

Vladimir A Potapov

List of Publications by Year in descending order

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105
papers

1,487
citations

331670

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113
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113
docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Selenium Dihalides Click Chemistry: Highly Efficient Stereoselective Addition to Alkynes and Evaluation of Glutathione Peroxidase-Like Activity of Bis(E-2-halovinyl) Selenides. <i>Molecules</i> , 2022, 27, 1050.	3.8	5
2	Synthesis of 2,6-Dibromo-9-selenabicyclo[3.3.1]nonane-Based Pyridinium Salts Containing Acetal Groups. <i>Russian Journal of Organic Chemistry</i> , 2022, 58, 628-632.	0.8	0
3	Regio- and Stereoselective Synthesis of (Z,Z)-Bis(3-amino-3-oxo-1-propenyl) Selenides and Diselenides Based on 2-propynamides: A Novel Family of Diselenides with High Glutathione Peroxidase-like Activity. <i>Inorganics</i> , 2022, 10, 74.	2.7	3
4	2-Bromomethyl-1,3-thiaselenole in click chemistry: Synthesis of 1-(2,3-dihydro-1,4-thiaselenin-2-yl)-1H-1,2,3-triazoles via copper-catalyzed and thermal 1,3-dipolar cycloaddition with alkynes. <i>Journal of Organometallic Chemistry</i> , 2022, 977, 122442.	1.8	3
5	Efficient Regioselective Synthesis of Novel Water-Soluble 2H,3H-[1,4]thiazino[2,3,4-ij]quinolin-4-ium Derivatives by Annulation Reactions of 8-quinolinesulfonyl Halides. <i>Molecules</i> , 2021, 26, 1116.	3.8	3
6	Synthesis of new polycyclic compounds via the reaction of quinoline-8-sulfonyl halides with cyclic alkenes. <i>Chemistry of Heterocyclic Compounds</i> , 2021, 57, 314-319.	1.2	3
7	Efficient Synthesis of 2-[(Alkyltellanyl)methyl]-2,3-dihydro-1-benzofurans from Tellurium Tetrahalides and 2-Allylphenols. <i>Russian Journal of Organic Chemistry</i> , 2021, 57, 545-550.	0.8	0
8	One-Pot Synthesis of Functionalized 1,1â€²-(9-Selenabicyclo[3.3.1]nonane-2,6-diyl)dipyridinium Dibromides. <i>Russian Journal of Organic Chemistry</i> , 2021, 57, 668-670.	0.8	1
9	One-Pot Syntheses of Functionalized Dihydrobenzoselenophenes and Selenochromans from Acetyl Eugenol and Selenium Dibromide. Rearrangement of 2-(Bromomethyl)-2,3-dihydro-1-benzoselenophene to Selenochromans. <i>Russian Journal of Organic Chemistry</i> , 2021, 57, 558-564.	0.8	0
10	Efficient Synthesis of a New Family of 2,6-Disulfanyl-9-Selenabicyclo[3.3.1]Nonanes. <i>Molecules</i> , 2021, 26, 2849.	3.8	4
11	A Regioselective Synthesis of Novel Functionalized Organochalcogen Compounds by Chalcogenocyclofunctionalization Reactions Based on Chalcogen Halides and Natural Products. <i>Molecules</i> , 2021, 26, 3729.	3.8	4
12	Efficient Regioselective Synthesis of Novel Condensed Sulfurâ€“Nitrogen Heterocyclic Compounds Based on Annulation Reactions of 2-Quinolinesulfonyl Halides with Alkenes and Cycloalkenes. <i>Molecules</i> , 2021, 26, 4844.	3.8	1
13	New Water-Soluble Condensed Heterocyclic Compounds with Antimicrobial Activity Based on Annulation Reactions of 8-Quinolinesulfonyl Halides with Natural Products and Alkenes. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8532.	2.5	2
14	A Novel Family of [1,4]Thiazino[2,3,4-ij]quinolin-4-ium Derivatives: Regioselective Synthesis Based on Unsaturated Heteroatom and Heterocyclic Compounds and Antibacterial Activity. <i>Molecules</i> , 2021, 26, 5579.	3.8	2
15	Quantum Chemical and Experimental Studies of an Unprecedented Reaction Pathway of Nucleophilic Substitution of 2-Bromomethyl-1,3-thiaselenole with 1,3-Benzothiazole-2-thiol Proceeding Stepwise at Three Different Centers of Seleniranium Intermediates. <i>Molecules</i> , 2021, 26, 6685.	3.8	9
16	Regio- and stereoselective synthesis of (Z)-(2,3-dihydro-1,4-thiaselenin-2-yl) vinyl sulfides from 2-bromomethyl-1,3-thiaselenole under phase-transfer catalysis conditions. <i>Chemistry of Heterocyclic Compounds</i> , 2020, 56, 1237-1240.	1.2	0
17	(Z,Z)-Selenediylbis(2-propenamides): Novel Class of Organoselenium Compounds with High Glutathione Peroxidase-Like Activity. Regio- and Stereoselective Reaction of Sodium Selenide with 3-Trimethylsilyl-2-propynamides. <i>Molecules</i> , 2020, 25, 5940.	3.8	7
18	Different regiochemical outcomes in annulation reactions of pyridine-2-sulfonyl chloride with phenyl vinyl chalcogenides and allyl phenyl chalcogenides. <i>Chemistry of Heterocyclic Compounds</i> , 2020, 56, 1226-1229.	1.2	1

