Nina Gusarova

List of Publications by Year in Descending Order

382 papers	2,799 citations	21 h-index	35 g-index
466 ext. papers	3,128 ext. citations	1.6 avg, IF	4.86 L-index

#	Paper	IF	Citations
382	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	
381	A mechanistic insight into the chemoselectivity of the reaction between 3-phenyl-2-propynenitrile, secondary phosphine oxides and pyridinoids. *Mendeleev Communications*, **2021**, 31, 670-672	1.9	2
380	Oxidative cross-coupling of secondary phosphine chalcogenides with amino alcohols and aminophenols: aspects of the reaction chemoselectivity. *Organic and Biomolecular Chemistry*, **2021**, 19, 5098-5107	3.9	2
379	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
378	Metal-free SHN cross-coupling of pyridines with phosphine chalcogenides: polarization/deprotonation/oxidation effects of electron-deficient acetylenes. *New Journal of Chemistry*, **2021**, 45, 6206-6219	3.6	4
377	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	
376	Pd-catalyzed rearrangement of ferrocenylalkyl vinyl ethers to the related aldehydes and ketones. *Tetrahedron Letters*, **2020**, 61, 152110	2	3
375	Free Radical Hydrophosphorylation of Fluoroalkyl Vinyl Ethers: Synthesis of Fluoroalkyl Phosphonates. *Russian Journal of General Chemistry*, **2020**, 90, 614-618	0.7	1
374	Catalyst-Free Double CH-Functionalization of Quinolines with Phosphine Oxides via Two SAr Reaction Sequences. *Journal of Organic Chemistry*, **2020**, 85, 4927-4936	4.2	4
373	Synthesis of Non-Symmetric Functionalized Polyfluoroalkyl Phosphites. *Russian Journal of General Chemistry*, **2020**, 90, 839-844	0.7	1
372	Synthesis of Amido- and Diamidophosphites with Polyfluoroalkyl Substituents. *Russian Journal of General Chemistry*, **2020**, 90, 229-234	0.7	
371	Oxidative Cross-Coupling of Cysteamine with Secondary Phosphine Chalcogenides: Aspects of Reaction Chemoselectivity. *Doklady Chemistry*, **2020**, 490, 11-15	0.8	
370	Organophosphorus chemistry based on elemental phosphorus: advances and horizons. *Russian Chemical Reviews*, **2020**, 89, 225-249	6.8	13
369	Synthesis of nitrogen, phosphorus, selenium and sulfur-containing heterocyclic compounds - Determination of their carbonic anhydrase, acetylcholinesterase, butyrylcholinesterase and □-glycosidase inhibition properties. *Bioorganic Chemistry*, **2020**, 103, 104171	5.1	36
368	NaOH(KOH)-catalyzed vinylation of cellulose with acetylene gas in water. *Cellulose*, **2020**, 27, 9271-9283	5.5	1
367	Catalyst-free regio- and chemoselective addition of secondary phosphine oxides to isoquinolines. *Russian Chemical Bulletin*, **2020**, 69, 1102-1105	1.7	2
366	Chemoselective vinylation of aminophenols with acetylene catalyzed by sodium aminophenolates in aqueous DMSO. *Mendeleev Communications*, **2020**, 30, 788-790	1.9	

365	Single-stage synthesis of alkyl-H-phosphinic acids from elemental phosphorus and alkyl bromides. *Mendeleev Communications*, **2019**, 29, 328-330	1.9	6
364	Polyfluoroalkyl Phosphates Bearing Propargyl Substituents. *Russian Journal of General Chemistry*, **2019**, 89, 708-712	0.7	2
363	Unexpected Reaction of Secondary Phosphine Chalcogenides with Acridine. *Russian Journal of General Chemistry*, **2019**, 89, 543-545	0.7	3
362	Acetylene-Triggered Reductive Incorporation of Phosphine Chalcogenides into a Quinoline Scaffold: Toward SAr Reaction. *Journal of Organic Chemistry*, **2019**, 84, 6244-6257	4.2	10
361	Phosphorylation of Acetylaminophenols with Secondary Phosphine Chalcogenides: Synthesis of O-(Acetylamino)phenyl Chalcogenophosphinates. *Russian Journal of General Chemistry*, **2019**, 89, 59-62	0.7	1
360	Reduction of Acridine and 9-Chloroacridine with Red Phosphorus in the KOH/DMSO System. *Doklady Chemistry*, **2019**, 487, 177-179	0.8	
359	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
358	Chemoselective Vinylation of the Quinine Hydroxy Group with the System Electron-Deficient Acetylene/Diphenylphosphine Oxide: an Alternative to SHNAr Reaction. *Russian Journal of Organic Chemistry*, **2019**, 55, 1971-1974	0.7	2
357	Towards C1 chemistry: methanol vinylation by CaC2 in water in the presence of potassium or sodium carbonates. *Journal of Chemical Technology and Biotechnology*, **2019**, 94, 1945-1950	3.5	8
356	Catalyst-free addition of secondary phosphine chalcogenides to pyrazolecarbaldehydes. *Mendeleev Communications*, **2019**, 29, 683-685	1.9	4
355	Metal-free site selective cross-coupling of pyridines with secondary phosphine chalcogenides using acylacetylenes as oxidants. *Chemical Communications*, **2018**, 54, 3371-3374	5.8	17
354	Phosphorus halide free synthesis of 1,2,3,4-tetrahydroisophosphinoline 2-oxides. *Mendeleev Communications*, **2018**, 28, 29-30	1.9	2
353	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
352	Regio- and stereoselective reaction of 3-fluoropyridine, electron-deficient alkynes and bis(fluoroalkyl) phosphites: Catalyst- and solvent-free synthesis of polyfluoroalkylphosphonylated 3-fluoro-1,2-dihydropyridines. *Journal of Fluorine Chemistry*, **2018**, 210, 137-141	2.1	1
351	One-Pot Chlorine-Free Synthesis of Chiral Organophosphorus Compounds from Elemental Phosphorus and □Methylstyrene Dimer. *Doklady Chemistry*, **2018**, 478, 5-8	0.8	2
350	Catalyst-free selenylation of acylacetylenes with secondary phosphine selenides and water: A short-cut to bis(2-acylvinyl) selenides. *Journal of Organometallic Chemistry*, **2018**, 867, 79-85	2.3	6
349	Synthesis and Isomer Composition of 2-Polyfluoroalkoxy-1,3,2-dioxaphospholanes and -phosphinanes. *Russian Journal of General Chemistry*, **2018**, 88, 705-712	0.7	3
348	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

