

# Boris A Trofimov

## List of Publications by Year in descending order

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1,122  
papers

11,559  
citations

76031

42  
h-index

139680

61  
g-index

1262  
all docs

1262  
docs citations

1262  
times ranked

6094  
citing authors

#	ARTICLE	IF	CITATIONS
1	C-Vinylpyrroles as Pyrrole Building Blocks. <i>Chemical Reviews</i> , 2004, 104, 2481-2506.	23.0	167
2	Organoelement chemistry: promising growth areas and challenges. <i>Russian Chemical Reviews</i> , 2018, 87, 393-507.	2.5	157
3	Acetylene and its Derivatives in Reactions with Nucleophiles: Recent Advances and Current Trends. <i>Current Organic Chemistry</i> , 2002, 6, 1121-1162.	0.9	150
4	Organofluorine chemistry: promising growth areas and challenges. <i>Russian Chemical Reviews</i> , 2019, 88, 425-569.	2.5	127
5	Ethynylation of pyrroles with 1-acyl-2-bromoacetylenes on alumina: a formal $\pi$ -inverse Sonogashira coupling <sup>TM</sup> . <i>Tetrahedron Letters</i> , 2004, 45, 6513-6516.	0.7	102
6	Elemental phosphorus in strongly basic media as phosphorylating reagent: a dawn of halogen-free $\pi$ -green <sup>TM</sup> organophosphorus chemistry. <i>Mendeleev Communications</i> , 2009, 19, 295-302.	0.6	92
7	New Hindered BODIPY Derivatives: Solution and Amorphous State Fluorescence Properties. <i>Journal of Physical Chemistry C</i> , 2009, 113, 11844-11855.	1.5	91
8	Nucleophilic addition of phosphine to aryl- and hetarylethenes a convenient synthesis of bis(2-arylalkyl)- and bis(2-hetaralkyl)phosphines. <i>Tetrahedron Letters</i> , 1994, 35, 7647-7650.	0.7	90
9	Understanding the Spectroscopic Properties and Aggregation Process of a New Emitting Boron Dipyrromethene (BODIPY). <i>Journal of Physical Chemistry C</i> , 2013, 117, 5373-5385.	1.5	89
10	Transition-Metal-Free Superbase-Promoted Stereoselective $\beta$ -Vinylolation of Ketones with Arylacetylenes: A General Strategy for Synthesis of $\beta$ , $\gamma$ -Unsaturated Ketones. <i>Journal of Organic Chemistry</i> , 2012, 77, 6880-6886.	1.7	88
11	Vibrations of the S-S bond in elemental sulfur and organic polysulfides: a structural guide. <i>Journal of Sulfur Chemistry</i> , 2009, 30, 518-554.	1.0	87
12	General Route to Symmetric and Asymmetric <i>meso</i> -CF <sub>3</sub> -3(5)-Aryl(hetaryl)- and 3,5-Diaryl(dihetaryl)-BODIPY Dyes. <i>Organic Letters</i> , 2011, 13, 2524-2527.	2.4	80
13	Preparation of Pyrroles from Ketoximes and Acetylenes. <i>Advances in Heterocyclic Chemistry</i> , 1990, 51, 177-301.	0.9	78
14	Acetylenes in the Superbase-Promoted Assembly of Carbocycles and Heterocycles. <i>Accounts of Chemical Research</i> , 2018, 51, 1117-1130.	7.6	76
15	Novel general halogen-free methodology for the synthesis of organophosphorus compounds. <i>Pure and Applied Chemistry</i> , 2012, 84, 439-459.	0.9	73
16	Base-Catalyzed Stereoselective Vinylolation of Ketones with Arylacetylenes: A New C(sp <sup>3</sup> ) $\pi$ -C(sp <sup>2</sup> ) Bond-Forming Reaction. <i>Chemistry - A European Journal</i> , 2010, 16, 8516-8521.	1.7	71
17	Nucleophilic and free-radical additions of phosphines and phosphine chalcogenides to alkenes and alkynes. <i>Arkivoc</i> , 2006, 2006, 12-36.	0.3	70
18	Phosphine in the synthesis of organophosphorus compounds. <i>Russian Chemical Reviews</i> , 1999, 68, 215-227.	2.5	69