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19	Synthesis of novel (2,3-dihydro-1,4-thiaselenin-2-yl)sulfanyl-substituted pharmacophoric nitrogen heterocycles based on 2-(bromomethyl)-1,3-thiaselenole. <i>Chemistry of Heterocyclic Compounds</i> , 2020, 56, 226-232.	1.2	3
20	Natural Compounds and Their Structural Analogs in Regio- and Stereoselective Synthesis of New Families of Water-Soluble 2H,3H-[1,3]thia- and -Selenazolo[3,2-a]pyridin-4-ium Heterocycles by Annulation Reactions. <i>Molecules</i> , 2020, 25, 376.	3.8	18
21	Remarkable Alkene-to-Alkene and Alkene-to-Alkyne Transfer Reactions of Selenium Dibromide and PhSeBr. Stereoselective Addition of Selenium Dihalides to Cycloalkenes. <i>Molecules</i> , 2020, 25, 194.	3.8	10
22	Regio- and stereoselective synthesis of new ensembles of diversely functionalized 1,3-thiaselenol-2-ylmethyl selenides by a double rearrangement reaction. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 515-523.	2.2	14
23	Synthesis of Functional Dihydro-1,4-benzoxaselenines from Carvacrol Allyl Ether and Selenium Dihalides. <i>Russian Journal of Organic Chemistry</i> , 2020, 56, 2258-2262.	0.8	1
24	Two types of products in the reactions of 2-pyridinesulfonyl halides with cycloalkenes and cycloalkadienes: synthesis of novel [1,3]thiazolo[3,2-a]pyridinium derivatives. <i>Chemistry of Heterocyclic Compounds</i> , 2020, 56, 1586-1591.	1.2	1
25	Synthesis of Functionalized Diorganyl Selenides from Selenium Dihalides and Allylic Aromatic Compounds. <i>Russian Journal of Organic Chemistry</i> , 2019, 55, 1153-1159.	0.8	5
26	Regio- and Stereoselective Synthesis of (E)-2-Bromo-1-(phenoxymethyl)vinyltellanes. <i>Russian Journal of General Chemistry</i> , 2019, 89, 1931-1933.	0.8	2
27	Regio- and Stereoselective Synthesis of a Novel Family of Unsaturated Compounds with the Se Bond and Their Cyclization to 2,3-Dihydro-1,4-thiaselenines. <i>Synthesis</i> , 2019, 51, 1832-1840.	2.3	12
28	New methodology of nucleophilic substitution at three different centers of a seleniranium intermediate in reactions of 2-bromomethyl-1,3-thiaselenole with mercapto benzazoles. <i>New Journal of Chemistry</i> , 2019, 43, 11189-11199.	2.8	12
29	Regio- and Stereoselective Addition of Selenium Dichloride to Alkyl Propiolates. <i>Russian Journal of Organic Chemistry</i> , 2019, 55, 1809-1811.	0.8	3
30	A novel methodology for the synthesis of condensed selenium heterocycles based on the annulation and annulation-methoxylation reactions of selenium dihalides. <i>New Journal of Chemistry</i> , 2019, 43, 18476-18483.	2.8	21
31	Alkoxytelluration of Styrene with Tellurium Tetrahalides. <i>Russian Journal of General Chemistry</i> , 2019, 89, 2154-2158.	0.8	0
32	Effect of Synthetic Organoselenium Drug on the Degree of Pathological Changes in the Organs of White Mice Immunized with Tularemia and Brucellosis Vaccines. <i>Bulletin of Experimental Biology and Medicine</i> , 2019, 168, 66-68.	0.8	16
33	Regio- and stereoselective reaction of sodium benzeneselenolate with 3-(trimethylsilyl)prop-2-ynamides. <i>Russian Chemical Bulletin</i> , 2019, 68, 2134-2136.	1.5	4
34	Synthesis of a novel family of water-soluble 2H,3H-[1,3]thia- and -selenazolo[3,2-a]pyridin-4-ium heterocycles by annulation reactions. <i>Tetrahedron Letters</i> , 2019, 60, 475-479.	1.4	22
35	Stereoselective synthesis of E-2-halovinyl tellanes, ditellanes and selenides based on tellurium tetrahalides, selenium dihalides and internal alkynes. <i>Journal of Organometallic Chemistry</i> , 2018, 867, 300-305.	1.8	16
36	Cascade regio- and stereoselective reactions of 2-bromomethyl-1,3-thiaselenole with water and ethylene glycol: En route to the first representatives of polyfunctional 2,3-dihydro-1,4-thiaselenines. <i>Journal of Organometallic Chemistry</i> , 2018, 867, 398-403.	1.8	12