347	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
346	Catalyst-Free Phosphorylation of Acridine with Secondary Phosphine Chalcogenides: Nucleophilic Addition vs SAr Reaction. *Organic Letters*, **2018**, 20, 7388-7391	6.2	10
345	Solvent-free synthesis of 4-chalcogenophosphorylpyridines via SNHAr reaction of pyridines with secondary phosphine chalcogenides. *Mendeleev Communications*, **2018**, 28, 582-583	1.9	2
344	Chemoselective Cross-Coupling of Secondary Phosphine Chalcogenides with Aminophenols: Synthesis of Aminophenylchalcogenophosphinic Acids O-Esters. *Russian Journal of General Chemistry*, **2018**, 88, 2223-2226	0.7	2
343	Transition metal-free regioselective access to 9,10-dihydroanthracenes via the reaction of anthracenes with elemental phosphorus in the KOH/DMSO system. *Tetrahedron Letters*, **2018**, 59, 4533-4536	2	3
342	Organoelement chemistry: promising growth areas and challenges. *Russian Chemical Reviews*, **2018**, 87, 393-507	6.8	111
341	Three-Component Reaction of 4-Methylpyridine with Alkyl Propiolates and Secondary Phosphine Chalcogenides. *Russian Journal of General Chemistry*, **2018**, 88, 912-918	0.7	4
340	Polarity and structure of derivatives of bis(2-phenylethyl)selenophosphinic acid. *Pure and Applied Chemistry*, **2017**, 89, 393-401	2.1	3
339	Oxidative coupling of hydroxy- or aminoazobenzenes with secondary phosphine chalcogenides: Towards new media-responsive molecular switches. *Tetrahedron Letters*, **2017**, 58, 1992-1995	2	4
338	Furfuryl vinyl ethers in [4+2]-cycloaddition reactions. *Russian Journal of Organic Chemistry*, **2017**, 53, 203-209	0.7	4
337	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
336	Microwave-assisted catalyst-free addition of secondary phosphines to fullerene C 60. *Mendeleev Communications*, **2017**, 27, 198-200	1.9	
335	Four-Component Reaction between Secondary Phosphines, Primary Amines, Aldehydes, and Chalcogens: A Facile Access to Functionalized α-Aminophosphine Chalcogenides. *Synthesis*, **2017**, 49, 677-684	2.9	2
334	Catalyst- and Solvent-Free Addition of the P(O)H Species to Alkenes and Alkynes: A Green Methodology for C–P Bond Formation. *Synthesis*, **2017**, 49, 4783-4807	2.9	21
333	Phosphorylation of alkyl methanesulfonates with elemental phosphorus in a strongly basic medium: Synthesis of alkylphosphinic acids. *Russian Journal of General Chemistry*, **2017**, 87, 1876-1878	0.7	
332	A new access to tri(1-naphthyl)phosphine and its catalytically active palladacycles and luminescent Cu(I) complex. *Inorganic Chemistry Communication*, **2017**, 86, 94-97	3.1	7
331	Synthesis of polyfluoralkylated 1,3,2-dioxaphospholane and 1,3,2-dioxaphosphorinane oxides. *Russian Journal of Organic Chemistry*, **2017**, 53, 1623-1629	0.7	1
330	Unexpected Carbon–Selenium Bond Formation in the Reaction of Secondary Phosphine Selenides with Benzoylphenylacetylene. *Russian Journal of General Chemistry*, **2017**, 87, 2902-2903	0.7	1

329	Structural effect in the reductive vinylation/phosphorylation of pyridines with alkyl propiolates and secondary phosphine chalcogenides: protonation vs . zwitterion generation. *Mendeleev Communications*, **2017**, 27, 553-555	1.9	8
328	Reaction of 9-bromoanthracene with red phosphorus in the system KOH-DMSO. *Russian Journal of Organic Chemistry*, **2016**, 52, 1059-1061	0.7	2
327	One-pot regio- and stereoselective synthesis of tertiary phosphine chalcogenides with (E)-N-ethenyl-1,2-dihydroquinoline functionalities. *Tetrahedron Letters*, **2016**, 57, 3776-3780	2	10
326	First heteroleptic diselenophosphinate and thioselenophosphinate nickel(II) complexes with N-donor co-ligands. *Polyhedron*, **2016**, 111, 79-85	2.7	4
325	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
324	One-pot synthesis of polyfluoroalkylphosphonylated dihydropyridines with a carboxylate function from pyridines, alkyl propiolates, and bis(fluoroalkyl) phosphonates. *Tetrahedron Letters*, **2016**, 57, 3515-3517	2	3
323	Non-catalyzed addition of secondary phosphine chalcogenides to divinyl chalcogenides under solvent-free conditions. *Journal of Sulfur Chemistry*, **2016**, 37, 488-500	2.3	2
322	Direct phosphorylation of fullerene C60 with phosphine. *Doklady Chemistry*, **2016**, 471, 321-324	0.8	1
321	Noncatalytic addition of secondary phosphines to vinyl selenides. *Russian Journal of Organic Chemistry*, **2016**, 52, 1511-1513	0.7	2
320	Environmentally benign (Green) synthesis of Cobazole, an efficient erythropoiesis-stimulating agent. *Doklady Chemistry*, **2016**, 471, 360-361	0.8	1
319	Steric control of regiodirectivity of reductive N-vinylation/C-phosphorylation of pyridines with the system alkyl propiolates/secondary phosphine oxide. *Russian Journal of General Chemistry*, **2016**, 86, 731-734	0.7	3
318	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
317	Luminescent CuI thiocyanate complexes based on tris(2-pyridyl)phosphine and its oxide: from mono-, di- and trinuclear species to coordination polymers. *New Journal of Chemistry*, **2016**, 40, 10028-10040	3.6	23
316	Reaction of aryl(diarylphosphoryl)methanols with alkyl propiolates. Regio- and stereoselective synthesis of functional vinyl ethers. *Russian Journal of Organic Chemistry*, **2016**, 52, 772-776	0.7	3
315	Synthesis of tris[2-(2-furyl)ethyl]phosphine its chalcogenides and Pdii complex. *Mendeleev Communications*, **2016**, 26, 314-316	1.9	4
314	First Examples of the Atherton-Todd-Like Reaction in the Absence of Bases. *Heteroatom Chemistry*, **2016**, 27, 44-47	1.2	4
313	Straightforward Solvent-Free Synthesis of Tertiary Phosphine Chalcogenides from Secondary Phosphines, Electron-Rich Alkenes, and Elemental Sulfur or Selenium. *Heteroatom Chemistry*, **2016**, 27, 48-53	1.2	7
312	P-C Bond Cleavage by Hydroxyl Function during the Addition of Tris(2-pyridyl)phosphine to Cyanopropargylic Alcohols in Water. *Heteroatom Chemistry*, **2015**, 26, 231-235	1.2	3

311	Dual reactivity of secondary phosphines and their chalcogenides towards 1-(vinyloxy)alkylferrocenes: the switch between □and □addition. *Tetrahedron*, **2015**, 71, 1998-2003	2.4	5
310	One-pot reductive N-vinylation and C(4)-phosphorylation of pyridines with alkyl propiolates and secondary phosphine chalcogenides. *Tetrahedron Letters*, **2015**, 56, 4804-4806	2	15
309	Catalyst- and Solvent-Free Rapid Addition of Secondary Phosphine Chalcogenides to Aldehydes: Another Click Chemistry. *Synthesis*, **2015**, 47, 1611-1622	2.9	20
308	Chlorination of secondary phosphine chalcogenides with carbon tetrachloride in the absence of bases. *Russian Journal of General Chemistry*, **2015**, 85, 380-382	0.7	3
307	Expedient Route to Chalcogenophosphinates with Glucose Moieties via Todd-Atherton-Like Coupling between Secondary Phosphine Chalcogenides and Diacetone-d-Glucose in the CCl4/Et3N System. *Heteroatom Chemistry*, **2015**, 26, 329-334	1.2	6
306	Nucleophilic addition to acetylenes in superbasic catalytic systems: XVIII. Vinylation of phenols and naphthols with acetylene. *Russian Journal of Organic Chemistry*, **2015**, 51, 188-194	0.7	7
305	Nanobiocomposite based on selenium and arabinogalactan: Synthesis, structure, and application. *Russian Journal of General Chemistry*, **2015**, 85, 485-487	0.7	11
304	Catalyst- and Solvent-Free Stereoselective Addition of Secondary Phosphine Chalcogenides to Alkynes. *Synthesis*, **2015**, 47, 263-271	2.9	11
303	Synthesis of new N-phosphorylated vinylhydropyridines. *Russian Journal of General Chemistry*, **2015**, 85, 1978-1981	0.7	4
302	Regioselective Addition of Dithiophosphinic Acids to Vinyl Sulfides and Selenides: An Efficient Route Toward Functional Dithiophosphinates. *Heteroatom Chemistry*, **2015**, 26, 72-78	1.2	3
301	First example of direct phosphorylation of vinyl silanes with elemental phosphorus in superbasic media. *Russian Journal of General Chemistry*, **2015**, 85, 2416-2417	0.7	2
300	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
299	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
298	Unexpected N,N□coordination of tris(2-pyridyl)-phosphine chalcogenides to PdCl2. *Mendeleev Communications*, **2015**, 25, 196-198	1.9	12
297	Synthesis and properties of a new family of phosphorus- and nitrogen-containing ionenes. *Doklady Chemistry*, **2015**, 465, 286-290	0.8	4
296	Penta-O-{1-[2-(glycidyloxy)ethoxy]ethyl}-d-glucopyranose: synthesis and application for the preservation of cardiovascular bioprostheses. *Russian Chemical Bulletin*, **2015**, 64, 1451-1457	1.7	1
295	Electrophilic addition of thioselenophosphinic acids to vinyl sulfides and selenides. *Journal of Sulfur Chemistry*, **2015**, 36, 216-226	2.3	4
294	Atom-economic synthesis of highly branched functional □ripod-like□triphosphine sulfides. *Journal of Sulfur Chemistry*, **2015**, 36, 227-233	2.3	1

