Nina Gusarova

List of Publications by Year
in descending order

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395 papers	3,460 citations	279487 23 h-index	301761 39 g-index
466 all docs	466 docs citations	466 times ranked	1641 citing authors

#	Article	IF	Citations
1	Chemoselective Synthesis of Alkylphosphinic Acids from Red Phosphorus and Alkyl Bromides in the System KOH/H2O/Toluene/Micellar Catalyst. Russian Journal of Organic Chemistry, 2022, 58, 192-199.	0.3	0
2	Synthesis, Characterization, Molecular Docking, Acetylcholinesterase and Î±â€Glycosidase Inhibition Profiles of Nitrogenâ€Based Novel Heterocyclic Compounds. ChemistrySelect, 2022, 7, .	0.7	20
3	Chemoselective synthesis of long-chain alkyl-H-phosphinic acids via one-pot alkylation/oxidation of red phosphorus with alkyl-PEGs as recyclable micellar catalysts. Organic and Biomolecular Chemistry, 2021, 19, 10587-10595.	1.5	3
4	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.	1.5	4
5	Synthesis of Longâ€Chain nâ€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.	1.2	4
6	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
7	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.	0.6	5
8	Reaction of polyfluoroalkyl dichlorophosphites with propargyl alcohol: synthesis and isomerization of polyfluoroalkyl di(2-propynyl) phosphites. Russian Chemical Bulletin, 2021, 70, 2195-2199.	0.4	2
9	Synthesis of nitrogen, phosphorus, selenium and sulfur-containing heterocyclic compounds â€“ Determination of their carbonic anhydrase, acetylcholinesterase, butyrylcholinesterase and Î±-glycosidase inhibition properties. Bioorganic Chemistry, 2020, 103, 104171.	2.0	64
10	NaOH(KOH)-catalyzed vinylation of cellulose with acetylene gas in water. Cellulose, 2020, 27, 9271-9283.	2.4	2
11	Catalyst-free regio- and chemoselective addition of secondary phosphine oxides to isoquinolines. Russian Chemical Bulletin, 2020, 69, 1102-1105.	0.4	3
12	Chemoselective vinylation of aminophenols with acetylene catalyzed by sodium aminophenolates in aqueous DMSO. Mendeleev Communications, 2020, 30, 788-790.	0.6	0
13	Pd-catalyzed rearrangement of ferrocenylalkyl vinyl ethers to the related aldehydes and ketones. Tetrahedron Letters, 2020, 61, 152110.	0.7	3
14	Free Radical Hydrophosphorylation of Fluoroalkyl Vinyl Ethers: Synthesis of Fluoroalkyl Phosphonates. Russian Journal of General Chemistry, 2020, 90, 614-618.	0.3	2
15	Catalyst-Free Double CH-Functionalization of Quinolines with Phosphine Oxides via Two S_N^HAr Reaction Sequences. Journal of Organic Chemistry, 2020, 85, 4927-4936.	1.7	10
16	Synthesis of Non-Symmetric Functionalized Polyfluoroalkyl Phosphites. Russian Journal of General Chemistry, 2020, 90, 839-844.	0.3	1
17	Synthesis of Amido- and Diamidophosphites with Polyfluoroalkyl Substituents. Russian Journal of General Chemistry, 2020, 90, 229-234.	0.3	0
18	Organophosphorus chemistry based on elemental phosphorus: advances and horizons. Russian Chemical Reviews, 2020, 89, 225-249.	2.5	31

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19	Oxidative Cross-Coupling of Cysteamine with Secondary Phosphine Chalcogenides: Aspects of Reaction Chemoselectivity. Doklady Chemistry, 2020, 490, 11-15.	0.2	0
20	Reduction of Acridine and 9-Chloroacridine with Red Phosphorus in the KOH/DMSO System. Doklady Chemistry, 2019, 487, 177-179.	0.2	1