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19	Carbon-carbon coupling constants - a new guide in the stereochemistry of oximes. <i>Tetrahedron Letters</i> , 1984, 25, 4817-4820.	0.7	66
20	Acetylene: new prospects of classical reactions. <i>Russian Chemical Reviews</i> , 2007, 76, 507-527.	2.5	65
21	Synthesis of nitrogen, phosphorus, selenium and sulfur-containing heterocyclic compounds and determination of their carbonic anhydrase, acetylcholinesterase, butyrylcholinesterase and $\alpha$ -glycosidase inhibition properties. <i>Bioorganic Chemistry</i> , 2020, 103, 104171.	2.0	64
22	Further Development of the Ketoxime-based Pyrrole Synthesis. <i>Heterocycles</i> , 1994, 37, 1193.	0.4	64
23	Chalcogenation in Multiphase Superbase Systems. <i>Sulfur Reports</i> , 1992, 11, 207-227.	0.7	62
24	Oximes as reagents. <i>Russian Chemical Reviews</i> , 2006, 75, 797-823.	2.5	61
25	A highly selective fluorescent sensor for fluoride anion based on pyrazole derivative: Naked eye detection. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011, 217, 29-34.	2.0	60
26	Reactions of Acetylene in Superbasic Media. <i>Russian Chemical Reviews</i> , 1981, 50, 138-150.	2.5	56
27	Synthesis of 2,5-bis(N,N-dialkylamino)thiophenes or 1-alkyl-2-N,N-dialkylamino-5-methylthiopyrroles from propargylic amines and isothiocyanates. <i>Tetrahedron Letters</i> , 1997, 38, 7241-7242.	0.7	53
28	Application of copper catalysis in a one-pot procedure for 1-alkyl-3-methoxy-2-methylthiopyrroles starting from methoxyallene and alkyl isothiocyanates. <i>Tetrahedron Letters</i> , 1998, 39, 2409-2410.	0.7	53
29	Elemental phosphorus as a strong base as a system for the synthesis of organophosphorus compounds. <i>Russian Chemical Reviews</i> , 1991, 60, 1360-1367.	2.5	51
30	Reactions of acetylenes in superbasic media. Recent advances. <i>Russian Chemical Reviews</i> , 2014, 83, 600-619.	2.5	51
31	Divinyl Sulfide: Synthesis, Properties, and Applications. <i>Sulfur Reports</i> , 1984, 3, 323-393.	0.7	50
32	Tuning BODIPY molecular rotors into the red: sensitivity to viscosity vs. temperature. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2828-2833.	2.7	48
33	Ultrasensitive reversible chromophore reaction of BODIPY functions as high ratio double turn on probe. <i>Nature Communications</i> , 2018, 9, 362.	5.8	48
34	Orange to black electrochromic behaviour in poly(2-(2-thienyl)-1H-pyrrole) thin films. <i>Electrochimica Acta</i> , 2007, 52, 4784-4791.	2.6	46
35	Synthesis and Optical Properties of 2-(Benzo[ <i>b</i> ]thiophen-2-yl)pyrroles and a New BODIPY Fluorophore (BODIPY=4,4-difluoro-4-bora-4,4-diaza-1,5-indacene). <i>Chemistry - A European Journal</i> , 2009, 15, 5823-5830.		46
36	$^1\text{H}$ and $^{13}\text{C}$ and $^{15}\text{N}$ NMR spectra of the configurational isomers of 1-vinylpyrrole-2-carbaldehyde oxime substantiated by DFT calculations. <i>Magnetic Resonance in Chemistry</i> , 2009, 47, 105-112.	1.1	46