293	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
292	Reaction of Vinyl Selenides with Secondary Phosphines and Elemental Selenium: One-Pot Selective Synthesis of a New Family of DiselenophosphinicSe-Esters. *Heteroatom Chemistry*, **2014**, 25, 135-139	1.2	7
291	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
290	Dinuclear gold(I) dithio- and diselenophosph(in)ate complexes forming mononuclear gold(III) oxidative addition complexes and reversible chemical reductive elimination products. *Dalton Transactions*, **2014**, 43, 663-70	4.3	12
289	A new convenient synthetic route to metal diselenophosphinates: Synthesis and characterization of [M2(Se2PPh2)4] (M□=□Zn, Cd and Hg) complexes. *Journal of Organometallic Chemistry*, **2014**, 758, 60-64	2.3	6
288	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
287	DFT study and dynamic NMR evidence for cis-trans conformational isomerism in square planar Ni(II) thioselenophosphinate, Ni(SeSPPh2)2. *Journal of Organometallic Chemistry*, **2014**, 768, 151-156	2.3	10
286	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
285	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
284	Reaction of hydroxyflavones with secondary phosphine chalcogenides in the CCl4/Et3N system: synthesis of a new family of phosphorylated flavonoids. *Tetrahedron Letters*, **2014**, 55, 4927-4929	2	6
283	Reaction of Tri(2-pyridyl)phosphine with Electron-Deficient Alkynes in Water: Stereoselective Synthesis of Functionalized Pyridylvinylphosphine Oxides. *European Journal of Organic Chemistry*, **2014**, 2014, 639-643	3.2	6
282	Tuneable superbase-catalyzed vinylation of □-hydroxyalkylferrocenes with alkynes. *Tetrahedron*, **2014**, 70, 5954-5960	2.4	11
281	Synthesis and comparative structural study of tris-chelated Sb(III), Bi(III) and Cr(III) diselenophosphinato complexes. *Polyhedron*, **2014**, 68, 53-59	2.7	8
280	Acetylene phosphorylation with elemental phosphorus in the KOH-DMSO system. *Russian Journal of General Chemistry*, **2014**, 84, 2401-2404	0.7	2
279	Synthesis of Functional Tripodal Phosphines with Amino and Ether Groups by the Hydrophosphination of Trivinyl Ethers with Secondary Phosphines. *Synthesis*, **2014**, 46, 653-659	2.9	7
278	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
277	Reaction of secondary phosphine chalcogenides with diallylamine. *Russian Journal of General Chemistry*, **2014**, 84, 1742-1747	0.7	2
276	Unexpected formation of methylsulfanylmethyl phenyl ether at vinylation of phenol with acetylene in the K2CO3-DMSO system. *Russian Journal of Organic Chemistry*, **2014**, 50, 1199-1200	0.7	4

275	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
274	One-pot atom-economic synthesis of Se-[alkyl(aryl)sulfanylethyl]diselenophosphinates from vinyl sulfides, secondary phosphines and elemental selenium. *Journal of Sulfur Chemistry*, **2013**, 34, 474-479	2.3	3
273	Cross-coupling between secondary phosphine selenides and primary or secondary amines: halogen-free synthesis of phosphinoselenoic amides. *Mendeleev Communications*, **2013**, 23, 253-254	1.9	2
272	Mass spectrometry and quantum chemical studies of the reaction of divinyl telluride with secondary phosphine sulfides: Synthesis of adducts. *Journal of Organometallic Chemistry*, **2013**, 745-746, 126-132	2.3	5
271	Reactions of 2- and 4-pyrones with secondary phosphine chalcogenides: a facile synthesis of functional phosphorylated pyrones. *Tetrahedron Letters*, **2013**, 54, 6772-6775	2	7
270	Synthesis of oxazolidinylphosphine chalcogenides from aminoethyl vinyl ethers. *Russian Chemical Bulletin*, **2013**, 62, 107-110	1.7	0
269	Highly efficient atom economical "green chemistry" synthesis of vinyl sulfides from thiols and acetylene in water. *Russian Chemical Bulletin*, **2013**, 62, 438-440	1.7	12
268	Nucleophilic addition of phosphine to 4-chlorostyrenes in the KOH-DMSO system. *Russian Chemical Bulletin*, **2013**, 62, 2495-2497	1.7	8
267	Radical addition of secondary phosphine chalcogenides to allylamine: Atom-economic synthesis of aminopropylphosphine chalcogenides. *Russian Journal of General Chemistry*, **2013**, 83, 1895-1899	0.7	3
266	Polarity and Conformational Analysis of Secondary Phosphine Selenides. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2013**, 188, 95-99	1	2
265	Cycloaddition of primary phosphines to divinyl sulfide. *Russian Journal of Organic Chemistry*, **2013**, 49, 12-16	0.7	1
264	Alkali Metal Thioselenophosphinates, M[SeSPR2]: One-Pot Multicomponent Synthesis, DFT Study, and Synthetic Application. *European Journal of Inorganic Chemistry*, **2013**, 2013, 415-426	2.3	12
263	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	2.4	6
262	Oxidative cross-coupling between secondary phosphine selenides and thiols or dithiols: a facile regio-selective synthesis of thioselenophosphinic S-esters and S-diesters. *Tetrahedron Letters*, **2013**, 54, 3543-3545	2	8
261	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
260	Chemoselective synthesis of first representatives of bis(diorganothiophosphinyl)selenides, (R2P=S)2Se, from secondary phosphine sulfides and elemental selenium. *Inorganic Chemistry Communication*, **2013**, 30, 124-127	3.1	1
259	Unexpected redox reaction of alkali metal diselenophosphinates with elemental iodine. *Mendeleev Communications*, **2012**, 22, 18-20	1.9	11
258	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