21	Superbaseâ€Assisted Selective Synthesis of Triarylphosphines from Aryl Halides and Red Phosphorus: Three Consecutive Different S_NAr Reactions in One Pot. European Journal of Organic Chemistry, 2019, 2019, 6240-6245.	1.2	10
22	Single-stage synthesis of alkyl-H-phosphinic acids from elemental phosphorus and alkyl bromides. Mendeleev Communications, 2019, 29, 328-330.	0.6	10
23	Polyfluoroalkyl Phosphates Bearing Propargyl Substituents. Russian Journal of General Chemistry, 2019, 89, 708-712.	0.3	3
24	Unexpected Reaction of Secondary Phosphine Chalcogenides with Acridine. Russian Journal of General Chemistry, 2019, 89, 543-545.	0.3	3
25	Acetylene-Triggered Reductive Incorporation of Phosphine Chalcogenides into a Quinoline Scaffold: Toward S_N^HAr Reaction. Journal of Organic Chemistry, 2019, 84, 6244-6257.	1.7	16
26	Phosphorylation of Acetylaminophenols with Secondary Phosphine Chalcogenides: Synthesis of O-(Acetylamino)phenyl Chalcogenophosphinates. Russian Journal of General Chemistry, 2019, 89, 59-62.	0.3	1
27	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.	1.6	12
28	Catalyst-free addition of secondary phosphine chalcogenides to pyrazolecarbaldehydes. Mendeleev Communications, 2019, 29, 683-685.	0.6	5
29	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.	0.3	3
30	Metal-free site selective cross-coupling of pyridines with secondary phosphine chalcogenides using acylacetylenes as oxidants. Chemical Communications, 2018, 54, 3371-3374.	2.2	25
31	Phosphorus halide free synthesis of 1,2,3,4-tetrahydroisophosphinoline 2-oxides. Mendeleev Communications, 2018, 28, 29-30.	0.6	3
32	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.	0.7	16
33	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.	0.9	4
34	One-Pot Chlorine-Free Synthesis of Chiral Organophosphorus Compounds from Elemental Phosphorus and Î±-Methylstyrene Dimer. Doklady Chemistry, 2018, 478, 5-8.	0.2	4
35	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.	0.8	6
36	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.	1.0	3

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37	2-Halopyridines in the triple reaction in the P /KOH/DMSO system to form tri(2-pyridyl)phosphine: Experimental and quantum-chemical dissimilarities. Mendeleev Communications, 2018, 28, 472-474.	0.6	12
38	Catalyst-Free Phosphorylation of Acridine with Secondary Phosphine Chalcogenides: Nucleophilic Addition vs S_NH Ar Reaction. Organic Letters, 2018, 20, 7388-7391.	2.4	16
39	Solvent-free synthesis of 4-chalcogenophosphorylpyridines via <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:msubsup><mml:mtext>S</mml:mtext><mml:mtext>N</mml:mtext><mml:mtext>H</mml:mtext> reaction of pyridines with secondary phosphine chalcogenides. Mendeleev Communications, 2018, 28,	0.6	6
40	Chemoselective Cross-Coupling of Secondary Phosphine Chalcogenides with Aminophenols: Synthesis of Aminophenylchalcogenophosphinic Acids O-Esters. Russian Journal of General Chemistry, 2018, 88, 2223-2226.	0.3	2
41	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.	0.7	3
42	Organoelement chemistry: promising growth areas and challenges. Russian Chemical Reviews, 2018, 87, 393-507.	2.5	157
43	Three-Component Reaction of 4-Methylpyridine with Alkyl Propiolates and Secondary Phosphine Chalcogenides. Russian Journal of General Chemistry, 2018, 88, 912-918.	0.3	5
44	Synthesis and Isomer Composition of 2-Polyfluoroalkoxy-1,3,2-dioxaphospholanes and -phosphinanes. Russian Journal of General Chemistry, 2018, 88, 705-712.	0.3	3
