

Nina Gusarova

List of Publications by Year in descending order

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466
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466
docs citations

466
times ranked

1641
citing authors

#	ARTICLE	IF	CITATIONS
1	Organoelement chemistry: promising growth areas and challenges. Russian Chemical Reviews, 2018, 87, 393-507.	2.5	157
2	Elemental phosphorus in strongly basic media as phosphorylating reagent: a dawn of halogen-free "green" organophosphorus chemistry. Mendeleev Communications, 2009, 19, 295-302.	0.6	92
3	Nucleophilic addition of phosphine to aryl- and heteroarylenes a convenient synthesis of bis(2-arylalkyl)- and bis(2-heteroalkyl)phosphines. Tetrahedron Letters, 1994, 35, 7647-7650.	0.7	90
4	Vibrations of the S-S bond in elemental sulfur and organic polysulfides: a structural guide. Journal of Sulfur Chemistry, 2009, 30, 518-554.	1.0	87
5	Novel general halogen-free methodology for the synthesis of organophosphorus compounds. Pure and Applied Chemistry, 2012, 84, 439-459.	0.9	73
6	Nucleophilic and free-radical additions of phosphines and phosphine chalcogenides to alkenes and alkynes. Arkivoc, 2006, 2006, 12-36.	0.3	70
7	Phosphine in the synthesis of organophosphorus compounds. Russian Chemical Reviews, 1999, 68, 215-227.	2.5	69
8	Acetylene: new prospects of classical reactions. Russian Chemical Reviews, 2007, 76, 507-527.	2.5	65
9	Synthesis of nitrogen, phosphorus, selenium and sulfur-containing heterocyclic compounds " Determination of their carbonic anhydrase, acetylcholinesterase, butyrylcholinesterase and β -glycosidase inhibition properties. Bioorganic Chemistry, 2020, 103, 104171.	2.0	64
10	Elemental phosphorus "strong base as a system for the synthesis of organophosphorus compounds. Russian Chemical Reviews, 1991, 60, 1360-1367.	2.5	51
11	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.	0.6	38
12	Expedient one-pot organometallics-free synthesis of tris(2-pyridyl)phosphine from 2-bromopyridine and elemental phosphorus. Tetrahedron Letters, 2012, 53, 2424-2427.	0.7	35
13	Organophosphorus chemistry based on elemental phosphorus: advances and horizons. Russian Chemical Reviews, 2020, 89, 225-249.	2.5	31
14	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.	1.2	30
15	Synthesis and structure of bis(2-phenylethyl) phosphine selenide. Journal of Structural Chemistry, 2005, 46, 1066-1071.	0.3	28
16	Facile Self-Assembly Synthesis and Characterization of Diselenophosphinato Octanuclear Cu Clusters Inscribed in a Twelve-Vertex Selenium Polyhedron. European Journal of Inorganic Chemistry, 2012, 2012, 4921-4929.	1.0	28
17	Luminescent Cu ^I 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
18	Catalyst- and Solvent-Free Rapid Addition of Secondary Phosphine Chalcogenides to Aldehydes: Another Click Chemistry. Synthesis, 2015, 47, 1611-1622.	1.2	27