257	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
256	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
255	Synthesis of first representatives of alkaline-earth metal diselenophosphinates. *Russian Chemical Bulletin*, **2012**, 61, 456-458	1.7	
254	Facile Self-Assembly Synthesis and Characterization of Diselenophosphinato Octanuclear CuI Clusters Inscribed in a Twelve-Vertex Selenium Polyhedron. *European Journal of Inorganic Chemistry* , **2012**, 2012, 4921-4929	2.3	26
253	Chemo- and regioselective reaction of vinyl furfuryl ethers with alcohols. *Russian Journal of Organic Chemistry*, **2012**, 48, 1162-1167	0.7	1
252	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
251	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
250	One-pot synthesis of ultra-branched mixed tetradentate tripodal phosphines and phosphine chalcogenides. *Tetrahedron*, **2012**, 68, 9218-9225	2.4	10
249	Synthesis and Structural Characterization of the First Europium(III) Pyridylphosphine Complex, [Eu(N,N[N2-Py3P)(NO3)3]. *Mendeleev Communications*, **2012**, 22, 294-296	1.9	8
248	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
247	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
246	Novel general halogen-free methodology for the synthesis of organophosphorus compounds. *Pure and Applied Chemistry*, **2012**, 84, 439-459	2.1	67
245	Oxidative metal-free cross-coupling of secondary phosphine chalcogenides and benzenediols: Synthesis of phosphinochalcogenoic O-diesters. *Heteroatom Chemistry*, **2012**, 23, 322-328	1.2	9
244	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
243	Synthesis of chalcophosphinic acid amides with pyridine rings*. *Chemistry of Heterocyclic Compounds*, **2012**, 47, 1384-1389	1.4	4
242	Novel quinine, lupinine, and anabasine derivatives containing dithiophosphinate groups. *Chemistry of Heterocyclic Compounds*, **2012**, 48, 448-452	1.4	5
241	Atom-Economic, Metal- and Halogen-Free Synthesis of Podands: Diphosphines and Their Chalcogenides Separated by Alkane Diol Spacers. *Synthesis*, **2012**, 44, 2938-2946	2.9	6
240	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

239	Chemoselective Reactions of Secondary Phosphine Chalcogenides with Vinyloxyalkylamines: Synthesis of a Novel Family of Functional Phosphinothioic Amides. *Synthesis*, **2012**, 44, 2786-2792	2.9	5
238	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
237	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
236	Diselenophosphinates. Synthesis and Applications. *Organic Preparations and Procedures International*, **2011**, 43, 381-449	1.1	17
235	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
234	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
233	Directed synthesis of tertiary phosphine chalcogenides with pyridine and hydroxy functions. *Russian Journal of General Chemistry*, **2011**, 81, 315-321	0.7	6
232	Synthesis of tris(organylthioethyl)phosphines and their derivatives on the basis of the reaction of phosphine with vinyl sulfides. *Russian Journal of General Chemistry*, **2011**, 81, 470-473	0.7	4
231	New synthesis of diselenophosphinates of heavy metals. *Russian Journal of General Chemistry*, **2011** , 81, 1449-1452	0.7	4
230	Reaction of divinyl telluride with secondary phosphine chalcogenides. *Russian Journal of General Chemistry*, **2011**, 81, 2506-2509	0.7	8
229	Nucleophilic addition of phosphine to 1-vinylimidazole. *Russian Journal of General Chemistry*, **2011**, 81, 2522-2524	0.7	2
228	Free-radical addition of phosphine to vinyl ethers: atom-economic synthesis of tris(2-organyloxyethyl)phosphines and their derivatives. *Mendeleev Communications*, **2011**, 21, 17-18	1.9	9
227	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
226	Synthesis and structural characterization of novel zinc(II) and cadmium(II) complexes with pyridine-phosphine chalcogenide ligands. *Journal of Organometallic Chemistry*, **2011**, 696, 2053-2058	2.3	15
225	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
224	A simple one-pot synthesis of phosphinoselenoic amides and diamides from secondary phosphine selenides and amines using Et3N-CCl4. *Tetrahedron Letters*, **2011**, 52, 2367-2369	2	10
223	Oxidative Transition-Metal-Free Cross-Coupling of Secondary Phosphine Chalcogenides and Alcohols or Phenols: A Facile, Expedient Synthesis of Phosphinochalcogenoic O-Esters. *Synthesis*, **2011**, 2011, 3723-3729	2.9	3
222	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

221	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
220	Stereoselective reduction of 1-acyl-2-phenylacetylenes with triphenylphosphine in water: efficient synthesis of E-chalcones. *Arkivoc*, **2011**, 2011, 183-188	0.9	12
219	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
218	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
217	Rapid and Convenient One-Pot Method for the Preparation of Alkali Metal Phosphinodiselenoates. *Synthesis*, **2010**, 2010, 2463-2467	2.9	10
216	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
215	One-Pot Vinylation of Secondary Phosphine Chalcogenides with Vinyl Sulfoxides. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2010**, 185, 1838-1844	1	9
214	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
213	Chlorination of secondary phosphine selenides with the system CCl4/NEt3. *Russian Journal of General Chemistry*, **2010**, 80, 1043-1044	0.7	4
212	Nanocomposites of red phosphorus in the reaction with 4-methoxystyrene. *Russian Journal of General Chemistry*, **2010**, 80, 1380-1382	0.7	
211	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
210	Reaction of divinyl selenide with secondary phosphine chalcogenides. *Russian Journal of General Chemistry*, **2010**, 80, 1602-1608	0.7	7
209	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
208	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
207	Reaction of secondary phosphine oxides with acylacetylenes. *Russian Journal of Organic Chemistry*, **2010**, 46, 485-490	0.7	10
206	Three-component reaction of secondary phosphines with elemental selenium and amines. *Russian Journal of Organic Chemistry*, **2010**, 46, 592-593	0.7	7
205	Nucleophilic addition to acetylenes in superbasic catalytic systems: XVII. Vinyl ethers with furyl and cycloacetal fragments: Synthesis and structure. *Russian Journal of Organic Chemistry*, **2010**, 46, 1383-1387	0.7	5
204	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

203	Radical addition of secondary phosphine sulfides and selenides to vinyl tellurides. *Mendeleev Communications*, **2010**, 20, 346-347	1.9	8
202	Structure and properties of bis{[2-(4-tert-butyl)phen]ethyl}phosphine sulfide. *Journal of Structural Chemistry*, **2010**, 51, 120-125	0.9	2
201	Selective synthesis of hydrazinium diselenophosphinates from secondary phosphines, elementary selenium, and hydrazine. *Russian Chemical Bulletin*, **2010**, 59, 1671-1673	1.7	10
200	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
199	Synthesis of vinylphosphine oxides: vinyl selenides as vinylating agents. *Mendeleev Communications* , **2010**, 20, 20-21	1.9	3
198	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
197	A novel simple synthesis of bis(diorganoselenophosphoryl)selenides (R2PSe)2Se from secondary phosphines and elemental selenium. *Tetrahedron Letters*, **2010**, 51, 2141-2143	2	19
196	Nucleophilic addition to acetylenes in superbasic catalytic systems: XV. Vinylation of 2-hydroxymethylfuran **2010**, 44, 120		
195	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
194	A Simple Atom-Economic Synthesis of Functional Tertiary Phosphine Chalcogenides Bearing Furan or Tetrahydrofuran Rings. *Synthesis*, **2009**, 2009, 3427-3432	2.9	7
193	Facile Synthesis of Hyper-Branched Tetraphosphanes and Tetraphosphane Chalcogenides. *European Journal of Organic Chemistry*, **2009**, 2009, 3427-3431	3.2	10
192	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
191	Elemental phosphorus in strongly basic media as phosphorylating reagent: a dawn of halogen-free □green□organophosphorus chemistry. *Mendeleev Communications*, **2009**, 19, 295-302	1.9	81
190	Highly effective stereoselective synthesis of vinyl ethers of 5-alkyl-2-(2-furyl)-5-hydroxymethyl-1,3-dioxanes. *Chemistry of Heterocyclic Compounds*, **2009**, 45, 1308-1312	1.4	1
189	Nucleophilic diaddition of secondary phosphine sulfides to acetylene and methylacetylene. *Russian Chemical Bulletin*, **2009**, 58, 234-237	1.7	2
188	Nanocomposites of red phosphorus as novel phosphorylating reagents. *Doklady Chemistry*, **2009**, 427, 153-155	0.8	10
187	Reaction of red phosphorus (P n) with alkanethiolate anions. *Doklady Chemistry*, **2009**, 427, 164-167	0.8	5
186	Novel method for the synthesis of diselenophosphinates. *Doklady Chemistry*, **2009**, 428, 225-227	0.8	7

