ring with Functionalized 3(2H)-Furanone Moieties. *Synthesis*, **2016**, 48, 271-280 | 2.9 | 5 |
| 877 | Effect of metal nanoparticles on the thermal stability and conductivity of nanocomposites. *Bulletin of the Russian Academy of Sciences: Physics*, **2016**, 80, 49-54 | 0.4 | 4 |
| 876 | Reaction of elemental phosphorus with methylstyrenes: one-pot synthesis of secondary and tertiary phosphines, prospective bulky ligands for Pd(II) catalysts. *Tetrahedron*, **2016**, 72, 443-450 | 2.4 | 9 |
| 875 | Tuning BODIPY molecular rotors into the red: sensitivity to viscosity vs. temperature. *Journal of Materials Chemistry C*, **2016**, 4, 2828-2833 | 7.1 | 35 |
| 874 | Toward accessible 3H-pyrroles. *Arkivoc*, **2016**, 2016, 161-171 | 0.9 | 12 |
| 873 | Reaction of imidazole derivatives with trifluoromethylated arylacetylenes. *Journal of Fluorine Chemistry*, **2016**, 188, 157-163 | 2.1 | 2 |
| 872 | One-pot synthesis of polyfluoroalkylphosphonylated dihydropyridines with a carboxylate function from pyridines, alkyl propiolates, and bis(fluoroalkyl) phosphonates. *Tetrahedron Letters*, **2016**, 57, 3515-3517 | 2 | 3 |
| 871 | Non-catalyzed addition of secondary phosphine chalcogenides to divinyl chalcogenides under solvent-free conditions. *Journal of Sulfur Chemistry*, **2016**, 37, 488-500 | 2.3 | 2 |
| 870 | Direct phosphorylation of fullerene C60 with phosphine. *Doklady Chemistry*, **2016**, 471, 321-324 | 0.8 | 1 |
| 869 | Noncatalytic addition of secondary phosphines to vinyl selenides. *Russian Journal of Organic Chemistry*, **2016**, 52, 1511-1513 | 0.7 | 2 |
| 868 | Stereo sensitivity of exchange interactions in NiII and CuII heterospin complexes with 5-formylpyrrolyl-substituted nitroxides. *Russian Chemical Bulletin*, **2016**, 65, 666-674 | 1.7 | 4 |
| 867 | Environmentally benign (Green) synthesis of Cobazole, an efficient erythropoiesis-stimulating agent. *Doklady Chemistry*, **2016**, 471, 360-361 | 0.8 | 1 |
| 866 | Opening of the pyridine ring in the system 1,1,1-trifluoro-4-phenylbut-3-yn-2-one–water. Stereoselective synthesis of 5-{[(1Z)-4,4,4-trifluoro-3-oxo-1-phenylbut-1-en-1-yl]amino}penta-2,4-dienal. *Russian Journal of* | 0.7 | 7 |
| 865 | Aromatization of 5-phenyl-2-[(vinyloxy)methyl]-2,3-dihydropyridine via concurrent elimination of hydrogen and vinyl alcohol under the action of the system t-BuOK–DMSO. *Russian Journal of General Chemistry*, **2016**, 86, 2551-2554 | 0.7 | |
| 864 | Oligomerization of N-vinylpyrroles under the action of iodine. *Polymer Science - Series B*, **2016**, 58, 681-688 | 0.8 | |

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|---|---|---|---|
| 863 | Cross-coupling of propargylated arabinogalactan with 2-bromothiophene. *Carbohydrate Polymers*, **2016**, 150, 82-8 | 10.3 | 5 |
| 862 | Insertion of 1,3-diphenylprop-2-yn-1-one into imidazo[4,5-b]pyridines in the presence of water: one-pot synthesis of pyrido[2,3-b][1,4]diazocin-9-ones. *Mendeleev Communications*, **2016**, 26, 16-18 | 1.9 | 7 |
| 861 | Synthesis of Acyl Terphenyls and Higher Polyaromatics via Base-Promoted C-H Functionalization of Acetylarenes with Arylacetylenes. *Organic Letters*, **2016**, 18, 2158-61 | 6.2 | 19 |
| 860 | N -Vinyl-2-(trifluoroacetylethynyl)pyrroles and E -2-(1-bromo-2-trifluoroacetylethenyl)pyrroles: Cross-coupling vs. addition during C H-functionalization of pyrroles with bromotrifluoroacetylacetylene in solid Al 2 O 3 medium. H-bonding control. *Journal of Fluorine Chemistry*, **2016**, 186, 1-6 | 2.1 | 11 |
| 859 | Organocatalyzed Microwave-Assisted Competing Cyclization of Cyanopropargylic Alcohols with Carboxylic Acids: 4-Cyano-3(2H)-furanones versus 4-Cyano-[(Z)-3-cyanomethylene]-2,3-dihydrofurans. *Synthesis*, **2016**, 48, 1880-1891 | 2.9 | 5 |
| 858 | Steric control of regiodirectivity of reductive N-vinylation/P-phosphorylation of pyridines with the system alkyl propiolates/secondary phosphine oxide. *Russian Journal of General Chemistry*, **2016**, 86, 731-734 | 0.7 | 3 |
| 857 | Base-catalyzed cascade dimerization of 1-aryl-2-en-1-ones into acylated terphenyls. *Mendeleev Communications*, **2016**, 26, 378-379 | 1.9 | 4 |
| 856 | Luminescent CuI thiocyanate complexes based on tris(2-pyridyl)phosphine and its oxide: from mono-, di- and trinuclear species to coordination polymers. *New Journal of Chemistry*, **2016**, 40, 10028-10040 | 3.6 | 23 |
| 855 | Pyrrole acetylenecarbaldehydes: an entry to a novel class of functionalized pyrroles. *Tetrahedron Letters*, **2016**, 57, 4961-4964 | 2 | 5 |
| 854 | Reaction of aryl(diarylphosphoryl)methanols with alkyl propiolates. Regio- and stereoselective synthesis of functional vinyl ethers. *Russian Journal of Organic Chemistry*, **2016**, 52, 772-776 | 0.7 | 3 |
| 853 | One-Pot Synthesis and Intramolecular Cyclization of 5-(Prop-2-ynylsulfanyl)-1H-pyrrol-2-amines: A Simple Approach to 2,7-Dihydrothiopyrano[2,3-b]pyrrol-6-amines. *Synthesis*, **2016**, 48, 4278-4294 | 2.9 | 7 |
| 852 | Synthesis of tris[2-(2-furyl)ethyl]phosphine its chalcogenides and Pdii complex. *Mendeleev Communications*, **2016**, 26, 314-316 | 1.9 | 4 |
| 851 | First Examples of the Atherton-Todd-Like Reaction in the Absence of Bases. *Heteroatom Chemistry*, **2016**, 27, 44-47 | 1.2 | 4 |
| 850 | Straightforward Solvent-Free Synthesis of Tertiary Phosphine Chalcogenides from Secondary Phosphines, Electron-Rich Alkenes, and Elemental Sulfur or Selenium. *Heteroatom Chemistry*, **2016**, 27, 48-53 | 1.2 | 7 |
| 849 | P-C Bond Cleavage by Hydroxyl Function during the Addition of Tris(2-pyridyl)phosphine to Cyanopropargylic Alcohols in Water. *Heteroatom Chemistry*, **2015**, 26, 231-235 | 1.2 | 3 |
| 848 | First synthesis of pyrrolylpyridines from alkynes and isothiocyanates. *Russian Journal of Organic Chemistry*, **2015**, 51, 132-135 | 0.7 | 3 |
| 847 | C-vinylation of enolates with acetylenes in a one-pot synthesis of 4,5-dihydro-1H-pyrazole-1-carbothioamides. *Russian Journal of Organic Chemistry*, **2015**, 51, 136-138 | 0.7 | 2 |
| 846 | Dual reactivity of secondary phosphines and their chalcogenides towards 1-(vinyloxy)alkylferrocenes: the switch between P- and O-addition. *Tetrahedron*, **2015**, 71, 1998-2003 | 2.4 | 5 |

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|---|---|---|---|
| 845 | Features of gold nanoparticle formation in matrices of humic substances of different origin. *Doklady Chemistry*, **2015**, 460, 13-16 | 0.8 | 7 |
| 844 | The reaction of 1,5,6-trimethylbenzimidazole with 1,3-diphenylprop-2-yn-1-one and water: en route to β-amino enones and benzodiazocinones. *Mendeleev Communications*, **2015**, 25, 254-256 | 1.9 | 5 |
| 843 | Green synthesis of tertiary alkylselanylphosphine chalcogenides via catalyst- and solvent-free addition of secondary phosphine chalcogenides to vinyl selenides. *Journal of Sulfur Chemistry*, **2015**, 36, 526-534 | 2.3 | 7 |
| 842 | One-pot reductive N-vinylation and C(4)-phosphorylation of pyridines with alkyl propiolates and secondary phosphine chalcogenides. *Tetrahedron Letters*, **2015**, 56, 4804-4806 | 2 | 15 |
| 841 | First example of 2,3-dihydropyridines aromatization through hemiacetal elimination. *Russian Journal of Organic Chemistry*, **2015**, 51, 740-743 | 0.7 | 2 |
| 840 | Topochemical mechanoactivated phosphonylethynylation of pyrroles with chloroethynylphosphonates on solid Al2O3 or K2CO3 media. *Tetrahedron Letters*, **2015**, 56, 4657-4660 | 2 | 13 |
| 839 | Complex effects of selenium-arabinogalactan nanocomposite on both phytopathogen Clavibacter michiganensis subsp. sepedonicus and potato plants. *Nanotechnologies in Russia*, **2015**, 10, 484-491 | 0.6 | 17 |
| 838 | Catalyst- and Solvent-Free Rapid Addition of Secondary Phosphine Chalcogenides to Aldehydes: Another Click Chemistry. *Synthesis*, **2015**, 47, 1611-1622 | 2.9 | 20 |
| 837 | Reaction of 1-substituted benzimidazoles with acylacetylenes and water: ring-opening versus ring-expansion and isotopic effect of deuterium. *Tetrahedron*, **2015**, 71, 2891-2899 | 2.4 | 7 |
| 836 | 3H-Pyrroles from ketoximes and acetylene: synthesis, stability and quantum-chemical insight. *Tetrahedron*, **2015**, 71, 3273-3281 | 2.4 | 20 |
| 835 | Base-catalyzed addition of ketones to alkynes as a springboard to cycloalka[c]pyrazoline-2-carbaldehydes. *Chemistry of Heterocyclic Compounds*, **2015**, 51, 242-245 | 1.4 | 3 |
| 834 | Chlorination of secondary phosphine chalcogenides with carbon tetrachloride in the absence of bases. *Russian Journal of General Chemistry*, **2015**, 85, 380-382 | 0.7 | 3 |
| 833 | Nanocomposites of silver with arabinogalactan sulfate: Preparation, structure, and antimicrobial activity. *Russian Journal of General Chemistry*, **2015**, 85, 477-484 | 0.7 | 13 |
| 832 | Metal-polymer nanobiocomposites with galactose-containing stabilizing matrices: Dimensional effect in changes of molar mass parameters. *Russian Journal of General Chemistry*, **2015**, 85, 488-496 | 0.7 | 8 |
| 831 | First example of favorskii ethynylation of pyrrolecarbaldehydes: Synthesis of 1-(1-methyl-1H-pyrrol-2-yl)prop-2-yn-1-ol. *Russian Journal of Organic Chemistry*, **2015**, 51, 51-53 | 0.7 | 2 |
| 830 | Aromatization of 2,3-dihydropyridines controlled with substituents. *Russian Journal of Organic Chemistry*, **2015**, 51, 281-283 | 0.7 | 4 |
| 829 | Quantum chemical study of the stereoselectivity of nucleophilic addition of 2-methylcyclohexanone to phenylacetylene. *Doklady Chemistry*, **2015**, 461, 100-103 | 0.8 | 1 |
| 828 | Expedient Route to Chalcogenophosphinates with Glucose Moieties via Todd-Atherton-Like Coupling between Secondary Phosphine Chalcogenides and Diacetone-d-Glucose in the CCl4/Et3N System. *Heteroatom Chemistry*, **2015**, 26, 329-334 | 1.2 | 6 |

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|---|---|---|---|
| 827 | Base-Catalyzed Addition of Ketones to Alkynes as a Key Step in the One-Pot Synthesis of 1-Formyl-2-pyrazolines. *Synthesis*, **2015**, 47, 1329-1336 | 2.9 | 6 |
| 826 | Nucleophilic addition to acetylenes in superbasic catalytic systems: XVIII. Vinylation of phenols and naphthols with acetylene. *Russian Journal of Organic Chemistry*, **2015**, 51, 188-194 | 0.7 | 7 |
| 825 | Reaction of (het)aryl cyclohexyl ketoximes with acetylene in the two-phase KOH/DMSO/n-hexane system: en route to spirocyclic 3H-pyrroles. *Mendeleev Communications*, **2015**, 25, 129-130 | 1.9 | 4 |
| 824 | Nanobiocomposite based on selenium and arabinogalactan: Synthesis, structure, and application. *Russian Journal of General Chemistry*, **2015**, 85, 485-487 | 0.7 | 11 |
| 823 | Base-catalyzed vinylation of ketones with acetylenes as a key step in one-pot synthesis of pyrazolines and pyrazoles. *Mendeleev Communications*, **2015**, 25, 131-132 | 1.9 | 12 |
| 822 | Catalyst- and Solvent-Free Stereoselective Addition of Secondary Phosphine Chalcogenides to Alkynes. *Synthesis*, **2015**, 47, 263-271 | 2.9 | 11 |
| 821 | Simple synthesis of O-(2-Chloroprop-2-enyl)ketoximes. *Russian Journal of Organic Chemistry*, **2015**, 51, 1177-1179 | 0.7 | |
| 820 | Synthesis of new N-phosphorylated vinylhydropyridines. *Russian Journal of General Chemistry*, **2015**, 85, 1978-1981 | 0.7 | 4 |
| 819 | A short-cut to 2,7-dihydrothiopyrano[2,3-b]pyrrole. *Journal of Sulfur Chemistry*, **2015**, 36, 630-636 | 2.3 | 2 |
| 818 | Formation of 2-ethynyl-3,4-dihydro-2H-pyrroles in the synthesis of 3H-pyrroles from ketoximes and acetylene in the system KOH–DMSO–hexane. *Russian Journal of Organic Chemistry*, **2015**, 51, 1346-1348 | 0.7 | 6 |
| 817 | Opening of pyridine ring with benzoyl(phenyl)acetylene in the presence of water with formation of 5-aminopenta-2,4-dienal. *Russian Journal of Organic Chemistry*, **2015**, 51, 1038-1039 | 0.7 | 5 |
| 816 | Direct synthesis of butadiynyl-substituted pyrroles under solvent- and transition metal-free conditions. *RSC Advances*, **2015**, 5, 73241-73248 | 3.7 | 22 |
| 815 | Alkyland arylketone reactions with phenylacetylene promoted by KOH–DMSO superbase: a quantum chemical study. *Russian Chemical Bulletin*, **2015**, 64, 518-524 | 1.7 | 9 |
| 814 | Unexpected reaction of 9-acetylanthracene with acetylene in a suspension of potassium hydroxide in DMSO. *Russian Journal of Organic Chemistry*, **2015**, 51, 1508-1509 | 0.7 | |
| 813 | Expedient one-pot synthesis of pyrroles from ketones, hydroxylamine, and 1,2-dichloroethane. *Tetrahedron*, **2015**, 71, 124-128 | 2.4 | 15 |
| 812 | Regioselective Addition of Dithiophosphinic Acids to Vinyl Sulfides and Selenides: An Efficient Route Toward Functional Dithiophosphinates. *Heteroatom Chemistry*, **2015**, 26, 72-78 | 1.2 | 3 |
| 811 | Modification of arabinogalactan propargyl ethers by triazolyl functions. *Carbohydrate Polymers*, **2015**, 115, 294-304 | 10.3 | 9 |
| 810 | Bacterio- and lymphocytotoxicity of silver nanocomposite with sulfated arabinogalactan. *Russian Chemical Bulletin*, **2015**, 64, 1629-1632 | 1.7 | 9 |

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|---|---|---|---|
| 809 | First example of direct phosphorylation of vinyl silanes with elemental phosphorus in superbasic media. *Russian Journal of General Chemistry*, **2015**, 85, 2416-2417 | 0.7 | 2 |
| 808 | Cascade assembly of frontalin derivatives from cyclohexanone and acetylene in the system KOH-DMSO. *Russian Journal of Organic Chemistry*, **2015**, 51, 1799-1800 | 0.7 | |
| 807 | Electrical conductivity of copolymers of 1-vinyl-1,2,4-triazole with N-vinyl-4,5,6,7-tetrahydroindole. *Russian Chemical Bulletin*, **2015**, 64, 2141-2144 | 1.7 | 2 |
| 806 | Ring-Opening of Pyridines with Acyl□acetylenes and Water: Straightforward Access to 5-[(Z)-Acylethenyl]amino-2,4-pentadienals. *European Journal of Organic Chemistry*, **2015**, 2015, 7876-7879 | 2.2 | 10 |
| 805 | Furans Conjugated with Bulky Aromatic Systems: One-Pot Synthesis from Ketones and Acetylene. *Chemistry - A European Journal*, **2015**, 21, 15944-6 | 4.8 | 13 |
| 804 | An Expedient Access to □Ketophosphine Chalcogenides via the Chemo- and Regioselective Addition of Secondary Phosphine Chalcogenides to □Ethylenic Ketones. *Heteroatom Chemistry*, **2015**, 26, 455-462 | 1.2 | 2 |
| 803 | 2-(1-Hydroxypropyn-2-yl)-1-vinylpyrroles: the first successful Favorsky ethynylation of pyrrolecarbaldehydes. *Beilstein Journal of Organic Chemistry*, **2015**, 11, 228-32 | 2.5 | 5 |
| 802 | Aerobic addition of secondary phosphine oxides to vinyl sulfides: a shortcut to 1-hydroxy-2-(organosulfanyl)ethyl(diorganyl)phosphine oxides. *Beilstein Journal of Organic Chemistry*, **2015**, 11, 1985-90 | 2.5 | 7 |
| 801 | Expedient Strategy for the Synthesis of 5-Acylethynylpyrrole-2-carbaldehydes. *Synthetic Communications*, **2015**, 45, 1652-1661 | 1.7 | 2 |
| 800 | Unexpected N,N□coordination of tris(2-pyridyl)-phosphine chalcogenides to PdCl2. *Mendeleev Communications*, **2015**, 25, 196-198 | 1.9 | 12 |
| 799 | Effect of selenium and arabinogalactan nanocomposite on viability of the phytopathogen Clavibacter michiganensis subsp. sepedonicus. *Doklady Biological Sciences*, **2015**, 461, 89-91 | 0.9 | 11 |
| 798 | Synthesis and properties of a new family of phosphorus- and nitrogen-containing ionenes. *Doklady Chemistry*, **2015**, 465, 286-290 | 0.8 | 4 |
| 797 | Penta-O-{1-[2-(glycidyloxy)ethoxy]ethyl}-d-glucopyranose: synthesis and application for the preservation of cardiovascular bioprostheses. *Russian Chemical Bulletin*, **2015**, 64, 1451-1457 | 1.7 | 1 |
| 796 | Expedient Access to Functionalized Furan/3(2H)-furanone Ensembles via Microwave-Assisted Domino Reactions. *Synthetic Communications*, **2015**, 45, 2718-2729 | 1.7 | 7 |
| 795 | Further Developments in the Reaction of 2-Aza-1,3,5-trienes with Superbases: Competitive Formation of New 4,5-Dihydro-1,3-thiazoles, Dihydroazepines, and Azepines by Tandem Deprotonation□Cyclization. *Synthesis*, **2015**, 47, 3593-3610 | 2.9 | 4 |
| 794 | Quantum chemical study of mechanisms of organic reactions. *Russian Chemical Bulletin*, **2015**, 64, 511-517 | 1.7 | 4 |
| 793 | Reaction of 2-(2,2-dicyano-1-ethylsulfanylethenyl)pyrroles with aniline: a route to 1-anilino-3-iminopyrrolizine-2-carbonitriles and 2-(1-anilino-2,2-dicyanoethenyl)pyrroles. *Journal of Sulfur Chemistry*, **2015**, 36, 145-154 | 2.3 | 4 |
| 792 | Electrophilic addition of thioselenophosphinic acids to vinyl sulfides and selenides. *Journal of Sulfur Chemistry*, **2015**, 36, 216-226 | 2.3 | 4 |

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|---|---|---|---|
| 791 | Atom-economic synthesis of highly branched functional tripod-like triphosphine sulfides. *Journal of Sulfur Chemistry*, **2015**, 36, 227-233 | 2.3 | 1 |
| 790 | Complexation of tris(2-pyridyl)phosphine chalcogenides with copper(I) halides: The selective formation of scorpionate complexes, [Cu(N,N?,N?-2-Py3PX)Hal] (X=O, S and Se). *Polyhedron*, **2015**, 90, 1-6 | 2.7 | 8 |
| 789 | Domino assembly of functionalized cyclopentenols from 1,5-diphenylpentane-1,5-dione and phenylacetylene in the KOH/DMSO suspension. *Mendeleev Communications*, **2015**, 25, 17-18 | 1.9 | 4 |
| 788 | Hydrative trimerization of acetylene into 2-vinyloxy-1,3-butadiene in the KOH/DMSO system: a quantum chemical insight. *Tetrahedron Letters*, **2015**, 56, 1063-1066 | 2 | 5 |
| 787 | Expedient nonclassical reaction of acetylenes with ketones: controlling the switch between bicyclic ketals and cyclopentenols formation. *Arkivoc*, **2015**, 2015, 145-157 | 0.9 | 4 |
| 786 | Radical copolymerization of 1-vinyl-1,2,4-triazole with methacrylic acid. *Doklady Chemistry*, **2014**, 454, 17-18 | 0.8 | |
| 785 | Reaction of Vinyl Selenides with Secondary Phosphines and Elemental Selenium: One-Pot Selective Synthesis of a New Family of DiselenophosphinicSe-Esters. *Heteroatom Chemistry*, **2014**, 25, 135-139 | 1.2 | 7 |
| 784 | Facile Non-Catalyzed Synthesis of Tertiary Phosphine Sulfides by Regioselective Addition of Secondary Phosphine Sulfides to Alkenes. *European Journal of Organic Chemistry*, **2014**, 2014, 2516-2521 | 3.2 | 14 |
| 783 | Dinuclear gold(I) dithio- and diselenophosph(in)ate complexes forming mononuclear gold(III) oxidative addition complexes and reversible chemical reductive elimination products. *Dalton Transactions*, **2014**, 43, 663-70 | 4.3 | 12 |
| 782 | Synthesis of 3,3-dimethyl-2-phenyl-3H-pyrrole from Isopropyl Phenyl Ketoxime and Acetylene: A Side Formation of 4,4-dimethyl-5-phenyl-1-vinyl-2-pyrrolidinone as Clue to the Reaction Mechanism. *Mendeleev Communications*, **2014**, 24, 100-101 | 1.9 | 9 |
| 781 | A simple route to dithiophosphinic esters and diesters from secondary phosphine sulfides and thiols or dithiols. *Journal of Sulfur Chemistry*, **2014**, 35, 237-247 | 2.3 | 3 |
| 780 | Functional copolymers containing triazole and carboxylic groups. *Doklady Chemistry*, **2014**, 454, 42-45 | 0.8 | 1 |
| 779 | Three-component reaction of imidazoles, cyanophenylacetylene, and chalcogens: stereoselective synthesis of 3-alkenyl-2-imidazolethiones and -selones. *Tetrahedron*, **2014**, 70, 1091-1098 | 2.4 | 13 |
| 778 | Microwave synthesis of secondary phosphines and phosphine oxides from red phosphorus and allyl(methoxy)benzenes in KOH-DMSO. *Russian Journal of Organic Chemistry*, **2014**, 50, 1438-1442 | 0.7 | 4 |
| 777 | Ethynylation of 2-(furan-2-yl)- and 2-(thiophen-2-yl)pyrroles with acylbromoacetylenes in the Al2O3 medium: relative reactivity of heterocycles. *Tetrahedron*, **2014**, 70, 9506-9511 | 2.4 | 11 |
| 776 | Polymerization of N-vinylpyrroles: Recent achievements. *Polymer Science - Series B*, **2014**, 56, 443-463 | 0.8 | 2 |
| 775 | Quantum-chemical study of the stereoselectivity of methanethiol nucleophilic addition to substituted acetylenes in KOH/DMSO superbasic medium. *Doklady Chemistry*, **2014**, 456, 91-93 | 0.8 | 3 |
| 774 | New nanobiocomposites of ammonium magnesium phosphate and carrageenan as efficient prebiotics. *Doklady Chemistry*, **2014**, 457, 144-147 | 0.8 | 9 |