45	Polarity and structure of derivatives of bis(2-phenylethyl)selenophosphinic acid. Pure and Applied Chemistry, 2017, 89, 393-401.	0.9	3
46	Oxidative coupling of hydroxy- or aminoazobenzenes with secondary phosphine chalcogenides: Towards new media-responsive molecular switches. Tetrahedron Letters, 2017, 58, 1992-1995.	0.7	6
47	Furfuryl vinyl ethers in [4+2]-cycloaddition reactions. Russian Journal of Organic Chemistry, 2017, 53, 203-209.	0.3	5
48	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.	1.0	5
49	Microwave-assisted catalyst-free addition of secondary phosphines to fullerene C 60. Mendeleev Communications, 2017, 27, 198-200.	0.6	0
50	Four-Component Reaction between Secondary Phosphines, Primary Amines, Aldehydes, and Chalcogens: A Facile Access to Functionalized Î±-Aminophosphine Chalcogenides. Synthesis, 2017, 49, 677-684.	1.2	4
51	Catalyst- and Solvent-Free Addition of the Pâ€“H Species to Alkenes and Alkynes: A Green Methodology for Câ€“P Bond Formation. Synthesis, 2017, 49, 4783-4807.	1.2	30
52	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.	0.3	1
53	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.	1.8	12
54	Synthesis of polyfluoralkylated 1,3,2-dioxaphospholane and 1,3,2-dioxaphosphorinane oxides. Russian Journal of Organic Chemistry, 2017, 53, 1623-1629.	0.3	2

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55	Unexpected Carbonâ€“Selenium Bond Formation in the Reaction of Secondary Phosphine Selenides with Benzoylphenylacetylene. Russian Journal of General Chemistry, 2017, 87, 2902-2903.	0.3	1
56	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
57	One-pot synthesis of polyfluoroalkylphosphonylated dihydropyridines with a carboxylate function from pyridines, alkyl propiolates, and bis(fluoroalkyl) phosphonates. Tetrahedron Letters, 2016, 57, 3515-3517.	0.7	6
58	Non-catalyzed addition of secondary phosphine chalcogenides to divinyl chalcogenides under solvent-free conditions. Journal of Sulfur Chemistry, 2016, 37, 488-500.	1.0	2
59	Direct phosphorylation of fullerene C60 with phosphine. Doklady Chemistry, 2016, 471, 321-324.	0.2	2
60	Noncatalytic addition of secondary phosphines to vinyl selenides. Russian Journal of Organic Chemistry, 2016, 52, 1511-1513.	0.3	2
61	Environmentally benign (Green) synthesis of Cobazole, an efficient erythropoiesis-stimulating agent. Doklady Chemistry, 2016, 471, 360-361.	0.2	3
62	Steric control of regiodirectivity of reductive N-vinylationâ€“C-phosphorylation of pyridines with the system alkyl propiolateâ€“secondary phosphine oxide. Russian Journal of General Chemistry, 2016, 86, 731-734.	0.3	4
63	Efficient One-Pot Synthesis of Mono- and Bis[di(2-pyridyl)phosphine Oxides] from Tris(2-pyridyl)phosphine. Synlett, 2016, 27, 2451-2454.	1.0	8
64	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
65	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.	0.3	3
66	Synthesis of tris[2-(2-furyl)ethyl]phosphine its chalcogenides and Pdii complex. Mendeleev Communications, 2016, 26, 314-316.	0.6	5
67	First Examples of the Athertonâ€“Toddâ€Like Reaction in the Absence of Bases. Heteroatom Chemistry, 2016, 27, 44-47.	0.4	9
68	Straightforward Solventâ€Free Synthesis of Tertiary Phosphine Chalcogenides from Secondary Phosphines, Electronâ€Rich Alkenes, and Elemental Sulfur or Selenium. Heteroatom Chemistry, 2016, 27, 48-53.	0.4	8
69	Reaction of 9-bromoanthracene with red phosphorus in the system KOHâ€'DMSO. Russian Journal of Organic Chemistry, 2016, 52, 1059-1061.	0.3	3