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19	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. <i>Tetrahedron Letters</i> , 2008, 49, 3480-3483.	0.7	26
20	Vinyl Tellurides: Synthesis and Properties. <i>Sulfur Reports</i> , 1991, 11, 1-50.	0.7	25
21	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
22	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
23	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
24	Stereoselective free-radical addition of secondary phosphine selenides to aromatic acetylenes. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 677-682.	0.8	24
25	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
26	The reaction of red phosphorus with 1-bromonaphthalene in the KOH/DMSO system: Synthesis of tri(1-naphthyl)phosphane. <i>Heteroatom Chemistry</i> , 2011, 22, 198-203.	0.4	23
27	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
28	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
29	Conformational analysis and stereochemical dependences of ^1H spin-spin coupling constants of bis(2-phenethyl)vinylphosphine and related phosphine chalcogenides. <i>Magnetic Resonance in Chemistry</i> , 2009, 47, 288-299.	1.1	21
30	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
31	CHEMO- AND STEREOSELECTIVE ADDITION OF DIORGANYLPHOSPHINE OXIDES TO α,β -ETHYLENIC ALDEHYDES. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2004, 179, 7-18.	0.8	20
32	A novel simple synthesis of bis(diorganoselenophosphoryl)selenides (R ₂ PSe) ₂ Se from secondary phosphines and elemental selenium. <i>Tetrahedron Letters</i> , 2010, 51, 2141-2143.	0.7	20
33	Diselenophosphinates. Synthesis and Applications. <i>Organic Preparations and Procedures International</i> , 2011, 43, 381-449.	0.6	20
34	Synthesis, Characterization, Molecular Docking, Acetylcholinesterase and α -Glucosidase Inhibition Profiles of Nitrogen-Based Novel Heterocyclic Compounds. <i>ChemistrySelect</i> , 2022, 7, .	0.7	20
35	Regioselective addition of secondary phosphine oxides to 3-(trialkylsilyl)- and 3-(trialkylgermyl)-2-propynals. <i>Journal of Organometallic Chemistry</i> , 2002, 659, 172-175.	0.8	19
36	One-Pot Reaction of Secondary Phosphine Selenides with Selenium and Nitrogen Bases: A Novel Synthesis of Diorganodiselenophosphinates. <i>Synthesis</i> , 2009, 2009, 3332-3338.	1.2	19

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37	One-pot reductive N-vinylation and C(4)-phosphorylation of pyridines with alkyl propiolates and secondary phosphine chalcogenides. <i>Tetrahedron Letters</i> , 2015, 56, 4804-4806.	0.7	19
38	Addition of secondary phosphines to N-vinylpyrroles. <i>Tetrahedron Letters</i> , 2003, 44, 2629-2632.	0.7	18
39	Reaction of secondary phosphine selenides with the system Se/MOH (M=Li, Na, K, Rb, Cs): A novel three-component synthesis of diorganodiselenophosphinates. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 4116-4120.	0.8	18
40	One-Pot Atom-Economic Synthesis of Thioselenophosphinates via a New Multicomponent Reaction of Secondary Phosphanes with Elemental Sulfur, Selenium, and Amines. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 6157-6160.	1.2	18
41	Synthesis of organic phosphines and phosphine oxides from elemental phosphorus and phosphine in the presence of strong bases. <i>Russian Chemical Bulletin</i> , 1998, 47, 1645-1652.	0.4	17
42	Facile Non-Catalyzed Synthesis of Tertiary Phosphine Sulfides by Regioselective Addition of Secondary Phosphine Sulfides to Alkenes. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2516-2521.	1.2	17
43	Activation of white phosphorus in the coordination sphere of nickel complexes with σ -donor ligands. <i>Russian Chemical Bulletin</i> , 2005, 54, 942-947.	0.4	16
44	Base Catalyzed Double Addition of Secondary Phosphine Chalcogenides to Benzoylacetylene. <i>Letters in Organic Chemistry</i> , 2007, 4, 109-111.	0.2	16
45	Free-radical addition of phosphine sulfides to aryl and hetaryl acetylenes: unprecedented stereoselectivity. <i>Mendeleev Communications</i> , 2007, 17, 181-182.	0.6	16
46	Synthesis and structural characterization of novel zinc(II) and cadmium(II) complexes with pyridine-phosphine chalcogenide ligands. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 2053-2058.	0.8	16
47	Highly efficient atom economical "green chemistry" synthesis of vinyl sulfides from thiols and acetylene in water. <i>Russian Chemical Bulletin</i> , 2013, 62, 438-440.	0.4	16
48	Reaction of elemental phosphorus with β -methylstyrenes: one-pot synthesis of secondary and tertiary phosphines, prospective bulky ligands for Pd(II) catalysts. <i>Tetrahedron</i> , 2016, 72, 443-450.	1.0	16
49	PCl ₃ - and organometallic-free synthesis of tris(2-picoyl)phosphine oxide from elemental phosphorus and 2-(chloromethyl)pyridine hydrochloride. <i>Tetrahedron Letters</i> , 2018, 59, 723-726.	0.7	16
50	Catalyst-Free Phosphorylation of Acridine with Secondary Phosphine Chalcogenides: Nucleophilic Addition vs S_NAr Reaction. <i>Organic Letters</i> , 2018, 20, 7388-7391.	2.4	16
51	Acetylene-Triggered Reductive Incorporation of Phosphine Chalcogenides into a Quinoline Scaffold: Toward S_NAr Reaction. <i>Journal of Organic Chemistry</i> , 2019, 84, 6244-6257.	1.7	16
52	Divinyl Sulfoxide: Synthesis, Properties, and Applications. <i>Sulfur Reports</i> , 1989, 9, 95-141.	0.7	15
53	Diselenophosphinates of lupinine or anabasine via a new three-component reaction of secondary phosphines, elemental selenium, and amines. <i>Tetrahedron Letters</i> , 2010, 51, 1840-1843.	0.7	15
54	Efficient One-Pot Procedures for the Preparation of Secondary Phosphines. <i>Synthetic Communications</i> , 1994, 24, 3219-3223.	1.1	14