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|---|---|---|---|
| 773 | Diastereoselective self-organization of acetylene and acetophenone molecules into 1-benzoyl-3-hydroxy-cyclopentene in the presence of potassium hydroxide. *Russian Journal of Organic Chemistry*, **2014**, 50, 1207-1209 | 0.7 | 1 |
| 772 | Synthesis of 5-Trifluoroacetylpyrrole-2-Carbaldehydes*. *Chemistry of Heterocyclic Compounds*, **2014**, 50, 941-945 | 1.4 | 1 |
| 771 | DFT study and dynamic NMR evidence for cis-trans conformational isomerism in square planar Ni(II) thioselenophosphinate, Ni(SeSPPh2)2. *Journal of Organometallic Chemistry*, **2014**, 768, 151-156 | 2.3 | 10 |
| 770 | A theoretical study of acetone reactions with acetylene and phenylacetylene in the KOH/DMSO superbasic system. *Doklady Chemistry*, **2014**, 457, 126-128 | 0.8 | 8 |
| 769 | Reactions of acetylenes in superbasic media. Recent advances. *Russian Chemical Reviews*, **2014**, 83, 600-619 | 6.8 | 37 |
| 768 | C-Ethynylpyrroles: synthesis and reactivity. *Russian Chemical Reviews*, **2014**, 83, 475-501 | 6.8 | 20 |
| 767 | Stereoselective Synthesis of N-[(Z)-2-Cyano-1-Phenylethenyl]Benzimidazole-2-Carbothioamides by a Three-Component Reaction of 1-Substituted Benzimidazoles, Phenylcyanoacetylene, and Isothiocyanates. *Chemistry of Heterocyclic Compounds*, **2014**, 50, 807-813 | 1.4 | 4 |
| 766 | Dipole moments and conformational analysis of tris(2-pyridyl)phosphine and tris(2-pyridyl)phosphine chalcogenides. Experimental and theoretical study. *Journal of Molecular Structure*, **2014**, 1076, 285-290 | 3.4 | 3 |
| 765 | Vinylation of trialkylamines with acyl- and cyanoacetylenes via CN bond cleavage in the presence of water. *Mendeleev Communications*, **2014**, 24, 209-210 | 1.9 | 3 |
| 764 | Reaction of hydroxyflavones with secondary phosphine chalcogenides in the CCl4/Et3N system: synthesis of a new family of phosphorylated flavonoids. *Tetrahedron Letters*, **2014**, 55, 4927-4929 | 2 | 6 |
| 763 | Base-catalyzed domino cyclization of acetylenes with ketones to functionalized cyclopentenes. *Organic Letters*, **2014**, 16, 4040-3 | 6.2 | 20 |
| 762 | Modification of guanosine with cyanopropargylic alcohols. *Tetrahedron Letters*, **2014**, 55, 5426-5429 | 2 | 3 |
| 761 | Reaction of Tri(2-pyridyl)phosphine with Electron-Deficient Alkynes in Water: Stereoselective Synthesis of Functionalized Pyridylvinylphosphine Oxides. *European Journal of Organic Chemistry*, **2014**, 2014, 639-643 | 3.2 | 6 |
| 760 | Copolymers of 1-vinyl-1,2,4-triazole with acrylic acid. *Doklady Chemistry*, **2014**, 454, 36-38 | 0.8 | |
| 759 | Synthesis of silver-containing nanocomposites based on humic substances of brown coal and their antioxidant activity. *Doklady Chemistry*, **2014**, 456, 72-75 | 0.8 | 11 |
| 758 | Preparation and properties of polyvinylenepolysulfides based on trichloroethene and sodium polysulfides. *Russian Journal of General Chemistry*, **2014**, 84, 892-900 | 0.7 | 1 |
| 757 | Composite proton-conducting membranes based on poly(ethylene glycol vinyl glycidyl ether). *Polymer Science - Series B*, **2014**, 56, 229-237 | 0.8 | 1 |
| 756 | Structural reorganization of (allyl-, benzyl-, and propargylsulfanyl)-substituted 2-aza-1,3,5-trienes in t-BuOK/THF/DMSO: access to rare functionalized 2-thiazolines. *Tetrahedron Letters*, **2014**, 55, 2495-2498 | 2 | 10 |

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|---|---|---|---|
| 755 | Alkynylation of Aldehydes and Ketones Using the Bu4NOH/H2O/DMSO Catalytic Composition: A Wide-Scope Methodology. *European Journal of Organic Chemistry*, **2014**, 2014, 4663-4670 | 3.2 | 16 |
| 754 | From 4,5,6,7-tetrahydroindoles to 3- or 5-(4,5,6,7-tetrahydroindol-2-yl)isoxazoles in two steps: a regioselective switch between 3- and 5-isomers. *Tetrahedron*, **2014**, 70, 5168-5174 | 2.4 | 17 |
| 753 | Tuneable superbase-catalyzed vinylation of -hydroxyalkylferrocenes with alkynes. *Tetrahedron*, **2014**, 70, 5954-5960 | 2.4 | 11 |
| 752 | Acetylene phosphorylation with elemental phosphorus in the KOH-DMSO system. *Russian Journal of General Chemistry*, **2014**, 84, 2401-2404 | 0.7 | 2 |
| 751 | One-pot synthesis of pyrroles from ketones, hydroxylamine, and 1,2-dibromoethane in the system KOH-DMSO. *Russian Journal of Organic Chemistry*, **2014**, 50, 1775-1778 | 0.7 | 8 |
| 750 | Synthesis of Functional Tripodal Phosphines with Amino and Ether Groups by the Hydrophosphination of Trivinyl Ethers with Secondary Phosphines. *Synthesis*, **2014**, 46, 653-659 | 2.9 | 7 |
| 749 | Catalyst-Free and Solvent-Free Addition of P(Se)H Species to Alkenes: A Straightforward Access to Tertiary Phosphine Selenides. *Synthesis*, **2014**, 46, 2656-2662 | 2.9 | 11 |
| 748 | 2-(2-Ethynyl-1-aziranyl)-3,4-dihydro-2H-pyrrole: a one-pot assembly from isopropyl phenyl ketoxime and acetylene during the synthesis of 3H-pyrrole. *Mendeleev Communications*, **2014**, 24, 368-369 | 1.9 | 2 |
| 747 | One-pot stereoselective tandem assembly of functionalized furan-3(2H)-one from -hydroxyalk-2-ynenitriles and 3-hydroxybenzoic acid. *Russian Journal of Organic Chemistry*, **2014**, 50, 1617-1620 | 0.7 | 3 |
| 746 | Prebiotic effect of native noncovalent arabinogalactan–flavonoid conjugates on bifidobacteria. *Russian Chemical Bulletin*, **2014**, 63, 2189-2194 | 1.7 | 8 |
| 745 | Assemblage of 1-hydroxy-2-cyclopentene and 7-methylene-6,8-dioxabicyclo[3.2.1]octane from acetylene and 4-acetylpyridine molecules in a suspension of KOH-DMSO. *Russian Chemical Bulletin*, **2014**, 63, 2402-2404 | 1.7 | 1 |
| 744 | Reaction of secondary phosphine chalcogenides with diallylamine. *Russian Journal of General Chemistry*, **2014**, 84, 1742-1747 | 0.7 | 2 |
| 743 | Unexpected formation of methylsulfanylmethyl phenyl ether at vinylation of phenol with acetylene in the K2CO3-DMSO system. *Russian Journal of Organic Chemistry*, **2014**, 50, 1199-1200 | 0.7 | 4 |
| 742 | 2,4-Diphenylpyrido[2,1-a]isoquinolinium nitrite from the domino reaction between isoquinoline, 1,3-diphenylprop-2-yn-1-one and nitromethane. *Mendeleev Communications*, **2014**, 24, 156-158 | 1.9 | 2 |
| 741 | A shortcut to tris[2-(4-hydroxyphenyl)ethyl]phosphine oxide and 2-(4-hydroxyphenyl)ethylphosphinic acid via reaction of elemental phosphorus with 4-tert-butoxystyrene. *Mendeleev Communications*, **2014**, 24, 29-31 | 1.9 | 5 |
| 740 | A quantum chemical study of the mechanism of the regioselective domino-reaction of O-vinyl-2-tetralone oxime. *Journal of Structural Chemistry*, **2013**, 54, 17-25 | 0.9 | 3 |
| 739 | Rheological properties of an original pharmaceutical composition of a nanostructured silver system stabilized by arabinogalactan. *Pharmaceutical Chemistry Journal*, **2013**, 47, 99-102 | 0.9 | |
| 738 | A three-component reaction between 1-substituted-2-methylimidazoles, cyanophenylacetylene, and various aldehydes: stereoselective synthesis of (Z)-(2-cyano-1-phenyl)vinyl ethers of 2-(2-hydroxyalkyl)imidazoles. *Tetrahedron Letters*, **2013**, 54, 4693-4696 | 2 | 6 |

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|---|---|---|---|
| 737 | Superbase-catalyzed addition of ketones to propargyl and allenyl ethers in the KOH (KOBut)/DMSO system. *Mendeleev Communications*, **2013**, 23, 204-205 | 1.9 | 7 |
| 736 | Vinylation of cellulose in superbase catalytic systems: towards new biodegradable polymer materials. *Cellulose*, **2013**, 20, 1201-1214 | 5.5 | 7 |
| 735 | Propargyloxy- and allenyloxymethylferrocenes: Synthesis and oligomerization. *Journal of Organometallic Chemistry*, **2013**, 745-746, 1-7 | 2.3 | 9 |
| 734 | One-pot assembly of 3,5-bis(1H-pyrrol-2-yl)-4H-1,2,4-triazol-4-amines from pyrrolecarbo-nitriles and hydrazine. *Chemistry of Heterocyclic Compounds*, **2013**, 49, 561-565 | 1.4 | 1 |
| 733 | Nanosized Pd(0)-arabinogalactan composites as catalysts in the Sonogashira reaction. *Russian Journal of Organic Chemistry*, **2013**, 49, 412-416 | 0.7 | 6 |
| 732 | First example of the synthesis of pyrrolecarbaldehyde with electron-deficient acetylene substituents. *Russian Journal of Organic Chemistry*, **2013**, 49, 1241-1243 | 0.7 | 3 |
| 731 | One-pot atom-economic synthesis of Se-[alkyl(aryl)sulfanylethyl]diselenophosphinates from vinyl sulfides, secondary phosphines and elemental selenium. *Journal of Sulfur Chemistry*, **2013**, 34, 474-479 | 2.3 | 3 |
| 730 | Understanding the Spectroscopic Properties and Aggregation Process of a New Emitting Boron Dipyrromethene (BODIPY). *Journal of Physical Chemistry C*, **2013**, 117, 5373-5385 | 3.8 | 76 |
| 729 | Cross-coupling between secondary phosphine selenides and primary or secondary amines: halogen-free synthesis of phosphinoselenoic amides. *Mendeleev Communications*, **2013**, 23, 253-254 | 1.9 | 2 |
| 728 | Quantum-chemical study of regioselectivity and stereoselectivity of methanol vinylation with substituted acetylenes in a KOH/DMSO superbasic medium. *Doklady Chemistry*, **2013**, 452, 227-229 | 0.8 | 4 |
| 727 | Nucleophilic addition of methanol and methanethiol to acetylene in the superbasic system KOH-DMSO: a quantum chemical model. *Russian Chemical Bulletin*, **2013**, 62, 26-32 | 1.7 | 7 |
| 726 | Mass spectrometry and quantum chemical studies of the reaction of divinyl telluride with secondary phosphine sulfides: Synthesis of adducts. *Journal of Organometallic Chemistry*, **2013**, 745-746, 126-132 | 2.3 | 5 |
| 725 | One-pot synthesis of 3-(E)-styrylpyrroles from (E)-styrylmethyl ketoximes and acetylene. *Mendeleev Communications*, **2013**, 23, 340-341 | 1.9 | 8 |
| 724 | Reactions of 2- and 4-pyrones with secondary phosphine chalcogenides: a facile synthesis of functional phosphorylated pyrones. *Tetrahedron Letters*, **2013**, 54, 6772-6775 | 2 | 7 |
| 723 | Colloidal aggregates of Pd nanoparticles supported by larch arabinogalactan. *Journal of Physical Chemistry B*, **2013**, 117, 2134-41 | 3.4 | 12 |
| 722 | Synthesis of oxazolidinylphosphine chalcogenides from aminoethyl vinyl ethers. *Russian Chemical Bulletin*, **2013**, 62, 107-110 | 1.7 | 0 |
| 721 | Synthesis of 3-[5-(biphenyl-4-yl)pyrrol-2-yl]-1-phenylprop-2-yn-1-ones by palladium-free cross-coupling between pyrroles and haloalkynes on aluminum oxide. *Russian Chemical Bulletin*, **2013**, 62, 88-92 | 1.7 | 7 |
| 720 | A convenient synthesis of hetarylethynyl ketones from hetarylcarbaldehydes and acetylene. *Chemistry of Heterocyclic Compounds*, **2013**, 49, 341-344 | 1.4 | 12 |

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| 719 | 5-vinyloxymethyl-5-ethyl-1,3-dioxane in reactions of radical homo- and copolymerization with styrene. *Doklady Chemistry*, **2013**, 448, 52-54 | 0.8 | |
| 718 | Estimation of the antioxidant activity of humic substances from various natural sources of Mongolia. *Doklady Chemistry*, **2013**, 453, 268-269 | 0.8 | 6 |
| 717 | Free-radical cooligomerization of N-vinyl-4,5,6,7-tetrahydroindole with butyl vinyl ether. *Polymer Science - Series B*, **2013**, 55, 584-592 | 0.8 | 1 |
| 716 | Highly efficient atom economical "green chemistry" synthesis of vinyl sulfides from thiols and acetylene in water. *Russian Chemical Bulletin*, **2013**, 62, 438-440 | 1.7 | 12 |
| 715 | Quantum chemical study of the formation of acetylenic alcohols and 7-methylidene-6,8-dioxabicyclo[3.2.1]octanes from acetylene and carbonyl compounds. *Russian Chemical Bulletin*, **2013**, 62, 2306-2310 | 1.7 | 1 |
| 714 | Nucleophilic addition of phosphine to 4-chlorostyrenes in the KOH-DMSO system. *Russian Chemical Bulletin*, **2013**, 62, 2495-2497 | 1.7 | 8 |
| 713 | Chemo- and regioselective modification of l-histidine with tertiary cyanopropargylic alcohols. *Russian Chemical Bulletin*, **2013**, 62, 2538-2543 | 1.7 | 1 |
| 712 | The "one pot" synthesis of 4,5-dihydrobenzo[g]indole and its 1-vinyl derivative from 1-tetralone, hydroxylamine, and dichloroethane in the system KOH-DMSO. *Russian Chemical Bulletin*, **2013**, 62, 2557-2558 | 1.7 | 5 |
| 711 | Radical addition of secondary phosphine chalcogenides to allylamine: Atom-economic synthesis of aminopropylphosphine chalcogenides. *Russian Journal of General Chemistry*, **2013**, 83, 1895-1899 | 0.7 | 3 |
| 710 | Rearrangement of benzylsulfanyl-substituted 2-aza-1,3,5-triene into 5-phenyl-4,5-dihydro-1,3-thiazole in the t-BuOK-THF-DMSO system. *Russian Journal of Organic Chemistry*, **2013**, 49, 1491-1496 | 0.7 | 6 |
| 709 | Synthesis and physicochemical properties of homo- and copolymers of 4-vinyloxymethyl-2-methyl-1,3-dioxolane. *Doklady Chemistry*, **2013**, 448, 29-30 | 0.8 | |
| 708 | Water-soluble silver nanocomposites with 1-Vinyl-1,2,4-triazole copolymer. *Doklady Chemistry*, **2013**, 449, 87-88 | 0.8 | 10 |
| 707 | A one-pot approach to 2-isoxazolines from ketones and arylacetylenes. *Organic Letters*, **2013**, 15, 104-7 | 6.2 | 40 |
| 706 | Structural studies of meso-CF3-3(5)-aryl(hetaryl)- and 3,5-diaryl(dihetaryl)-BODIPY dyes by 1H, 13C and 19F NMR spectroscopy and DFT calculations. *Journal of Fluorine Chemistry*, **2013**, 145, 51-57 | 2.1 | 8 |
| 705 | Cycloaddition of primary phosphines to divinyl sulfide. *Russian Journal of Organic Chemistry*, **2013**, 49, 12-16 | 0.7 | 1 |
| 704 | Alkali Metal Thioselenophosphinates, M[SeSPR2]: One-Pot Multicomponent Synthesis, DFT Study, and Synthetic Application. *European Journal of Inorganic Chemistry*, **2013**, 2013, 415-426 | 2.3 | 12 |
| 703 | Improved synthesis of tertiary propargyl alcohols by the Favorskii reaction of alkyl aryl (hetaryl) ketones with acetylene. *Russian Journal of Organic Chemistry*, **2013**, 49, 8-11 | 0.7 | 18 |
| 702 | One-pot tandem synthesis of fluorescent 5-naphthyl-3(2H)-furanones. *Tetrahedron*, **2013**, 69, 3714-3720 | 2.4 | 11 |

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| 701 | Superbase-Promoted Selective Cascade Cyclization Reaction of 1,5-Diketones with Acetylenes to Methylene-6,8-dioxabicyclo[3.2.1]octanes. *European Journal of Organic Chemistry*, **2013**, 2013, 2453-2460 | 3.2 | 22 |
| 700 | Stereoselective tandem ring opening of imidazoles with electron-deficient acetylenes and water: synthesis of functionalized (Z,Z)-1,4-diaza-2,5-dienes. *Organic Letters*, **2013**, 15, 2322-4 | 6.2 | 14 |
| 699 | Synthesis of secondary propargyl alcohols from aromatic and heteroaromatic aldehydes and acetylene in the system KOH-H2O-DMSO. *Russian Journal of Organic Chemistry*, **2013**, 49, 356-359 | 0.7 | 15 |
| 698 | Propargylation of arabinogalactan with propargyl halides--a facile route to new functionalized biopolymers. *Carbohydrate Research*, **2013**, 376, 7-14 | 2.9 | 16 |
| 697 | Superbase-Catalyzed [4+2] Cycloaddition of Acetylenes to 3,6-Di(pyrrol-2-yl)-1,2,4,5-tetrazine: A Facile Synthesis of 3,6-Di(pyrrol-2-yl)pyridazines. *Advanced Synthesis and Catalysis*, **2013**, 355, 1535-1539 | 5.6 | 3 |
| 696 | Synthesis and Optical Properties of Difluorobora-s-diazaindacene Dyes with Trifluoromethyl meso-Substituents. *European Journal of Organic Chemistry*, **2013**, 2013, 4107-4118 | 3.2 | 23 |
| 695 | [1,7]-Electrocyclization reactions in the synthesis of azepine derivatives. *Chemistry of Heterocyclic Compounds*, **2013**, 49, 152-176 | 1.4 | 16 |
| 694 | Oxidative cross-coupling between secondary phosphine selenides and thiols or dithiols: a facile regio-selective synthesis of thioselenophosphinic S-esters and S-diesters. *Tetrahedron Letters*, **2013**, 54, 3543-3545 | 2 | 8 |
| 693 | Improved method for the synthesis of 1-vinylindole. *Chemistry of Heterocyclic Compounds*, **2013**, 49, 404-407 | 1.4 | 8 |
| 692 | Chemoselective synthesis of first representatives of bis(diorganothiophosphinyl)selenides, (R2P=S)2Se, from secondary phosphine sulfides and elemental selenium. *Inorganic Chemistry Communication*, **2013**, 30, 124-127 | 3.1 | 1 |
| 691 | New reactions of alkynes with ketones in superbasic media. *Russian Chemical Bulletin*, **2013**, 62, 2292-2300 | 1.7 | 3 |
| 690 | Homo- and copolymers of vinyl glycerol ethers. *Doklady Chemistry*, **2013**, 449, 81-82 | 0.8 | 1 |
| 689 | Reaction of Cytidine with Cyanopropargylic Alcohols: Synthesis of Functionalized Cytidine Cyclic Ketals. *Synthesis*, **2013**, 45, 3263-3268 | 2.9 | 3 |
| 688 | Click Chemistry with 2-Ethynyl-4,5,6,7-tetrahydroindoles: Towards Functionalized Tetrahydroindole-Triazole Ensembles. *Synthesis*, **2013**, 45, 678-682 | 2.9 | 5 |
| 687 | Synthesis of 5-Thienylfuran-3(2H)-ones via the Microwave-Assisted Tandem Reaction of Cyanopropargylic Alcohols with Thiophene-2-carboxylic Acids. *Synthesis*, **2013**, 45, 3435-3441 | 2.9 | 6 |
| 686 | A New Humic Acid Preparation with Addition of Silver Nanoparticles **2013**, 783-788 | | 3 |
| 685 | Peculiarities of the tandem reaction between cyanoacetylenic alcohols and aminobenzoic acids: Synthesis of 5,5-dialkyl-2-(3-aminophenyl)-4-oxo-4,5-dihydrofuran-3-carbonitriles. *Arkivoc*, **2013**, 2012, 319-325 | 0.9 | 4 |
| 684 | Base-catalyzed O-vinylation of tertiary propargylic alcohols with acetylene: First examples. *Mendeleev Communications*, **2012**, 22, 62-63 | 1.9 | 7 |

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|---|---|---|---|
| 683 | A peculiar transition-metal-free cyclodimerization of propargylic alcohols to vinyl bicyclic ketals. *Tetrahedron*, **2012**, 68, 1241-1246 | 2.4 | 15 |
| 682 | Expedient one-step synthesis of nitrogen stilbene analogs by transition metal-free hydroamination of arylacetylenes with pyrroles. *Tetrahedron*, **2012**, 68, 1963-1971 | 2.4 | 18 |
| 681 | Tandem regio- and stereospecific cyclization of ethyl isonicotinate with cyanoacetylenic alcohols to provide novel polycondensed heterocyclic systems. *Tetrahedron Letters*, **2012**, 53, 927-930 | 2 | 7 |
| 680 | Expedient one-pot organometallics-free synthesis of tris(2-pyridyl)phosphine from 2-bromopyridine and elemental phosphorus. *Tetrahedron Letters*, **2012**, 53, 2424-2427 | 2 | 30 |
| 679 | One-pot synthesis of 1-ethynylcyclohexyl vinyl ether from cyclohexanone and acetylene. *Russian Journal of Organic Chemistry*, **2012**, 48, 858-859 | 0.7 | 4 |
| 678 | Tris(2-pyridyl)phosphine: a straightforward microwave-assisted synthesis from 2-bromopyridine and red phosphorus and coordination with cobalt(ii) dichloride. *Mendeleev Communications*, **2012**, 22, 187-188 | 1.9 | 19 |
| 677 | Features of the base-catalyzed reaction of 1-vinyl-4,5-dihydro-1H-benzo[g]indole-2-carbaldehyde with phenylacetylene. *Chemistry of Heterocyclic Compounds*, **2012**, 48, 822-824 | 1.4 | 3 |
| 676 | First example of the ( C_{sp^2 } )-P bond formation in the reaction of red phosphorus with hetaryl halides. *Russian Journal of General Chemistry*, **2012**, 82, 1307-1308 | 0.7 | 5 |
| 675 | Three-component reaction between imidazoles, isocyanates, and cyanophenylacetylene: a short-cut to N-(Z)-alkenylimidazole-2-carboxamides. *Tetrahedron Letters*, **2012**, 53, 7040-7043 | 2 | 11 |
| 674 | Chemo- and regioselective modification of adenosine with tertiary cyanopropargylic alcohols. *Tetrahedron Letters*, **2012**, 53, 5769-5772 | 2 | 6 |
| 673 | Cationic and free radical polymerization of N-vinyl-2,3-diphenylpyrrole. *Synthetic Metals*, **2012**, 162, 662-669 | 2.0 | 5 |
| 672 | Facile Self-Assembly Synthesis and Characterization of Diselenophosphinato Octanuclear CuI Clusters Inscribed in a Twelve-Vertex Selenium Polyhedron. *European Journal of Inorganic Chemistry* , **2012**, 2012, 4921-4929 | 2.3 | 26 |
| 671 | Chemo- and regioselective reaction of vinyl furfuryl ethers with alcohols. *Russian Journal of Organic Chemistry*, **2012**, 48, 1162-1167 | 0.7 | 1 |
| 670 | Consecutive Reactions of Dialkyl Ethynyl Carbinols with Acetylene in Superbase KOH/DMSO Suspension. *Mendeleev Communications*, **2012**, 22, 132-133 | 1.9 | 4 |
| 669 | Oligomerization of phenylferrocenylacetylene under the action of WCl6. *Journal of Organometallic Chemistry*, **2012**, 706-707, 124-127 | 2.3 | 8 |
| 668 | Synthesis of tris(2-pyridyl)phosphine from red phosphorus and 2-bromopyridine in the CsF-NaOH-DMSO superbasic system. *Doklady Chemistry*, **2012**, 445, 164-165 | 0.8 | 6 |
| 667 | Superbase-Assisted Addition of Phosphine to 1-Methoxy-4-vinylbenzene: Toward a Rare Family of Organic Phosphines. *Synthetic Communications*, **2012**, 42, 1685-1694 | 1.7 | 7 |
| 666 | One-pot synthesis of ultra-branched mixed tetradentate tripodal phosphines and phosphine chalcogenides. *Tetrahedron*, **2012**, 68, 9218-9225 | 2.4 | 10 |