185	Chemo-, regio- and stereospecific addition of amino acids to acylacetylenes: a facile synthesis of new N-acylvinyl derivatives of amino acids. *Tetrahedron*, **2009**, 65, 9814-9818	2.4	23
184	Stereoselective free-radical addition of secondary phosphine selenides to aromatic acetylenes. *Journal of Organometallic Chemistry*, **2009**, 694, 677-682	2.3	20
183	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
182	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
181	Reaction of secondary phosphine chalcogenides with 2,2,2-trichloroacetaldehyde. *Russian Journal of General Chemistry*, **2009**, 79, 2102-2107	0.7	5
180	Microwave activation of the reaction of red phosphorus with alkanethiolate anions. *Russian Journal of General Chemistry*, **2009**, 79, 2453-2455	0.7	8
179	Preconcentration of gold, silver, palladium, platinum, and ruthenium with organophosphorus extractants. *Russian Journal of Applied Chemistry*, **2009**, 82, 183-189	0.8	24
178	Nucleophilic addition to acetylenes in superbasic catalytic systems: XVI. Vinylation of alcohols of the furan series under atmospheric pressure. *Russian Journal of Organic Chemistry*, **2009**, 45, 131-134	0.7	8
177	Influence of intermolecular interactions on the conformation of a 2-[bis(2-ethylphenyl)thiophosphorylhydroxymethyl]-1-ethylbenzimidazole molecule (L) upon complex formation with ZnCl2: Crystal and molecular structures of molecule L. *Russian Journal of Inorganic Chemistry*, **2009**, 54, 906-915	1.5	
176	Vibrations of the S□ bond in elemental sulfur and organic polysulfides: a structural guide. *Journal of Sulfur Chemistry*, **2009**, 30, 518-554	2.3	60
175	Synthesis of novel alkaloid derivatives from vinyl ether of lupinine and PH-addends. *Arkivoc*, **2009**, 2009, 260-267	0.9	11
174	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
173	Chemoselective Synthesis of New Functionalized Tri(pyridinium) Triflates and Tosylates bearing Chalcogenophosphoryl Moieties. *Synthesis*, **2008**, 2008, 3525-3529	2.9	10
172	Radical Addition of Secondary Phosphine Sulfides and Selenides to Vinyl Selenides. *Synthesis*, **2008**, 2008, 2743-2746	2.9	4
171	Chemo- and Regiospecific Monoaddition of Secondary Phosphine Sulfides to 1-Acyl-2-phenylacetylenes. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2008**, 183, 1396-1401	1	13
170	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
169	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	2	25
168	Reaction of imidazole series aldeydes with bis[2-(2-pyridyl)ethyl]-phosphine chalcogenides: Synthesis of polyfunctional heterocyclic systems. *Chemistry of Heterocyclic Compounds*, **2008**, 44, 1359-1364	1.4	6

167	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
166	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
165	Synthesis of metal complexes with 2-[bis(2-phenylethyl)-thiophophorylhydroxymethyl]-1-organilimidazoles. Crystal structure of ZnCl2 □ 2L. *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2008**, 34, 480-492	1.6	4
164	An unexpected reaction pattern of divinyl sulfoxide with potassium O-alkyl carbonodithioates under microwave assistance. *Russian Journal of General Chemistry*, **2008**, 78, 678-679	0.7	
163	Reaction of vinyl sulfoxides with sodium sulfide and polysulfides. *Russian Journal of General Chemistry*, **2008**, 78, 933-938	0.7	2
162	Nucleophilic addition of phosphine to vinyl sulfoxides. *Russian Journal of General Chemistry*, **2008**, 78, 1011-1013	0.7	
161	First example of alkylation of secondary phosphine selenides. *Russian Journal of General Chemistry*, **2008**, 78, 1628-1630	0.7	4
160	Redox reaction of red phosphorus with hydrosulfide anions in DMSO. *Russian Journal of General Chemistry*, **2008**, 78, 1816-1818	0.7	3
159	Triorganylphosphine oxides as high-performance fire retardants for polyvinyl chloride plastisols. *Russian Journal of Applied Chemistry*, **2008**, 81, 304-309	0.8	11
158	Nucleophilic addition to acetylenes in superbasic catalytic systems: XV. Vinylation of 2-hydroxymethylfuran. *Russian Journal of Organic Chemistry*, **2008**, 44, 120-123	0.7	4
157	Chemoselective addition of secondary phosphine oxides to alkyl phenylethynyl ketones. *Russian Journal of Organic Chemistry*, **2008**, 44, 1245-1246	0.7	3
156	Vinylation of hydroxy-containing cyclic formaldehyde acetals with acetylene. *Russian Journal of Organic Chemistry*, **2008**, 44, 1434-1437	0.7	2
155	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	
154	Direct vinylation of glucose derivatives with acetylene. *Tetrahedron*, **2007**, 63, 11661-11665	2.4	11
153	Free-radical addition of phosphine sulfides to aryl and hetaryl acetylenes: unprecedented stereoselectivity. *Mendeleev Communications*, **2007**, 17, 181-182	1.9	13
152	Nucleophilic addition of secondary phosphine chalcogenides to, □acetylenic □hydroxy acid nitriles and a rearrangement of the adducts. *Mendeleev Communications*, **2007**, 17, 325-326	1.9	7
151	Microwave activation of base-catalyzed reactions of divinyl sulfoxide with water. *Doklady Chemistry* , **2007**, 412, 5-6	0.8	2
150	Chemoselective noncatalytic addition of secondary phosphine chalcogenides to citral. *Russian Journal of General Chemistry*, **2007**, 77, 409-414	0.7	5

149	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
148	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
147	Base Catalyzed Double Addition of Secondary Phosphine Chalcogenides to Benzoylacetylene. *Letters in Organic Chemistry*, **2007**, 4, 109-111	0.6	13
146	Radical Addition of Secondary Phosphine Selenides to Alkenes. *Synthesis*, **2007**, 2007, 2849-2852	2.9	3
145	Acetylene: new prospects of classical reactions. *Russian Chemical Reviews*, **2007**, 76, 507-527	6.8	54
144	Non-Catalyzed, Atom-Economic, High-Yield Synthesis of Tertiary Hydroxyphosphane Selenides. *Synthesis*, **2006**, 2006, 4159-4162	2.9	2
143	Noncatalytic hydrophosphorylation and hydrothiophosphorylation of hydroxyaldehydes. *Russian Journal of General Chemistry*, **2006**, 76, 98-102	0.7	2
142	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
141	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
140	Nucleophilic addition of secondary phosphine sulfides to divinyl sulfoxide and divinyl sulfone. *Russian Journal of General Chemistry*, **2006**, 76, 1201-1204	0.7	3
139	Free-radical addition of secondary phosphine sulfides to vinyl sulfides. *Russian Journal of General Chemistry*, **2006**, 76, 1514-1515	0.7	5
138	Superbase-catalysed addition of methanol to propyne and allene: an expedient synthesis of 2-methoxypropene. *Mendeleev Communications*, **2006**, 16, 13-14	1.9	4
137	Thiol elimination from tris[2-(phenylthio)ethyl]phosphine oxide: a convenient route to trivinylphosphine oxide. *Mendeleev Communications*, **2006**, 16, 31	1.9	3
136	Microwave induced synthesis of diphenylthiophenes from elemental sulfur and styrene. *Chemistry of Heterocyclic Compounds*, **2006**, 42, 1486-1487	1.4	4
135	Competitive Deprotonation in Vicinal O=SCH2CH2P=O Moieties. *Letters in Organic Chemistry*, **2006**, 3, 720-722	0.6	2
134	Nucleophilic and free-radical additions of phosphines and phosphine chalcogenides to alkenes and alkynes. *Arkivoc*, **2006**, 2006, 12-36	0.9	66
133	Effect of microwave irradiation on the reaction of elemental sulfur with Phenylacetylene. *Doklady Chemistry*, **2005**, 400, 3-6	0.8	1
132	Unexpected double addition of secondary phosphine chalcogenides to 3-phenyl-2-propynenitrile. *Mendeleev Communications*, **2005**, 15, 183-184	1.9	11

