Svetlana F Malysheva

List of Publications by Year in Descending Order

170 papers	1,192 citations	17 h-index	23 g-index
173 ext. papers	1,298 ext. citations	1.5 avg, IF	3.93 L-index

#	Paper	IF	Citations
170	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	0.7	
169	Synthesis and Characterization of the New Cluster Complex {Mo3S4} with the Hemilabile Phosphine-Selenoether Ligand. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2021**, 47, 209-218	1.6	
168	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
167	Polarity and Conformational Analysis of Tri(1-naphthyl)phosphine, Tri(2-naphthyl)phosphine, and Their Chalcogenides. *Russian Journal of Organic Chemistry*, **2021**, 57, 1245-1255	0.7	
166	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	
165	Trinuclear M3S4 cluster complexes with hemilabile phosphino-thioether ligands: Some experimental and theoretical aspects. *Inorganica Chimica Acta*, **2020**, 508, 119645	2.7	2
164	Synthesis of Selenium-Containing Humic Nano-Biocomposites from Sodium Bis(2-phenylethyl)phosphinodiselenoate. *Russian Journal of General Chemistry*, **2020**, 90, 123-128	0.7	1
163	Synthesis of Non-Symmetric Functionalized Polyfluoroalkyl Phosphites. *Russian Journal of General Chemistry*, **2020**, 90, 839-844	0.7	1
162	Synthesis of Amido- and Diamidophosphites with Polyfluoroalkyl Substituents. *Russian Journal of General Chemistry*, **2020**, 90, 229-234	0.7	
161	Copper(I) halide polymers derived from tris[2-(pyridin-2-yl)ethyl]phosphine: halogen-tunable colorful luminescence spanning from deep blue to green. *New Journal of Chemistry*, **2020**, 44, 6916-6922	3.6	18
160	Experimental and Theoretical Conformational Analysis of Tris(4-methylphenyl)phosphine and Its Chalcogenides. *Russian Journal of Organic Chemistry*, **2020**, 56, 2098-2103	0.7	1
159	Single-stage synthesis of alkyl-H-phosphinic acids from elemental phosphorus and alkyl bromides. *Mendeleev Communications*, **2019**, 29, 328-330	1.9	6
158	Alkyl-dependent self-assembly of the first red-emitting zwitterionic {CuI} clusters from [alkyl-P(2-Py)] salts and CuI: when size matters. *Dalton Transactions*, **2019**, 48, 2328-2337	4.3	29
157	Electroconducting properties infusion for dielectric track membrane by means novel phosphorus-containing proton-conducting ionic liquids impregnation **2019**,		1
156	Reduction of Acridine and 9-Chloroacridine with Red Phosphorus in the KOH/DMSO System. *Doklady Chemistry*, **2019**, 487, 177-179	0.8	
155	Polarity and Structure of Se-Esters of Diselenophosphinic Acids: Experimental and Theoretical Conformational Analysis in Solution. *Russian Journal of General Chemistry*, **2019**, 89, 929-938	0.7	
154	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

153	Synthesis and antimicrobial activity of arabinogalactan-stabilized selenium nanoparticles from sodium bis(2-phenylethyl)diselenophosphinate. *Russian Chemical Bulletin*, **2019**, 68, 2245-2251	1.7	7
152	Phosphorus halide free synthesis of 1,2,3,4-tetrahydroisophosphinoline 2-oxides. *Mendeleev Communications*, **2018**, 28, 29-30	1.9	2
151	Bright green-to-yellow emitting Cu(i) complexes based on bis(2-pyridyl)phosphine oxides: synthesis, structure and effective thermally activated-delayed fluorescence. *Dalton Transactions*, **2018**, 47, 2701-2710	4.3	27
150	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
149	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
148	Hemilability of phosphine-thioether ligands coordinated to trinuclear Mo3S4 cluster and its effect on hydrogenation catalysis. *New Journal of Chemistry*, **2018**, 42, 17708-17717	3.6	5
147	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
146	Conformational Analysis of Tris(3-methylphenyl)phosphine and Its Chalcogenides. *Russian Journal of General Chemistry*, **2018**, 88, 2251-2256	0.7	2
145	Tri(1-naphthyl)phosphine as a ligand in palladium-free Sonogashira cross-coupling of arylhalogenides with acetylenes. *Heteroatom Chemistry*, **2018**, 29, e21443	1.2	6
144	Polarity and structure of derivatives of bis(2-phenylethyl)selenophosphinic acid. *Pure and Applied Chemistry*, **2017**, 89, 393-401	2.1	3
143	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
142	Microwave-assisted catalyst-free addition of secondary phosphines to fullerene C 60. *Mendeleev Communications*, **2017**, 27, 198-200	1.9	
141	Polarity of selected derivatives of diselenophosphinic acid. *Russian Journal of General Chemistry*, **2017**, 87, 2122-2124	0.7	1
140	Reaction of 9-bromoanthracene with red phosphorus in the system KOH-DMSO. *Russian Journal of Organic Chemistry*, **2016**, 52, 1059-1061	0.7	2
139	Reaction of elemental phosphorus with α-methylstyrenes: one-pot synthesis of secondary and tertiary phosphines, prospective bulky ligands for Pd(II) catalysts. *Tetrahedron*, **2016**, 72, 443-450	2.4	9
138	Direct phosphorylation of fullerene C60 with phosphine. *Doklady Chemistry*, **2016**, 471, 321-324	0.8	1
137	Synthesis and conformational analysis of phosphine selenides. *Russian Journal of General Chemistry*, **2016**, 86, 590-601	0.7	4
136	Efficient One-Pot Synthesis of Mono- and Bis[di(2-pyridyl)phosphine Oxides] from Tris(2-pyridyl)phosphine. *Synlett*, **2016**, 27, 2451-2454	2.2	7