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|---|---|---|---|
| 665 | Regioselective Formylation of 1-(2-Oxiranylmethyl)-4,5,6,7-tetrahydroindole with DMF/(COCl)2: the Pyrrole vs. Oxirane Nucleophilicity. *Mendeleev Communications*, **2012**, 22, 265-266 | 1.9 | 0 |
| 664 | Synthesis and Structural Characterization of the First Europium(III) Pyridylphosphine Complex, [Eu(N,N[N2-Py3P)(NO3)3]. *Mendeleev Communications*, **2012**, 22, 294-296 | 1.9 | 8 |
| 663 | Transition-metal-free superbase-promoted stereoselective vinylation of ketones with arylacetylenes: a general strategy for synthesis of unsaturated ketones. *Journal of Organic Chemistry*, **2012**, 77, 6880-6 | 4.2 | 77 |
| 662 | Synthesis of [2-(methoxyaryl)-1-methylethyl]phosphinic acids from red phosphorus and (allyl)(methoxy)benzenes. *Russian Chemical Bulletin*, **2012**, 61, 1787-1791 | 1.7 | 5 |
| 661 | Colloids of Gold Nanoparticles Protected from Aggregation with Arabinogalactan. *Macromolecular Symposia*, **2012**, 317-318, 1-6 | 0.8 | 7 |
| 660 | Metallation of N-vinylpyrroles and -indoles with Hg(OAc)2: N-vinyl vs. pyrrole nucleophilic sites. *Dalton Transactions*, **2012**, 41, 5512-6 | 4.3 | 6 |
| 659 | Novel general halogen-free methodology for the synthesis of organophosphorus compounds. *Pure and Applied Chemistry*, **2012**, 84, 439-459 | 2.1 | 67 |
| 658 | Oxidative metal-free cross-coupling of secondary phosphine chalcogenides and benzenediols: Synthesis of phosphinochalcogenoic O-diesters. *Heteroatom Chemistry*, **2012**, 23, 322-328 | 1.2 | 9 |
| 657 | The reaction of 2-bromopyridine with a PH3/H2 system in the KOH/DMSO suspension: A short route to tris(2-pyridyl)phosphine. *Heteroatom Chemistry*, **2012**, 23, 411-414 | 1.2 | 5 |
| 656 | Transition Metal-Free Stereoselective Vinylation of Cyclic Ketones with Arylacetylenes in the Superbasic Catalytic Triad Potassium Hydroxide/tert-Butyl Alcohol/Dimethyl Sulfoxide. *Advanced Synthesis and Catalysis*, **2012**, 354, 1813-1818 | 5.6 | 27 |
| 655 | New methodology for functionalization of the imidazole ring by alkynes. *Chemistry of Heterocyclic Compounds*, **2012**, 48, 147-154 | 1.4 | 14 |
| 654 | Devinylation of N-vinylpyrroles using mercury(II) acetate. *Chemistry of Heterocyclic Compounds*, **2012**, 47, 1300-1303 | 1.4 | 5 |
| 653 | Synthesis of chalcophosphinic acid amides with pyridine rings*. *Chemistry of Heterocyclic Compounds*, **2012**, 47, 1384-1389 | 1.4 | 4 |
| 652 | Signs of formation and chemical evolution of zwitterions in the reaction of 1-methylimidazole with cyanophenylacetylene and benzaldehyde. *Chemistry of Heterocyclic Compounds*, **2012**, 47, 1390-1394 | 1.4 | 2 |
| 651 | Reactions of 2-aza-1,3,5-trienes with superbases: competition between formation of thiazoles and azepines. *Chemistry of Heterocyclic Compounds*, **2012**, 47, 1430-1435 | 1.4 | 5 |
| 650 | 2-Arylazo-1-vinylpyrroles: oligomerization in the presence of protic and aprotic acids. *Chemistry of Heterocyclic Compounds*, **2012**, 48, 280-286 | 1.4 | 1 |
| 649 | Novel quinine, lupinine, and anabasine derivatives containing dithiophosphinate groups. *Chemistry of Heterocyclic Compounds*, **2012**, 48, 448-452 | 1.4 | 5 |
| 648 | Stereoselective Metal-Free Reaction of Imidazoles with Isothiocyanates Involving Cyanophenylacetylene: A Shortcut to N-(Z-Alkenyl)imidazole-2-carbothioamides. *Synlett*, **2012**, 23, 2069-2072 | 2.2 | 13 |

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|---|---|---|---|
| 647 | Atom-Economic, Metal- and Halogen-Free Synthesis of Podands: Diphosphines and Their Chalcogenides Separated by Alkane Diol Spacers. *Synthesis*, **2012**, 44, 2938-2946 | 2.9 | 6 |
| 646 | Three-Component Reaction between Vinyl Ethers, Secondary Phosphines, and Elemental Selenium: One-Pot Synthesis of 1-(Alkoxy)ethyl and 1-(Aryloxy)ethyl Phosphinodiselenoates. *Synthesis*, **2012**, 44, 431-438 | 2.9 | 6 |
| 645 | Chemoselective Reactions of Secondary Phosphine Chalcogenides with Vinyloxyalkylamines: Synthesis of a Novel Family of Functional Phosphinochalcogenic Amides. *Synthesis*, **2012**, 44, 2786-2792 | 2.9 | 5 |
| 644 | Structural Reorganization of Allyl Isothiocyanate into Pyrrole Ring under Superbase. A Straightforward Access to NH-2-(Alkylsulfanyl)-1H-pyrroles and N-Alkyl-2-(alkylsulfanyl)-1H-pyrroles. *Synthesis*, **2012**, 45, 93-100 | 2.9 | 2 |
| 643 | Stereoselective annelation of 3-substituted imidazo[4,5-b]pyridines with cyanoacetylenic alcohols and domino rearrangement of the adducts. *Arkivoc*, **2012**, 2012, 229-244 | 0.9 | 6 |
| 642 | N-Vinyl Ferrocenophane Pyrrole: Synthesis and Physical and Chemical Properties. *Organometallics*, **2011**, 30, 6476-6481 | 3.8 | 10 |
| 641 | Reaction of Red Phosphorus with Allylbenzene in Superbasic System KOH-DMSO. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2011**, 186, 1688-1693 | 1 | 8 |
| 640 | Diselenophosphinates. Synthesis and Applications. *Organic Preparations and Procedures International*, **2011**, 43, 381-449 | 1.1 | 17 |
| 639 | Simultaneous synthesis of 4,5-dihydro-3H-azepines and 3H-azepines, bearing alkoxy and alkylsulfanyl substituents, through metallation of 2-aza-1,3,5-trienes by t-BuOK. *Journal of Organometallic Chemistry*, **2011**, 696, 3359-3368 | 2.3 | 11 |
| 638 | Reaction of 2-aza-1,3,5-trienes with superbases: an unexpected approach towards exomethylene tetrahydroazepines. *Russian Chemical Bulletin*, **2011**, 60, 2617-2620 | 1.7 | 2 |
| 637 | 2,4,5-triphenylimidazole as an indicator of intermediate formation of 2,3-diphenyl-2H-azirine in the synthesis of 1-vinyl-2,3-diphenylpyrrole from benzyl phenyl ketoxime and acetylene. *Doklady Chemistry*, **2011**, 436, 43-45 | 0.8 | |
| 636 | Specific features of formation of silver nanoparticles in the polymer matrix. *Doklady Chemistry*, **2011**, 437, 47-49 | 0.8 | 11 |
| 635 | A Catalyst for the selective dehydrogenation of 4,5,6,7-tetrahydroindole into indole. *Doklady Chemistry*, **2011**, 437, 95-97 | 0.8 | 1 |
| 634 | A Theoretical study of vinylation of methanol, acetoxime, and methanethiol with acetylene in the KOH-DMSO system. *Doklady Chemistry*, **2011**, 438, 167-169 | 0.8 | 4 |
| 633 | A theoretical study of ethynylation of formaldehyde with acetylene in the KOH-DMSO system. *Doklady Chemistry*, **2011**, 439, 181-182 | 0.8 | 1 |
| 632 | Effect of silver nanoparticles on the thermal characteristics of nanocomposites of galactose-containing polysaccharides. *Doklady Chemistry*, **2011**, 439, 187-189 | 0.8 | 7 |
| 631 | Formation kinetics of gold nanoparticles in the galactomannan polysaccharide matrix. *Doklady Chemistry*, **2011**, 440, 282-285 | 0.8 | 12 |
| 630 | Methanol interaction with potassium and rubidium hydroxides in dimethyl sulfoxide. *Journal of Structural Chemistry*, **2011**, 52, 652-658 | 0.9 | 3 |

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|---|---|---|---|
| 629 | Interaction of methanol, methanthiol, and acetoxime with potassium and rubidium hydroxides in dimethyl sulfoxide. *Journal of Structural Chemistry*, **2011**, 52, 659-663 | 0.9 | 5 |
| 628 | A three-component reaction between alkenes, secondary phosphanes, and elemental selenium: a novel, efficient, atom-economic synthesis of diselenophosphinic esters. *Tetrahedron Letters*, **2011**, 52, 6985-6987 | 2 | 12 |
| 627 | Bactericidal action of Ag(0)-antithrombotic sulfated arabinogalactan nanocomposite: coevolution of initial nanocomposite and living microbial cell to a novel nonliving nanocomposite. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2011**, 7, 827-33 | 6 | 38 |
| 626 | Synthesis of 1-methyl-2-phenyl- and bis(1-methyl-2-phenylethyl)phosphinic acids from red phosphorus and allylbenzene. *Russian Journal of General Chemistry*, **2011**, 81, 142-144 | 0.7 | 3 |
| 625 | Directed synthesis of tertiary phosphine chalcogenides with pyridine and hydroxy functions. *Russian Journal of General Chemistry*, **2011**, 81, 315-321 | 0.7 | 6 |
| 624 | Synthesis of tris(organylthioethyl)phosphines and their derivatives on the basis of the reaction of phosphine with vinyl sulfides. *Russian Journal of General Chemistry*, **2011**, 81, 470-473 | 0.7 | 4 |
| 623 | New synthesis of diselenophosphinates of heavy metals. *Russian Journal of General Chemistry*, **2011** , 81, 1449-1452 | 0.7 | 4 |
| 622 | Reaction of divinyl telluride with secondary phosphine chalcogenides. *Russian Journal of General Chemistry*, **2011**, 81, 2506-2509 | 0.7 | 8 |
| 621 | Nucleophilic addition of phosphine to 1-vinylimidazole. *Russian Journal of General Chemistry*, **2011**, 81, 2522-2524 | 0.7 | 2 |
| 620 | New transformations of 2-Aza-1,3,5-trienes by the action of t-BuOK-THF-DMSO. *Russian Journal of Organic Chemistry*, **2011**, 47, 141-145 | 0.7 | 1 |
| 619 | Unexpected transformations of 1-aza-1,3,4-trienes in alcoholic potassium hydroxide. New classes of aza dienes. *Russian Journal of Organic Chemistry*, **2011**, 47, 146-149 | 0.7 | 0 |
| 618 | Reactions of heterocumulenes with organometallic reagents: XVII. One-pot synthesis of alkoxy and (alkylsulfanyl)-substituted pyrroles and 2,3-dihydropyridines from aliphatic isothiocyanates and lithiated alkoxyallenes. *Russian Journal of Organic Chemistry*, **2011**, 47, 659-677 | 0.7 | 27 |
| 617 | Stereoselective synthesis of N-[(1Z)-2-methoxy-1-methylsulfanylbuta-1,3-dien-1-yl]formamide. *Russian Journal of Organic Chemistry*, **2011**, 47, 1891-1893 | 0.7 | 1 |
| 616 | Copolymerization of N-vinylpyrrole-2-carbaldehydes with styrene, N-vinylpyrrolidone, and ethylene glycol vinyl glycidyl ether. *Polymer Science - Series B*, **2011**, 53, 125-131 | 0.8 | 1 |
| 615 | Unexpected elimination of methanol from 6-(alkylsulfanyl)-5-methoxy-2,3-dihydropyridines using t-BuOK-DMSO: an access to 2-alkyl-6-(alkyl-sulfanyl)pyridines. *Chemistry of Heterocyclic Compounds*, **2011**, 46, 1536-1538 | 1.4 | 10 |
| 614 | Regio- and stereodirection of addition of tetrazole to □acetylenic □hydroxy nitrile: synthesis of 1- and 2-(Z)-(2-cyanoethenyl- 1-hydroxyalkyl)tetrazoles. *Chemistry of Heterocyclic Compounds*, **2011**, 47, 464-469 | 1.4 | 6 |
| 613 | Metal complexes with N-alkenylimidazoles: synthesis, structures, and biological activity. *Russian Chemical Bulletin*, **2011**, 60, 601-614 | 1.7 | 6 |
| 612 | Antimicrobial activity of silver□poly(1-vinyl-1,2,4-triazole) nanocomposites. *Russian Chemical Bulletin*, **2011**, 60, 671-675 | 1.7 | 5 |

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|---|---|---|---|
| 611 | A Theoretical and Experimental Study of NMR Contrasting Properties of Nanocomposites Based on Ferric Oxides Stabilized by Arabinogalactan Matrix. *Applied Magnetic Resonance*, **2011**, 41, 525-536 | 0.8 | 13 |
| 610 | Free-radical addition of phosphine to vinyl ethers: atom-economic synthesis of tris(2-organyloxyethyl)phosphines and their derivatives. *Mendeleev Communications*, **2011**, 21, 17-18 | 1.9 | 9 |
| 609 | The reaction of 2-arylazo-1-vinylpyrroles with trifluoroacetic anhydride: unexpected formation of N-aryl-2,2,2-trifluoroacetamides and conjugated polymers. *Mendeleev Communications*, **2011**, 21, 36-37 | 1.9 | 3 |
| 608 | Stereospecific protonation of pyrrole-2-carboxaldehyde Z-oximes as a result of through-space cation stabilization with oxime hydroxyl. *Mendeleev Communications*, **2011**, 21, 103-105 | 1.9 | |
| 607 | Methanol vinylation mechanism in the KOH/DMSO/CH3OH/C2H2 system. *International Journal of Quantum Chemistry*, **2011**, 111, 2519-2524 | 2.1 | 18 |
| 606 | The reaction of red phosphorus with 1-bromonaphthalene in the KOH-DMSO system: Synthesis of tri(1-naphthyl)phosphane. *Heteroatom Chemistry*, **2011**, 22, 198-203 | 1.2 | 21 |
| 605 | Synthesis of cross-linked polyethylene oxide-acetal macrocycles for solid superbase catalysts. *Journal of Applied Polymer Science*, **2011**, 120, 3363-3369 | 2.9 | 2 |
| 604 | A general synthetic strategy for the design of new BODIPY fluorophores based on pyrroles with polycondensed aromatic and metallocene substituents. *Chemistry - A European Journal*, **2011**, 17, 3069-73 | 4.8 | 31 |
| 603 | General route to symmetric and asymmetric meso-CF3-3(5)-aryl(hetaryl)- and 3,5-diaryl(dihetaryl)-BODIPY dyes. *Organic Letters*, **2011**, 13, 2524-7 | 6.2 | 72 |
| 602 | Protected bis(hydroxyorganyl) polysulfides as modifiers of Li/S battery electrolyte. *Electrochimica Acta*, **2011**, 56, 2458-2463 | 6.7 | 29 |
| 601 | Synthesis and structural characterization of novel zinc(II) and cadmium(II) complexes with pyridine-phosphine chalcogenide ligands. *Journal of Organometallic Chemistry*, **2011**, 696, 2053-2058 | 2.3 | 15 |
| 600 | A highly selective fluorescent sensor for fluoride anion based on pyrazole derivative: Naked eye ﬂoyes detection. *Journal of Photochemistry and Photobiology A: Chemistry*, **2011**, 217, 29-34 | 4.7 | 58 |
| 599 | C(2)-Functionalization of 1-substituted imidazoles with cyanoacetylenes and aromatic or heteroaromatic aldehydes. *Tetrahedron*, **2011**, 67, 1288-1293 | 2.4 | 15 |
| 598 | From 4,5,6,7-tetrahydroindole to functionalized furan-2-one 4,5,6,7-tetrahydroindole cyclobutene sequence in two steps. *Tetrahedron*, **2011**, 67, 4832-4837 | 2.4 | 12 |
| 597 | Reaction of primary phosphines with elemental sulfur and alkali metal hydroxides (MOH, M = Na, K, Cs): a novel and facile three-component synthesis of trithiophosphonates. *Tetrahedron Letters*, **2011**, 52, 398-400 | 2 | 6 |
| 596 | A simple one-pot synthesis of phosphinoselenoic amides and diamides from secondary phosphine selenides and amines using Et3N-CCl4. *Tetrahedron Letters*, **2011**, 52, 2367-2369 | 2 | 10 |
| 595 | 15-[(Z)-Phenylmethylidene]-7,14-dioxadispiro[5.1.5.2]pentadecanes: stereoselective one-pot assembly from cyclohexanones and phenylacetylene in a KOH/DMSO suspension. *Tetrahedron Letters*, **2011**, 52, 3772-3775 | 2 | 13 |
| 594 | Unexpected diastereoselective one-pot assembly of hexahydroazulenones from 2-alkylcyclohexanones and arylacetylenes in KOH/DMSO suspension. *Tetrahedron Letters*, **2011**, 52, 4285-4287 | 2 | 13 |

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|---|---|---|---|
| 593 | Oxidative Transition-Metal-Free Cross-Coupling of Secondary Phosphine Chalcogenides and Alcohols or Phenols: A Facile, Expedient Synthesis of Phosphinochalcogenoic O-Esters. *Synthesis*, **2011**, 2011, 3723-3729 | 2.9 | 3 |
| 592 | Reactions of Lithiated Alkynes and Allenes with Isothiocyanates: A Simple and Efficient Synthesis of New Aryl- or Hetaryl-Substituted 3H-Azepines and 4,5-Dihydro-3H-azepines. *Synthesis*, **2011**, 2011, 2192-2204 | 2.9 | 18 |
| 591 | Synthesis of 1-Vinylpyrrole-imidazole Alkaloids. *Synthesis*, **2011**, 2011, 2843-2847 | 2.9 | 3 |
| 590 | Metal-Free Hydrophosphanation of 1-Vinylimidazoles with Secondary Phosphanes: A Straightforward Atom-Economic Route to Tertiary Phosphanes with Imidazolyl Substituents. *Synlett*, **2011**, 2011, 94-98 | 2.2 | 10 |
| 589 | Stereoselective reduction of 1-acyl-2-phenylacetylenes with triphenylphosphine in water: efficient synthesis of E-chalcones. *Arkivoc*, **2011**, 2011, 183-188 | 0.9 | 12 |
| 588 | Gold nanoparticles stabilized with water-soluble biocompatible poly(1-vinyl-1,2,4-triazole). *Doklady Chemistry*, **2010**, 431, 63-64 | 0.8 | 10 |
| 587 | Polymerization of acetylene in aqueous PdCl2-CuCl solutions: Novel catalytically active palladium-copper-containing carbon materials. *Doklady Chemistry*, **2010**, 431, 94-98 | 0.8 | 2 |
| 586 | Selective synthesis and radical polymerization of N-vinyl-2-(1-naphthyl)-and N-vinyl-2-(2-naphthyl)pyrroles. *Doklady Chemistry*, **2010**, 434, 219-222 | 0.8 | 4 |
| 585 | Selective dehydrogenation of 4,5,6,7-tetrahydroindole to indole with a nickel sulfide catalyst. *Doklady Chemistry*, **2010**, 434, 257-259 | 0.8 | 2 |
| 584 | A new technology for the synthesis of 4,5,6,7-tetrahydroindole. *Doklady Chemistry*, **2010**, 435, 307-310 | 0.8 | 3 |
| 583 | Reaction of Red Phosphorus with 4-Methoxystyrene in KOH-DMSO System: One-Pot Synthesis of Tris[2-(4-methoxyphenyl)ethyl]phosphane Oxide. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2010**, 186, 98-104 | 1 | 11 |
| 582 | Chemo- and Regiospecific Modification of d,l-Tryptophan by Reaction with Acetylenic Hydroxy Nitriles. *Synthesis*, **2010**, 2010, 3174-3178 | 2.9 | 3 |
| 581 | Exceptionally Easy Ring Cleavage of Benzimidazoles by Acetylenic Hydroxy Nitriles and Water. *Synthesis*, **2010**, 2010, 1536-1542 | 2.9 | 10 |
| 580 | Facile Atom-Economic Synthesis of Ammonium Diselenophosphinates via Three-Component Reaction of Secondary Phosphines, Elemental Selenium, and Ammonia. *Synthesis*, **2010**, 2010, 1777-1780 | 2.9 | 4 |
| 579 | Rapid and Convenient One-Pot Method for the Preparation of Alkali Metal Phosphinodiselenoates. *Synthesis*, **2010**, 2010, 2463-2467 | 2.9 | 10 |
| 578 | Facile [2+2] Cycloaddition of DDQ to an Alkyne: Synthesis of Pyrrolyl- and Indolylbicyclo[4.2.0]octadienes from C-Ethynylpyrroles or C-Ethynylindoles. *Synthesis*, **2010**, 2010, 470-476 | 2.9 | 19 |
| 577 | Stereospecific Synthesis of (Z)-1,3-Oxazolobenzimidazoles from Imidazole- and Benzene-Ring-Substituted Benzimidazoles and Acetylenic Hydroxynitriles. *Synthesis*, **2010**, 2010, 2828-2840 | 2.9 | 2 |
| 576 | One-Pot Vinylation of Secondary Phosphine Chalcogenides with Vinyl Sulfoxides. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2010**, 185, 1838-1844 | 1 | 9 |

| | | | |
|---|---|---|---|
| 575 | A domino reaction of alpha,beta-acetylenic gamma-hydroxy nitriles with arenecarboxylic acids: an unexpected facile shortcut to 4-cyano-3(2H)-furanones. *Organic Letters*, **2010**, 12, 3200-3 | 6.2 | 26 |
| 574 | Cationic and radical polymerization of N-vinyl-2-phenylpyrrole: Synthesis of electroconducting, paramagnetic and fluorescent oligomers. *Synthetic Metals*, **2010**, 160, 1539-1543 | 3.6 | 8 |
| 573 | I2-doped and pyrrole ring-iodinated semi-conducting oligomers of N-vinyl-3-alkyl-2-phenylpyrroles. *Synthetic Metals*, **2010**, 160, 2573-2580 | 3.6 | 6 |
| 572 | Atom-sparing synthesis of tertiary diphosphine dichalcogenides from acetylenes and secondary phosphine chalcogenides. *Russian Journal of General Chemistry*, **2010**, 80, 232-238 | 0.7 | 0 |
| 571 | Chlorination of secondary phosphine selenides with the system CCl4/NEt3. *Russian Journal of General Chemistry*, **2010**, 80, 1043-1044 | 0.7 | 4 |
| 570 | Nanocomposites of red phosphorus in the reaction with 4-methoxystyrene. *Russian Journal of General Chemistry*, **2010**, 80, 1380-1382 | 0.7 | |
| 569 | Atom-economic synthesis of ammonium diselenophosphinates from secondary phosphine selenides, elemental selenium, and ammonia. *Russian Journal of General Chemistry*, **2010**, 80, 1383-1384 | 0.7 | 5 |
| 568 | Superbasic system CsOH/DMSO as a catalyst of nucleophilic addition of acetophenone to phenylacethylene. *Russian Journal of General Chemistry*, **2010**, 80, 1385-1386 | 0.7 | 6 |
| 567 | Reaction of divinyl selenide with secondary phosphine chalcogenides. *Russian Journal of General Chemistry*, **2010**, 80, 1602-1608 | 0.7 | 7 |
| 566 | Reaction of secondary phosphines with elemental sulfur and hydrazine: atom-economic synthesis of dithiophosphinates. *Russian Journal of General Chemistry*, **2010**, 80, 1886-1888 | 0.7 | 2 |
| 565 | Reaction of secondary phosphine selenides with elemental selenium: Synthesis of bis(diorganoselenophosphoryl)selenides. *Russian Journal of General Chemistry*, **2010**, 80, 2063-2064 | 0.7 | 4 |
| 564 | p-Terphenyl as unexpected by-product in the synthesis of 2,5-diphenylpyrrole from acetophenone oxime and phenylacetylene. *Russian Journal of Organic Chemistry*, **2010**, 46, 452-454 | 0.7 | 1 |
| 563 | 1,3,5-triphenylbenzene as unexpected by-product in the synthesis of 2,5-diphenylpyrrole from acetophenone oxime and phenylacetylene. *Russian Journal of Organic Chemistry*, **2010**, 46, 457-458 | 0.7 | 0 |
| 562 | Three-component reaction of secondary phosphines with elemental selenium and amines. *Russian Journal of Organic Chemistry*, **2010**, 46, 592-593 | 0.7 | 7 |
| 561 | New approach to N-vinylpyrroles. *Russian Journal of Organic Chemistry*, **2010**, 46, 773-776 | 0.7 | 5 |
| 560 | Formation of N-methylsulfanylvinyl derivative in the synthesis of 2-(benzo[b]thiophen-3-yl)pyrrole from 3-acetylbenzo[b]-thiophene oxime and acetylene in KOH-DMSO. *Russian Journal of Organic Chemistry*, **2010**, 46, 1262-1263 | 0.7 | |
| 559 | Cross-coupling of 4,5,6,7-tetrahydroindole with functionalized haloacetylenes on active surfaces of metal oxides and salts. *Russian Journal of Organic Chemistry*, **2010**, 46, 1373-1377 | 0.7 | 8 |
| 558 | Nucleophilic addition to acetylenes in superbasic catalytic systems: XVII. Vinyl ethers with furyl and cycloacetal fragments: Synthesis and structure. *Russian Journal of Organic Chemistry*, **2010**, 46, 1383-1387 | 0.7 | 5 |