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37	Ethoxytellation of Terminal Alkenes with Tellurium Tetrahalides. Russian Journal of Organic Chemistry, 2018, 54, 1290-1293.	0.8	2
38	Regioselective Reaction of Pyridine-2-Sulfonyl Chloride with Isoeugenol. Russian Journal of Organic Chemistry, 2018, 54, 1262-1264.	0.8	7
39	Synthesis of 2,3-Dihydro-1-benzofuran-2-ylmethyltellanes. Russian Journal of General Chemistry, 2018, 88, 1751-1753.	0.8	1
40	Synthesis of Fused Compounds on the Basis of Chalcogen Chlorides and 2-Allylphenols. Russian Journal of Organic Chemistry, 2018, 54, 1035-1040.	0.8	9
41	Organoelement chemistry: promising growth areas and challenges. Russian Chemical Reviews, 2018, 87, 393-507.	6.5	157
42	Alkoxytellation of Allylbenzene. Russian Journal of Organic Chemistry, 2018, 54, 526-529.	0.8	4
43	Bis(1,3-dioxolan-2-ylmethyl)selenide. Russian Journal of General Chemistry, 2017, 87, 357-358.	0.8	3
44	Methoxytellation of styrene with tellurium tetrabromide. Russian Journal of Organic Chemistry, 2017, 53, 299-300.	0.8	3
45	Stereoselective addition of tellurium tetrachloride to 4-octyne. Russian Journal of Organic Chemistry, 2017, 53, 301-302.	0.8	4
46	Reactions of selenium dihalides with vinylbenzenes. Russian Journal of Organic Chemistry, 2017, 53, 322-325.	0.8	1
47	Selenium dihalides: new possibilities for the synthesis of selenium-containing heterocycles (microreview). Chemistry of Heterocyclic Compounds, 2017, 53, 150-152.	1.2	28
48	Reaction of 2-bromomethyl-1,3-thiaselenole with thiourea: en route to the first representatives of 2-(organysulfanyl)-2,3-dihydro-1,4-thiaselenines. Tetrahedron Letters, 2017, 58, 4381-4383.	1.4	24
49	Regio- and stereoselective addition of tellurium tetrachloride to methyl propargyl ether. Russian Journal of Organic Chemistry, 2017, 53, 1268-1269.	0.8	3
50	Stereoselective synthesis of (E)-vinyltellanes based on the reaction of tellurium tetrachloride with bis(trimethylsilyl)acetylene. Russian Chemical Bulletin, 2017, 66, 574-576.	1.5	1
51	Synthesis of [3-(trimethylsilyl)prop-2-yn-1-yl] selenides. Russian Journal of Organic Chemistry, 2017, 53, 1510-1513.	0.8	3
52	Regioselective synthesis of functional tellanes from tellurium tetrahalides and 1-octene. Russian Journal of Organic Chemistry, 2017, 53, 652-655.	0.8	3
53	Synthesis of bis(2-haloalkyl) selanes and selenides based on selenium dioxide and terminal alkenes. Russian Journal of Organic Chemistry, 2017, 53, 1809-1814.	0.8	2
54	Dipropadienyl telluride. Russian Chemical Bulletin, 2017, 66, 2343-2344.	1.5	1