131	Synthesis and structure of bis(2-phenylethyl) phosphine selenide. *Journal of Structural Chemistry*, **2005**, 46, 1066-1071	0.9	27
130	Formation and Properties of Hydrogenation Catalysts Based on Palladium Complexes with Primary Phosphines. *Kinetics and Catalysis*, **2005**, 46, 572-577	1.5	2
129	Atom-Economic Synthesis of New Imidazoles and Benzimidazoles with Thiophosphoryl and Hydroxyl Groups. *Chemistry of Heterocyclic Compounds*, **2005**, 41, 317-322	1.4	2
128	Activation of white phosphorus in the coordination sphere of nickel complexes with □donor ligands. *Russian Chemical Bulletin*, **2005**, 54, 942-947	1.7	15
127	Competitive Coordination of 2-[(Diorganylphosphinoyl)-hydroxymethyl)]-1-organylimidazoles with Metal Chlorides. *Russian Journal of General Chemistry*, **2005**, 75, 200-206	0.7	1
126	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	
125	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
124	Divinyl Sulfoxide: XI. Selective Addition of Carbonodithioate Anions to Divinyl Sulfoxide in the Water-Benzene System. *Russian Journal of General Chemistry*, **2005**, 75, 1247-1250	0.7	2
123	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
122	First Example of Microwave Activation of Elementary Phosphorus in the Reaction with 2-Vinylpyridine. *Russian Journal of General Chemistry*, **2005**, 75, 1844-1845	0.7	5
121	Atom-Economic, Solvent-Free, High Yield Synthesis of 2-(Pyrrol-1-yl)propyldiorganylphosphines. *Synthesis*, **2005**, 2005, 965-970	2.9	4
120	Hydrothiophosphorylation of Vinyl Sulfoxides: First Examples. *Synthesis*, **2005**, 2005, 3103-3106	2.9	12
119	Atom-Economic Synthesis of Tris[2-(organylthio)ethyl]phosphine Oxides from Phosphine and Vinyl Sulfides. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2005**, 180, 1749-1754	1	9
118	Homolytic Adamantylation of 2- and 4-Alkylsulfonylpyridines. *Doklady Chemistry*, **2005**, 400, 3-6	0.8	
117	REACTION OF (ORGANYLTHIO)CHLOROACETYLENES WITH ALIPHATIC 1,2-DITHIOLS: A ROUTE TO FUNCTIONALIZED 1,3-DITHIOLANES. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2004**, 179, 1355-1360	1	3
116	Atom-economic synthesis of tertiary 2-alkoxyethylphosphine sulfides. *Mendeleev Communications*, **2004**, 14, 216-217	1.9	8
115	Phosphorylation of Furfural by Secondary Phosphine Oxides. *Chemistry of Heterocyclic Compounds*, **2004**, 40, 426-429	1.4	2
114	First Organophosphorus Nonlinear-Optical Media. *Doklady Chemistry*, **2004**, 394, 34-35	0.8	

113	Synthesis of 1,2-Bis(2-phenylethenylsulfanyl)-1-phenylethene from Phenylacetylene and Sodium Disulfide. *Russian Journal of General Chemistry*, **2004**, 74, 470-471	0.7	2
112	Hydrogen Bonds in 2-(Diorganylphosphorylhydroxymethyl)-1-organylimidazoles. *Russian Journal of General Chemistry*, **2004**, 74, 540-544	0.7	2
111	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
110	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
109	Reaction of Activated Red Phosphorus with Allyl Bromide under Phase-Transfer Catalysis. *Russian Journal of General Chemistry*, **2004**, 74, 1128-1129	0.7	2
108	Synthesis of Tertiary Bisphosphine Oxides from Methylacetylene and Secondary Phosphine Oxides. *Russian Journal of Organic Chemistry*, **2004**, 40, 129-130	0.7	3
107	Effect of microwave irradiation on the reaction of elemental sulfur with Phenylacetylene. *Doklady Chemistry*, **2004**, 399, 240-241	0.8	6
106	First example of hydro-thiophosphorylation of 3-thiolene 1,1-dioxide. *Chemistry of Heterocyclic Compounds*, **2004**, 40, 1370-1372	1.4	1
105	Chemo-, regio-, and stereoselective addition of secondary phosphine sulfides to □unsaturated aldehydes. *Russian Journal of General Chemistry*, **2004**, 74, 1625-1626	0.7	2
104	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
103	CHEMO- AND STEREOSELECTIVE ADDITION OF DIORGANYLPHOSPHINE OXIDES TO □ETHYLENIC ALDEHYDES. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2004**, 179, 7-18	1	16
102	An expedient synthesis of methyl vinyl sulfide from dimethyl disulfide and acetylene. *Journal of Sulfur Chemistry*, **2004**, 25, 395-399	2.3	3
101	Addition of secondary phosphines to divinyl sulfide. *Sulfur Letters*, **2003**, 26, 63-66		3
100	4-Phenyl-2-[(Z)-phenylmethylidene]-1,3-dithiole from Elemental Sulfur and Phenylacetylene. *Chemistry of Heterocyclic Compounds*, **2003**, 39, 128-129	1.4	4
99	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
98	Controlled defect formation in elemental phosphorus as method for its chemical activation. *Russian Chemical Bulletin*, **2003**, 52, 1239-1252	1.7	6
97	Functional Acetal Methacrylates: IV. Electrophophilic Addition of Triazoles to Vinyloxyalkyl Methacrylates. *Russian Journal of Organic Chemistry*, **2003**, 39, 585-588	0.7	2
96	Organylthiochloroacetylenes: VI. Reaction of Alkylthiochloroacetylenes with Sodium Azide. *Russian Journal of General Chemistry*, **2003**, 73, 782-785	0.7	8