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55	Non-catalytic Addition of 1,2,4-Triazole to Nucleophilic and Electrophilic Alkenes. Chemistry of Heterocyclic Compounds, 2002, 38, 981-985.	0.6	14
56	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.	0.8	14
57	Dinuclear gold(<i>i</i>) dithio- and diselenophosph(in)ate complexes forming mononuclear gold(<i>iii</i>) oxidative addition complexes and reversible chemical reductive elimination products. Dalton Transactions, 2014, 43, 663-670.	1.6	14
58	Nanobiocomposite based on selenium and arabinogalactan: Synthesis, structure, and application. Russian Journal of General Chemistry, 2015, 85, 485-487.	0.3	14
59	Catalyst- and Solvent-Free Stereoselective Addition of Secondary Phosphine Chalcogenides to Alkynes. Synthesis, 2015, 47, 263-271.	1.2	14
60	One-pot regio- and stereoselective synthesis of tertiary phosphine chalcogenides with (E)-N-ethenyl-1,2-dihydroquinoline functionalities. Tetrahedron Letters, 2016, 57, 3776-3780.	0.7	14
61	Addition of secondary phosphines to phenylcyanoacetylene as a route to functional phosphines. Mendeleev Communications, 1999, 9, 163-164.	0.6	13
62	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.	0.8	13
63	Triorganophosphine oxides as high-performance fire retardants for polyvinyl chloride plastisols. Russian Journal of Applied Chemistry, 2008, 81, 304-309.	0.1	13
64	Chemoselective Synthesis of New Functionalized Tri(pyridinium) Triflates and Tosylates bearing Chalcogenophosphoryl Moieties. Synthesis, 2008, 2008, 3525-3529.	1.2	13
65	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.	0.7	13
66	A simple one-pot synthesis of phosphinoselenoic amides and diamides from secondary phosphine selenides and amines using Et ₃ N-CCl ₄ . Tetrahedron Letters, 2011, 52, 2367-2369.	0.7	13
67	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.	1.2	13
68	Tunable superbases-catalyzed vinylation of β -hydroxyalkylferrocenes with alkynes. Tetrahedron, 2014, 70, 5954-5960.	1.0	13
69	Unexpected N,N ⁺ -coordination of tris(2-pyridyl)-phosphine chalcogenides to PdCl ₂ . Mendeleev Communications, 2015, 25, 196-198.	0.6	13
70	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.	0.8	12
71	Title is missing!. Russian Journal of General Chemistry, 2002, 72, 371-375.	0.3	12
72	Regio- and stereospecific addition of phosphines to cyanoacetylenes. Tetrahedron, 2003, 59, 4789-4794.	1.0	12