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37	Synthesis of 2,3-dihydropyridines, cyclobutanopyrrolines and quinolines from lithiated allenes and isothiocyanates. <i>Tetrahedron Letters</i> , 1997, 38, 6905-6908.	0.7	45
38	Reactions of 2-phenylpyrrole with bromobenzoylacetylene on metal oxides active surfaces. <i>Tetrahedron</i> , 2008, 64, 5541-5544.	1.0	44
39	One-Pot Assembly of 6,8-dioxabicyclo[3.2.1]octanes, Congeners of Frontalin, from Ketones and Acetylene. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 5142-5145.	1.2	44
40	A One-Pot Approach to $\beta$ -Isoxazolines from Ketones and Arylacetylenes. <i>Organic Letters</i> , 2013, 15, 104-107.	2.4	44
41	2-Aryloxy-1-vinylpyrroles: A Novel Promising Family of Reactive Dyes. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 4021-4033.	1.2	43
42	Reaction of 3-(1-Hydroxycyclohexyl)-2-propynenitrile with Tris[2-(4-pyridyl)ethyl]phosphine Oxide. <i>Synthesis</i> , 2002, 2002, 853-855.	1.2	42
43	Influence of the Introduction of Short Alkyl Chains in Poly(2-(2-Thienyl)-1H-pyrrole) on Its Electrochromic Behavior. <i>Macromolecules</i> , 2008, 41, 6886-6894.	2.2	42
44	Nanobiocomposites of noble metals based on arabinogalactan: Preparation and properties. <i>Journal of Structural Chemistry</i> , 2007, 48, 922-927.	0.3	41
45	Bactericidal action of Ag(0)-antithrombotic sulfated arabinogalactan nanocomposite: coevolution of initial nanocomposite and living microbial cell to a novel nonliving nanocomposite. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 827-833.	1.7	40
46	Intramolecular interactions in N-vinyl-2-arylpyrroles and 2-heteroarylpyrroles by $^1\text{H}$ and $^{13}\text{C}$ NMR. <i>Magnetic Resonance in Chemistry</i> , 1990, 28, 580-586.	1.1	39
47	Acetylene-based Functionalized Dihydrofuranones and Related Biomimetic Assemblies. <i>Heterocycles</i> , 1999, 51, 2485.	0.4	38
48	Reactions of unsaturated carbanions with isothiocyanates: A new avenue to fundamental heterocycles. <i>Journal of Heterocyclic Chemistry</i> , 1999, 36, 1469-1490.	1.4	38
49	A facile annelation of pyridines with nitriles of $\beta$ -acetylenic $\beta$ -hydroxyacids. <i>Tetrahedron Letters</i> , 2002, 43, 1093-1096.	0.7	38
50	Nucleophilic addition of phosphine to 1-(tert-butyl)-4-vinylbenzene: a short-cut to bulky secondary and tertiary phosphines and their chalcogenides. <i>Mendeleev Communications</i> , 2008, 18, 260-261.	0.6	38
51	Synthesis of 2-(Selenophenyl)pyrroles and Their Electropolymerization to Electrochromic Nanofilms. <i>Chemistry - A European Journal</i> , 2009, 15, 6435-6445.	1.7	38
52	Nucleophilic Addition of Ketones To Acetylenes and Allenes: A Quantum-Chemical Insight. <i>Journal of Organic Chemistry</i> , 2017, 82, 12467-12476.	1.7	37
53	Eneidyne antibiotics and their models: new potential of acetylene chemistry. <i>Russian Chemical Reviews</i> , 2006, 75, 825-845.	2.5	36
54	Different types of hydrogen bonds in 2-substituted pyrroles and 1-vinyl pyrroles as monitored by $^1\text{H}$ , $^{13}\text{C}$ and $^{15}\text{N}$ NMR spectroscopy and ab initio calculations. <i>Magnetic Resonance in Chemistry</i> , 2006, 44, 59-65.	1.1	36