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55	Regio-selective syntheses of bis(2-haloalkyl) selenides and dihalo[bis(2-haloalkyl)]-1,4-selenes from selenium dihalides and 1-alkenes and the methoxyseleenylation reaction. <i>Arkivoc</i> , 2017, 2017, 365-376.	0.5	6
56	Highly efficient regioselective synthesis of organotellurium compounds based on the reactions of tellurium tetrachloride with 1-alkenes. <i>Arkivoc</i> , 2017, 2017, 326-334.	0.5	5
57	Reaction of selenium dihalides with 2-(allylsulfanyl)ethanol. <i>Russian Journal of Organic Chemistry</i> , 2016, 52, 1533-1534.	0.8	3
58	Effective synthesis of bis(1,4-dioxan-2-ylmethyl)selenide and selenoxide. <i>Russian Journal of Organic Chemistry</i> , 2016, 52, 1715-1716.	0.8	2
59	Efficient methods of synthesis of unsaturated alcohols and ketones by allylation of Favorsky reaction products under phase transfer conditions. <i>Russian Journal of Organic Chemistry</i> , 2016, 52, 1733-1737.	0.8	1
60	Reaction of tellurium tetrachloride with hept-1-ene. <i>Russian Journal of Organic Chemistry</i> , 2016, 52, 1509-1510.	0.8	5
61	Reactions of sodium 2-pyridylchalcogenolates with propargyl halides. <i>Russian Chemical Bulletin</i> , 2016, 65, 2982-2984.	1.5	3
62	Efficient synthetic methods for unsaturated 3,4,5-trimethoxybenzyl sulfides and ethers. <i>Russian Journal of Organic Chemistry</i> , 2016, 52, 1571-1575.	0.8	1
63	Synthesis of new functionalized organoselenium compounds by heterocyclization of selenium dihalides with pent-4-en-1-ol. <i>Russian Journal of Organic Chemistry</i> , 2016, 52, 339-342.	0.8	11
64	Rearrangements in methanolysis of bis(2-bromoalkyl)selenides. <i>Russian Journal of Organic Chemistry</i> , 2016, 52, 186-191.	0.8	8
65	Synthesis of bis(tetrahydrofuran-2-ylmethyl) sulfide and sulfoxide. <i>Russian Journal of Organic Chemistry</i> , 2016, 52, 283-284.	0.8	2
66	Unexpected Regioselective Reactions of 2-Bromomethyl-1,3-thiaselenole with Dithiocarbamates: The First Example of Nucleophilic Attack at Selenium Atom of Seleniranium Intermediate. <i>Synlett</i> , 2016, 27, 1653-1658.	1.8	23
67	Effective synthesis of 2,2-[(selenediylbis(cycloalkyl))] diacetates. <i>Russian Journal of Organic Chemistry</i> , 2016, 52, 1207-1208.	0.8	1
68	First syntheses of allenyl methyl selenide and methyl propargyl selenide. <i>Russian Journal of Organic Chemistry</i> , 2016, 52, 1054-1055.	0.8	3
69	First coordination compounds of SeBr ₂ with selenium-containing ligands: X-ray structural determination. <i>Mendeleev Communications</i> , 2016, 26, 532-534.	1.6	8
70	Efficient and selective syntheses of novel unsaturated chalcogen-containing pyridine derivatives. <i>Tetrahedron Letters</i> , 2016, 57, 5341-5343.	1.4	20
71	Synthesis of Novel Pyrimidine Derivatives Containing the Vinylsulfanyl Group by Regio- and Stereoselective Addition of Thiouracils to Ethynyl Ketones. <i>Heteroatom Chemistry</i> , 2015, 26, 187-193.	0.7	2
72	2,6-Dihalo-9-selenabicyclo[3.3.1]nonanes and their complexes with selenium dihalides: synthesis and structural characterisation. <i>New Journal of Chemistry</i> , 2015, 39, 8055-8059.	2.8	34