135	The Direct Phosphorylation Of 2-, 3-, and 4-Methylstyrenes and 2,4,6-Trimethylstyrene with Elemental Phosphorus VIA Trofimov□Gusarova Reaction. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2015**, 190, 1455-1463	1	3
134	Catalyst- and Solvent-Free Stereoselective Addition of Secondary Phosphine Chalcogenides to Alkynes. *Synthesis*, **2015**, 47, 263-271	2.9	11
133	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
132	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
131	Unexpected N,N□coordination of tris(2-pyridyl)-phosphine chalcogenides to PdCl2. *Mendeleev Communications*, **2015**, 25, 196-198	1.9	12
130	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
129	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
128	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
127	One-pot microwave synthesis of tertiary phosphine sulfides directly from aromatic alkenes, elemental phosphorus and sulfur in KOH□DMSO system. *Journal of Sulfur Chemistry*, **2014**, 35, 137-144	2.3	6
126	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
125	Acetylene phosphorylation with elemental phosphorus in the KOH-DMSO system. *Russian Journal of General Chemistry*, **2014**, 84, 2401-2404	0.7	2
124	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
123	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
122	Direct phosphorylation of □alkylstyrenes with elemental phosphorus under Trofimov-Gusarova reaction conditions. *Russian Journal of Organic Chemistry*, **2013**, 49, 1839-1841	0.7	3
121	Conformational analysis of arylphosphine selenides. *Russian Journal of Organic Chemistry*, **2013**, 49, 1709-1711	0.7	3
120	Nucleophilic addition of phosphine to 4-chlorostyrenes in the KOH-DMSO system. *Russian Chemical Bulletin*, **2013**, 62, 2495-2497	1.7	8
119	Synthesis and physicochemical properties of homo- and copolymers of 4-vinyloxymethyl-2-methyl-1,3-dioxolane. *Doklady Chemistry*, **2013**, 448, 29-30	0.8	
118	Polarity and Conformational Analysis of Secondary Phosphine Selenides. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2013**, 188, 95-99	1	2

117	Cycloaddition of primary phosphines to divinyl sulfide. *Russian Journal of Organic Chemistry*, **2013**, 49, 12-16	0.7	1
116	Three-component reaction between elemental sulfur, primary phosphines, and amines: straightforward synthesis of organylammonium trithiophosphonates. *Journal of Sulfur Chemistry*, **2013**, 34, 227-232	2.3	2
115	Unexpected redox reaction of alkali metal diselenophosphinates with elemental iodine. *Mendeleev Communications*, **2012**, 22, 18-20	1.9	11
114	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
113	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
112	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
111	Polarity and vibrational spectra of bis(2-phenylethyl)- and bis(2-phenylpropyl)phosphine selenides. *Russian Journal of Organic Chemistry*, **2012**, 48, 1003-1004	0.7	8
110	Conformational analysis of secondary arylalkylphosphine selenides. *Russian Journal of Organic Chemistry*, **2012**, 48, 1320-1322	0.7	6
109	One-Pot Halogen-Free Synthesis of 2,3-Dihydro-1H-inden-2-yl-phosphinic Acid from 1H-indene and Elemental Phosphorus via the Trofimov-Gusarova Reaction. *Heteroatom Chemistry*, **2012**, 23, 568-573	1.2	11
108	Synthesis of first representatives of alkaline-earth metal diselenophosphinates. *Russian Chemical Bulletin*, **2012**, 61, 456-458	1.7	
107	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
106	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
105	One-pot synthesis of ultra-branched mixed tetradentate tripodal phosphines and phosphine chalcogenides. *Tetrahedron*, **2012**, 68, 9218-9225	2.4	10
104	Synthesis and Structural Characterization of the First Europium(III) Pyridylphosphine Complex, [Eu(N,N□N□2-Py3P)(NO3)3]. *Mendeleev Communications*, **2012**, 22, 294-296	1.9	8
103	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
102	Efficient Synthesis of Lupininium, Anabasinium and Quininium Thioselenophosphinates via a Multi-component Reaction between Secondary Phosphines, Sulfur, Selenium and Alkaloids. *Organic Preparations and Procedures International*, **2012**, 44, 262-270	1.1	6
101	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
100	Novel quinine, lupinine, and anabasine derivatives containing dithiophosphinate groups. *Chemistry of Heterocyclic Compounds*, **2012**, 48, 448-452	1.4	5