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55	Expedient one-pot organometallics-free synthesis of tris(2-pyridyl)phosphine from 2-bromopyridine and elemental phosphorus. <i>Tetrahedron Letters</i> , 2012, 53, 2424-2427.	0.7	35
56	Nanocomposites with Magnetic, Optical, Catalytic, and Biologically Active Properties Based on Arabinogalactan. <i>Doklady Chemistry</i> , 2003, 393, 287-288.	0.2	34
57	A General Synthetic Strategy for the Design of New BODIPY Fluorophores Based on Pyrroles with Polycondensed Aromatic and Metallocene Substituents. <i>Chemistry - A European Journal</i> , 2011, 17, 3069-3073.	1.7	33
58	Redox reactions of arabinogalactan with silver ions and formation of nanocomposites. <i>Russian Journal of General Chemistry</i> , 2006, 76, 1111-1116.	0.3	32
59	C2-Functionalization of 1-Substituted Imidazoles with Aldehydes and Electron-Deficient Acetylenes: A Novel Three-Component Reaction. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1772-1777.	1.2	32
60	New Intermediates for Organic Synthesis based on Acetylene. <i>Zeitschrift für Chemie</i> , 1986, 26, 41-49.	0.0	32
61	O-Vinylaryl- and O-vinylaryl(hetaryl)ketoximes: a breakthrough in O-vinylxime chemistry. <i>Tetrahedron</i> , 2002, 58, 10043-10046.	1.0	31
62	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. <i>Russian Journal of Organic Chemistry</i> , 2011, 47, 659-677.	0.3	31
63	Transition Metal-Free Stereoselective 1,2-Vinylation of Cyclic Ketones with Arylacetylenes in the Superbasic Catalytic Triad Potassium Hydroxide/ <i>tert</i> -Butyl Alcohol/Dimethyl Sulfoxide. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 1813-1818.	2.1	31
64	Organophosphorus chemistry based on elemental phosphorus: advances and horizons. <i>Russian Chemical Reviews</i> , 2020, 89, 225-249.	2.5	31
65	One-Pot Syntheses of 2-N-Alkylamino-, 2-N-Phenylamino-, 2-N, N-Dialkylamino-, and 2-N-Alkyl-N-phenylaminothiophenes. <i>European Journal of Organic Chemistry</i> , 1998, 1998, 253-256.	1.2	30
66	Stereoselective 1,2-Vinylation of 1-Substituted Imidazoles with 3-Phenyl-2-propenenitrile. <i>Journal of Organic Chemistry</i> , 2008, 73, 9155-9157.	1.7	30
67	A Domino Reaction of 1,2-Acetylenic 1-Hydroxy Nitriles with Arenecarboxylic Acids: An Unexpected Facile Shortcut to 4-Cyano-3(2-H-furanones). <i>Organic Letters</i> , 2010, 12, 3200-3203.	2.4	30
68	Protected bis(hydroxyorganyl) polysulfides as modifiers of Li/S battery electrolyte. <i>Electrochimica Acta</i> , 2011, 56, 2458-2463.	2.6	30
69	Catalyst- and Solvent-Free Addition of the P-H Species to Alkenes and Alkynes: A Green Methodology for C-P Bond Formation. <i>Synthesis</i> , 2017, 49, 4783-4807.	1.2	30
70	Bipyrroles, furyl- and thienylpyrroles. <i>Russian Chemical Reviews</i> , 1999, 68, 459-482.	2.5	29
71	Unexpected formation of derivatives of cyclobutene and thiacyclobutane from the reaction between dilithiated benzylacetylene and isothiocyanates. <i>Tetrahedron Letters</i> , 2001, 42, 4687-4689.	0.7	29
72	Expedient synthesis of 1-vinylpyrrole-2-carbaldehydes. <i>Tetrahedron Letters</i> , 2006, 47, 3693-3696.	0.7	29