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|---|---|---|---|
| 557 | Nucleophilic addition of acetophenone to 1,4-diethynylbenzene. *Russian Journal of Organic Chemistry*, **2010**, 46, 1414-1415 | 0.7 | 4 |
| 556 | Formation of N-benzylbenzamide from benzyl phenyl ketone oxime in a system C2H2-KOH-DMSO. Key role of acetylene. *Russian Journal of Organic Chemistry*, **2010**, 46, 1416-1417 | 0.7 | |
| 555 | Polymerization of 1,4-bis[2-(N-vinyl)pyrrolyl]benzene. *Polymer Science - Series B*, **2010**, 52, 193-197 | 0.8 | 3 |
| 554 | Triphenylphosphine as an effective catalyst for ketoximes addition to acylacetylenes: regio- and stereospecific synthesis of (E)-(O)-2-(acyl)vinylketoximes. *Tetrahedron*, **2010**, 66, 7527-7532 | 2.4 | 16 |
| 553 | Reaction of phosphine with allylbenzene in the KOHDMSO system: regioselective synthesis of (1-phenylprop-2-yl)phosphine and bis(1-phenylprop-2-yl)phosphine. *Mendeleev Communications*, **2010**, 20, 275-276 | 1.9 | 4 |
| 552 | Radical addition of secondary phosphine sulfides and selenides to vinyl tellurides. *Mendeleev Communications*, **2010**, 20, 346-347 | 1.9 | 8 |
| 551 | Structure and properties of bis{[2-(4-tert-butyl)phen]ethyl}phosphine sulfide. *Journal of Structural Chemistry*, **2010**, 51, 120-125 | 0.9 | 2 |
| 550 | An ab initio quantum chemical study of reaction mechanisms in the C2H2/CH3OH/KOH/DMSO system. *Journal of Structural Chemistry*, **2010**, 51, 428-436 | 0.9 | 3 |
| 549 | Synthesis and properties of silver and gold nanocomposites in poly-1-vinyl-1,2,4-triazole matrix. *Journal of Structural Chemistry*, **2010**, 51, 105-108 | 0.9 | 4 |
| 548 | First example of the synthesis of N-vinylpyrrole from methoxy- allene and methoxyethyl isothio-cyanate: unprecedented elimination of methanol from a substituted methyl ethyl ether. *Chemistry of Heterocyclic Compounds*, **2010**, 46, 61-65 | 1.4 | 4 |
| 547 | Optimization of the synthesis of 2-phenyl-1,2,3-triazole. *Chemistry of Heterocyclic Compounds*, **2010**, 46, 79-81 | 1.4 | 6 |
| 546 | Unexpected reaction of 2-acetylthiophene with phenaylcetylene in KOH/DMSO suspension. *Chemistry of Heterocyclic Compounds*, **2010**, 46, 623-624 | 1.4 | 1 |
| 545 | 2,3,6-triphenylpyridine. A novel by-product in the synthesis of 2,3-diphenyl-1-vinylpyrrole from benzyl phenyl ketoxime and acetylene in the system KOHDMSO. *Chemistry of Heterocyclic Compounds*, **2010**, 46, 759-761 | 1.4 | |
| 544 | One-pot selective synthesis of n-vinyl-4,5-dihydrobenzo[g]indole from 1-tetralone and acetylene in the system NH2OHHCLKOHDMSO. *Chemistry of Heterocyclic Compounds*, **2010**, 46, 762-764 | 1.4 | 3 |
| 543 | An efficient synthesis of cholesterol formate. *Russian Chemical Bulletin*, **2010**, 59, 302-303 | 1.7 | |
| 542 | Selective synthesis of hydrazinium diselenophosphinates from secondary phosphines, elementary selenium, and hydrazine. *Russian Chemical Bulletin*, **2010**, 59, 1671-1673 | 1.7 | 10 |
| 541 | Magnetic activity of nanostructured biopolymeric nanomagnets. *Russian Chemical Bulletin*, **2010**, 59, 2318-2322 | 1.7 | 12 |
| 540 | Silver-containing nanocomposites based on galactomannan and carrageenan: synthesis, structure, and antimicrobial properties. *Russian Chemical Bulletin*, **2010**, 59, 2323-2328 | 1.7 | 21 |

| | | | |
|---|---|---|---|
| 539 | C2-Functionalization of 1-Substituted Imidazoles with Aldehydes and Electron-Deficient Acetylenes: A Novel Three-Component Reaction. *European Journal of Organic Chemistry*, **2010**, 2010, 1772-1777 | 3.2 | 31 |
| 538 | Chemo-, Regio- and Stereospecific Synthesis of Unnatural, Fluorescent Amino Acids by Condensation of L-Lysine and 1-Vinylpyrrole-2-carbaldehydes. *European Journal of Organic Chemistry*, **2010**, 2010, 4554-4558 | 3.2 | 5 |
| 537 | One-Pot Atom-Economic Synthesis of Thioselenophosphinates via a New Multicomponent Reaction of Secondary Phosphanes with Elemental Sulfur, Selenium, and Amines. *European Journal of Organic Chemistry*, **2010**, 2010, 6157-6160 | 3.2 | 18 |
| 536 | Synthesis of Functionalized 3,4-Dihydropyrans via Rearrangement of the Products of a One-Pot Diastereoselective Assembly of Ketones and Acetylene. *European Journal of Organic Chemistry*, **2010**, 2010, 6727-6730 | 3.2 | 22 |
| 535 | Base-catalyzed stereoselective vinylation of ketones with arylacetylenes: a new C(sp3)-C(sp2) bond-forming reaction. *Chemistry - A European Journal*, **2010**, 16, 8516-21 | 4.8 | 67 |
| 534 | Chemo-, regio- and stereospecific addition of adenine and 8-azaadenine to □acetylenic □hydroxy nitriles: a short-cut to novel acyclic adenosine analogues. *Tetrahedron*, **2010**, 66, 1699-1705 | 2.4 | 11 |
| 533 | A three-component domino reaction of 2-tetralone, hydroxylamine and acetylene: a one-pot, highly regioselective synthesis of 4,5-dihydrobenz[e]indoles. *Tetrahedron Letters*, **2010**, 51, 1690-1692 | 2 | 7 |
| 532 | Diselenophosphinates of lupinine or anabasine via a new three-component reaction of secondary phosphines, elemental selenium, and amines. *Tetrahedron Letters*, **2010**, 51, 1840-1843 | 2 | 14 |
| 531 | A novel simple synthesis of bis(diorganoselenophosphoryl)selenides (R2PSe)2Se from secondary phosphines and elemental selenium. *Tetrahedron Letters*, **2010**, 51, 2141-2143 | 2 | 19 |
| 530 | Rearrangements of the [2+2]-cycloadducts of DDQ and 2-ethynylpyrroles. *Tetrahedron Letters*, **2010**, 51, 5028-5031 | 2 | 13 |
| 529 | A one-pot synthesis and mild cleavage of 2-[2- or 5-(alkylsulfanyl)pyrrol-1-yl]ethyl vinyl ethers by t-BuOK/DMSO: a novel and facile approach to N-vinylpyrroles. *Tetrahedron Letters*, **2010**, 51, 5316-5318 | 2 | 20 |
| 528 | Synthesis of □2-(acyl)vinylketoximes and their unusual rearrangements into 2- and 3-acyl-substituted pyrroles. *Tetrahedron Letters*, **2010**, 51, 6189-6191 | 2 | 7 |
| 527 | New Intermediates for Organic Synthesis based on Acetylene. *Zeitschrift F□ Chemie*, **2010**, 26, 41-49 | | 30 |
| 526 | First example of autooxidation of methyl and cyclohexano groups attached to the pyrrole ring: stabilization effect of phenyldiazenyl substituents. *Arkivoc*, **2010**, 2010, 352-359 | 0.9 | 4 |
| 525 | Nucleophilic addition to acetylenes in superbasic catalytic systems: XV. Vinylation of 2-hydroxymethylfuran **2010**, 44, 120 | | |
| 524 | 13C-13C spin-spin coupling constants in structural studies: XLII. Stereochemical study on functionalized 2,5-dihydrofuran-2-imines **2010**, 44, 388 | | |
| 523 | Incomparably easy migration of functionalized enol substituent in pyrrole ring **2010**, 44, 237 | | |
| 522 | One-Pot Reaction of Secondary Phosphine Selenides with Selenium and Nitrogen Bases: A Novel Synthesis of Diorganodiselenophosphinates. *Synthesis*, **2009**, 2009, 3332-3338 | 2.9 | 19 |

| | | | |
|---|---|---|---|
| 521 | A Simple Atom-Economic Synthesis of Functional Tertiary Phosphine Chalcogenides Bearing Furan or Tetrahydrofuran Rings. *Synthesis*, **2009**, 2009, 3427-3432 | 2.9 | 7 |
| 520 | A Straightforward Synthesis of 2-(1-Vinyl-1H-pyrrol-2-yl)-1H-benzimidazoles from 1-Vinyl-1H-pyrrole-2-carbaldehydes and o-Phenylenediamine. *Synthesis*, **2009**, 2009, 3603-3610 | 2.9 | 5 |
| 519 | An Efficient Route to 1-Vinylpyrrole-2-carbaldehydes. *Synthesis*, **2009**, 2009, 587-590 | 2.9 | 12 |
| 518 | Synthesis and optical properties of 2-(benzo[b]thiophene-3-yl)pyrroles and a new BODIPY fluorophore (BODIPY = 4,4-difluoro-4-bora-3a,4a-diaza-s-indacene). *Chemistry - A European Journal*, **2009**, 15, 5823-30 | 4.8 | 44 |
| 517 | Synthesis of 2-(selenophen-2-yl)pyrroles and their electropolymerization to electrochromic nanofilms. *Chemistry - A European Journal*, **2009**, 15, 6435-45 | 4.8 | 37 |
| 516 | Facile Synthesis of Hyper-Branched Tetraphosphanes and Tetraphosphane Chalcogenides. *European Journal of Organic Chemistry*, **2009**, 2009, 3427-3431 | 3.2 | 10 |
| 515 | One-Pot Assembly of 7-Methylene-6,8-dioxabicyclo[3.2.1]octanes, Congeners of Frontalin, from Ketones and Acetylene. *European Journal of Organic Chemistry*, **2009**, 2009, 5142-5145 | 3.2 | 40 |
| 514 | C-H...N and C-H...O intramolecular hydrogen bonding effects in the 1H, 13C and 15N NMR spectra of the configurational isomers of 1-vinylpyrrole-2-carbaldehyde oxime substantiated by DFT calculations. *Magnetic Resonance in Chemistry*, **2009**, 47, 105-12 | 2.1 | 42 |
| 513 | 1-Vinylpyrrole-2-carbaldehyde oximes: synthesis, isomerization, and spectral properties. *Monatshefte F□ Chemie*, **2009**, 140, 1475-1480 | 1.4 | 6 |
| 512 | Tricyanovinylation of 2-aryl-1-vinylpyrroles: solvent- and substituent controlled chemo- and regioselectivity. *Tetrahedron*, **2009**, 65, 4326-4331 | 2.4 | 5 |
| 511 | Elemental phosphorus in strongly basic media as phosphorylating reagent: a dawn of halogen-free □green□ organophosphorus chemistry. *Mendeleev Communications*, **2009**, 19, 295-302 | 1.9 | 81 |
| 510 | Unexpected formation of 2,4,6-triphenylpyridine in the synthesis of 2,5-diphenyl-pyrrole from acetophenone oxime and phenylacetylene. *Chemistry of Heterocyclic Compounds*, **2009**, 45, 868-870 | 1.4 | |
| 509 | Highly effective stereoselective synthesis of vinyl ethers of 5-alkyl-2-(2-furyl)-5-hydroxymethyl-1,3-dioxanes. *Chemistry of Heterocyclic Compounds*, **2009**, 45, 1308-1312 | 1.4 | 1 |
| 508 | Synthesis and polymerization of sterically hindered 2,5-diphenyl- and 2,3,5-triphenyl-1-vinylpyrroles. *Russian Chemical Bulletin*, **2009**, 58, 115-118 | 1.7 | |
| 507 | Nucleophilic diaddition of secondary phosphine sulfides to acetylene and methylacetylene. *Russian Chemical Bulletin*, **2009**, 58, 234-237 | 1.7 | 2 |
| 506 | Vinyl ethers and sulfides containing antioxidant functional groups. *Russian Chemical Bulletin*, **2009**, 58, 1217-1223 | 1.7 | 1 |
| 505 | Theoretical evaluation of some interactions in the system of acetylene-alkali metal hydroxide-DMSO. *Journal of Structural Chemistry*, **2009**, 50, 18-26 | 0.9 | 2 |
| 504 | AB initio quantum chemical study of the reaction mechanism of ethynide ion formation in the C2H2/MOH/DMSO system (M = Li, Na, K). *Journal of Structural Chemistry*, **2009**, 50, 27-33 | 0.9 | 5 |

| | | | |
|---|---|---|---|
| 503 | Ab initio quantum-chemical calculations of the energies and structures of 1,2-acetylenedithiol isomers. *Journal of Structural Chemistry*, **2009**, 50, 195-200 | 0.9 | 2 |
| 502 | Nanocomposites of red phosphorus as novel phosphorylating reagents. *Doklady Chemistry*, **2009**, 427, 153-155 | 0.8 | 10 |
| 501 | Reaction of red phosphorus (P n ) with alkanethiolate anions. *Doklady Chemistry*, **2009**, 427, 164-167 | 0.8 | 5 |
| 500 | Nanocomposites of silver and 1-vinyl-1,2,4-triazole copolymer with sodium methacrylate. *Doklady Chemistry*, **2009**, 427, 199-201 | 0.8 | 7 |
| 499 | Novel method for the synthesis of diselenophosphinates. *Doklady Chemistry*, **2009**, 428, 225-227 | 0.8 | 7 |
| 498 | Reactions of aminobenzoic acids with □acetylenic □hydroxy nitriles: synthesis of functionalized amino acids and unusually facile esterification and acetylene hydration. *Tetrahedron*, **2009**, 65, 2472-2477 | 2.4 | 7 |
| 497 | The peculiar reaction of 2-arylazo-1-vinylpyrroles with trifluoroacetic acid: a novel synthesis of 2-methylquinolines. *Tetrahedron*, **2009**, 65, 4855-4858 | 2.4 | 4 |
| 496 | Chemo-, regio- and stereospecific addition of amino acids to acylacetylenes: a facile synthesis of new N-acylvinyl derivatives of amino acids. *Tetrahedron*, **2009**, 65, 9814-9818 | 2.4 | 23 |
| 495 | Synthesis of 1-vinylpyrrole-2-carbonitriles. *Tetrahedron Letters*, **2009**, 50, 97-100 | 2 | 7 |
| 494 | One-pot assembly of 4-methylene-3-oxa-1-azabicyclo[3.1.0]hexanes from alkyl aryl(hetaryl) ketoximes, acetylene, and aliphatic ketones: a new three-component reaction. *Tetrahedron Letters*, **2009**, 50, 3314-3317 | 2 | 14 |
| 493 | (Z)-1-Organyl-2-(2,4-dicyano-1,3-diphenyl-1,3-butadienyl)imidazoles from 1-substituted imidazoles with phenylcyanoacetylene. *Mendeleev Communications*, **2009**, 19, 42-44 | 1.9 | 10 |
| 492 | Stereoselective free-radical addition of secondary phosphine selenides to aromatic acetylenes. *Journal of Organometallic Chemistry*, **2009**, 694, 677-682 | 2.3 | 20 |
| 491 | Reaction of secondary phosphine selenides with the system Se/MOH (M = Li, Na, K, Rb, Cs): A novel three-component synthesis of diorganodiselenophosphinates. *Journal of Organometallic Chemistry*, **2009**, 694, 4116-4120 | 2.3 | 16 |
| 490 | O-vinylacetoxime as a hydrogen bond acceptor. *Russian Journal of General Chemistry*, **2009**, 79, 390-397 | 0.7 | |
| 489 | Arylsubstituted 3H-azepines and 4,5-dihydro-3H-azepines from propargylbenzene and isothiocyanates. *Russian Journal of General Chemistry*, **2009**, 79, 1041-1044 | 0.7 | 3 |
| 488 | Synthesis of new secondary phosphine chalcogenides with bulky substituents from aryl(hetaryl)ethenes, red phosphorus, sulfur, and selenium. *Russian Journal of General Chemistry*, **2009**, 79, 1617-1621 | 0.7 | 22 |
| 487 | Reaction of secondary phosphine chalcogenides with 2,2,2-trichloroacetaldehyde. *Russian Journal of General Chemistry*, **2009**, 79, 2102-2107 | 0.7 | 5 |
| 486 | Microwave activation of the reaction of red phosphorus with alkanethiolate anions. *Russian Journal of General Chemistry*, **2009**, 79, 2453-2455 | 0.7 | 8 |

| | | | |
|---|---|---|---|
| 485 | Preconcentration of gold, silver, palladium, platinum, and ruthenium with organophosphorus extractants. *Russian Journal of Applied Chemistry*, **2009**, 82, 183-189 | 0.8 | 24 |
| 484 | Nucleophilic addition to acetylenes in superbasic catalytic systems: XVI. Vinylation of alcohols of the furan series under atmospheric pressure. *Russian Journal of Organic Chemistry*, **2009**, 45, 131-134 | 0.7 | 8 |
| 483 | First synthesis of 2-aminothiophen-3-ols. *Russian Journal of Organic Chemistry*, **2009**, 45, 626-628 | 0.7 | 1 |
| 482 | First synthesis of 5-(1-ethoxyethoxy)-N-methyl-N-phenylthiophen-2-amine and its unexpected alcoholysis. *Russian Journal of Organic Chemistry*, **2009**, 45, 939-941 | 0.7 | 1 |
| 481 | Selective thermal oxidation of 2,3-dimethyl-5-(phenyldiazenyl)-1-vinyl-1H-pyrrole to the corresponding pyrrole-2-carbaldehyde: Stabilization of the pyrrole ring by phenylazo substituent. *Russian Journal of Organic Chemistry*, **2009**, 45, 1567-1568 | 0.7 | |
| 480 | New catalyst for the synthesis of 2-Phenyl-1,2,3-triazole. *Russian Journal of Organic Chemistry*, **2009** , 45, 1683-1685 | 0.7 | 4 |
| 479 | Properties of oligomer compositions based on vinylox and ethylene glycol with ED-20 epoxy. *Polymer Science - Series D*, **2009**, 2, 20-26 | 0.4 | 0 |
| 478 | Influence of intermolecular interactions on the conformation of a 2-[bis(2-ethylphenyl)thiophosphorylhydroxymethyl]-1-ethylbenzimidazole molecule (L) upon complex formation with ZnCl2: Crystal and molecular structures of molecule L. *Russian Journal of Inorganic Chemistry*, **2009**, 54, 906-915 | 1.5 | |
| 477 | Nanodispersed state of metals and their migration in carbonaceous natural media. *Doklady Earth Sciences*, **2009**, 425, 334-337 | 0.6 | 7 |
| 476 | Vibrations of the S bond in elemental sulfur and organic polysulfides: a structural guide. *Journal of Sulfur Chemistry*, **2009**, 30, 518-554 | 2.3 | 60 |
| 475 | New Hindered BODIPY Derivatives: Solution and Amorphous State Fluorescence Properties *Journal of Physical Chemistry C*, **2009**, 113, 11844-11855 | 3.8 | 82 |
| 474 | Facile synthesis of size-tunable micro-octahedra via metal-organic coordination. *Chemical Communications*, **2009**, 5457-9 | 5.8 | 8 |
| 473 | Reaction of acetophenone and benzylphenylketone oximes with phenylacetylene: synthesis of di- and triphenylpyrroles. *Arkivoc*, **2009**, 2009, 14-20 | 0.9 | 5 |
| 472 | Synthesis of novel alkaloid derivatives from vinyl ether of lupinine and PH-addends. *Arkivoc*, **2009**, 2009, 260-267 | 0.9 | 11 |
| 471 | Direct synthesis of a three-dimensional cross-linked tris(4-vinylbenzyl)phosphine oxide polymer from 4-vinylbenzyl chloride and red phosphorus. *Doklady Chemistry*, **2008**, 418, 5-7 | 0.8 | 1 |
| 470 | Silver-poly(1-vinyl-1,2,4-triazole) nanocomposites. *Doklady Chemistry*, **2008**, 420, 123-124 | 0.8 | 17 |
| 469 | Unexpected behavior of 4,4?-diacetyldiphenyl dioxime in the reaction with acetylene in MOH-DMSO systems. *Doklady Chemistry*, **2008**, 421, 197-200 | 0.8 | 1 |
| 468 | Effect of alkali metal cations on the synthesis of 4,5,6,7-tetrahydroindole and its vinyl derivative from cyclohexanone oxime and acetylene in MOH-DMSO systems. *Doklady Chemistry*, **2008**, 423, 273-275 | 0.8 | 2 |