99	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
98	Novel atom-economic synthesis of thioselenophosphinates via three-component reaction between secondary phosphine sulfides, elemental selenium, and amines. *Journal of Sulfur Chemistry*, **2011**, 32, 599-610	2.3	4
97	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
96	Diselenophosphinates. Synthesis and Applications. *Organic Preparations and Procedures International*, **2011**, 43, 381-449	1.1	17
95	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
94	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
93	New synthesis of diselenophosphinates of heavy metals. *Russian Journal of General Chemistry*, **2011** , 81, 1449-1452	0.7	4
92	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
91	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
90	An Efficient and General Synthesis of Se-Esters of Diselenophosphinic Acids via Reaction of Alkali Metal Diselenophosphinates with Organic Halides. *Synthesis*, **2011**, 2011, 1309-1313	2.9	3
89	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
88	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
87	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
86	Rapid and Convenient One-Pot Method for the Preparation of Alkali Metal Phosphinodiselenoates. *Synthesis*, **2010**, 2010, 2463-2467	2.9	10
85	Efficient General Synthesis of Alkylammonium Diselenophosphinates via Multicomponent One-Pot Reaction of Secondary Phosphines with Elemental Selenium and Amines. *Synthesis*, **2010**, 2010, 3724-3730	2.9	3
84	One-Pot Vinylation of Secondary Phosphine Chalcogenides with Vinyl Sulfoxides. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2010**, 185, 1838-1844	1	9
83	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
82	Chlorination of secondary phosphine selenides with the system CCl4/NEt3. *Russian Journal of General Chemistry*, **2010**, 80, 1043-1044	0.7	4

81	Nanocomposites of red phosphorus in the reaction with 4-methoxystyrene. *Russian Journal of General Chemistry*, **2010**, 80, 1380-1382	0.7	
80	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
79	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
78	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
77	Three-component reaction of secondary phosphines with elemental selenium and amines. *Russian Journal of Organic Chemistry*, **2010**, 46, 592-593	0.7	7
76	Reaction of phosphine with allylbenzene in the KOH–DMSO 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
75	Structure and properties of bis{[2-(4-tert-butyl)phen]ethyl}phosphine sulfide. *Journal of Structural Chemistry*, **2010**, 51, 120-125	0.9	2
74	Selective synthesis of hydrazinium diselenophosphinates from secondary phosphines, elementary selenium, and hydrazine. *Russian Chemical Bulletin*, **2010**, 59, 1671-1673	1.7	10
73	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
72	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
71	A novel simple synthesis of bis(diorganoselenophosphoryl)selenides (R2PSe)2Se from secondary phosphines and elemental selenium. *Tetrahedron Letters*, **2010**, 51, 2141-2143	2	19
70	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
69	A Simple Atom-Economic Synthesis of Functional Tertiary Phosphine Chalcogenides Bearing Furan or Tetrahydrofuran Rings. *Synthesis*, **2009**, 2009, 3427-3432	2.9	7
68	Facile Synthesis of Hyper-Branched Tetraphosphanes and Tetraphosphane Chalcogenides. *European Journal of Organic Chemistry*, **2009**, 2009, 3427-3431	3.2	10
67	Conformational analysis and stereochemical dependences of (31)P-(1)H spin-spin coupling constants of bis(2-phenethyl)vinylphosphine and related phosphine chalcogenides. *Magnetic Resonance in Chemistry*, **2009**, 47, 288-99	2.1	20
66	Nucleophilic diaddition of secondary phosphine sulfides to acetylene and methylacetylene. *Russian Chemical Bulletin*, **2009**, 58, 234-237	1.7	2
65	Nanocomposites of red phosphorus as novel phosphorylating reagents. *Doklady Chemistry*, **2009**, 427, 153-155	0.8	10
64	Novel method for the synthesis of diselenophosphinates. *Doklady Chemistry*, **2009**, 428, 225-227	0.8	7