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73	Synthesis of pyrroles from aliphatic compounds. Russian Chemical Reviews, 1989, 58, 163-180.	2.5	28
74	Synthesis of 3-heteroalkyl-2-N-organylaminothiophenes. The first proof for amino-imino tautomerism of N-monosubstituted aminothiophenes. Tetrahedron Letters, 1998, 39, 2433-2436.	0.7	28
75	Title is missing!. Chemistry of Heterocyclic Compounds, 2000, 36, 1241-1260.	0.6	28
76	Synthesis and structure of bis(2-phenylethyl) phosphine selenide. Journal of Structural Chemistry, 2005, 46, 1066-1071.	0.3	28
77	Facile Self-Assembly Synthesis and Characterization of Diselenophosphinato Octanuclear Cu <sub>8</sub> Clusters Inscribed in a Twelve-Vertex Selenium Polyhedron. European Journal of Inorganic Chemistry, 2012, 2012, 4921-4929.	1.0	28
78	Synthesis and Optical Properties of Difluoroboradiazaindacene Dyes with Trifluoromethyl <i>meso</i> -Substituents. European Journal of Organic Chemistry, 2013, 2013, 4107-4118.	1.2	28
79	Luminescent Cu <sup>I</sup> 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.	1.4	28
80	Synthesis of $\alpha$ -vinylpyrroles. Russian Chemical Reviews, 2002, 71, 563-591.	2.5	27
81	Synthesis, Structure, and Spectral Properties of Bis(pyrrol-2-yl)pyridines. European Journal of Organic Chemistry, 2005, 2005, 4338-4345.	1.2	27
82	Catalyst- and Solvent-Free Rapid Addition of Secondary Phosphine Chalcogenides to Aldehydes: Another Click Chemistry. Synthesis, 2015, 47, 1611-1622.	1.2	27
83	Metal-free stereoselective annulation of quinolines with trifluoroacetylacetylenes and water: an access to fluorinated oxazinoquinolines. Chemical Communications, 2018, 54, 2268-2271.	2.2	27
84	Quantum-chemical models of KOH(KOBu <sup>t</sup> )/DMSO superbasic systems and mechanisms of base-promoted acetylene reactions. International Journal of Quantum Chemistry, 2020, 120, e26158.	1.0	27
85	Cascade cyclization of quinoline and quinoxaline with nitriles of $\alpha,\beta$ -acetylenic $\gamma$ -hydroxy acids. Mendeleev Communications, 2003, 13, 186-188.	0.6	26
86	Regio- and stereoselective annelation of phenanthridines with $\alpha,\beta$ -acetylenic $\gamma$ -hydroxyacid nitriles. Tetrahedron, 2005, 61, 8031-8034.	1.0	26
87	Peroxidase-catalysed synthesis of electroconductive polypyrrole. Mendeleev Communications, 2008, 18, 56-58.	0.6	26
88	A one-pot synthesis of a branched tertiary phosphine oxide from red phosphorus and 1-(tert-butyl)-4-vinylbenzene in KOH/DMSO: an unusually facile addition of P-centered nucleophiles to a weakly electrophilic double bond. Tetrahedron Letters, 2008, 49, 3480-3483.	0.7	26
89	Silver-containing nanocomposites based on galactomannan and carrageenan: synthesis, structure, and antimicrobial properties. Russian Chemical Bulletin, 2010, 59, 2323-2328.	0.4	26
90	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.	1.2	26