| | | | |
|---|---|---|---|
| 467 | Influence of the Introduction of Short Alkyl Chains in Poly(2-(2-Thienyl)-1H-pyrrole) on Its Electrochromic Behavior. *Macromolecules*, **2008**, 41, 6886-6894 | 5.5 | 38 |
| 466 | Stereoselective C(2)-vinylation of 1-substituted imidazoles with 3-phenyl-2-propynenitrile. *Journal of Organic Chemistry*, **2008**, 73, 9155-7 | 4.2 | 28 |
| 465 | Vinylpyrroles. *Chemistry of Heterocyclic Compounds (New York, 1951): A Series of Monographs*, **2008**, 131-298 | | 22 |
| 464 | Radical Addition of Secondary Phosphine Sulfides and Selenides to Vinyl Selenides. *Synthesis*, **2008**, 2008, 2743-2746 | 2.9 | 4 |
| 463 | Chemo- and Regiospecific Monoaddition of Secondary Phosphine Sulfides to 1-Acyl-2-phenylacetylenes. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2008**, 183, 1396-1401 | 1 | 13 |
| 462 | Peroxidase-catalysed synthesis of electroconductive polypyrrole. *Mendeleev Communications*, **2008**, 18, 56-58 | 1.9 | 25 |
| 461 | Nucleophilic additon of phosphine to 1-(tert-butyl)-4-vinylbenzene: a short-cut to bulky secondary and tertiary phosphines and their chalcogenides. *Mendeleev Communications*, **2008**, 18, 260-261 | 1.9 | 33 |
| 460 | Chemo-, regio- and stereospecific non-catalytic addition of isonicotinic acid to, -acetylenic -hydroxy nitriles. *Mendeleev Communications*, **2008**, 18, 278-280 | 1.9 | 2 |
| 459 | A one-pot synthesis of a branched tertiary phosphine oxide from red phosphorus and 1-(tert-butyl)-4-vinylbenzene in KOHDMSO: an unusually facile addition of P-centered nucleophiles to a weakly electrophilic double bond. *Tetrahedron Letters*, **2008**, 49, 3480-3483 | 2 | 25 |
| 458 | Chemo- and regioselective ethynylation of 4,5,6,7-tetrahydroindoles with ethyl 3-halo-2-propynoates. *Tetrahedron Letters*, **2008**, 49, 3946-3949 | 2 | 21 |
| 457 | A short-cut from 1-acetyl adamantane to 2-(1-adamantyl)pyrroles. *Tetrahedron Letters*, **2008**, 49, 4362-4365 | 2 | 12 |
| 456 | Catalytic oxidation of organic substrates with hydrogen peroxide in two-phase systems in the presence of peroxo-polyoxotungstates containing organic ligands. *Reaction Kinetics and Catalysis Letters*, **2008**, 94, 319-326 | | 6 |
| 455 | Spectral, luminescent, and photophysical properties of dipyrrolylbenzenes. *Russian Chemical Bulletin*, **2008**, 57, 1461-1466 | 1.7 | 3 |
| 454 | Modified copolymers of bifunctional vinyl ethers with methyl vinyl sulfide as active matrices of solid superbases. *Russian Chemical Bulletin*, **2008**, 57, 2111-2116 | 1.7 | 1 |
| 453 | Synthesis and conformational analysis of furfuryl vinyl ethers. *Russian Chemical Bulletin*, **2008**, 57, 2132-2138 | 1.7 | 3 |
| 452 | A first example of the C(2)-vinylation of 1-alkylimidazoles. *Russian Chemical Bulletin*, **2008**, 57, 2233-2234 | 1.7 | 3 |
| 451 | Quantum-chemical analysis of the nucleophilic substitution of the bromine atom by the cyano group at the sp-hybridized carbon atom in the methylbromoacetylene molecule. *Journal of Structural Chemistry*, **2008**, 49, 395-398 | 0.9 | 1 |
| 450 | Ab initio quantum-chemical study of the mechanism of methoxide ion formation in MOH/DMSO/CH3OH systems (M = Li, Na, K). *Journal of Structural Chemistry*, **2008**, 49, 595-599 | 0.9 | 5 |

| | | | |
|---|---|---|---|
| 449 | Theoretical study of the [1,3]-prototropic rearrangements of oximes and their ethers. *Journal of Structural Chemistry*, **2008**, 49, 216-223 | 0.9 | 6 |
| 448 | A theoretical study of methanol vinylation reaction mechanism. *International Journal of Quantum Chemistry*, **2008**, 108, 2630-2635 | 2.1 | 11 |
| 447 | Ethynedithiol-based polyeneoligosulfides as active cathode materials for lithium-sulfur batteries. *Journal of Applied Polymer Science*, **2008**, 107, 784-787 | 2.9 | 19 |
| 446 | A new approach to densely functionalised azepines and dihydroazepines. *Mendeleev Communications*, **2008**, 18, 164-166 | 1.9 | 14 |
| 445 | Complex of tris(Z-styryl)phosphine with PdCl2 as a new catalyst for the Sonogashira reaction. *Mendeleev Communications*, **2008**, 18, 318-319 | 1.9 | 6 |
| 444 | Reactions of 2-phenylpyrrole with bromobenzoylacetylene on metal oxides active surfaces. *Tetrahedron*, **2008**, 64, 5541-5544 | 2.4 | 44 |
| 443 | Expedient synthesis of pyrazoles substituted with amino, hydroxyl and thioamide groups. *Tetrahedron Letters*, **2008**, 49, 3104-3107 | 2 | 12 |
| 442 | Synthesis of metal complexes with 2-[bis(2-phenylethyl)-thiophophorylhydroxymethyl]-1-organilimidazoles. Crystal structure of ZnCl2 □ 2L. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2008**, 34, 480-492 | 1.6 | 4 |
| 441 | Hydrogen complexes of O-vinylacetoxime with trifluoroacetic acid. *Russian Journal of General Chemistry*, **2008**, 78, 585-591 | 0.7 | 1 |
| 440 | An unexpected reaction pattern of divinyl sulfoxide with potassium O-alkyl carbonodithioates under microwave assistance. *Russian Journal of General Chemistry*, **2008**, 78, 678-679 | 0.7 | |
| 439 | Reaction of vinyl sulfoxides with sodium sulfide and polysulfides. *Russian Journal of General Chemistry*, **2008**, 78, 933-938 | 0.7 | 2 |
| 438 | Nucleophilic addition of phosphine to vinyl sulfoxides. *Russian Journal of General Chemistry*, **2008**, 78, 1011-1013 | 0.7 | |
| 437 | First example of alkylation of secondary phosphine selenides. *Russian Journal of General Chemistry*, **2008**, 78, 1628-1630 | 0.7 | 4 |
| 436 | Redox reaction of red phosphorus with hydrosulfide anions in DMSO. *Russian Journal of General Chemistry*, **2008**, 78, 1816-1818 | 0.7 | 3 |
| 435 | Novel BODIPY preparations from sterically hindered pyrroles. Synthesis and photophysical behavior in solution, polystyrene nanoparticles, and solid phase. *Russian Journal of General Chemistry*, **2008**, 78, 2247-2256 | 0.7 | 7 |
| 434 | Nucleophilic addition to acetylenes in superbasic catalytic systems: XV. Vinylation of 2-hydroxymethylfuran. *Russian Journal of Organic Chemistry*, **2008**, 44, 120-123 | 0.7 | 4 |
| 433 | Incomparably easy migration of functionalized enol substituent in pyrrole ring. *Russian Journal of Organic Chemistry*, **2008**, 44, 237-246 | 0.7 | 2 |
| 432 | 13C-13C spin-spin coupling constants in structural studies: XLII. Stereochemical study on functionalized 2,5-dihydrofuran-2-imines. *Russian Journal of Organic Chemistry*, **2008**, 44, 388-396 | 0.7 | 5 |

| | | | |
|---|---|---|---|
| 431 | Chemoselective addition of secondary phosphine oxides to alkyl phenylethynyl ketones. *Russian Journal of Organic Chemistry*, **2008**, 44, 1245-1246 | 0.7 | 3 |
| 430 | Oxidative devinylation of N-vinylpyrroles. *Russian Journal of Organic Chemistry*, **2008**, 44, 1247-1248 | 0.7 | 4 |
| 429 | Formation of 5-phenyl-1-vinyl-1H-pyrrole-2-carbonitrile in the vinylation of 5-phenyl-1-vinyl-1H-pyrrole-2-carbaldehyde oxime with acetylene. *Russian Journal of Organic Chemistry*, **2008**, 44, 1395-1396 | 0.7 | 2 |
| 428 | 5-Bromo-2,3-diphenyl-1-vinyl-1H-pyrrole and 2,3,5-triphenyl-1-vinyl-1H-pyrrole. *Russian Journal of Organic Chemistry*, **2008**, 44, 1397-1398 | 0.7 | 0 |
| 427 | Nanoporous crosslinked macrocyclic polyethers based on diethylene glycol divinyl ether and their superbase complexes with KOH. *Polymer Science - Series B*, **2008**, 50, 150-154 | 0.8 | 1 |
| 426 | A mixture of tris(propenyl)phosphinoxides: A new effective collector reagent for copper-nickel ore flotation. *Theoretical Foundations of Chemical Engineering*, **2008**, 42, 731-732 | 0.9 | |
| 425 | Stereoactive lone pair of electrons on bismuth(III): tris(3-hydroxy-2-methyl-4H-pyran-4-onato)bismuth(III). *Arkivoc*, **2008**, 2008, 139-149 | 0.9 | 10 |
| 424 | Stereochemical Study of 2-Substituted N-Vinylpyrroles. *Australian Journal of Chemistry*, **2007**, 60, 583 | 1.2 | 15 |
| 423 | Annelation of Benzimidazoles with Acetylenic Hydroxyacid Nitriles and Hydrolytic Rearrangement of the Cycloadducts on Alumina. *European Journal of Organic Chemistry*, **2007**, 2007, 1018-1025 | 3.2 | 18 |
| 422 | Facile coupling of 2-(1-ethylthioethenyl)pyrroles with amines: A route to 2-(1-aminoethenyl)pyrroles and 1-amino-3-iminopyrrolizines. *Journal of Heterocyclic Chemistry*, **2007**, 44, 505-513 | 1.9 | 10 |
| 421 | Conformational study of 2-arylazo-1-vinylpyrroles. *Magnetic Resonance in Chemistry*, **2007**, 45, 142-51 | 2.1 | 16 |
| 420 | Bifurcated hydrogen-bonding effect on the shielding and coupling constants in trifluoroacetyl pyrroles as studied by 1H, 13C and 15N NMR spectroscopy and DFT calculations. *Magnetic Resonance in Chemistry*, **2007**, 45, 220-30 | 2.1 | 24 |
| 419 | Stereochemical study of iminodihydrofurans based on experimental measurements and SOPPA calculations of (13)C-(13)C spin-spin coupling constants. *Magnetic Resonance in Chemistry*, **2007**, 45, 758-65 | 2.1 | 14 |
| 418 | Direct vinylation of glucose derivatives with acetylene. *Tetrahedron*, **2007**, 63, 11661-11665 | 2.4 | 11 |
| 417 | Orange to black electrochromic behaviour in poly(2-(2-thienyl)-1H-pyrrole) thin films. *Electrochimica Acta*, **2007**, 52, 4784-4791 | 6.7 | 40 |
| 416 | Free-radical addition of phosphine sulfides to aryl and hetaryl acetylenes: unprecedented stereoselectivity. *Mendeleev Communications*, **2007**, 17, 181-182 | 1.9 | 13 |
| 415 | A peculiar selective rearrangement during the NiS-catalysed dehydrogenation of 4,5-dihydro-1H-benz[g]indole. *Mendeleev Communications*, **2007**, 17, 296-298 | 1.9 | 7 |
| 414 | Nucleophilic addition of secondary phosphine chalcogenides to, acetylenic hydroxy acid nitriles and a rearrangement of the adducts. *Mendeleev Communications*, **2007**, 17, 325-326 | 1.9 | 7 |

| | | | |
|---|---|---|---|
| 413 | Unexpected formation of 4-methyl-1-vinyl-β-carboline in the reaction of 3-acetylindole oxime with acetylene. *Mendeleev Communications*, **2007**, 17, 40-42 | 1.9 | 9 |
| 412 | Microwave activation of base-catalyzed reactions of divinyl sulfoxide with water. *Doklady Chemistry* , **2007**, 412, 5-6 | 0.8 | 2 |
| 411 | Ethynedithiol oligomers as cathode components of lithium-sulfur batteries. *Doklady Chemistry*, **2007**, 414, 125-127 | 0.8 | 5 |
| 410 | Cationic oligomerization and co-oligomerization of cholesteryl vinyl ether. *Doklady Chemistry*, **2007**, 414, 148-151 | 0.8 | 3 |
| 409 | N,N-dimethylhydroxylamine carbonate and oxalate as sources of N,N-dimethylaminoxyl radicals. *Doklady Chemistry*, **2007**, 415, 186-188 | 0.8 | |
| 408 | Pd(0)-arabinogalactan nanocomposites as catalysts for dimerization of acetylenic compounds. *Doklady Chemistry*, **2007**, 417, 261-263 | 0.8 | 13 |
| 407 | Crystal and molecular structures of the copper dichloride complex with 1-isopropenylimidazole. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2007**, 33, 358-363 | 1.6 | 2 |
| 406 | Chemoselective noncatalytic addition of secondary phosphine chalcogenides to citral. *Russian Journal of General Chemistry*, **2007**, 77, 409-414 | 0.7 | 5 |
| 405 | Reactions of elemental phoshorus and phosphine with electrophiles in superbasic systems: XIX. Formation of the C-P bond with participation of elemental phosphorus under microwave assistance. *Russian Journal of General Chemistry*, **2007**, 77, 415-420 | 0.7 | 7 |
| 404 | Fluorescence quenching and laser photolysis of dipyrrolylbenzenes in the presence of chloromethanes. *Russian Journal of General Chemistry*, **2007**, 77, 1386-1394 | 0.7 | 9 |
| 403 | Synthesis and properties of polyenic oligosulfides derived from acetylene and elemental sulfur. *Russian Journal of General Chemistry*, **2007**, 77, 1559-1566 | 0.7 | 5 |
| 402 | Reactions of elemental phosphorus and phosphine with electrophiles in superbasic systems: XX. Phosphorylation of 4-vinylbenzyl chloride with elemental phosphorus. *Russian Journal of General Chemistry*, **2007**, 77, 1880-1886 | 0.7 | 1 |
| 401 | Comparison of the electronic and steric structures of 1-vinyl-and 1-(prop-1-en-1-yl)pyrroles according to the 1H and 13C NMR data. *Russian Journal of Organic Chemistry*, **2007**, 43, 397-405 | 0.7 | 4 |
| 400 | 13C-13C spin-spin coupling constants in structural studies: XXXIX. Nonempirical calculations of heteroaromatic oximes. *Russian Journal of Organic Chemistry*, **2007**, 43, 872-879 | 0.7 | 5 |
| 399 | 13C-13C spin-spin coupling constants in structural studies: XL. Conformational analysis of N-vinylpyrroles. *Russian Journal of Organic Chemistry*, **2007**, 43, 880-887 | 0.7 | 8 |
| 398 | Electrophilic addition of alcohols to 1-vinyl-2-phenylazopyrroles and unexpected formation of 2-methylquinoline. *Russian Journal of Organic Chemistry*, **2007**, 43, 1495-1501 | 0.7 | 7 |
| 397 | Cholesterol vinyl ether in free-radical homo-and copolymerization reactions. *Polymer Science - Series B*, **2007**, 49, 65-69 | 0.8 | 2 |
| 396 | Copolymerization of N,N-diallyl-N,N-dimethylammonium chloride with ethylene glycol vinyl ether in aqueous medium. *Polymer Science - Series B*, **2007**, 49, 80-84 | 0.8 | 3 |

| | | | |
|---|---|---|---|
| 395 | 2-Arylazo-1-vinylpyrroles: Free-radical polymerization and copolymerization. *Polymer Science - Series B*, **2007**, 49, 292-296 | 0.8 | 11 |
| 394 | Synthesis and modification of 1-vinylpyrrole-2-carbaldehyde polymers. *Russian Chemical Bulletin*, **2007**, 56, 2209-2213 | 1.7 | 2 |
| 393 | Ab initio quantum-chemical study of the reaction mechanisms of acetylene in superbasic media. Noncatalytic vinylation of methanol. *Journal of Structural Chemistry*, **2007**, 48, S94-S99 | 0.9 | 3 |
| 392 | Ab initio quantum-chemical study of vinylation of pyrrole and 2-phenylazopyrrole with acetylene in a KOH/DMSO system. *Journal of Structural Chemistry*, **2007**, 48, S100-S110 | 0.9 | 2 |
| 391 | A peculiar vinylation of 1-substituted imidazoles with, □acetylenic □hydroxyacid nitriles. *Mendeleev Communications*, **2007**, 17, 237-238 | 1.9 | 9 |
| 390 | Base Catalyzed Double Addition of Secondary Phosphine Chalcogenides to Benzoylacetylene. *Letters in Organic Chemistry*, **2007**, 4, 109-111 | 0.6 | 13 |
| 389 | Synthesis of New Amino Acids with a 5-Imino-2,5-dihydro-3-furanyl Substituent□at the Amino Group. *Synthesis*, **2007**, 2007, 2641-2646 | 2.9 | 7 |
| 388 | Synthesis and electrochemical study of narrow band gap conducting polymers based on 2,2?-dipyrroles linked with conjugated aza-spacers. *Synthetic Metals*, **2007**, 157, 60-65 | 3.6 | 15 |
| 387 | Nanobiocomposites of noble metals based on arabinogalactan: Preparation and properties. *Journal of Structural Chemistry*, **2007**, 48, 922-927 | 0.9 | 36 |
| 386 | Acetylene: new prospects of classical reactions. *Russian Chemical Reviews*, **2007**, 76, 507-527 | 6.8 | 54 |
| 385 | Vinyl ethers with polysulfide and hydroxyl functions and polymers therefrom as binders for lithium□sulfur batteries. *Journal of Applied Polymer Science*, **2006**, 101, 4051-4055 | 2.9 | 21 |
| 384 | Reaction of Pyridine with Phenylcyanoacetylene: A New Route to Functionalized Polyconjugated 1,4-Dihydropyridine Systems. *European Journal of Organic Chemistry*, **2006**, 2006, 1581-1585 | 3.2 | 3 |
| 383 | 2-Arylazo-1-vinylpyrroles: A Novel Promising Family of Reactive Dyes. *European Journal of Organic Chemistry*, **2006**, 2006, 4021-4033 | 3.2 | 37 |
| 382 | Different types of hydrogen bonds in 2-substituted pyrroles and 1-vinyl pyrroles as monitored by (1)H, (13)C and (15)N NMR spectroscopy and ab initio calculations. *Magnetic Resonance in Chemistry*, **2006**, 44, 59-65 | 2.1 | 34 |
| 381 | A Polysulfide Based on Bis(thien-2-yl)sulfide: Synthesis and Testing as an Active Cathode Material. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2006**, 181, 1241-1247 | 1 | 2 |
| 380 | Oximes as reagents. *Russian Chemical Reviews*, **2006**, 75, 797-823 | 6.8 | 56 |
| 379 | Polymerization of pyridine oxirane zwitterions. *Doklady Chemistry*, **2006**, 408, 70-72 | 0.8 | |
| 378 | Vinylic nucleophilic substitution in functionalized 2-vinylpyrroles: a route to a new family of stable enols. *Tetrahedron*, **2006**, 62, 4146-4152 | 2.4 | 6 |

| | | | |
|---|---|---|---|
| 377 | Expedient synthesis of 1-vinylpyrrole-2-carbaldehydes. *Tetrahedron Letters*, **2006**, 47, 3693-3696 | 2 | 28 |
| 376 | Easy □to ╫migration of an enol moiety on a pyrrole ring. *Tetrahedron Letters*, **2006**, 47, 3645-3648 | 2 | 10 |
| 375 | Ethynylation of indoles with 1-benzoyl-2-bromoacetylene on Al2O3. *Tetrahedron Letters*, **2006**, 47, 7139-7141 | 2 | 23 |
| 374 | Noncatalytic hydrophosphorylation and hydrothiophosphorylation of hydroxyaldehydes. *Russian Journal of General Chemistry*, **2006**, 76, 98-102 | 0.7 | 2 |
| 373 | Chemoselective reaction of red phosphorus with 4-vinylbenzyl chloride: A convenient route to tris(4-vinylbenzyl)phosphine oxide. *Russian Journal of General Chemistry*, **2006**, 76, 325-326 | 0.7 | 4 |
| 372 | Reactions of elemental phosphorus and phosphine with electrophiles in superbasic systems: XVIII. Phosphorylation of 1-(chloromethyl)naphthalene with the elemental phosphorus. *Russian Journal of General Chemistry*, **2006**, 76, 708-713 | 0.7 | 4 |
| 371 | Crystal and molecular structures of the complexes of cobalt dichloride with 1-isopropenylimidazole and 1-vinylimidazole. *Russian Journal of General Chemistry*, **2006**, 76, 791-797 | 0.7 | 3 |
| 370 | Redox reactions of arabinogalactan with silver ions and formation of nanocomposites. *Russian Journal of General Chemistry*, **2006**, 76, 1111-1116 | 0.7 | 29 |
| 369 | Nucleophilic addition of secondary phosphine sulfides to divinyl sulfoxide and divinyl sulfone. *Russian Journal of General Chemistry*, **2006**, 76, 1201-1204 | 0.7 | 3 |
| 368 | Free-radical addition of secondary phosphine sulfides to vinyl sulfides. *Russian Journal of General Chemistry*, **2006**, 76, 1514-1515 | 0.7 | 5 |
| 367 | Reactions of 1,2-dihaloethanes with chalcogenide anions. *Russian Journal of Organic Chemistry*, **2006**, 42, 652-658 | 0.7 | 9 |
| 366 | N-isopropenylazoles: III. Quantum-chemical analysis of the reaction of azoles with allene and propyne in the gas phase. *Russian Journal of Organic Chemistry*, **2006**, 42, 1039-1044 | 0.7 | 3 |
| 365 | Synthesis of 2-benzoylethynylpyrroles by cross coupling of 2-arylpyrroles with 1-benzoyl-2-bromoacetylene over aluminum oxide. *Russian Journal of Organic Chemistry*, **2006**, 42, 1348-1355 | 0.7 | 11 |
| 364 | Superbase-catalysed addition of methanol to propyne and allene: an expedient synthesis of 2-methoxypropene. *Mendeleev Communications*, **2006**, 16, 13-14 | 1.9 | 4 |
| 363 | Transformations of cyanoacetylenic alcohols in the presence of the cyanide ion. *Mendeleev Communications*, **2006**, 16, 228-230 | 1.9 | 3 |
| 362 | Enediyne antibiotics and their models: new potential of acetylene chemistry. *Russian Chemical Reviews*, **2006**, 75, 825-845 | 6.8 | 30 |
| 361 | Copolymerization of N-allenylimidazole with di(ethylene glycol) divinyl ether and complexation of the copolymers with CuCl2. *Russian Chemical Bulletin*, **2006**, 55, 1010-1014 | 1.7 | |
| 360 | The structure of dihydropyrroloindoles: A quantum-chemical estimation of conjugation in cyclohexadiene systems. *Journal of Structural Chemistry*, **2006**, 47, 616-621 | 0.9 | 2 |