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73	Recent Advances in Organochalcogen Synthesis Based on Reactions of Chalcogen Halides with Alkynes and Alkenes. <i>Current Organic Chemistry</i> , 2015, 20, 136-145.	1.6	67
74	Quantum-chemical study of organic reaction mechanisms. Part 2. Addition of selenium dichloride to acetylene. <i>Journal of Organometallic Chemistry</i> , 2014, 766, 49-56.	1.8	10
75	First example of a high-level correlated calculation of the indirect spin-spin coupling constants involving tellurium: tellurophene and divinyl telluride. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 13101-13107.	2.8	30
76	Open-chain unsaturated selanyl sulfides: stereochemical structure and stereochemical behavior of their ${}^{77}\text{Se}$ - ${}^1\text{H}$ spin-spin coupling constants. <i>Magnetic Resonance in Chemistry</i> , 2012, 50, 653-658.	1.9	20
77	Stereoselective synthesis of (E,E)-bis(2-halovinyl) selenides and its derivatives based on selenium halides and acetylene. <i>Tetrahedron</i> , 2012, 68, 10567-10572.	1.9	36
78	Synthesis of Novel E-2-Chlorovinyltellurium Compounds Based on the Stereospecific Anti-addition of Tellurium Tetrachloride to Acetylene. <i>Molecules</i> , 2012, 17, 5770-5779.	3.8	27
79	Reactions of selenium dichloride and dibromide with unsaturated ethers. Annulation of 2,3-dihydro-1,4-oxaselenine to the benzene ring. <i>Tetrahedron Letters</i> , 2011, 52, 4606-4610.	1.4	54
80	Thia-, Aza-, and Seleno[3.3.1]bicyclononane Dichlorides: Rates vs Internal Nucleophile in Anchimeric Assistance. <i>Journal of Organic Chemistry</i> , 2011, 76, 4392-4395.	3.2	78
81	Conformational analysis and diastereotopic assignments in the series of selenium-containing heterocycles by means of ${}^{77}\text{Se}$ - ${}^1\text{H}$ spin-spin coupling constants: a combined theoretical and experimental study. <i>Magnetic Resonance in Chemistry</i> , 2011, 49, 389-398.	1.9	42
82	Unexpected reaction of N,N-dichloroarenesulfonamides with divinyl sulfide: formation of N-[2-chloro- and N-[2,2-dichloro-1-(arylsulfonylamino)ethyl]arenesulfonamides. <i>Arkivoc</i> , 2011, 2011, 182-192.	0.5	2
83	Quantum chemical studies of the reaction of selenium dichloride with divinyl sulfide and comparison with experimental results. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 1603-1608.	1.8	38
84	Reactions of selenium dichloride and dibromide with divinyl selenide: synthesis of novel selenium heterocycles and rearrangement of 2,6-dihalo-1,4-diselenanes. <i>Tetrahedron Letters</i> , 2010, 51, 89-92.	1.4	52
85	Reactions of selenium dichloride and dibromide with divinyl sulfone: synthesis of novel four- and five-membered selenium heterocycles. <i>Tetrahedron Letters</i> , 2010, 51, 5258-5261.	1.4	43
86	Addition of selenium dibromide to divinyl sulfide: spontaneous rearrangement of 2,6-dibromo-1,4-thiaselenane to 5-bromo-2-bromomethyl-1,3-thiaselenolane. <i>Tetrahedron Letters</i> , 2009, 50, 306-308.	1.4	81
87	The reaction of selenium dichloride with divinyl sulfide. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 3369-3372.	1.8	55
88	Reactions of sodium selenide with ethynyl and bromoethynyl ketones: Stereo- and regioselective synthesis of functionalized divinyl selenides and 1,3-diselenetanes. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 3679-3682.	1.8	19
89	Divinyl selenide: conformational study and stereochemical behavior of its ${}^{77}\text{Se}$ - ${}^1\text{H}$ spin-spin coupling constants. <i>Magnetic Resonance in Chemistry</i> , 2008, 46, 979-985.	1.9	43
90	4,4-Diorganyl-1,1,3,6-tetrachloro-1,4-tellura(IV)silafulvenes – New class of tellurium-silicon containing heterocycles. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 3650-3654.	1.8	11