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73	Direct vinylation of glucose derivatives with acetylene. <i>Tetrahedron</i> , 2007, 63, 11661-11665.	1.0	12
74	Nanocomposites of red phosphorus as novel phosphorylating reagents. <i>Doklady Chemistry</i> , 2009, 427, 153-155.	0.2	12
75	Reaction of secondary phosphine oxides with acylacetylenes. <i>Russian Journal of Organic Chemistry</i> , 2010, 46, 485-490.	0.3	12
76	Unexpected redox reaction of alkali metal diselenophosphinates with elemental iodine. <i>Mendeleev Communications</i> , 2012, 22, 18-20.	0.6	12
77	Alkali Metal Thioselenophosphinates, $M[SeSPR_2]$: One-Pot Multicomponent Synthesis, DFT Study, and Synthetic Application. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 415-426.	1.0	12
78	Nucleophilic addition to acetylenes in superbasic catalytic systems: XVIII. Vinylation of phenols and naphthols with acetylene. <i>Russian Journal of Organic Chemistry</i> , 2015, 51, 188-194.	0.3	12
79	A new access to tri(1-naphthyl)phosphine and its catalytically active palladacycles and luminescent Cu(I) complex. <i>Inorganic Chemistry Communication</i> , 2017, 86, 94-97.	1.8	12
80	2-Halopyridines in the triple reaction in the P/KOH/DMSO system to form tri(2-pyridyl)phosphine: Experimental and quantum-chemical dissimilarities. <i>Mendeleev Communications</i> , 2018, 28, 472-474.	0.6	12
81	Towards C1 chemistry: methanol vinylation by CaC_2 in water in the presence of potassium or sodium carbonates. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 1945-1950.	1.6	12
82	Stereoselective reduction of 1-acyl-2-phenylacetylenes with triphenylphosphine in water: efficient synthesis of E-chalcones. <i>Arkivoc</i> , 2011, 2011, 183-188.	0.3	12
83	Unexpected double $\hat{1},\hat{2}$ -addition of secondary phosphine chalcogenides to 3-phenyl-2-propynenitrile. <i>Mendeleev Communications</i> , 2005, 15, 183-184.	0.6	11
84	Complex of tris(Z-styryl)phosphine with $PdCl_2$ as a new catalyst for the Sonogashira reaction. <i>Mendeleev Communications</i> , 2008, 18, 318-319.	0.6	11
85	Radical addition of secondary phosphine sulfides and selenides to vinyl tellurides. <i>Mendeleev Communications</i> , 2010, 20, 346-347.	0.6	11
86	Selective synthesis of hydrazinium diselenophosphinates from secondary phosphines, elementary selenium, and hydrazine. <i>Russian Chemical Bulletin</i> , 2010, 59, 1671-1673.	0.4	11
87	Reaction of Red Phosphorus with 4-Methoxystyrene in KOH-DMSO System: One-Pot Synthesis of Tris[2-(4-methoxyphenyl)ethyl]phosphane Oxide. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010, 186, 98-104.	0.8	11
88	Rapid and Convenient One-Pot Method for the Preparation of Alkali Metal Phosphinodiselenoates. <i>Synthesis</i> , 2010, 2010, 2463-2467.	1.2	11
89	Free-radical addition of phosphine to vinyl ethers: atom-economic synthesis of tris(2-organyloxyethyl)phosphines and their derivatives. <i>Mendeleev Communications</i> , 2011, 21, 17-18.	0.6	11
90	Metal-Free Hydrophosphanation of 1-Vinylimidazoles with Secondary Phosphanes: A Straightforward Atom-Economic Route to Tertiary Phosphanes with Imidazolyl Substituents. <i>Synlett</i> , 2011, 2011, 94-98.	1.0	11