70	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
71	First heteroleptic diselenophosphinate and thioselenophosphinate nickel(II) complexes with N-donor co-ligands. Polyhedron, 2016, 111, 79-85.	1.0	5
72	Reaction of elemental phosphorus with Î±-methylstyrenes: one-pot synthesis of secondary and tertiary phosphines, prospective bulky ligands for Pd(II) catalysts. Tetrahedron, 2016, 72, 443-450.	1.0	16

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73	First example of direct phosphorylation of vinyl silanes with elemental phosphorus in superbasic media. Russian Journal of General Chemistry, 2015, 85, 2416-2417.	0.3	5
74	An Expedient Access to Î³â€Ketophosphine Chalcogenides via the Chemoâ€•and Regioselective Addition of Secondary Phosphine Chalcogenides to Î²,Î³â€Ethylenic Ketones. Heteroatom Chemistry, 2015, 26, 455-462.	0.4	3
75	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
76	Unexpected N,Nâ€™-coordination of tris(2-pyridyl)-phosphine chalcogenides to PdCl2. Mendeleev Communications, 2015, 25, 196-198.	0.6	13
77	Synthesis and properties of a new family of phosphorus- and nitrogen-containing ionenes. Doklady Chemistry, 2015, 465, 286-290.	0.2	5
78	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.	0.4	1
79	Electrophilic addition of thioselenophosphinic acids to vinyl sulfides and selenides. Journal of Sulfur Chemistry, 2015, 36, 216-226.	1.0	4
80	Atom-economic synthesis of highly branched functional â€˜tripod-likeâ€™ triphosphine sulfides. Journal of Sulfur Chemistry, 2015, 36, 227-233.	1.0	1
81	Complexation of tris(2-pyridyl)phosphine chalcogenides with copper(I) halides: The selective formation of scorpionate complexes, [Cu(N,Nâ€²,Nâ€³-2-Py3PX)Hal] (X=O, S and Se). Polyhedron, 2015, 90, 1-6.	1.0	8
82	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.	0.4	3
83	Dual reactivity of secondary phosphines and their chalcogenides towards 1-(vinyloxy)alkylferrocenes: the switch between Î±- and Î²-addition. Tetrahedron, 2015, 71, 1998-2003.	1.0	6
84	One-pot reductive N-vinylation and C(4)-phosphorylation of pyridines with alkyl propiolates and secondary phosphine chalcogenides. Tetrahedron Letters, 2015, 56, 4804-4806.	0.7	19
85	Catalyst- and Solvent-Free Rapid Addition of Secondary Phosphine Chalcogenides to Aldehydes: Another Click Chemistry. Synthesis, 2015, 47, 1611-1622.	1.2	27
86	Chlorination of secondary phosphine chalcogenides with carbon tetrachloride in the absence of bases. Russian Journal of General Chemistry, 2015, 85, 380-382.	0.3	3
87	Expedient Route to Chalcogenophosphinates with Glucose Moieties via Toddâ€“Athertonâ€Like Coupling between Secondary Phosphine Chalcogenides and Diacetoneâ€<scp>d</scp>â€Glucose in the CCl₄/Et₃N System. Heteroatom Chemistry, 2015, 26, 329-334.	0.4	6
88	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.	0.3	12
89	Nanobiocomposite based on selenium and arabinogalactan: Synthesis, structure, and application. Russian Journal of General Chemistry, 2015, 85, 485-487.	0.3	14
90	Catalyst- and Solvent-Free Stereoselective Addition of Secondary Phosphine Chalcogenides to Alkynes. Synthesis, 2015, 47, 263-271.	1.2	14

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91	Synthesis of new N-phosphorylated vinylhydropyridines. Russian Journal of General Chemistry, 2015, 85, 1978-1981.	0.3	5
92	Regioselective Addition of Dithiophosphinic Acids to Vinyl Sulfides and Selenides: An Efficient Route Toward Functional Dithiophosphinates. Heteroatom Chemistry, 2015, 26, 72-78.	0.4	4