| | | | |
|---|---|---|---|
| 359 | Maltol tosylate and triflate possessing nonlinear optical properties. *Chemistry of Heterocyclic Compounds*, **2006**, 42, 1484-1485 | 1.4 | 1 |
| 358 | Microwave induced synthesis of diphenylthiophenes from elemental sulfur and styrene. *Chemistry of Heterocyclic Compounds*, **2006**, 42, 1486-1487 | 1.4 | 4 |
| 357 | Competitive Deprotonation in Vicinal O=SCH2CH2P=O Moieties. *Letters in Organic Chemistry*, **2006**, 3, 720-722 | 0.6 | 2 |
| 356 | Nucleophilic and free-radical additions of phosphines and phosphine chalcogenides to alkenes and alkynes. *Arkivoc*, **2006**, 2006, 12-36 | 0.9 | 66 |
| 355 | Effect of microwave irradiation on the reaction of elemental sulfur with Phenylacetylene. *Doklady Chemistry*, **2005**, 400, 3-6 | 0.8 | 1 |
| 354 | Synthesis of 3- and 5-amino-5-(3)-(pyrrol-2-yl)isoxazoles. *Tetrahedron*, **2005**, 61, 4841-4849 | 2.4 | 19 |
| 353 | Regio- and stereoselective annelation of phenanthridines with □acetylenic □hydroxyacid nitriles. *Tetrahedron*, **2005**, 61, 8031-8034 | 2.4 | 26 |
| 352 | Reaction of anabasine with 3-(1-hydroxycyclohexyl)-2-propynenitrile: a new route to functionalised anabasine alkaloids. *Mendeleev Communications*, **2005**, 15, 33-35 | 1.9 | 23 |
| 351 | Unexpected double □addition of secondary phosphine chalcogenides to 3-phenyl-2-propynenitrile. *Mendeleev Communications*, **2005**, 15, 183-184 | 1.9 | 11 |
| 350 | 2-(2-Benzoylethynyl)-5-phenylpyrrole: fixation of cis- and trans-rotamers in a crystal state. *Mendeleev Communications*, **2005**, 15, 229-232 | 1.9 | 14 |
| 349 | Synthesis, Structure, and Spectral Properties of Bis(pyrrol-2-yl)pyridines. *European Journal of Organic Chemistry*, **2005**, 2005, 4338-4345 | 3.2 | 25 |
| 348 | Isomer structures of thioketene and its cyclic oligomers. Ab initio calculations. *Journal of Structural Chemistry*, **2005**, 46, 28-33 | 0.9 | 6 |
| 347 | Synthesis and structure of bis(2-phenylethyl) phosphine selenide. *Journal of Structural Chemistry*, **2005**, 46, 1066-1071 | 0.9 | 27 |
| 346 | Synthesis of polyacetylene with sulfoxide functions. *Russian Chemical Bulletin*, **2005**, 54, 789-791 | 1.7 | 1 |
| 345 | Activation of white phosphorus in the coordination sphere of nickel complexes with □donor ligands. *Russian Chemical Bulletin*, **2005**, 54, 942-947 | 1.7 | 15 |
| 344 | Noncatalytic Regio- and Stereoselective Addition of Secondary Phosphines to Cyanoacetylenic Alcohols. *Russian Journal of General Chemistry*, **2005**, 75, 514-517 | 0.7 | |
| 343 | Reactions of Elemental Phosphorus and Phosphine with Electrophiles in Superbasic Systems: XVI. Phosphorylation of Benzyl Chloride with Elemental Phosphorus and Phosphine. *Russian Journal of General Chemistry*, **2005**, 75, 684-688 | 0.7 | 7 |
| 342 | Divinyl Sulfoxide: XI. Selective Addition of Carbonodithioate Anions to Divinyl Sulfoxide in the Water-Benzene System. *Russian Journal of General Chemistry*, **2005**, 75, 1247-1250 | 0.7 | 2 |

| | | | |
|---|---|---|---|
| 341 | Complex Compounds Based on 1-Isopropenylimidazoles and -pyrazole. *Russian Journal of General Chemistry*, **2005**, 75, 1283-1289 | 0.7 | 3 |
| 340 | Reactions of Elemental Phosphorus with Electrophiles in Super Basic Systems: XVII. Phosphorylation of Arylalkenes with Active Modifications of Elemental Phosphorus. *Russian Journal of General Chemistry*, **2005**, 75, 1367-1372 | 0.7 | 7 |
| 339 | Crystal and Molecular Structure of Bis(1-Vinylimidazole)diacetatozinc. *Russian Journal of General Chemistry*, **2005**, 75, 1469-1474 | 0.7 | 2 |
| 338 | First Example of Microwave Activation of Elementary Phosphorus in the Reaction with 2-Vinylpyridine. *Russian Journal of General Chemistry*, **2005**, 75, 1844-1845 | 0.7 | 5 |
| 337 | Cyanoacetylene and Its Derivatives: XXXII. Addition of Ammonia and Methylamine to 4-Hydroxy-4,4-diphenyl-2-butynenitrile. *Russian Journal of Organic Chemistry*, **2005**, 41, 61-66 | 0.7 | 4 |
| 336 | Structure of the Potassium Hydroxide-Dibenzo-18-crown-6 Complex. *Russian Journal of Organic Chemistry*, **2005**, 41, 610-616 | 0.7 | 1 |
| 335 | Nucleophilic Addition to Acetylenes in Superbasic Catalytic Systems: XIII. Fluoride Cesium Containing Systems, Efficient Catalysts for Alkanols Vinylation. *Russian Journal of Organic Chemistry* , **2005**, 41, 656-660 | 0.7 | 17 |
| 334 | Nucleophilic Addition to Acetylenes in Superbasic Catalytic Systems: XIV. Vinilation of Diols in a System CsF-NaOH. *Russian Journal of Organic Chemistry*, **2005**, 41, 661-666 | 0.7 | 6 |
| 333 | Cyanoacetylene and Its Derivatives: XXXIII. One-Pot Stereoselective Synthesis of Bis-iminodihydrofurans from 4-Hydroxy-4-methyl-2-pentynonitrile and Aromatic Amines. *Russian Journal of Organic Chemistry*, **2005**, 41, 884-890 | 0.7 | 4 |
| 332 | The Role of Potassium Cation in the Favorskii Ethynylation of Acetone: Effekt of Dibenzo-18-crown-6. *Russian Journal of Organic Chemistry*, **2005**, 41, 1254-1259 | 0.7 | 1 |
| 331 | 1H and 13C NMR Study of Bifurcated Intramolecular Hydrogen Bonds in 2,6-Bis(2-pyrrolyl)pyridine and 2,6-Bis(1-vinyl-2-pyrrolyl)pyridine. *Russian Journal of Organic Chemistry*, **2005**, 41, 1516-1521 | 0.7 | 10 |
| 330 | Atom-Economic, Solvent-Free, High Yield Synthesis of 2-(Pyrrol-1-yl)propyldiorganylphosphines. *Synthesis*, **2005**, 2005, 965-970 | 2.9 | 4 |
| 329 | Hydrothiophosphorylation of Vinyl Sulfoxides: First Examples. *Synthesis*, **2005**, 2005, 3103-3106 | 2.9 | 12 |
| 328 | Atom-Economic Synthesis of Tris[2-(organylthio)ethyl]phosphine Oxides from Phosphine and Vinyl Sulfides. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2005**, 180, 1749-1754 | 1 | 9 |
| 327 | Homolytic Adamantylation of 2- and 4-Alkylsulfonylpyridines. *Doklady Chemistry*, **2005**, 400, 3-6 | 0.8 | |
| 326 | An approach to the synthesis of 5-[1-(1-pyrrolyl)ethyl]-1-vinylpyrroles. *Arkivoc*, **2005**, 2001, 24-30 | 0.9 | 5 |
| 325 | Tricyanovinylpyrroles: synthesis, conformational structure, photosensitizing properties, and electrical conductivity. *Arkivoc*, **2005**, 2001, 37-48 | 0.9 | 9 |
| 324 | The reaction of 1-ethylthio-3-iminopyrrolizines with hydroxylamine. A new synthesis of 3-aminoisoxazoles. *Arkivoc*, **2005**, 2005, 28-35 | 0.9 | 5 |

| | | | |
|---|---|---|---|
| 323 | Silica-Assisted Reactions of Pyrroles with 1-Acyl-2-bromoacetylenes. *Synthesis*, **2004**, 2004, 2736-2742 | 2.9 | 2 |
| 322 | Atom-economic synthesis of tertiary 2-alkoxyethylphosphine sulfides. *Mendeleev Communications*, **2004**, 14, 216-217 | 1.9 | 8 |
| 321 | First Organophosphorus Nonlinear-Optical Media. *Doklady Chemistry*, **2004**, 394, 34-35 | 0.8 | |
| 320 | Ab Initio Study of the Acetylene–Allene Rearrangement in 2-Propargylpyrrole, 2-Propargylfuran, and 2-Propargylthiophene. *Journal of Structural Chemistry*, **2004**, 45, 5-11 | 0.9 | 1 |
| 319 | Quantum-Chemical Analysis of Coordination of Dimethylsulfoxide Molecules to Sodium and Potassium Cations. *Journal of Structural Chemistry*, **2004**, 45, 41-46 | 0.9 | 3 |
| 318 | Nucleophilic addition to acetylenes in superbasic catalytic systems. 12. Vinylation of lupinine. *Russian Chemical Bulletin*, **2004**, 53, 242-244 | 1.7 | 4 |
| 317 | Synthesis of 1,2-Bis(2-phenylethenylsulfanyl)-1-phenylethene from Phenylacetylene and Sodium Disulfide. *Russian Journal of General Chemistry*, **2004**, 74, 470-471 | 0.7 | 2 |
| 316 | Hydrogen Bonds in 2-(Diorganylphosphorylhydroxymethyl)-1-organylimidazoles. *Russian Journal of General Chemistry*, **2004**, 74, 540-544 | 0.7 | 2 |
| 315 | Facile Synthesis of Tris(1-naphthylmethyl)phosphine Oxide: A Route to Design of Complexing Luminophores. *Russian Journal of General Chemistry*, **2004**, 74, 635-636 | 0.7 | 2 |
| 314 | Rhodium(I) Tristyrylphosphine Cyclooctadiene Complexes. *Russian Journal of General Chemistry*, **2004**, 74, 838-841 | 0.7 | 1 |
| 313 | Reactions of Elemental Phosphorus and Phosphine with Electrophiles in Superbasic Systems: XV. Phosphorylation of Allyl Halides with Elemental Phosphorus. *Russian Journal of General Chemistry*, **2004**, 74, 1091-1096 | 0.7 | 1 |
| 312 | Reaction of Activated Red Phosphorus with Allyl Bromide under Phase-Transfer Catalysis. *Russian Journal of General Chemistry*, **2004**, 74, 1128-1129 | 0.7 | 2 |
| 311 | Synthesis of Tertiary Bisphosphine Oxides from Methylacetylene and Secondary Phosphine Oxides. *Russian Journal of Organic Chemistry*, **2004**, 40, 129-130 | 0.7 | 3 |
| 310 | Functional Methacryloyloxy Acetals: V. Electrophilic Addition of Carboxylic Acids to 2-Vinyloxyethyl Methacrylate. *Russian Journal of Organic Chemistry*, **2004**, 40, 307-310 | 0.7 | 0 |
| 309 | Controlled Cyclization of 1,3-Dilithiopropargylbenzene Adduct with Phenyl Isothiocyanate: Highly Selective Synthesis of Iminothietane and Iminocyclobutene. *Russian Journal of Organic Chemistry*, **2004**, 40, 753-754 | 0.7 | 5 |
| 308 | C-vinylpyrroles as pyrrole building blocks. *Chemical Reviews*, **2004**, 104, 2481-506 | 68.1 | 159 |
| 307 | Effect of microwave irradiation on the reaction of elemental sulfur with Phenylacetylene. *Doklady Chemistry*, **2004**, 399, 240-241 | 0.8 | 6 |
| 306 | Theoretical Analysis and Experimental Study of the Spatial Structure and Isomerism of Acetone Azine and Its Cyclization to 3,5,5-Trimethyl-4,5-dihydro-1H-pyrazole. *Journal of Structural Chemistry*, **2004**, 45, 748-755 | 0.9 | 5 |

| | | | |
|---|---|---|---|
| 305 | Quantum-Chemical Study of the Profiles of Reactions that Form Pyrrole Anion N-Adducts with CS2 and CO2. *Journal of Structural Chemistry*, **2004**, 45, 940-944 | 0.9 | |
| 304 | First example of hydro-thiophosphorylation of 3-thiolene 1,1-dioxide. *Chemistry of Heterocyclic Compounds*, **2004**, 40, 1370-1372 | 1.4 | 1 |
| 303 | Chemo-, regio-, and stereoselective addition of secondary phosphine sulfides to unsaturated aldehydes. *Russian Journal of General Chemistry*, **2004**, 74, 1625-1626 | 0.7 | 2 |
| 302 | Theoretical study of the double bond migration mechanism with participation of hydroxide ion. *International Journal of Quantum Chemistry*, **2004**, 100, 367-374 | 2.1 | 1 |
| 301 | Pyrrole anion addition to carbon disulfide: An ab initio study. *International Journal of Quantum Chemistry*, **2004**, 100, 360-366 | 2.1 | 3 |
| 300 | From 1,4-diketones to N-vinyl derivatives of 3,3?-bipyrroles and 4,8-dihydropyrrolo[2,3-f]indole in just two preparative steps. *Tetrahedron Letters*, **2004**, 45, 3789-3791 | 2 | 18 |
| 299 | Ethynylation of pyrroles with 1-acyl-2-bromoacetylenes on alumina: a formal nverse Sonogashira coupling *Tetrahedron Letters*, **2004**, 45, 6513-6516 | 2 | 79 |
| 298 | Addition of secondary phosphines to a vinyl ether of diacetone-d-glucose: a new approach to optically active phosphines and their derivatives. *Tetrahedron Letters*, **2004**, 45, 9143-9145 | 2 | 9 |
| 297 | CHEMO- AND STEREOSELECTIVE ADDITION OF DIORGANYLPHOSPHINE OXIDES TO ETHYLENIC ALDEHYDES. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2004**, 179, 7-18 | 1 | 16 |
| 296 | An expedient synthesis of methyl vinyl sulfide from dimethyl disulfide and acetylene. *Journal of Sulfur Chemistry*, **2004**, 25, 395-399 | 2.3 | 3 |
| 295 | ETHYNETHIOL-BASED POLYENEPOLYSULFIDES FROM ACETYLENE AND ELEMENTAL SULFUR: SYNTHESIS AND PROPERTIES. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2004**, 179, 35-47 | 1 | 8 |
| 294 | Addition of secondary phosphines to divinyl sulfide. *Sulfur Letters*, **2003**, 26, 63-66 | | 3 |
| 293 | 4-Phenyl-2-[(Z)-phenylmethylidene]-1,3-dithiole from Elemental Sulfur and Phenylacetylene. *Chemistry of Heterocyclic Compounds*, **2003**, 39, 128-129 | 1.4 | 4 |
| 292 | Biographical radiation-induced defect formation as a method for the activation of red phosphorus in reactions with arylalkenes. *Russian Chemical Bulletin*, **2003**, 52, 511-512 | 1.7 | 1 |
| 291 | Radical Intermediates of Nucleophilic Addition of Pyrroles to Disubstituted Activated Acetylenes. *Doklady Chemistry*, **2003**, 390, 137-140 | 0.8 | |
| 290 | Controlled defect formation in elemental phosphorus as method for its chemical activation. *Russian Chemical Bulletin*, **2003**, 52, 1239-1252 | 1.7 | 6 |
| 289 | N-Isopropenylazoles: I. Direct N-Isopropenylation of Azoles with Propyne and Allene. *Russian Journal of Organic Chemistry*, **2003**, 39, 408-414 | 0.7 | 19 |
| 288 | Nitromethane Reaction with Acetylene in KOH-DMSO System. *Russian Journal of Organic Chemistry*, **2003**, 39, 269-270 | 0.7 | 0 |

| | | | |
|---|---|---|---|
| 287 | Functional Acetal Methacrylates: IV. Electrophophilic Addition of Triazoles to Vinyloxyalkyl Methacrylates. *Russian Journal of Organic Chemistry*, **2003**, 39, 585-588 | 0.7 | 2 |
| 286 | Organylthiochloroacetylenes: VI. Reaction of Alkylthiochloroacetylenes with Sodium Azide. *Russian Journal of General Chemistry*, **2003**, 73, 782-785 | 0.7 | 8 |
| 285 | Tertiary Phosphine Oxides in Reaction with Benzaldehyde. *Russian Journal of General Chemistry*, **2003**, 73, 877-879 | 0.7 | 5 |
| 284 | Gas-Phase Vinylation of N-Methylacetamide. *Russian Journal of General Chemistry*, **2003**, 73, 940-946 | 0.7 | 3 |
| 283 | Unexpected 1:2 Annelation of 4,5,6,7-Tetrahydroindole with 1-Benzoyl-2-phenylacetylene. *Chemistry of Heterocyclic Compounds*, **2003**, 39, 1115-1116 | 1.4 | 2 |
| 282 | Nanocomposites with Magnetic, Optical, Catalytic, and Biologically Active Properties Based on Arabinogalactan. *Doklady Chemistry*, **2003**, 393, 287-288 | 0.8 | 28 |
| 281 | Quantum Chemical Study of the Lithium Cation Coordination by Dimethylsulfoxide Molecules. *Journal of Structural Chemistry*, **2003**, 44, 927-931 | 0.9 | 6 |
| 280 | Quantum Chemical Study of Spatial Structure and Stereoelectronic Properties of Iminodihydrofuran Ensembles. *Journal of Structural Chemistry*, **2003**, 44, 932-945 | 0.9 | |
| 279 | Reaction of Secondary Phosphine Oxides with Aromatic Aldehydes. *Russian Journal of General Chemistry*, **2003**, 73, 1354-1357 | 0.7 | 9 |
| 278 | Reactions of 1-Allenylpyrazole and 1-Allenyl-1,2,4-triazole with Hydrogen Chloride and Metal Chlorides. *Russian Journal of General Chemistry*, **2003**, 73, 1634-1640 | 0.7 | 5 |
| 277 | First Example of Pyrrols C-Vinylation by an Activated Acetylene Under Catalysis with Bases. *Russian Journal of Organic Chemistry*, **2003**, 39, 1195-1196 | 0.7 | 3 |
| 276 | N-Isopropenylazoles: II. Fragmentation of N-Isopropenylazoles under Electron Impact. *Russian Journal of Organic Chemistry*, **2003**, 39, 1325-1328 | 0.7 | 1 |
| 275 | Synthesis of 1,2-Divinyloxypropenes from Glycerol and Acetylene in the Superbasic System CsF-NaOH-DMSO. *Russian Journal of Organic Chemistry*, **2003**, 39, 1356-1357 | 0.7 | 1 |
| 274 | Cyclooligomerization of Acetylene with Acetonitrile to 2-Amino-3-(1-iminoethyl)-6-methylpyridine in the System KOH-CH3CN. *Russian Journal of Organic Chemistry*, **2003**, 39, 1358-1359 | 0.7 | 1 |
| 273 | Synthesis and X-Ray Diffraction Study of 2-(2-Acyl-1-phenylethenyl)pyrroles. *Russian Journal of Organic Chemistry*, **2003**, 39, 1636-1643 | 0.7 | 5 |
| 272 | Addition of secondary phosphines to N-vinylpyrroles. *Tetrahedron Letters*, **2003**, 44, 2629-2632 | 2 | 17 |
| 271 | Regio- and stereospecific addition of phosphines to cyanoacetylenes. *Tetrahedron*, **2003**, 59, 4789-4794 | 2.4 | 10 |
| 270 | Cascade cyclization of quinoline and quinoxaline with nitriles of □acetylenic □hydroxy acids. *Mendeleev Communications*, **2003**, 13, 186-188 | 1.9 | 25 |

| | | | |
|---|---|---|---|
| 269 | Phosphorylation of Allyl Halides with White Phosphorus. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2003**, 178, 425-429 | 1 | 8 |
| 268 | Reaction of pyrrole-2-carbodithioates with CH-acids: Stereospecific synthesis of new functional 2-vinylpyrroles. *Sulfur Letters*, **2003**, 26, 95-100 | | 4 |
| 267 | Sulfurization of Polymers: A Novel Access to Electroactive and Conducting Materials. *Sulfur Reports*, **2003**, 24, 283-305 | | 19 |
| 266 | Electrophilic and Nucleophilic Addition of Alkanethiols to 2-Vinyloxyethylmethacrylate. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2003**, 178, 2087-2093 | 1 | 4 |
| 265 | Theoretical analysis of pyrrole anions addition to carbon disulfide and carbon dioxide. *International Journal of Quantum Chemistry*, **2002**, 88, 542-548 | 2.1 | 6 |
| 264 | O-Vinyldiaryl- and O-vinylaryl(hetaryl)ketoximes: a breakthrough in O-vinyloxime chemistry. *Tetrahedron*, **2002**, 58, 10043-10046 | 2.4 | 28 |
| 263 | Regioselective addition of secondary phosphine oxides to 3-(trialkylsilyl)- and 3-(trialkylgermyl)-2-propynals. *Journal of Organometallic Chemistry*, **2002**, 659, 172-175 | 2.3 | 18 |
| 262 | A facile annelation of pyridines with nitriles of □-acetylenic □-hydroxyacids. *Tetrahedron Letters*, **2002**, 43, 1093-1096 | 2 | 35 |
| 261 | Poly(methylene diselenide) and poly(methylene seleno-polysulfido-selenides), -[-CH2Se2-] n -, -[-CH2SeS m Se-] n -. *Sulfur Letters*, **2002**, 25, 229-234 | | 3 |
| 260 | Sulfur-rich copolymers of sulfur with 5-vinylbicyclo[2.2.1]hept-2-ene and tricyclo[5.2.1.0 2.6]deca-3,8-diene as prospective cathode materials for lithium cells. *Sulfur Letters*, **2002**, 25, 219-227 | | 10 |
| 259 | Sulfur Versus Oxygen in Interaction with the Double Bond: AB Initio Study of Electronic Structure and Prototropic Rearrangement of 1-Methoxy-2-propene and 1-Methylthio-2-propene. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2002**, 177, 2931-2940 | 1 | 2 |
| 258 | Effect of X-ray Irradiation on the Reactivity of Red Phosphorus in the Synthesis of Organophosphorus Compounds. *Doklady Chemistry*, **2002**, 382, 19-20 | 0.8 | 1 |
| 257 | Synthesis of Functionally-substituted Pyrrolothiazolidines from Pyrrole-2-carbodithioates, CH-acids, and Haloacetylenes. *Chemistry of Heterocyclic Compounds*, **2002**, 38, 86-94 | 1.4 | 5 |
| 256 | Strong intramolecular hydrogen bond N□H...O in 2-(2-acyl-1-phenylethenyl)-5-phenylpyrroles. *Russian Chemical Bulletin*, **2002**, 51, 111-116 | 1.7 | 11 |
| 255 | Solvatochromism of Heteroaromatic Compounds: X. 2-Phenylpyrrolide Anion. *Russian Journal of General Chemistry*, **2002**, 72, 116-121 | 0.7 | 1 |
| 254 | Organylthiochloroacetylenes: V. Dimerization of Alkylthiochloroacetylenes in the Presence of Sodium Sulfite. *Russian Journal of General Chemistry*, **2002**, 72, 418-425 | 0.7 | |
| 253 | Sulfurization of polymers. 5. Poly(6-methyl-5-sulfanylthieno[2,3-b]pyridine-4-thione), poly(thieno[2,3-b]azepine-4,5(6H)-dithione), and related structures from poly(2-methyl-5-vinylpyridine) and elemental sulfur. *Russian Chemical Bulletin*, **2002**, 51, 282-289 | 1.7 | 3 |
| 252 | Reactions of Elemental Phosphorus and Phosphine with Electrophiles in Superbasic Systems: XIV.1 Phosphorylation of 2-Vinylnaphthalene with Elemental Phosphorus and Phosphines in the KOH-DMSO System. *Russian Journal of General Chemistry*, **2002**, 72, 371-375 | 0.7 | 12 |