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91	One-pot synthesis of ultra-branched mixed tetradentate tripodal phosphines and phosphine chalcogenides. <i>Tetrahedron</i> , 2012, 68, 9218-9225.	1.0	11
92	Synthesis of novel alkaloid derivatives from vinyl ether of lupinine and PH-addends. <i>Arkivoc</i> , 2009, 2009, 260-267.	0.3	11
93	Base-Catalyzed Addition of Phosphine to Aryl- and Hetarylethynes. An Efficient Method for the Preparation of 2-Substituted Trivinylphosphines. <i>Synthesis</i> , 1995, 1995, 387-388.	1.2	10
94	A Convenient Synthesis of Primary 2-Hydroxyorganophosphines from Red Phosphorus and Oxiranes. <i>Synthesis</i> , 2000, 2000, 65-66.	1.2	10
95	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. <i>Sulfur Letters</i> , 2002, 25, 219-227.	0.3	10
96	Organylthiochloroacetylenes: VI. Reaction of Alkylthiochloroacetylenes with Sodium Azide. <i>Russian Journal of General Chemistry</i> , 2003, 73, 782-785.	0.3	10
97	Addition of secondary phosphines to a vinyl ether of diacetone-d-glucose: a new approach to optically active phosphines and their derivatives. <i>Tetrahedron Letters</i> , 2004, 45, 9143-9145.	0.7	10
98	Reactions of Elemental Phosphorus and Phosphine with Electrophiles in Superbasic Systems: XVI. Phosphorylation of Benzyl Chloride with Elemental Phosphorus and Phosphine. <i>Russian Journal of General Chemistry</i> , 2005, 75, 684-688.	0.3	10
99	Facile Synthesis of Hyperbranched Tetraphosphanes and Tetraphosphane Chalcogenides. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 3427-3431.	1.2	10
100	Nucleophilic addition to acetylenes in superbasic catalytic systems: XVI. Vinylation of alcohols of the furan series under atmospheric pressure. <i>Russian Journal of Organic Chemistry</i> , 2009, 45, 131-134.	0.3	10
101	One-Pot Vinylation of Secondary Phosphine Chalcogenides with Vinyl Sulfoxides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010, 185, 1838-1844.	0.8	10
102	Synthesis and Structural Characterization of the First Europium(III) Pyridylphosphine Complex, [Eu(N,N'-2-Py3P)(NO ₃) ₃]. <i>Mendeleev Communications</i> , 2012, 22, 294-296.	0.6	10
103	Oxidative metal-free cross-coupling of secondary phosphine chalcogenides and benzenediols: Synthesis of phosphinochalcogenic <i>ortho</i> -diesters. <i>Heteroatom Chemistry</i> , 2012, 23, 322-328.	0.4	10
104	DFT study and dynamic NMR evidence for cis-trans conformational isomerism in square planar Ni(II) thioselenophosphinate, Ni(SeSPPPh ₂). <i>Journal of Organometallic Chemistry</i> , 2014, 768, 151-156.	0.8	10
105	Superbase-Assisted Selective Synthesis of Triarylphosphines from Aryl Halides and Red Phosphorus: Three Consecutive Different S _N Ar Reactions in One Pot. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6240-6245.	1.2	10
106	Single-stage synthesis of alkyl-H-phosphinic acids from elemental phosphorus and alkyl bromides. <i>Mendeleev Communications</i> , 2019, 29, 328-330.	0.6	10
107	Catalyst-Free Double CH-Functionalization of Quinolines with Phosphine Oxides via Two S _N H ₂ Ar Reaction Sequences. <i>Journal of Organic Chemistry</i> , 2020, 85, 4927-4936.	1.7	10
108	A new method for the synthesis of β -acetylenic phosphines. <i>Russian Chemical Bulletin</i> , 1997, 46, 849-850.	0.4	9