93	Acetylene phosphorylation with elemental phosphorus in the KOH-DMSO system. Russian Journal of General Chemistry, 2014, 84, 2401-2404.	0.3	3
94	Synthesis of Functional Tripodal Phosphines with Amino and Ether Groups by the Hydrophosphination of Trivinyl Ethers with Secondary Phosphines. Synthesis, 2014, 46, 653-659.	1.2	8
95	Catalyst-Free and Solvent-Free Addition of P(Se)â€“H Species to Alkenes: A Straightforward Access to Tertiary Phosphine Selenides. Synthesis, 2014, 46, 2656-2662.	1.2	13
96	Atom-Economic, Metal- and Halogen-Free Synthesis of Podands: Î±,Ï‰-Diphosphines and Their Chalcogenides Separated by Alkane Diol Spacers. Synthesis, 2014, 46, 2098-2098.	1.2	0
97	Reaction of secondary phosphine chalcogenides with diallylamine. Russian Journal of General Chemistry, 2014, 84, 1742-1747.	0.3	2
98	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.	0.3	4
99	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.	0.6	5
100	Reaction of Vinyl Selenides with Secondary Phosphines and Elemental Selenium: Oneâ€Pot Selective Synthesis of a New Family of Diselenophosphinic Seâ€Esters. Heteroatom Chemistry, 2014, 25, 135-139.	0.4	8
101	Facile Nonâ€Catalyzed Synthesis of Tertiary Phosphine Sulfides by Regioselective Addition of Secondary Phosphine Sulfides to Alkenes. European Journal of Organic Chemistry, 2014, 2014, 2516-2521.	1.2	17
102	Dinuclear gold(<scp>i</scp>) dithio- and diselenophosph(in)ate complexes forming mononuclear gold(<scp>iii</scp>) oxidative addition complexes and reversible chemical reductive elimination products. Dalton Transactions, 2014, 43, 663-670.	1.6	14
103	A new convenient synthetic route to metal diselenophosphinates: Synthesis and characterization of [M2(Se2PPh2)4] (MÂ=ÂZn, Cd and Hg) complexes. Journal of Organometallic Chemistry, 2014, 758, 60-64.	0.8	6
104	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.	0.3	4
105	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.	0.8	10
106	One-pot microwave synthesis of tertiary phosphine sulfides directly from aromatic alkenes, elemental phosphorus and sulfur in KOHâ€“DMSO system. Journal of Sulfur Chemistry, 2014, 35, 137-144.	1.0	6
107	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.	1.8	5
108	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.	0.7	7

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109	Reaction of Tri(2â€pyridyl)phosphine with Electronâ€Deficient Alkynes in Water: Stereoselective Synthesis of Functionalized Pyridylvinylphosphine Oxides. European Journal of Organic Chemistry, 2014, 2014, 639-643.	1.2	8
110	Tuneable superbase-catalyzed vinylation of Î±-hydroxyalkylferrocenes with alkynes. Tetrahedron, 2014, 70, 5954-5960.	1.0	13
111	Synthesis and comparative structural study of tris-chelated Sb(III), Bi(III) and Cr(III) diselenophosphinato complexes. Polyhedron, 2014, 68, 53-59.	1.0	8
112	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.	1.0	3
113	Cross-coupling between secondary phosphine selenides and primary or secondary amines: halogen-free synthesis of phosphinoselenoic amides. Mendeleev Communications, 2013, 23, 253-254.	0.6	4
114	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.	0.8	5
115	Reactions of 2- and 4-pyrones with secondary phosphine chalcogenides: a facile synthesis of functional phosphorylated pyrones. Tetrahedron Letters, 2013, 54, 6772-6775.	0.7	8