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91	C-Ethynylpyrroles: synthesis and reactivity. <i>Russian Chemical Reviews</i> , 2014, 83, 475-501.	2.5	26
92	Direct synthesis of butadiynyl-substituted pyrroles under solvent- and transition metal-free conditions. <i>RSC Advances</i> , 2015, 5, 73241-73248.	1.7	26
93	Chiroplasmonic magnetic gold nanocomposites produced by one-step aqueous method using $\beta$ -carrageenan. <i>Carbohydrate Polymers</i> , 2017, 175, 18-26.	5.1	26
94	Transition-Metal-Free Addition of Acetylenes to Ketimines: the First Base-Catalyzed Ethynylation of the C=N Bond. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4845-4849.	1.2	26
95	New Reactions and Chemicals Based on Sulfur and Acetylene. <i>Sulfur Reports</i> , 1983, 3, 83-114.	0.7	25
96	Configurational and conformational analysis of O-vinyl ketoximes by $^1\text{H}$ and $^{13}\text{C}$ NMR spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 2000, 38, 994-1000.	1.1	25
97	Synthesis and Thermal Stability of O-Vinylketoximes. <i>Synthesis</i> , 2000, 2000, 1125-1132.	1.2	25
98	N-Isopropenylazoles: I. Direct N-Isopropenylation of Azoles with Propyne and Allene. <i>Russian Journal of Organic Chemistry</i> , 2003, 39, 408-414.	0.3	25
99	Sulfurization of Polymers: A Novel Access to Electroactive and Conducting Materials. <i>Sulfur Reports</i> , 2003, 24, 283-305.	0.7	25
100	Reaction of anabasine with 3-(1-hydroxycyclohexyl)-2-propynenitrile: a new route to functionalised anabasine alkaloids. <i>Mendeleev Communications</i> , 2005, 15, 33-35.	0.6	25
101	Ethynylation of indoles with 1-benzoyl-2-bromoacetylene on $\text{Al}_2\text{O}_3$ . <i>Tetrahedron Letters</i> , 2006, 47, 7139-7141.	0.7	25
102	Bifurcated hydrogen-bonding effect on the shielding and coupling constants in trifluoroacetyl pyrroles as studied by $^1\text{H}$ , $^{13}\text{C}$ and $^{15}\text{N}$ NMR spectroscopy and DFT calculations. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, 220-230.	1.1	25
103	Preconcentration of gold, silver, palladium, platinum, and ruthenium with organophosphorus extractants. <i>Russian Journal of Applied Chemistry</i> , 2009, 82, 183-189.	0.1	25
104	Superbase-Promoted Selective Cascade Cyclization Reaction of 1,5-Diketones with Acetylenes to Methylene-6,8-dioxabicyclo[3.2.1]octanes. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 2453-2460.	1.2	25
105	Base-Catalyzed Domino Cyclization of Acetylenes with Ketones to Functionalized Cyclopentenones. <i>Organic Letters</i> , 2014, 16, 4040-4043.	2.4	25
106	3H-Pyrroles from ketoximes and acetylene: synthesis, stability and quantum-chemical insight. <i>Tetrahedron</i> , 2015, 71, 3273-3281.	1.0	25
107	Metal-free site selective cross-coupling of pyridines with secondary phosphine chalcogenides using acylacetylenes as oxidants. <i>Chemical Communications</i> , 2018, 54, 3371-3374.	2.2	25
108	Diastereoselective synthesis of $\text{CF}_3$ -oxazinoquinolines in water. <i>Green Chemistry</i> , 2019, 21, 6353-6360.	4.6	25