| | | | |
|---|---|---|---|
| 251 | Acetylene-allene rearrangement of propargyl systems XCH2C?CH (X = H, Me, NMe2, OMe, F, SMe): an ab initio study. *Russian Chemical Bulletin*, **2002**, 51, 774-782 | 1.7 | 17 |
| 250 | New Electrochemically Active Highly Sulfurized Polyconjugated Polymers. *Russian Journal of Electrochemistry*, **2002**, 38, 188-192 | 1.2 | 4 |
| 249 | An Unexpected Redox Reaction between Tris(Z-phenylethenyl)phosphine and 4-Hydroxy-4-methyl-2-pentynonitrile. *Russian Journal of General Chemistry*, **2002**, 72, 1141-1141 | 0.7 | 3 |
| 248 | Metal Complexes of 1-Allenylimidazoles. *Russian Journal of General Chemistry*, **2002**, 72, 1294-1298 | 0.7 | |
| 247 | Efficient Synthesis of 1-(2-Propynyl)pyrrole. *Russian Journal of Organic Chemistry*, **2002**, 38, 1073-1075 | 0.7 | 2 |
| 246 | Functional Acetal Methacrylates: III. Electrophilic Addition of Diols to 2-(Vinyloxy)ethyl Methacrylate. *Russian Journal of Organic Chemistry*, **2002**, 38, 1082-1087 | 0.7 | 4 |
| 245 | Cyanoacetylene and Its Derivatives. 30. Reactions of 2,3-Dimercaptoquinoxaline with 3-Phenyl-2-propynonitrile and 4-Alkyl-4-hydroxy-2-alkynonitriles. *Chemistry of Heterocyclic Compounds*, **2002**, 38, 974-980 | 1.4 | 1 |
| 244 | Oxidative Methoxycarbonylation of Propyne and Allene with Carbon Monoxide and Methanol in the Presence of Copper-palladium Catalyst. *Russian Journal of Organic Chemistry*, **2002**, 38, 1088-1092 | 0.7 | 6 |
| 243 | Non-catalytic Addition of 1,2,4-Triazole to Nucleophilic and Electrophilic Alkenes. *Chemistry of Heterocyclic Compounds*, **2002**, 38, 981-985 | 1.4 | 13 |
| 242 | Sulfurization of polymers. 6. Poly(vinylene polysulfide), poly(thienothiophene), and related structures from polyacetylene and elemental sulfur. *Russian Chemical Bulletin*, **2002**, 51, 1709-1714 | 1.7 | 10 |
| 241 | Unusual Thermal Rearrangements of N-Cyclohexylidene-4-methyl-1-(methylthio)penta-1,3-dien-1-amine. *Chemistry of Heterocyclic Compounds*, **2002**, 38, 1230-1232 | 1.4 | 2 |
| 240 | 1H and 13C NMR Study of Steric and Electronic Structure of 2-(2-Acylethenyl)-1-vinylpyrroles. *Russian Journal of Organic Chemistry*, **2002**, 38, 1775-1781 | 0.7 | 3 |
| 239 | Cyanoacetylene and Its Derivatives: XXXI. Nucleophilic Addition of 2- and 4-Mercaptopyridines to Cyanacetylenes. *Russian Journal of Organic Chemistry*, **2002**, 38, 1681-1685 | 0.7 | 7 |
| 238 | Selective Noncatalytic Hydration of N-(1,1-Dimethyl-2-propynyl)-acetamide to N-(1,1-Dimethyl-2-oxopropyl)acetamide. *Russian Journal of Organic Chemistry*, **2002**, 38, 1808-1809 | 0.7 | 0 |
| 237 | Features of 2-, 3-Aminopyridines and 2-Aminopyrimidine Condensation with 2-Formylimidazoles. *Russian Journal of Organic Chemistry*, **2002**, 38, 1674-1680 | 0.7 | 6 |
| 236 | [3,2]-Sigmatropic Rearrangement of Acyloxy Nitronic Acids into Geminal Acyloxy Nitroso Compounds. *Russian Journal of Organic Chemistry*, **2002**, 38, 1431-1433 | 0.7 | 7 |
| 235 | Functionally substituted 1,3-diethenyl [1,2- c ][1,3]pyrrolothiazoles from pyrrole-2-carbodithioates. *Sulfur Letters*, **2002**, 25, 87-93 | | 11 |
| 234 | Reaction of 3-(1-Hydroxycyclohexyl)-2-propynenitrile with Tris[2-(4-pyridyl)ethyl]phosphine Oxide. *Synthesis*, **2002**, 2002, 853-855 | 2.9 | 42 |

| | | | |
|---|---|---|---|
| 233 | Acetylene and its Derivatives in Reactions with Nucleophiles: Recent Advances and Current Trends. *Current Organic Chemistry*, **2002**, 6, 1121-1162 | 1.7 | 135 |
| 232 | Synthesis ofC-vinylpyrroles. *Russian Chemical Reviews*, **2002**, 71, 563-591 | 6.8 | 25 |
| 231 | Reaction Of Metallated Allenes With Phenylsulfinylamine. *Sulfur Letters*, **2002**, 25, 1-6 | | |
| 230 | Polyfunctional 1,3-Dithiolanes from 5,5-Dialkyl-4-Cyanomethylene-1,3-Oxathiolan-2-Ones. *Sulfur Letters*, **2002**, 25, 7-13 | | |
| 229 | Cu-Catalyzed Oxidative Phosphorylation of Alkanols with White Phosphorus and H 2 O 2. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2002**, 177, 2385-2390 | 1 | 5 |
| 228 | Unexpected formation of derivatives of cyclobutene and thiacyclobutane from the reaction between dilithiated benzylacetylene and isothiocyanates. *Tetrahedron Letters*, **2001**, 42, 4687-4689 | 2 | 20 |
| 227 | Oxidative Methoxycarbonylation of Allene in the Presence of a Copper–Palladium Catalyst. *Doklady Chemistry*, **2001**, 378, 119-121 | 0.8 | 1 |
| 226 | Poly(methylhydrosiloxane) Homodehydrocondensation Catalysis with Poly(ethylene Glycol) Chains. *Doklady Chemistry*, **2001**, 377, 112-113 | 0.8 | 2 |
| 225 | Reaction of Phenylacetylene with Primary Phosphines as a Convenient Way to Nonsymmetric Tertiary Phosophines and Their Derivatives. *Russian Journal of General Chemistry*, **2001**, 71, 1907-1911 | 0.7 | 6 |
| 224 | Insertion of Elemental Sulfur into the Se-Se Bond of Diorganyl Diselenides. Synthesis of Bis-alkyl(seleno) Polysulfides. *Russian Journal of General Chemistry*, **2001**, 71, 1903-1906 | 0.7 | 2 |
| 223 | Mass spectra of new groups of functionalized heterocycles. 4. 1-Alkyl-2-(alkylthio)pyrroles. *Russian Chemical Bulletin*, **2001**, 50, 2390-2393 | 1.7 | 2 |
| 222 | Sulfurization of polymers. 4. Poly(4,5,6,7-tetrathiono-4,5,6,7-tetrahydrobenzothiophene-2,3-diyl) and related structures based on polystyrene and elemental sulfur. *Russian Chemical Bulletin*, **2001**, 50, 253-260 | 1.7 | 4 |
| 221 | Reaction of alkylthiochloroacetylenes with sodium azide. *Russian Chemical Bulletin*, **2001**, 50, 751-752 | 1.7 | 5 |
| 220 | Possible intramolecular rearrangements of O-vinyloximes initiated by N–O bond dissociation: a quantum-chemical analysis. *Russian Chemical Bulletin*, **2001**, 50, 764-770 | 1.7 | 3 |
| 219 | Reaction of Vinylpyridines with Active Modifications of Elemental Phosphorus in KOH/DMSO. *Chemistry of Heterocyclic Compounds*, **2001**, 37, 576-580 | 1.4 | 6 |
| 218 | Reactions of Elemental Phosphorus and Phosphines with Electrophiles in Superbasic Systems: XIII. Phosphorylation of Phenylacetylene with Active Modifications of Elemental Phosphorus. *Russian Journal of General Chemistry*, **2001**, 71, 721-723 | 0.7 | 8 |
| 217 | Reaction of Activated Red Phosphorus with Phenylacetylene in the KOH-HMPA System. *Russian Journal of General Chemistry*, **2001**, 71, 643-643 | 0.7 | 1 |
| 216 | Reactions of Elemental Phosphorus and Phosphines with Electrophiles in Superbasic Systems: XII. Synthesis of Unsymmetrical Tertiary Phosphine Oxides from Red Phosphorus and Organyl Halides. *Russian Journal of General Chemistry*, **2001**, 71, 718-720 | 0.7 | |

| | | | |
|---|---|---|---|
| 215 | Trifluoroacetylation of Ketone O-Vinyloximes. *Russian Journal of Organic Chemistry*, **2001**, 37, 334-338 | 0.7 | 3 |
| 214 | Reactions of Elemental Phosphorus and Phosphine with Electrophiles in Superbasic Media: XI.1 Phosphorylation of 4-Methoxybenzyl Chloride with Elemental Phosphorus and Phosphine. *Russian Journal of General Chemistry*, **2001**, 71, 58-60 | 0.7 | 3 |
| 213 | Catalysis of Electrophilic Addition of Alcohols to Alkoxyalkenes by Lithium Salts. *Russian Journal of General Chemistry*, **2001**, 71, 319-320 | 0.7 | |
| 212 | Solvatochromism of Heteroaromatic Compounds: VII. Bifurcate Hydrogen Bond in Solvatochromic Complexes of 2-(1,2,2-Tritricyanovinyl)pyrrole. *Russian Journal of General Chemistry*, **2001**, 71, 234-242 | 0.7 | 2 |
| 211 | Cyanoacetylene and Its Derivatives. 29. New Data on Synthesis and Properties of Substituted 1,3-Oxathiolan-2-ones. *Chemistry of Heterocyclic Compounds*, **2001**, 37, 903-906 | 1.4 | 1 |
| 210 | Cyanoacetylene and Its Derivatives: XXVI. Hydrohalogenation of 4-Alkyl-4-hydroxy-2-alkynenitriles. *Russian Journal of Organic Chemistry*, **2001**, 37, 649-654 | 0.7 | 0 |
| 209 | Reactions of Pyrrole-1- and Pyrrole-2-carbodithioates with Activated Acetylenes. *Russian Journal of Organic Chemistry*, **2001**, 37, 547-551 | 0.7 | 4 |
| 208 | Cyanoacetylene and Its Derivatives: XXVII. 5,5-Dialkyl-4-azido-2,5-dihydrofuran-2-imine. *Russian Journal of Organic Chemistry*, **2001**, 37, 700-703 | 0.7 | 2 |
| 207 | Nucleophilic Addition to Acetylenes in Superbasic Catalytic Systems: X. Catalytic Effect of Alkali Metal Hydroxides in the Vinylation of 1-Heptanol. *Russian Journal of Organic Chemistry*, **2001**, 37, 940-945 | 0.7 | 6 |
| 206 | Cyanoacetylene and Its Derivatives: XXVIII. Reactions of 2-Mercaptobenzothiazole with Nitriles of Acetylene Hydroxyacids and with 3-Phenyl-2-propynonitrile. *Russian Journal of Organic Chemistry*, **2001**, 37, 859-865 | 0.7 | 2 |
| 205 | Ab initio Study of the Reaction of Pyrrole Anions with Carbon Disulfide. *Journal of Structural Chemistry*, **2001**, 42, 536-543 | 0.9 | 1 |
| 204 | Nucleophilic Addition to Acetylenes in Superbasic Catalytic Systems: XI. Transformations of Alkali Metal Hydroxides during Vinylation of 1-Heptanol with Acetylene under Elevated Pressure. *Russian Journal of Organic Chemistry*, **2001**, 37, 1553-1558 | 0.7 | 10 |
| 203 | Functional Methacryloyoxy Acetals: II. Electophilic Addition of Alcohols to Vinyloxyalkyl Methacrylates. *Russian Journal of Organic Chemistry*, **2001**, 37, 1683-1687 | 0.7 | 3 |
| 202 | Organylthiochloroacetylenes: IV. Reaction with Thiourea. *Russian Journal of General Chemistry*, **2001**, 71, 1721-1725 | 0.7 | 5 |
| 201 | A New Route to 1,2,3-Propanetrithiol. *Russian Journal of General Chemistry*, **2001**, 71, 1771-1772 | 0.7 | 1 |
| 200 | Solvatochromism of Heteroaromatic Compounds: VIII. 2-(Tricyanovinyl)-5-phenylpyrrole. *Russian Journal of General Chemistry*, **2001**, 71, 1701-1707 | 0.7 | 3 |
| 199 | Reaction of Tribenzylphosphine Oxide with Aldehydes. *Russian Journal of Organic Chemistry*, **2001**, 37, 1726-1730 | 0.7 | 2 |
| 198 | Organylthiochloroacetylenes: III. Nucleophilic Addition of Di(2-phenylethyl)phosphine Oxide to Alkylthiochloroacetylenes: Configuration and Conformation of Adducts. *Russian Journal of General Chemistry*, **2001**, 71, 1717-1720 | 0.7 | 5 |

| | | | |
|---|---|---|---|
| 197 | Assembling of Complex Heterocyclic Ensembles, Schiff Bases, from 5-Amino-3-[2-(4,5,6,7-tetrahydroindolyl)]pyrazoles and 1-Vinyl(ethyl)-2-formylimidazoles. *Russian Journal of Organic Chemistry*, **2001**, 37, 1736-1740 | 0.7 | 3 |
| 196 | TRIS[(5-CHLORO-2-THIENYL)METHYL] PHOSPHINE OXIDE FROM ELEMENTAL PHOSPHORUS AND 2-CHLORO-5-(CHLOROMETHYL) THIOPHENE. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2001**, 175, 163-167 | 1 | 12 |
| 195 | Configurational and conformational analysis of O-vinyl ketoximes by 1H and 13C NMR spectroscopy. *Magnetic Resonance in Chemistry*, **2000**, 38, 994-1000 | 2.1 | 22 |
| 194 | Reaction of Pyrrole Anions with Carbon Disulfide. Synthesis of Pyrrole-3-carbodithioates. *Tetrahedron*, **2000**, 56, 7325-7329 | 2.4 | 13 |
| 193 | Synthesis of Heterocyclic Compounds from Metallated Unsaturated Compounds and Isothiocyanates. (Review). *Chemistry of Heterocyclic Compounds*, **2000**, 36, 1241-1260 | 1.4 | 25 |
| 192 | Reactions of alkali metal acetylides with red phosphorus. *Mendeleev Communications*, **2000**, 10, 66 | 1.9 | 3 |
| 191 | Sulfurization of polymers. *Russian Chemical Bulletin*, **2000**, 49, 863-869 | 1.7 | 6 |
| 190 | Sulfurization of polymers. *Russian Chemical Bulletin*, **2000**, 49, 870-873 | 1.7 | 3 |
| 189 | Multiple bond migration with participation of a protophilic agent. *Russian Chemical Bulletin*, **2000**, 49, 408-414 | 1.7 | 1 |
| 188 | Multiple bond migration with participation of a protophilic agent. *Russian Chemical Bulletin*, **2000**, 49, 415-420 | 1.7 | 2 |
| 187 | Mass spectra of new groups of functionalized heterocycles. *Russian Chemical Bulletin*, **2000**, 49, 1548-1551 | 1.7 | 2 |
| 186 | Synthesis of 3-hydroxy-1-methyl-2-(methylthio) pyrrole from methyl isothiocyanate and prop-2-yn-1-ol. *Russian Chemical Bulletin*, **2000**, 49, 1634-1636 | 1.7 | 9 |
| 185 | Hydration and protonation ofO-vinylacetoxime in the gas phase: anab initio study. *Russian Chemical Bulletin*, **2000**, 49, 601-604 | 1.7 | 2 |
| 184 | Nucleophilic addition of 2-hydroxyquinoxaline to acetylenes. *Russian Chemical Bulletin*, **2000**, 49, 740-743 | 1.7 | 1 |
| 183 | Reaction of (alkylthio)chloroacetylenes with thiourea. *Russian Chemical Bulletin*, **2000**, 49, 1319-1319 | 1.7 | 2 |
| 182 | One-step synthesis of unsymmetrical tertiary phosphine oxides from red phosphorus and organyl halides. *Russian Chemical Bulletin*, **2000**, 49, 1320-1320 | 1.7 | 1 |
| 181 | Quantum-chemical study of the protonation of pyrrolo[2,1-b]thiazole and its selenium and tellurium analogs. *Russian Chemical Bulletin*, **2000**, 49, 1691-1695 | 1.7 | 1 |
| 180 | Synthesis of 5-alkoxy-2-alkylthio-3-pyrrol-2-ylpyrroles. *Chemistry of Heterocyclic Compounds*, **2000**, 36, 876-877 | 1.4 | 7 |

| | | | |
|---|---|---|---|
| 179 | SOME FEATURES OF THE REDUCTION OF POLY(METHYLENE SULFIDES) AND POLY(METHYLENE POLYSULFIDES). *Phosphorus, Sulfur and Silicon and the Related Elements*, **2000**, 162, 51-63 | 1 | 5 |
| 178 | Synthesis and Thermal Stability of O-Vinylketoximes. *Synthesis*, **2000**, 2000, 1125-1132 | 2.9 | 22 |
| 177 | Direct Vinylation of Cholesterol with Acetylene. *Synthesis*, **2000**, 2000, 1521-1522 | 2.9 | 9 |
| 176 | Dimerization of (Alkylthio)Chloroacetylenes Initiated By Sodium Sulfite. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2000**, 165, 191-195 | 1 | 1 |
| 175 | A Convenient Synthesis of Primary 2-Hydroxyorganophosphines from Red Phosphorus and Oxiranes. *Synthesis*, **2000**, 2000, 65-66 | 2.9 | 6 |
| 174 | REARRANGEMENT IN THE ACETYLENIC NUCLEOPHILIC SUBSTITUTION WITH THE O-ALKYL CARBONODITHIOATE ANIONS. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2000**, 158, 81-89 | 1 | 3 |
| 173 | REACTION OF METALLATED ACETYLENES WITH PHENYLSULFINYLAMINE. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2000**, 159, 143-148 | 1 | 2 |
| 172 | Bipyrroles, furyl- and thienylpyrroles. *Russian Chemical Reviews*, **1999**, 68, 459-482 | 6.8 | 27 |
| 171 | Phosphine in the synthesis of organophosphorus compounds. *Russian Chemical Reviews*, **1999**, 68, 215-227 | 6.8 | 63 |
| 170 | Acetylene-based Functionalized Dihydrofuranones and Related Biomimetic Assemblies. *Heterocycles*, **1999**, 51, 2485 | 0.8 | 30 |
| 169 | Dipole moments and molecular conformations ofO-vinyl- andO-ethylacetoximes in solutions. *Russian Chemical Bulletin*, **1999**, 48, 1664-1669 | 1.7 | 2 |
| 168 | Addition of secondary phosphines to phenylcyanoacetylene as a route to functional phosphines. *Mendeleev Communications*, **1999**, 9, 163-164 | 1.9 | 11 |
| 167 | Multiple bond migration with participation of a protophilic agent. *Russian Chemical Bulletin*, **1999**, 48, 35-41 | 1.7 | 6 |
| 166 | Sulfurization of polymers. *Russian Chemical Bulletin*, **1999**, 48, 459-462 | 1.7 | 4 |
| 165 | Polyethylene oxide–polysiloxane branched copolymers and networks. *Russian Chemical Bulletin*, **1999**, 48, 463-469 | 1.7 | |
| 164 | Multiple bond migration with participation of a protophilic agent. *Russian Chemical Bulletin*, **1999**, 48, 653-658 | 1.7 | 2 |
| 163 | Pyrroles as C-nucleophiles in reactions with acylacetylenes. *Russian Chemical Bulletin*, **1999**, 48, 1542-1547 | 1.7 | 8 |
| 162 | Reactivity of primary and secondary alcohols in nucleophilic addition to a triple bond: the vinylation of butane-1,3-diol. *Russian Chemical Bulletin*, **1999**, 48, 2347-2349 | 1.7 | 1 |

| | | | |
|---|---|---|---|
| 161 | Reactions of unsaturated carbanions with isothiocyanates: A new avenue to fundamental heterocycles. *Journal of Heterocyclic Chemistry*, **1999**, 36, 1469-1490 | 1.9 | 33 |
| 160 | A Versatile Synthetic Method for Preparing 1,2,3,5-Tetrasubstituted Pyrroles Using Isothiocyanates and 2-Alkynyl Ethers or 2-Alkynylamines as Building Units. *European Journal of Organic Chemistry*, **1999**, 1999, 2663-2664 | 3.2 | 15 |
| 159 | Trifluoroacetylation of O-vinyl acetoxime. *Mendeleev Communications*, **1999**, 9, 238-239 | 1.9 | 5 |
| 158 | An example of the facile C-vinylation of pyrroles. *Mendeleev Communications*, **1998**, 8, 119 | 1.9 | 8 |
| 157 | One-Pot Syntheses of 2-N-Alkylamino-, 2-N-Phenylamino-, 2-N, N-Dialkylamino-, and 2-N-Alkyl-N-phenylaminothiophenes. *European Journal of Organic Chemistry*, **1998**, 1998, 253-256 | 3.2 | 27 |
| 156 | Dimerization of methyl isothiocyanate to the 2-mercapto-1-methylimidazole-5(4H)-thione anion under the action of a superbase. *Russian Chemical Bulletin*, **1998**, 47, 187-188 | 1.7 | 1 |
| 155 | Ambident isothiocyanatomethanide anion for regioselective synthesis of thiazoles. *Russian Chemical Bulletin*, **1998**, 47, 523-524 | 1.7 | 1 |
| 154 | Synthesis of organic phosphines and phosphine oxides from elemental phosphorus and phosphine in the presence of strong bases. *Russian Chemical Bulletin*, **1998**, 47, 1645-1652 | 1.7 | 16 |
| 153 | Synthesis of derivatives of 2-imino-5,6-dihydro-2H-thiopyran from 1-heteroalkyl-1,3-butadienes and isothiocyanates. *Tetrahedron Letters*, **1998**, 39, 2631-2634 | 2 | 15 |
| 152 | Synthesis of 1-alkyl-5,6-bis(alkylthio)-1,2-dihydropyridines and their thermally induced conversion into 1-alkyl-3-alkylthio-2H-pyridine-2-thiones. *Tetrahedron Letters*, **1998**, 39, 1995-1996 | 2 | 16 |
| 151 | Application of copper catalysis in a one-pot procedure for 1-alkyl-3-methoxy-2-methylthiopyrroles starting from methoxyallene and alkyl isothiocyanates. *Tetrahedron Letters*, **1998**, 39, 2409-2410 | 2 | 42 |
| 150 | Synthesis of 3-heteroalkyl-2-N-organylaminothiophenes. The first proof for amino-imino tautomerism of N-monosubstituted aminothiophenes. *Tetrahedron Letters*, **1998**, 39, 2433-2436 | 2 | 22 |
| 149 | A CONVENIENT SYNTHESIS OF TERTIARY PHOSPHINES FROM RED PHOSPHORUS AND ARYL- OR HETEROARYLETHENES. *Phosphorus, Sulfur and Silicon and the Related Elements*, **1997**, 126, 125-128 | 1 | 9 |
| 148 | Multiple bond migration with participation of a protophilic agent. *Russian Chemical Bulletin*, **1997**, 46, 1677-1682 | 1.7 | 1 |
| 147 | A new method for the synthesis of diorganylvinylphosphine oxides. *Russian Chemical Bulletin*, **1997**, 46, 1799-1801 | 1.7 | 3 |
| 146 | An unexpected pathway of the reaction of lithiated 1,1-dimethylallene with isopropyl isothiocyanate. *Russian Chemical Bulletin*, **1997**, 46, 832-833 | 1.7 | 1 |
| 145 | A new method for the synthesis of ﷺacetylenic phosphines. *Russian Chemical Bulletin*, **1997**, 46, 849-850 | 1.7 | 8 |
| 144 | Unexpected transformations ofO-vinylacetophenone oxime in the system ButOK-THF. *Russian Chemical Bulletin*, **1997**, 46, 594-596 | 1.7 | 1 |