63	Stereoselective free-radical addition of secondary phosphine selenides to aromatic acetylenes. *Journal of Organometallic Chemistry*, **2009**, 694, 677-682	2.3	20
62	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
61	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
60	Preconcentration of gold, silver, palladium, platinum, and ruthenium with organophosphorus extractants. *Russian Journal of Applied Chemistry*, **2009**, 82, 183-189	0.8	24
59	Theoretical conformational analysis of unsaturated phospines and phosphinechalcogenides. *Russian Journal of Organic Chemistry*, **2009**, 45, 667-673	0.7	5
58	Synthesis of novel alkaloid derivatives from vinyl ether of lupinine and PH-addends. *Arkivoc*, **2009**, 2009, 260-267	0.9	11
57	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
56	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
55	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
54	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
53	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
52	Nucleophilic addition of phosphine to vinyl sulfoxides. *Russian Journal of General Chemistry*, **2008**, 78, 1011-1013	0.7	
51	First example of alkylation of secondary phosphine selenides. *Russian Journal of General Chemistry*, **2008**, 78, 1628-1630	0.7	4
50	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	
49	Free-radical addition of phosphine sulfides to aryl and hetaryl acetylenes: unprecedented stereoselectivity. *Mendeleev Communications*, **2007**, 17, 181-182	1.9	13
48	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
47	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
46	Structure and dynamic properties of substituted carbonylhydride clusters H2RuOs3(CO)13 and H4Ru4(CO)12 containing functionalized phosphines. *Russian Chemical Bulletin*, **2007**, 56, 1343-1350	1.7	3

45	Radical Addition of Secondary Phosphine Selenides to Alkenes. *Synthesis*, **2007**, 2007, 2849-2852	2.9	3
44	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
43	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
42	Competitive Deprotonation in Vicinal O=SCH2CH2P=O Moieties. *Letters in Organic Chemistry*, **2006**, 3, 720-722	0.6	2
41	Synthesis and structure of bis(2-phenylethyl) phosphine selenide. *Journal of Structural Chemistry*, **2005**, 46, 1066-1071	0.9	27
40	Reduction of Arylmethyl Chlorides with a Phosphine-Hydrogen Mixture in the KOH-DMSO System. *Russian Journal of General Chemistry*, **2005**, 75, 658-659	0.7	
39	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
38	Pt(II) and Pd(II) Complexes with (2-Bromo-1-phenylvinyl)diphenylphosphine and Tris(Z-styryl)phosphine. *Russian Journal of General Chemistry*, **2005**, 75, 694-696	0.7	3
37	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
36	Atom-Economic, Solvent-Free, High Yield Synthesis of 2-(Pyrrol-1-yl)propyldiorganylphosphines. *Synthesis*, **2005**, 2005, 965-970	2.9	4
35	Atom-economic synthesis of tertiary 2-alkoxyethylphosphine sulfides. *Mendeleev Communications*, **2004**, 14, 216-217	1.9	8
34	First Organophosphorus Nonlinear-Optical Media. *Doklady Chemistry*, **2004**, 394, 34-35	0.8	
33	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
32	Rhodium(I) Tristyrylphosphine Cyclooctadiene Complexes. *Russian Journal of General Chemistry*, **2004**, 74, 838-841	0.7	1
31	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
30	Reaction of Activated Red Phosphorus with Allyl Bromide under Phase-Transfer Catalysis. *Russian Journal of General Chemistry*, **2004**, 74, 1128-1129	0.7	2
29	Synthesis of Tertiary Bisphosphine Oxides from Methylacetylene and Secondary Phosphine Oxides. *Russian Journal of Organic Chemistry*, **2004**, 40, 129-130	0.7	3
28	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

27	Addition of secondary phosphines to divinyl sulfide. *Sulfur Letters*, **2003**, 26, 63-66		3
26	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
25	Controlled defect formation in elemental phosphorus as method for its chemical activation. *Russian Chemical Bulletin*, **2003**, 52, 1239-1252	1.7	6
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