95	Tertiary Phosphine Oxides in Reaction with Benzaldehyde. *Russian Journal of General Chemistry*, **2003**, 73, 877-879	0.7	5
94	(Organylthio)chloroacetylenes: VII. Hydrochlorination of (Alkylthio)chloroacetylenes. *Russian Journal of General Chemistry*, **2003**, 73, 1246-1248	0.7	
93	Reaction of Secondary Phosphine Oxides with Aromatic Aldehydes. *Russian Journal of General Chemistry*, **2003**, 73, 1354-1357	0.7	9
92	Synthesis of 1,2-Divinyloxypropenes from Glycerol and Acetylene in the Superbasic System CsF-NaOH-DMSO. *Russian Journal of Organic Chemistry*, **2003**, 39, 1356-1357	0.7	1
91	Controlled Defect Formation in Elemental Phosphorus as Method for Its Chemical Activation. *ChemInform*, **2003**, 34, no		1
90	Addition of secondary phosphines to N-vinylpyrroles. *Tetrahedron Letters*, **2003**, 44, 2629-2632	2	17
89	Regio- and stereospecific addition of phosphines to cyanoacetylenes. *Tetrahedron*, **2003**, 59, 4789-4794	2.4	10
88	Phosphorylation of Allyl Halides with White Phosphorus. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2003**, 178, 425-429	1	8
87	Electrophilic and Nucleophilic Addition of Alkanethiols to 2-Vinyloxyethylmethacrylate. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2003**, 178, 2087-2093	1	4
86	Regioselective addition of secondary phosphine oxides to 3-(trialkylsilyl)- and 3-(trialkylgermyl)-2-propynals. *Journal of Organometallic Chemistry*, **2002**, 659, 172-175	2.3	18
85	Sulfur-rich copolymers of sulfur with 5-vinylbicyclo[2.2.1]hept-2-ene and tricyclo[5.2.1.0 2.6]deca-3,8-diene as prospective cathode materials for lithium cells. *Sulfur Letters*, **2002**, 25, 219-227		10
84	Effect of X-ray Irradiation on the Reactivity of Red Phosphorus in the Synthesis of Organophosphorus Compounds. *Doklady Chemistry*, **2002**, 382, 19-20	0.8	1
83	Synthesis and Properties of 2-(Diorganylphosphorylhydroxymethyl)-1-organylimidazoles. *Chemistry of Heterocyclic Compounds*, **2002**, 38, 65-70	1.4	4
82	Organylthiochloroacetylenes: V. Dimerization of Alkylthiochloroacetylenes in the Presence of Sodium Sulfite. *Russian Journal of General Chemistry*, **2002**, 72, 418-425	0.7	
81	Reactions of Elemental Phosphorus and Phosphine with Electrophiles in Superbasic Systems: XIV.1 Phosphorylation of 2-Vinylnaphthalene with Elemental Phosphorus and Phosphines in the KOH-DMSO System. *Russian Journal of General Chemistry*, **2002**, 72, 371-375	0.7	12
80	An Unexpected Redox Reaction between Tris(Z-phenylethenyl)phosphine and 4-Hydroxy-4-methyl-2-pentynonitrile. *Russian Journal of General Chemistry*, **2002**, 72, 1141-1141	0.7	3
79	Functional Acetal Methacrylates: III. Electrophilic Addition of Diols to 2-(Vinyloxy)ethyl Methacrylate. *Russian Journal of Organic Chemistry*, **2002**, 38, 1082-1087	0.7	4
78	Non-catalytic Addition of 1,2,4-Triazole to Nucleophilic and Electrophilic Alkenes. *Chemistry of Heterocyclic Compounds*, **2002**, 38, 981-985	1.4	13

77	Facile Exchange of Phosphoryl Oxygen by Sulfur and Selenium in Teriary Phosphine Oxides. *Russian Journal of General Chemistry*, **2002**, 72, 1650-1651	0.7	2
76	Hydrophosphination of Vinyl Sulfides and Vinyl Selenides: First Examples. *Synthesis*, **2002**, 2002, 2207-2210	1.9	3
75	Cu-Catalyzed Oxidative Phosphorylation of Alkanols with White Phosphorus and H 2 O 2. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2002**, 177, 2385-2390	1	5
74	Reaction of Phenylacetylene with Primary Phosphines as a Convenient Way to Nonsymmetric Tertiary Phosophines and Their Derivatives. *Russian Journal of General Chemistry*, **2001**, 71, 1907-1911	0.7	6
73	Reaction of alkylthiochloroacetylenes with sodium azide. *Russian Chemical Bulletin*, **2001**, 50, 751-752	1.7	5
72	Reaction of Vinylpyridines with Active Modifications of Elemental Phosphorus in KOH/DMSO. *Chemistry of Heterocyclic Compounds*, **2001**, 37, 576-580	1.4	6
71	Reactions of Elemental Phosphorus and Phosphines with Electrophiles in Superbasic Systems: XIII. Phosphorylation of Phenylacetylene with Active Modifications of Elemental Phosphorus. *Russian Journal of General Chemistry*, **2001**, 71, 721-723	0.7	8
70	Reaction of Activated Red Phosphorus with Phenylacetylene in the KOH-HMPA System. *Russian Journal of General Chemistry*, **2001**, 71, 643-643	0.7	1
69	Reactions of Elemental Phosphorus and Phosphines with Electrophiles in Superbasic Systems: XII. Synthesis of Unsymmetrical Tertiary Phosphine Oxides from Red Phosphorus and Organyl Halides. *Russian Journal of General Chemistry*, **2001**, 71, 718-720	0.7	
68	Reactions of Elemental Phosphorus and Phosphine with Electrophiles in Superbasic Media: XI.1 Phosphorylation of 4-Methoxybenzyl Chloride with Elemental Phosphorus and Phosphine. *Russian Journal of General Chemistry*, **2001**, 71, 58-60	0.7	3
67	Functional Methacryloyoxy Acetals: II. Electophilic Addition of Alcohols to Vinyloxyalkyl Methacrylates. *Russian Journal of Organic Chemistry*, **2001**, 37, 1683-1687	0.7	3
66	Organylthiochloroacetylenes: IV. Reaction with Thiourea. *Russian Journal of General Chemistry*, **2001**, 71, 1721-1725	0.7	5
65	Reaction of Tribenzylphosphine Oxide with Aldehydes. *Russian Journal of Organic Chemistry*, **2001**, 37, 1726-1730	0.7	2
64	Organylthiochloroacetylenes: III. Nucleophilic Addition of Di(2-phenylethyl)phosphine Oxide to Alkylthiochloroacetylenes: Configuration and Conformation of Adducts. *Russian Journal of General Chemistry*, **2001**, 71, 1717-1720	0.7	5
63	TRIS[(5-CHLORO-2-THIENYL)METHYL] PHOSPHINE OXIDE FROM ELEMENTAL PHOSPHORUS AND 2-CHLORO-5-(CHLOROMETHYL) THIOPHENE. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2001**, 175, 163-167	1	12
62	Reactions of alkali metal acetylides with red phosphorus. *Mendeleev Communications*, **2000**, 10, 66	1.9	3
61	Reaction of (alkylthio)chloroacetylenes with thiourea. *Russian Chemical Bulletin*, **2000**, 49, 1319-1319	1.7	2
60	One-step synthesis of unsymmetrical tertiary phosphine oxides from red phosphorus and organyl halides. *Russian Chemical Bulletin*, **2000**, 49, 1320-1320	1.7	1

59	Reaction of 1-alkyl-2-formylimidazole with tribenzylphosphine oxide: An example of the synthesis of heterocyclic analogs of stilbene. *Chemistry of Heterocyclic Compounds*, **2000**, 36, 221-222	1.4	2
58	Dimerization of (Alkylthio)Chloroacetylenes Initiated By Sodium Sulfite. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2000**, 165, 191-195	1	1
57	A Convenient Synthesis of Primary 2-Hydroxyorganophosphines from Red Phosphorus and Oxiranes. *Synthesis*, **2000**, 2000, 65-66	2.9	6
56	REARRANGEMENT IN THE ACETYLENIC NUCLEOPHILIC SUBSTITUTION WITH THE O-ALKYL CARBONODITHIOATE ANIONS. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2000**, 158, 81-89	1	3
55	Phosphine in the synthesis of organophosphorus compounds. *Russian Chemical Reviews*, **1999**, 68, 215-227	1.8	63
54	Addition of secondary phosphines to phenylcyanoacetylene as a route to functional phosphines. *Mendeleev Communications*, **1999**, 9, 163-164	1.9	11
53	Synthesis of organic phosphines and phosphine oxides from elemental phosphorus and phosphine in the presence of strong bases. *Russian Chemical Bulletin*, **1998**, 47, 1645-1652	1.7	16
52	Reaction of 3-thiolene 1,1-dioxide with PH-acids. *Chemistry of Heterocyclic Compounds*, **1998**, 34, 1023-1026	1.4	1
51	A CONVENIENT SYNTHESIS OF TERTIARY PHOSPHINES FROM RED PHOSPHORUS AND ARYL- OR HETEROARYLETHENES. *Phosphorus, Sulfur and Silicon and the Related Elements*, **1997**, 126, 125-128	1	9
50	A new method for the synthesis of diorganylvinylphosphine oxides. *Russian Chemical Bulletin*, **1997**, 46, 1799-1801	1.7	3
49	A new method for the synthesis of ▯acetylenic phosphines. *Russian Chemical Bulletin*, **1997**, 46, 849-850	1.7	8
48	Synthesis and antibacterial activity of tris{2-[4-(1-benzylpyridinio)]ethyl}-phosphinoxide trichloride. *Pharmaceutical Chemistry Journal*, **1996**, 30, 463-464	0.9	2
47	Generation of Phosphide Anions from Phosphorus Red and Phosphine in Strongly Basic Systems to Form Organylphosphines and -Oxides. *Phosphorus, Sulfur and Silicon and the Related Elements*, **1996**, 109, 601-604	1	5
46	t-Butyl Alcohol-Assisted Fission of the P-P Bonds in Red Phosphorus with Lithium in Liquid Ammonia. *Phosphorus, Sulfur and Silicon and the Related Elements*, **1996**, 111, 175-175	1	6
45	Reaction of Red Phosphorus and Phosphine with Aryl(Hetaryl)Ethenes and -Ethynes. *Phosphorus, Sulfur and Silicon and the Related Elements*, **1996**, 111, 174-174	1	5
44	Reaction of Phosphorus Red with ▯Dihaloalkanes under Phase-Transfer Conditions. *Phosphorus, Sulfur and Silicon and the Related Elements*, **1996**, 111, 173-173	1	
43	Synthesis of primary phosphines from phosphine and arylethylenes. *Russian Chemical Bulletin*, **1995**, 44, 1535-1535	1.7	0
42	Cleavage of PP Bonds in Phosphorus. An Efficient Method for the Preparation of Primary Alkylphosphines. *Mendeleev Communications*, **1995**, 5, 14-15	1.9	18