| | | | |
|---|---|---|---|
| 143 | Polymerization of 1-allenylpyrroles. *Russian Chemical Bulletin*, **1997**, 46, 1855-1858 | 1.7 | |
| 142 | Synthesis ofN-allenylazoles from azoles and propargyl chloride or 1,2,3-trichloropropane in one preparative step. *Russian Chemical Bulletin*, **1997**, 46, 1901-1903 | 1.7 | |
| 141 | Synthesis of 2,3-dihydropyridines, cyclobutanopyrrolines and quinolines from lithiated allenes and isothiocyanates. *Tetrahedron Letters*, **1997**, 38, 6905-6908 | 2 | 35 |
| 140 | Synthesis of 2,5-bis(N,N-dialkylamino)thiophenes or 1-alkyl-2-N,N-dialkylamino-5-methylthiopyrroles from propargylic amines and isothiocyanates. *Tetrahedron Letters*, **1997**, 38, 7241-7242 | 2 | 41 |
| 139 | Phosphorus-Containing Heterocyclic Compounds Derived from N-Vinylpyrroles. *Heteroatom Chemistry*, **1997**, 8, 495-499 | 1.2 | 12 |
| 138 | Unsaturated Isothiocyanates. *Sulfur Reports*, **1996**, 17, 183-385 | | 13 |
| 137 | New synthesis of quinolines from lithiated allenes and isothiocyanates. *Russian Chemical Bulletin*, **1996**, 45, 2873-2874 | 1.7 | 5 |
| 136 | 5,6-Dihydropyridines from isothiocyanates and lithiated 1-(alkylthio)propynes. *Russian Chemical Bulletin*, **1996**, 45, 2670-2671 | 1.7 | 7 |
| 135 | Dimerization of 1-vinyl-4,5,6,7-tetrahydroindole in the presence of acids. *Russian Chemical Bulletin*, **1996**, 45, 407-409 | 1.7 | 4 |
| 134 | Reaction of lithioalkoxyallenes with isothio-cyanates: Synthesis of pyrroles and 5,6-dihydropyridines. *Chemistry of Heterocyclic Compounds*, **1996**, 32, 781-782 | 1.4 | 5 |
| 133 | 3-H-pyrrolizin-3-ones. *Chemistry of Heterocyclic Compounds*, **1996**, 32, 783-788 | 1.4 | 4 |
| 132 | 3x-pyrrolizin-3-ones. *Chemistry of Heterocyclic Compounds*, **1996**, 32, 43-47 | 1.4 | |
| 131 | Generation of Phosphide Anions from Phosphorus Red and Phosphine in Strongly Basic Systems to Form Organylphosphines and -Oxides. *Phosphorus, Sulfur and Silicon and the Related Elements*, **1996** , 109, 601-604 | 1 | 5 |
| 130 | t-Butyl Alcohol-Assisted Fission of the P-P Bonds in Red Phosphorus with Lithium in Liquid Ammonia. *Phosphorus, Sulfur and Silicon and the Related Elements*, **1996**, 111, 175-175 | 1 | 6 |
| 129 | Reaction of Red Phosphorus and Phosphine with Aryl(Hetaryl)Ethenes and -Ethynes. *Phosphorus, Sulfur and Silicon and the Related Elements*, **1996**, 111, 174-174 | 1 | 5 |
| 128 | Reaction of Phosphorus Red with Dihaloalkanes under Phase-Transfer Conditions. *Phosphorus, Sulfur and Silicon and the Related Elements*, **1996**, 111, 173-173 | 1 | |
| 127 | Pyrrole-2-dithiocarboxylates: Synthesis of 2-(1-Alkylthio-2-cyanoethenyl)pyrroles. *Tetrahedron*, **1995**, 51, 4223-4230 | 2.4 | 16 |
| 126 | The base-catalysed rearrangement of O-propargyl ketoximes to N-1-alkenyl acryl amides. *Tetrahedron Letters*, **1995**, 36, 9181-9184 | 2 | 14 |

| | | | |
|---|---|---|---|
| 125 | Antiviral activity of ammonium salts of ╫alkylthiopropionic acids. *Pharmaceutical Chemistry Journal* , **1995**, 29, 63-65 | 0.9 | |
| 124 | Cleavage of PP Bonds in Phosphorus. An Efficient Method for the Preparation of Primary Alkylphosphines. *Mendeleev Communications*, **1995**, 5, 14-15 | 1.9 | 18 |
| 123 | Base-Catalyzed Addition of Phosphine to Aryl- and Hetarylethynes. An Efficient Method for the Preparation of 2-Substituted Trivinylphosphines. *Synthesis*, **1995**, 1995, 387-388 | 2.9 | 9 |
| 122 | Efficient One-Pot Procedures for the Preparation of Secondary Phosphines. *Synthetic Communications*, **1994**, 24, 3219-3223 | 1.7 | 11 |
| 121 | Sulfur-Containing Pyrroles. *Phosphorus, Sulfur and Silicon and the Related Elements*, **1994**, 95, 145-163 | 1 | 13 |
| 120 | Efficient Preparative-Scale Procedures for the Pd-Catalyzed Methoxycarbonylation of Acetylenes. *Synthetic Communications*, **1994**, 24, 85-88 | 1.7 | 15 |
| 119 | Nucleophilic addition of phosphine to aryl- and hetarylethenes a convenient synthesis of bis(2-arylalkyl)- and bis(2-hetaralkyl)phosphines. *Tetrahedron Letters*, **1994**, 35, 7647-7650 | 2 | 82 |
| 118 | A novel method for synthesizing diorganylphosphinous acids from red phosphorus and arylalkenes. *Russian Chemical Bulletin*, **1994**, 43, 1591-1592 | 1.7 | 1 |
| 117 | Sulfur derivatives of vinyl ethers. *Sulfur Reports*, **1994**, 15, 339-380 | | 6 |
| 116 | Sulfur-Containing Vinyl Ethers. *Sulfur Reports*, **1994**, 15, 237-310 | | 4 |
| 115 | Further Development of the Ketoxime-based Pyrrole Synthesis. *Heterocycles*, **1994**, 37, 1193 | 0.8 | 47 |
| 114 | Facile One-Pot Syntheses of 1-Allenylpyrroles. *Synthesis*, **1993**, 1993, 571-572 | 2.9 | 14 |
| 113 | NMR spectra and structures of protonated 1-vinylpyrroles. *Chemistry of Heterocyclic Compounds*, **1993**, 29, 40-48 | 1.4 | 1 |
| 112 | Protonated forms of 2-(2-thienyl)pyrroles. Investigation by means of 1H NMR spectroscopy and MNDO calculations. *Chemistry of Heterocyclic Compounds*, **1993**, 29, 711-719 | 1.4 | |
| 111 | Protonation of 2-(2-thienyl)pyrrole and 2-(2-thienyl)-1-vinylpyrroles. *Journal of Physical Organic Chemistry*, **1993**, 6, 471-477 | 2.1 | 8 |
| 110 | Divinyl Disulfides: Synthesis and Properties. *Sulfur Reports*, **1992**, 12, 1-55 | | 7 |
| 109 | Chalcogenation in Multiphase Superbase Systems. *Sulfur Reports*, **1992**, 11, 207-227 | | 56 |
| 108 | Protonated forms of 2-(2-furyl)pyrroles and their interconversion: proton NMR and quantum-chemical (MNDO) study. *Journal of Organic Chemistry*, **1992**, 57, 3934-3938 | 4.2 | 9 |

| | | | |
|---|---|---|---|
| 107 | Formation of free radicals in the vinylation of 2-substituted pyrroles with acetylenes in a KOH-DMSO system. *Chemistry of Heterocyclic Compounds*, **1992**, 28, 884-889 | 1.4 | 3 |
| 106 | Condensation of ketoximes with phenylacetylene. *Chemistry of Heterocyclic Compounds*, **1992**, 28, 406-408 | 1.4 | 2 |
| 105 | N-allenylation of pyrroles using 1,2,3-trichloropropane. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1991**, 40, 1918-1918 | | 1 |
| 104 | Vinylmethylsulfoxide in the Pummerer reaction. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1991**, 40, 1919-1919 | | 1 |
| 103 | Conformational structure of divinyl sulfide. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1991**, 40, 1351-1354 | | |
| 102 | Conformational study of N-vinyl-2-isopropyl- and N-vinyl-2-cyclopropylpyrroles by1H and13C NMR. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1991**, 40, 914-921 | | |
| 101 | Correlation of the molecular orbitals of organic sulfides (selenides) and five-membered heterocyclic compounds by photoelectron spectroscopy. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1991**, 40, 2029-2036 | | 1 |
| 100 | Unexpected result of the reaction of 2-vinyloxyethyl isothiocyanate with bromoacetic acid. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1991**, 40, 2079-2080 | | |
| 99 | Protonation of 1,4-bis(1-vinyl-2-pyrrolyl)benzene. *Chemistry of Heterocyclic Compounds*, **1991**, 27, 832-836 | 1.4 | |
| 98 | Quantum-chemical investigation of the protonated forms of 2-(2-furyl)pyrrole. *Chemistry of Heterocyclic Compounds*, **1991**, 27, 583-590 | 1.4 | |
| 97 | A convenient synthesis of esters of 2-pyrroledithiocarboxylic acids. *Chemistry of Heterocyclic Compounds*, **1991**, 27, 801-701 | 1.4 | |
| 96 | Stereochemical aspects of pyrrole formation from substituted piperidin-4-one oximes and acetylene. *Chemistry of Heterocyclic Compounds*, **1991**, 27, 1095-1100 | 1.4 | 3 |
| 95 | Elemental phosphorus–strong base as a system for the synthesis of organophosphorus compounds. *Russian Chemical Reviews*, **1991**, 60, 1360-1367 | 6.8 | 45 |
| 94 | SUPERBASE-INDUCED GENERATION OF PHOSPHIDE AND PHOSPHINITE IONS AS APPLIED IN ORGANIC SYNTHESIS. *Phosphorus, Sulfur and Silicon and the Related Elements*, **1991**, 55, 271-274 | 1 | 15 |
| 93 | Cycloalka[b]pyrroles from ketoximes and acetylene: Synthesis and kinetic investigation. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1990**, 39, 773-776 | | 2 |
| 92 | Intramolecular interactions in N-vinyl-2-arylpyrroles and -2-heteroarylpyrroles by 1H and 13C NMR. *Magnetic Resonance in Chemistry*, **1990**, 28, 580-586 | 2.1 | 36 |
| 91 | Preparation of Pyrroles from Ketoximes and Acetylenes. *Advances in Heterocyclic Chemistry*, **1990**, 51, 177-301 | 2.4 | 58 |
| 90 | Divinyl Sulfoxide: Synthesis, Properties, and Applications. *Sulfur Reports*, **1989**, 9, 95-141 | | 13 |

| | | | |
|---|---|---|---|
| 89 | Synthesis of pyrroles from aliphatic compounds. *Russian Chemical Reviews*, **1989**, 58, 163-180 | 6.8 | 23 |
| 88 | Reaction of red phosphorus with benzyl halides in a superbase system. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1989**, 38, 430-430 | | 1 |
| 87 | Photoelectron and ultraviolet absorption spectra of allenyl vinyl ethers. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1989**, 38, 1848-1851 | | |
| 86 | Pyrroles from ketoximes and acetylene. 39. Effect of the nature of the alkali metal cation and the solvent on the reaction rate in MOH-DMSO systems. *Chemistry of Heterocyclic Compounds*, **1989**, 25, 635-638 | 1.4 | |
| 85 | Unusual reaction of a cyclic thiocarbonate with secondary amines. *Chemistry of Heterocyclic Compounds*, **1989**, 25, 713-714 | 1.4 | |
| 84 | Protonated forms of 2-(2-furyl)pyrroles and their interconversions. *Chemistry of Heterocyclic Compounds*, **1989**, 25, 1122-1133 | 1.4 | |
| 83 | Oligomerization of N-vinylpyrroles under the action of sodium metal. *Chemistry of Heterocyclic Compounds*, **1989**, 25, 1190-1191 | 1.4 | |
| 82 | Synthesis of pyrroles from heterocyclic compounds (review). *Chemistry of Heterocyclic Compounds*, **1989**, 25, 237-253 | 1.4 | 2 |
| 81 | Pyrroles from ketoximes and acetylene. *Chemistry of Heterocyclic Compounds*, **1989**, 25, 39-43 | 1.4 | 2 |
| 80 | Diene autocondensation of 3,3-dimethyl-2-phenyl- and 3,3-dimethyl-2-(2-thienyl)-3H-pyrroles. *Chemistry of Heterocyclic Compounds*, **1989**, 25, 1314-1315 | 1.4 | 6 |
| 79 | Electrophilic addition of phenols to 1-vinyl-4,5,6,7-tetrahydroindole. *Chemistry of Heterocyclic Compounds*, **1989**, 25, 501-503 | 1.4 | |
| 78 | Prospects for the chemistry of pyrrole. *Russian Chemical Reviews*, **1989**, 58, 967-976 | 6.8 | 13 |
| 77 | Pyrroles from ketoximes and acetylene. No. 36. 4,4,6,6-Tetramethyl-4,5,6,7-tetrahydro-5-azaindole, its nitroxyl and vinyl derivatives, and spin-labelled copolymer. *Chemistry of Heterocyclic Compounds*, **1988**, 24, 285-289 | 1.4 | 3 |
| 76 | Synthesis of tristyrylphosphine from red phosphorus and phenylacetylene in a superbase system. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1988**, 37, 1284-1284 | | 4 |
| 75 | Rotational Isomerism of Vinyl Ethers and Sulfides. *Sulfur Reports*, **1987**, 7, 337-375 | | 13 |
| 74 | Basicity of saturated solutions of alkali metal hydroxides in dimethylsulfoxide. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1986**, 35, 682-686 | | 8 |
| 73 | Novel polyfunctional spiroheterocyclics based on acetylenic hydroxyacids. *Chemistry of Heterocyclic Compounds*, **1986**, 22, 1160-1160 | 1.4 | |
| 72 | Vinyl ether of 2,2,6,6-tetramethyl-4-hydroxypiperidine-1-oxyl and its oligomers. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1986**, 35, 2522-2526 | | |

| | | | |
|---|---|---|---|
| 71 | Divinyl sulfoxide Communication 7. Nucleophilic addition of triorganylsilylalkanethiols and trialkylsilylalkanols to divinyl sulfoxide. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1985**, 34, 813-816 | | |
| 70 | Divinyl sulfide. Communication 12. Kinetics of the reaction of acetylene with sodium hydrosulfide in aqueous DMSO. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1985**, 34, 1350-1357 | | 1 |
| 69 | Pyrroles from ketoximes and acetylene. 29. Synthesis of alkylpyrroles from dialkylketoximes and dichloroethane by reaction with KOH-DMSO. *Chemistry of Heterocyclic Compounds*, **1985**, 21, 46-49 | 1.4 | 5 |
| 68 | A new route to 3H-pyrroles. *Chemistry of Heterocyclic Compounds*, **1985**, 21, 1299-1299 | 1.4 | 4 |
| 67 | Polymerisation ofN-Vinylpyrroles. *Russian Chemical Reviews*, **1985**, 54, 609-618 | 6.8 | 22 |
| 66 | Synthesis and biological activity of organylthioselenides. *Pharmaceutical Chemistry Journal*, **1984**, 18, 11-13 | 0.9 | 2 |
| 65 | Synthesis and antisilicotic activity of copolymers of N-vinylpyrrolidone with ethylene glycol vinyl glycidyl ether. *Pharmaceutical Chemistry Journal*, **1984**, 18, 43-46 | 0.9 | 1 |
| 64 | Alkaline catalysis of the acetalization of ethyleneglycol monovinyl ether. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1984**, 33, 1532-1533 | | |
| 63 | Carbon-carbon coupling constants - a new guide in the stereochemistry of oximes. *Tetrahedron Letters*, **1984**, 25, 4817-4820 | 2 | 62 |
| 62 | Divinyl Sulfide: Synthesis, Properties, and Applications. *Sulfur Reports*, **1984**, 3, 323-393 | | 44 |
| 61 | New Reactions and Chemicals Based on Sulfur and Acetylene. *Sulfur Reports*, **1983**, 3, 83-114 | | 20 |
| 60 | Dimerizaticn of 1-vinyl-4,5,6,7-tetrahydroindole under the influence of HCl. *Chemistry of Heterocyclic Compounds*, **1983**, 19, 223-223 | 1.4 | 1 |
| 59 | Conversion of O-vinyl alkyl aryl (hetaryl) ketoximes to pyrroles in the KOH-DMSO system. *Chemistry of Heterocyclic Compounds*, **1983**, 19, 227-227 | 1.4 | 1 |
| 58 | 4H-2-hydroxy-2,3-dihydropyrroles Intermediates in the formation of pyrroles from ketoximes and acetylene in the KOH-DMSO system. *Chemistry of Heterocyclic Compounds*, **1983**, 19, 231-231 | 1.4 | 3 |
| 57 | Thermal transformations of divinyl sulfone in the gas phase. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1983**, 32, 844-846 | | 3 |
| 56 | Reaction of tertiary cyanoacetylenic alcohols with hydrogen bromide. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1983**, 32, 1494-1495 | | |
| 55 | Nonempirical investigation of acetylene complexes with cations of alkali metals 4. Vinylidene structures and barriers to their isomerization. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1983**, 32, 1783-1787 | | |
| 54 | Protonated forms of vinyl ethers. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1983**, 32, 886-889 | | |

| | | | |
|---|---|---|---|
| 53 | Study of conjugation effects by means of NMR spectroscopy 21. Factor analysis of NMR parameters of alkyl phenyl ethers and sulfides. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1983**, 32, 953-958 | | 1 |
| 52 | Pyrroles from ketoximes and acetylene. 24. Acidic hydrolysis of 1-vinylpyrroles. *Chemistry of Heterocyclic Compounds*, **1982**, 18, 1257-1265 | 1.4 | 3 |
| 51 | Pyrroles from ketoximes and acetylene. 22. Dihaloethanes in place of acetylene in reactions with cyclohexanone oxime. *Chemistry of Heterocyclic Compounds*, **1982**, 18, 920-923 | 1.4 | 2 |
| 50 | Synthesis and antimicrobial activity of some pyrroles. *Pharmaceutical Chemistry Journal*, **1981**, 15, 168-171 | 0.9 | |
| 49 | Reactions of Acetylene in Superbasic Media. *Russian Chemical Reviews*, **1981**, 50, 138-150 | 6.8 | 50 |
| 48 | Polymerization of N-vinylpyrrols. *Journal of Polymer Science: Polymer Chemistry Edition*, **1980**, 18, 1547-1550 | | 6 |
| 47 | Pyrroles from ketoximes and acetylene. 14. Quantitative estimate of the effect of substituents on the NH acidities of pyrroles. *Chemistry of Heterocyclic Compounds*, **1980**, 16, 488-495 | 1.4 | 2 |
| 46 | Pyrroles from ketoximes and acetylene. 11. Conformation of 1-vinylpyrroles from1H NMR data. *Chemistry of Heterocyclic Compounds*, **1980**, 16, 241-243 | 1.4 | 2 |
| 45 | Pyrroles from ketoximes and acetylene 8. Synthesis of 4,5,6,7-tetrahydroindole and its 1-vinyl derivative. *Chemistry of Heterocyclic Compounds*, **1979**, 15, 163-166 | 1.4 | 4 |
| 44 | Conformations and temperature variation of the dipole moments of the alkoxy- and alkylthioethenes and their heteroorganic analogs. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1979**, 28, 79-85 | | 1 |
| 43 | Cyanoacetylene and its derivatives 1. Synthesis of substituted cyanoacetylenes and their reaction with glycols. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1978**, 27, 754-756 | | 2 |
| 42 | Reaction of N-acyl salts of heteroaromatic cations with 4,5,6,7-tetrahydroindole A possible pathway to 2-heterylindoles. *Chemistry of Heterocyclic Compounds*, **1978**, 14, 127-129 | 1.4 | 1 |
| 41 | Unusual reaction of trialkylsilylalkanethiols with divinyl sulfoxide. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1978**, 27, 1478-1478 | | |
| 40 | Pyrroles from ketoximes and acetylene.. *Chemistry of Heterocyclic Compounds*, **1978**, 14, 399-401 | 1.4 | 2 |
| 39 | Pyrroles from ketoximes and acetylene. *Chemistry of Heterocyclic Compounds*, **1978**, 14, 41-46 | 1.4 | |
| 38 | Two pathways for the protolysis of 1-(alkythio)-1-buten-3-ynes and the effect of cis-trans isomerism. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1978**, 27, 133-138 | | |
| 37 | Free-radical addition of alkanethiols to 1-vinylpyrroles. *Chemistry of Heterocyclic Compounds*, **1977**, 13, 1305-1309 | 1.4 | 1 |
| 36 | One-step synthesis of 2,2?-thienylpyrroles from methyl 2-thienyl ketoxime and acetylene. *Chemistry of Heterocyclic Compounds*, **1977**, 13, 920-920 | 1.4 | 1 |

| | | | |
|---|---|---|---|
| 35 | Vinylation of pyrroles in dimethyl sulfoxide. *Chemistry of Heterocyclic Compounds*, **1977**, 13, 170-171 | 1.4 | 2 |
| 34 | Selective hydrogenation of the vinyl group of 1-vinylpyrroles. *Chemistry of Heterocyclic Compounds*, **1977**, 13, 172-173 | 1.4 | |
| 33 | NMR spectroscopic study of coupling effects. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1977**, 26, 525-527 | | 1 |
| 32 | IR spectral and dipole moment studies of the conformational isomerism of vinyl sulfides. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1977**, 26, 302-306 | | 1 |
| 31 | Hydrosilylation of diallyl and divinyl sulfides by dialkylfluorosilanes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1977**, 26, 2361-2363 | | 1 |
| 30 | N-vinyl-α(trifluoroacetyl) pyrroles. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1977**, 26, 2446-2446 | | |
| 29 | Synthesis of 2-thiabicyclo[3.2.0]hept-3-enes by reaction of acetylene with sodium sulfide. *Chemistry of Heterocyclic Compounds*, **1976**, 12, 745-748 | 1.4 | 1 |
| 28 | New synthesis of 1-vinyl-2-arylpyrroles. *Chemistry of Heterocyclic Compounds*, **1975**, 11, 1214-1214 | 1.4 | |
| 27 | New pathway in the condensation of acetone oxime with acetylene. *Chemistry of Heterocyclic Compounds*, **1975**, 11, 1216-1216 | 1.4 | 1 |
| 26 | Ultraviolet absorption spectra of vinyl sulfides. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1975**, 24, 388-389 | | |
| 25 | NMR-13C spectra and effects of conjugation in alkoxy- and alkylthioethylenes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1975**, 24, 501-505 | | 4 |
| 24 | High-temperature liquid-phase degradation of 1,3-dioxocyclanes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1975**, 24, 2276-2276 | | |
| 23 | Kinetics and mechanism of the acid catalytic hydrolysis of 1-alkylthio-1-buten-3-ynes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1975**, 24, 1856-1860 | | |
| 22 | Stereospecific synthesis of cis-4-phosphonomethyl-1,3-dioxolanes by addition of dialkyl phosphites to divinyl ethers of gem-diols. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1974**, 23, 623-628 | | 1 |
| 21 | Influence of structure on the ratio and nature of the rotamers of vinyl ethers. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1972**, 21, 103-108 | | |
| 20 | New variation of the alkaline cleavage of dialkyl disulfides. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1971**, 20, 2176-2178 | | |
| 19 | 2-alkylthiopropionaldehyde mercaptals. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1971**, 20, 541-544 | | |
| 18 | Stereochemistry of the vinylation of thiols. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1971**, 20, 1835-1836 | | |

| | | | |
|---|---|---|---|
| 17 | Divinyl ethers of glycols in homolytic reactions with carbon tetrachloride and aldehydes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1971**, 20, 1924-1927 | | |
| 16 | Infrared spectra and rotational isomerism of certain crystalline vinyl ethers. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1971**, 20, 1359-1361 | | |
| 15 | Comparative estimate of p-π interaction in vinyl ethers and sulfides. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1971**, 20, 1486-1487 | | |
| 14 | Kinetic isotope effect of deuterium in the reaction of vinyl ethyl ether with ethanol in benzene. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1971**, 20, 358-359 | | |
| 13 | The reaction of l,3-dioxolanes with Normant's reagent. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1968**, 17, 1815-1817 | | |
| 12 | Complex formation in the reaction of 1,3-dioxolanes with Grignard reagent. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1968**, 17, 2458-2462 | | |
| 11 | Unusual temperature relation of the kinetics isotope effect of deuterium in the addition of alcohols to vinyl ethers. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1968**, 17, 893-893 | | |
| 10 | On the anomalous behavior of thiodiglycol under conditions of the vinylation reaction. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1966**, 15, 522-524 | | 1 |
| 9 | Interaction of 1, 3-dioxa-2-silacyclanes and their oligomers with alklymagnesium and arylmagnesium halides. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1966**, 15, 1239-1240 | | |
| 8 | Vinyl ethers, containing the silico-acetylenic fragment. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1966**, 15, 1806-1807 | | |
| 7 | Cleavage of 1,3-dioxo-2-silacyclanes and their oligomers by acid halides of carboxylic acids. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1966**, 15, 352-353 | | |
| 6 | Reaction of 2-methyl-1,3-dioxolan with vinylethynylmagnesium bromide and the structure of the iotsich complex. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1966**, 15, 1957-1959 | | |
| 5 | Vinyl sulfides659-797 | | 7 |
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| 2 | Electrochemical Aromatization of Dihydroazines: Effect of Chalcogenophosphoryl (CGP) Substituents on Anodic Oxidation of 9-CGP-9,10-dihydroacridine. *Synthesis*,53, | 2.9 | 1 |
| 1 | Oxalylacetylenes as Dielectrophiles for Annulation of Quinoline Ring: Synthesis of Highly Functionalized 1,3-Oxazinoquinolines. *Synthesis*, | 2.9 | 1 |