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91	Reactions of selenourea with benzoyl- and 2-thienoylbromoacetylenes: synthesis of 1,3-diselenetanes and 1,4-diselenafulvenes. <i>Tetrahedron Letters</i> , 2008, 49, 974-976.	1.4	17
92	Terminal Organylchalcogenoethyl- and -propylamines and Their Schiff Base Derivatives. <i>Synthesis</i> , 2005, 2005, 1641-1648.	2.3	16
93	Rhodium complexes possessing S-phosphinite ligands with or without an amino group: application to hydroformylation of styrene. <i>Inorganica Chimica Acta</i> , 2004, 357, 2850-2854.	2.4	19
94	Cross-Coupling of (Z)-1,2-Bis(ethylseleno)ethene with the Grignard Reagents.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
95	A Synthesis of 1-Thia-4-chalcogenacyclohexane-1-oxides and 1,1-Dioxides.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
96	Cross-coupling of (Z)-1,2-bis(ethylseleno)ethene with the Grignard reagents. <i>Journal of Organometallic Chemistry</i> , 2003, 674, 101-103.	1.8	21
97	A synthesis of 1-thia-4-chalcogenacyclohexane-1-oxides and 1,1-dioxides. <i>Journal of Organometallic Chemistry</i> , 2003, 674, 104-106.	1.8	6
98	Unexpected reaction of (Z)-1,2-bis(benzylseleno)-ethene: The formation of 1,4-diselenin. <i>Sulfur Letters</i> , 2003, 26, 137-140.	0.3	6
99	Terminal organylchalcogenoalkyl phosphonates. <i>Sulfur Letters</i> , 2003, 26, 47-54.	0.3	3
100	Syn addition of dialkyl diselenide to phenylacetylene in the presence of tin tetrachloride. <i>Sulfur Letters</i> , 2002, 25, 101-103.	0.3	6
101	Organic Diselenides and Ditellurides: Disproportionations, Synthesis of Stannyl Selenides, Reactions with Acetylenes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1998, 136, 591-594.	1.6	11
102	Synthesis Based on Electrophilic Selenium Reagents and Acetylenes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1998, 136, 587-590.	1.6	8
103	Novel Synthesis of Unsaturated Organoselenium and Organotellurium Compounds Based on Organic Dichalcogenides and Elemental Chalcogens. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1998, 136, 205-208.	1.6	7
104	SYNTHESIS OF ACETYLENIC TELLURIDES BY THE IODOMETHANE-INDUCED REACTION OF DIALKYL DITELLURIDES WITH PHENYLACETYLENE. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1993, 79, 273-275.	1.6	12
105	SYNTHESIS OF VINYLIC SELENIDES AND TELLURIDES BY THE ADDITION OF ALKANESELENOLATE AND -TELLUROLATE ANIONS TO ACETYLENES. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1993, 79, 277-280.	1.6	28