41	Base-Catalyzed Addition of Phosphine to Aryl- and Hetarylethynes. An Efficient Method for the Preparation of 2-Substituted Trivinylphosphines. *Synthesis*, **1995**, 1995, 387-388	2.9	9
40	Efficient One-Pot Procedures for the Preparation of Secondary Phosphines. *Synthetic Communications*, **1994**, 24, 3219-3223	1.7	11
39	Nucleophilic addition of phosphine to aryl- and hetarylethenes a convenient synthesis of bis(2-arylalkyl)- and bis(2-hetaralkyl)phosphines. *Tetrahedron Letters*, **1994**, 35, 7647-7650	2	82
38	A novel method for synthesizing diorganylphosphinous acids from red phosphorus and arylalkenes. *Russian Chemical Bulletin*, **1994**, 43, 1591-1592	1.7	1
37	Synthesis of tris[(organylpyridino)ethyl]-phosphoryl halides and their anti-bacterial activity. *Pharmaceutical Chemistry Journal*, **1994**, 28, 654-656	0.9	1
36	Photoelectron spectra of vinyl tellurides. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1991**, 40, 831-834		
35	Vinylmethylsulfoxide in the Pummerer reaction. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1991**, 40, 1919-1919		1
34	Vinyl Tellurides: Synthesis and Properties. *Sulfur Reports*, **1991**, 11, 1-50		21
33	Elemental phosphorus–strong base as a system for the synthesis of organophosphorus compounds. *Russian Chemical Reviews*, **1991**, 60, 1360-1367	6.8	45
32	SUPERBASE-INDUCED GENERATION OF PHOSPHIDE AND PHOSPHINITE IONS AS APPLIED IN ORGANIC SYNTHESIS. *Phosphorus, Sulfur and Silicon and the Related Elements*, **1991**, 55, 271-274	1	15
31	Synthesis of tris(2,2-dialkoxyethyl)phosphine oxides from red phosphorus and 1,1-dialkoxy-2-bromoethanes in superbase systems. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1990**, 39, 2606-2607		1
30	Reaction of Red Phosphorus with Electrophilic Reagents in Superbasic Systems. *Phosphorus, Sulfur and Silicon and the Related Elements*, **1990**, 51, 243-243	1	
29	Divinyl Sulfoxide: Synthesis, Properties, and Applications. *Sulfur Reports*, **1989**, 9, 95-141		13
28	Reaction of red phosphorus with benzyl halides in a superbase system. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1989**, 38, 430-430		1
27	Tris(2-phenylethyl)phosphine oxide from red phosphorus and styrene. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1989**, 38, 1569-1569		1
26	Synthesis of tristyrylphosphine from red phosphorus and phenylacetylene in a superbase system. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1988**, 37, 1284-1284		4
25	Rotational isomerism of vinylmethyltelluride. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1987**, 36, 292-296		
24	Synthesis and biological activity of n-substituted 1,4-perhydrothiazin-1-oxides. *Pharmaceutical Chemistry Journal*, **1987**, 21, 22-25	0.9	

23	Synthesis of monosubstituted divinyl sulfides. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1986**, 35, 639-641		1
22	Features of the electronic structure of molecules of vinyl sulfoxides and properties of their complexes with iodine and tetracyanoethylene. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1986**, 35, 1811-1816		0
21	Vibrational spectrum of methyl vinyl telluride. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1986**, 35, 2552-2554		
20	Divinyl sulfoxide Communication 7. Nucleophilic addition of triorganylsilylalkanethiols and trialkylsilylalkanols to divinyl sulfoxide. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1985**, 34, 813-816		
19	Calculation of the vibrational spectra of methyl vinyl sulfide and its deuterated derivatives. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1985**, 34, 1629-1633		
18	Ultraviolet absorption spectra of vinyl sulfides and selenides. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1985**, 34, 109-114		
17	Synthesis and biological activity of organylthioselenides. *Pharmaceutical Chemistry Journal*, **1984**, 18, 11-13	0.9	2
16	Formation of cis-1-vinylthio-1-buten-3-ol and cis, cis-di(3-hydroxy-1-butenyl) sulfide from elemental sulfur and acetylene. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1983**, 32, 205-207		1
15	Thermal transformations of divinyl sulfone in the gas phase. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1983**, 32, 844-846		3
14	Formation of thiophene by pyrolysis of divinyl sulfoxide. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1982**, 31, 174-175		1
13	Study of conjugation effects by means of NMR spectroscopy. 13. NMR spectra of divinyl chalcogenides. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1981**, 30, 2073-2077		1
12	Divinyl sulfoxide II. Vinylation and vinylsulfinylation of triorganylsilylalkanethiols by divinyl sulfoxide. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1981**, 30, 864-867		
11	NMR-spectroscopic study of conjugation effects. 9.13C NMR spectra of alkyl vinyl sulfoxides and sulfones. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1980**, 29, 715-719		2
10	UV absorption spectra of the sulfoxides. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1978**, 27, 901-904		2
9	Unusual reaction of trialkylsilylalkanethiols with divinyl sulfoxide. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1978**, 27, 1478-1478		
8	IR spectral and dipole moment studies of the conformational isomerism of vinyl sulfides. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1977**, 26, 302-306		1
7	Conjugation of divalent sulfur with multiple bonds. *Journal of Applied Spectroscopy*, **1977**, 27, 1436-1440	0.7	
6	Oxidation of dialkyl sulfides with dimethyl sulfoxide. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1976**, 25, 1536-1537		

5	Ultraviolet absorption spectra of vinyl sulfides. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1975**, 24, 388-389	
4	NMR-13C spectra and effects of conjugation in alkoxy- and alkylthioethylenes. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1975**, 24, 501-505	4
3	Reaction of acetylene with organic disulfides. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1972**, 21, 1047-1051	0
2	New variation of the alkaline cleavage of dialkyl disulfides. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1971**, 20, 2176-2178	
1	Stereochemistry of the vinylation of thiols. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1971**, 20, 1835-1836	