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109	Reaction of Secondary Phosphine Oxides with Aromatic Aldehydes. Russian Journal of General Chemistry, 2003, 73, 1354-1357.	0.3	9
110	Phosphorylation of Allyl Halides with White Phosphorus. Phosphorus, Sulfur and Silicon and the Related Elements, 2003, 178, 425-429.	0.8	9
111	Atom-economic synthesis of tertiary 2-alkoxyethylphosphine sulfides. Mendeleev Communications, 2004, 14, 216-217.	0.6	9
112	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.	0.8	9
113	Nucleophilic addition of secondary phosphine chalcogenides to, $\hat{1}$, $\hat{2}$ -acetylenic $\hat{3}$ -hydroxy acid nitriles and a rearrangement of the adducts. Mendeleev Communications, 2007, 17, 325-326.	0.6	9
114	Microwave activation of the reaction of red phosphorus with alkanethiolate anions. Russian Journal of General Chemistry, 2009, 79, 2453-2455.	0.3	9
115	Reaction of Red Phosphorus with Allylbenzene in Superbasic System KOH-DMSO. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 1688-1693.	0.8	9
116	Oxidative cross-coupling between secondary phosphine selenides and thiols or dithiols: a facile regio-selective synthesis of thioselenophosphinic S-esters and S-diester. Tetrahedron Letters, 2013, 54, 3543-3545.	0.7	9
117	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, 1985-1990.	1.3	9
118	First Examples of the Atherton-Todd-Like Reaction in the Absence of Bases. Heteroatom Chemistry, 2016, 27, 44-47.	0.4	9
119	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.	0.6	9
120	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.	1.4	9
121	Title is missing!. Russian Journal of General Chemistry, 2001, 71, 721-723.	0.3	8
122	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.	0.3	8
123	Reaction of divinyl selenide with secondary phosphine chalcogenides. Russian Journal of General Chemistry, 2010, 80, 1602-1608.	0.3	8
124	Three-component reaction of secondary phosphines with elemental selenium and amines. Russian Journal of Organic Chemistry, 2010, 46, 592-593.	0.3	8
125	Reaction of divinyl telluride with secondary phosphine chalcogenides. Russian Journal of General Chemistry, 2011, 81, 2506-2509.	0.3	8
126	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.	0.7	8

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127	Synthesis of tris(2-pyridyl)phosphine from red phosphorus and 2-bromopyridine in the CsF-NaOH-DMSO superbasic system. <i>Doklady Chemistry</i> , 2012, 445, 164-165.	0.2	8
128	Superbase-Assisted Addition of Phosphine to 1-Methoxy-4-vinylbenzene: Toward a Rare Family of Organic Phosphines. <i>Synthetic Communications</i> , 2012, 42, 1685-1694.	1.1	8
129	Novel quinine, lupinine, and anabasine derivatives containing dithiophosphinate groups. <i>Chemistry of Heterocyclic Compounds</i> , 2012, 48, 448-452.	0.6	8
130	Reactions of 2- and 4-pyrones with secondary phosphine chalcogenides: a facile synthesis of functional phosphorylated pyrones. <i>Tetrahedron Letters</i> , 2013, 54, 6772-6775.	0.7	8
131	Nucleophilic addition of phosphine to 4-chlorostyrenes in the KOH-DMSO system. <i>Russian Chemical Bulletin</i> , 2013, 62, 2495-2497.	0.4	8
132	Synthesis of Functional Tripodal Phosphines with Amino and Ether Groups by the Hydrophosphination of Trivinyl Ethers with Secondary Phosphines. <i>Synthesis</i> , 2014, 46, 653-659.	1.2	8
133	Reaction of Vinyl Selenides with Secondary Phosphines and Elemental Selenium: One-Pot Selective Synthesis of a New Family of Diselenophosphinic Esters. <i>Heteroatom Chemistry</i> , 2014, 25, 135-139.	0.4	8
134	Reaction of Tri(2-pyridyl)phosphine with Electron-Deficient Alkynes in Water: Stereoselective Synthesis of Functionalized Pyridylvinylphosphine Oxides. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 639-643.	1.2	8
135	Synthesis and comparative structural study of tris-chelated Sb(III), Bi(III) and Cr(III) diselenophosphinato complexes. <i>Polyhedron</i> , 2014, 68, 53-59.	1.0	8
136	Complexation of tris(2-pyridyl)phosphine chalcogenides with copper(I) halides: The selective formation of scorpionate complexes, [Cu(N,N'-2-Py3PX)Hal] (X=O, S and Se). <i>Polyhedron</i> , 2015, 90, 1-6.	1.0	8
137	Efficient One-Pot Synthesis of Mono- and Bis[di(2-pyridyl)phosphine Oxides] from Tris(2-pyridyl)phosphine. <i>Synlett</i> , 2016, 27, 2451-2454.	1.0	8
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