116	Synthesis of oxazolidinylphosphine chalcogenides from aminoethyl vinyl ethers. Russian Chemical Bulletin, 2013, 62, 107-110.	0.4	1
117	Highly efficient atom economical â€œgreen chemistryâ€•synthesis of vinyl sulfides from thiols and acetylene in water. Russian Chemical Bulletin, 2013, 62, 438-440.	0.4	16
118	Nucleophilic addition of phosphine to 4-chlorostyrenes in the KOH-DMSO system. Russian Chemical Bulletin, 2013, 62, 2495-2497.	0.4	8
119	Radical addition of secondary phosphine chalcogenides to allylamine: Atom-economic synthesis of aminopropylphosphine chalcogenides. Russian Journal of General Chemistry, 2013, 83, 1895-1899.	0.3	3
120	Polarity and Conformational Analysis of Secondary Phosphine Selenides. Phosphorus, Sulfur and Silicon and the Related Elements, 2013, 188, 95-99.	0.8	2
121	Cycloaddition of primary phosphines to divinyl sulfide. Russian Journal of Organic Chemistry, 2013, 49, 12-16.	0.3	2
122	Alkali Metal Thioselenophosphinates, M[SeSPR₂]: Oneâ€Pot Multicomponent Synthesis, DFT Study, and Synthetic Application. European Journal of Inorganic Chemistry, 2013, 2013, 415-426.	1.0	12
123	Three-component reaction between secondary phosphine sulfides, elemental selenium and vinyl ethers: the first examples of Markovnikov addition of thioselenophosphinic acids to double bond. Tetrahedron, 2013, 69, 6185-6195.	1.0	7
124	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.	0.7	9
125	Three-component reaction between elemental sulfur, primary phosphines, and amines: straightforward synthesis of organylammonium trithiophosphonates. Journal of Sulfur Chemistry, 2013, 34, 227-232.	1.0	2
126	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.	1.8	1

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127	Atom-Economic, Metal- and Halogen-Free Synthesis of Podands: Î±,Ï‰-Diphosphines and Their Chalcogenides Separated by Alkane Diol Spacers. Synthesis, 2012, 44, 2938-2946.	1.2	6
128	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.	1.2	6
129	Chemoselective Reactions of Secondary Phosphine Chalcogenides with Vinyloxyalkylamines: Synthesis of a Novel Family of Functional PhosphinoÑhalcogenÐ¾ic Amides. Synthesis, 2012, 44, 2786-2792.	1.2	6
130	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.	0.6	21
131	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.	0.3	5
132	Synthesis of first representatives of alkaline-earth metal diselenophosphinates. Russian Chemical Bulletin, 2012, 61, 456-458.	0.4	0
133	Facile Self-Assembly Synthesis and Characterization of Diselenophosphinato Octanuclear CuIClusters Inscribed in a Twelve-Vertex Selenium Polyhedron. European Journal of Inorganic Chemistry, 2012, 2012, 4921-4929.	1.0	28
134	Chemo- and regioselective reaction of vinyl furfuryl ethers with alcohols. Russian Journal of Organic Chemistry, 2012, 48, 1162-1167.	0.3	6
135	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.	0.2	8
136	Superbase-Assisted Addition of Phosphine to 1-Methoxy-4-vinylbenzene: Toward a Rare Family of Organic Phosphines. Synthetic Communications, 2012, 42, 1685-1694.	1.1	8
137	One-pot synthesis of ultra-branched mixed tetradentate tripodal phosphines and phosphine chalcogenides. Tetrahedron, 2012, 68, 9218-9225.	1.0	11
138	Synthesis and Structural Characterization of the First Europium(III) Pyridylphosphine Complex, [Eu(N,Nâ€™,Nâ€•2-Py3P)(NO3)3]. Mendeleev Communications, 2012, 22, 294-296.	0.6	10
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