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109	Polymerisation of N-Vinylpyrroles. <i>Russian Chemical Reviews</i> , 1985, 54, 609-618.	2.5	24
110	Chemo-, regio- and stereospecific addition of amino acids to acylacetylenes: a facile synthesis of new N-acylvinyl derivatives of amino acids. <i>Tetrahedron</i> , 2009, 65, 9814-9818.	1.0	24
111	Stereoselective free-radical addition of secondary phosphine selenides to aromatic acetylenes. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 677-682.	0.8	24
112	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. <i>Tetrahedron Letters</i> , 2010, 51, 5316-5318.	0.7	24
113	Expedient one-pot synthesis of pyrroles from ketones, hydroxylamine, and 1,2-dichloroethane. <i>Tetrahedron</i> , 2015, 71, 124-128.	1.0	24
114	Transition-Metal Free Mechanochemical Approach to Polyene Substituted Pyrroles. <i>Journal of Organic Chemistry</i> , 2016, 81, 9188-9198.	1.7	24
115	SUPERBASE-INDUCED GENERATION OF PHOSPHIDE AND PHOSPHINITE IONS AS APPLIED IN ORGANIC SYNTHESIS. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1991, 55, 271-274.	0.8	23
116	Title is missing!. <i>Russian Chemical Bulletin</i> , 2002, 51, 774-782.	0.4	23
117	Ethynedithiolâ€based polyeneoligosulfides as active cathode materials for lithiumâ€sulfur batteries. <i>Journal of Applied Polymer Science</i> , 2008, 107, 784-787.	1.3	23
118	Facile [2+2] Cycloaddition of DDQ to an Alkyne: Synthesis of Pyrrolyl- and Indolylbicyclo[4.2.0]octadienes from C-Ethynylpyrroles or C-Ethynylindoles. <i>Synthesis</i> , 2010, 2010, 470-476.	1.2	23
119	The reaction of red phosphorus with 1â€bromonaphthalene in the KOHâ€DMSO system: Synthesis of tri(1â€naphthyl)phosphane. <i>Heteroatom Chemistry</i> , 2011, 22, 198-203.	0.4	23
120	A convenient synthesis of hetarylethynyl ketones from hetarylcarbaldehydes and acetylene. <i>Chemistry of Heterocyclic Compounds</i> , 2013, 49, 341-344.	0.6	23
121	Improved synthesis of tertiary propargyl alcohols by the Favorskii reaction of alkyl aryl (hetaryl) ketones with acetylene. <i>Russian Journal of Organic Chemistry</i> , 2013, 49, 8-11.	0.3	23
122	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. <i>Tetrahedron</i> , 2014, 70, 5168-5174.	1.0	23
123	Synthesis of Acyl Terphenyls and Higher Polyaromatics via Base-Promoted Câ€H Functionalization of Acetylenes with Arylacetylenes. <i>Organic Letters</i> , 2016, 18, 2158-2161.	2.4	23
124	Cleavage of PP Bonds in Phosphorus. An Efficient Method for the Preparation of Primary Alkylphosphines. <i>Mendeleev Communications</i> , 1995, 5, 14-15.	0.6	22
125	Vinyl ethers with polysulfide and hydroxyl functions and polymers therefrom as binders for lithiumâ€sulfur batteries. <i>Journal of Applied Polymer Science</i> , 2006, 101, 4051-4055.	1.3	22
126	Chemo- and regioselective ethynylation of 4,5,6,7-tetrahydroindoles with ethyl 3-halo-2-propynoates. <i>Tetrahedron Letters</i> , 2008, 49, 3946-3949.	0.7	22



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127	Synthesis of new secondary phosphine chalcogenides with bulky substituents from aryl(hetaryl)ethenes, red phosphorus, sulfur, and selenium. <i>Russian Journal of General Chemistry</i> , 2009, 79, 1617-1621.	0.3	22
128	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. <i>Synthesis</i> , 2011, 2011, 2192-2204.	1.2	22
129	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. <i>Journal of Physical Organic Chemistry</i> , 2017, 30, e3669.	0.9	22
130	Recent Strides in the Transition Metal-Free Cross-Coupling of Haloacetylenes with Electron-Rich Heterocycles in Solid Media. <i>Molecules</i> , 2020, 25, 2490.	1.7	22
131	Pyrrole-2-dithiocarboxylates: Synthesis of 2-(1-Alkylthio-2-cyanoethenyl)pyrroles. <i>Tetrahedron</i> , 1995, 51, 4223-4230.	1.0	21
132	Tris(2-pyridyl)phosphine: a straightforward microwave-assisted synthesis from 2-bromopyridine and red phosphorus and coordination with cobalt(ii) dichloride. <i>Mendeleev Communications</i> , 2012, 22, 187-188.	0.6	21
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