

Maxim Musalov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Recent Advances in Organochalcogen Synthesis Based on Reactions of Chalcogen Halides with Alkynes and Alkenes. <i>Current Organic Chemistry</i> , 2015, 20, 136-145.	0.9	67
2	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.	0.7	54
3	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.	0.7	43
4	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.	1.0	36
5	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.	1.4	34
6	Selenium dihalides: new possibilities for the synthesis of selenium-containing heterocycles (microreview). <i>Chemistry of Heterocyclic Compounds</i> , 2017, 53, 150-152.	0.6	28
7	Annulation of phenyl propargyl ether with selenium dichloride. <i>Russian Chemical Bulletin</i> , 2011, 60, 767-768.	0.4	26
8	Regioselective synthesis of bis[(2,3-dihydro-1-benzofuran-2-yl)methyl]selenide. <i>Russian Journal of Organic Chemistry</i> , 2014, 50, 1702-1703.	0.3	22
9	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.	1.4	21
10	Stereospecific synthesis of E,E-bis(2-chlorovinyl)selenide. <i>Russian Journal of General Chemistry</i> , 2010, 80, 541-542.	0.3	20
11	Efficient and selective syntheses of novel unsaturated chalcogen-containing pyridine derivatives. <i>Tetrahedron Letters</i> , 2016, 57, 5341-5343.	0.7	20
12	Reaction of tellurium tetrachloride with acetylene. <i>Russian Chemical Bulletin</i> , 2009, 58, 2404-2405.	0.4	17
13	Reactions of stereoselective addition of selenium dibromide and monobromide to acetylene. <i>Russian Journal of Organic Chemistry</i> , 2010, 46, 753-754.	0.3	17
14	Reaction of selenium dichloride with allyl phenyl ether. <i>Russian Journal of Organic Chemistry</i> , 2011, 47, 948-949.	0.3	16
15	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.	0.8	16
16	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.	0.3	16
17	A regio- and stereospecific reaction of tellurium tetrachloride with (trimethyl)(propargyl)silane. <i>Russian Chemical Bulletin</i> , 2012, 61, 2365-2366.	0.4	15
18	Regioselective reaction of tellurium tetrabromide with 1-hexene and methanol. <i>Russian Journal of Organic Chemistry</i> , 2013, 49, 1703-1704.	0.3	15

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19	anti-Markovnikov addition of tellurium tetrachloride to trimethyl ethynyl silane. Journal of Organometallic Chemistry, 2008, 693, 2509-2513.	0.8	14
20	Reactions of selenium dichloride and dibromide with diallyl telluride. Russian Journal of General Chemistry, 2011, 81, 2201-2202.	0.3	14
21	Stereospecific synthesis of E,E-bis(2-bromovinyl)tellurium dibromide. Russian Chemical Bulletin, 2012, 61, 2363-2364.	0.4	13
22	Reactions of selenium bromides with butyl vinyl ether. Russian Journal of Organic Chemistry, 2011, 47, 1594-1595.	0.3	12
23	Regio- and stereoselective addition of selenium dihalogenides to propargyl halogenides. Russian Journal of General Chemistry, 2011, 81, 1239-1240.	0.3	11
24	Reaction of selenium dichloride with divinyl telluride. Russian Journal of Organic Chemistry, 2011, 47, 950-951.	0.3	11
25	Synthesis of new functionalized organoselenium compounds by heterocyclization of selenium dihalides with pent-4-en-1-ol. Russian Journal of Organic Chemistry, 2016, 52, 339-342.	0.3	11
26	Reaction of selenium dichloride with trimethylpropargylsilane. Russian Chemical Bulletin, 2011, 60, 769-770.	0.4	10
27	Remarkable Alkene-to-Alkene and Alkene-to-Alkyne Transfer Reactions of Selenium Dibromide and PhSeBr. Stereoselective Addition of Selenium Dihalides to Cycloalkenes. Molecules, 2020, 25, 194.	1.7	10
28	Reaction of diselenium dichloride with acetylene. Russian Journal of Organic Chemistry, 2011, 47, 1115-1116.	0.3	9
29	An Effective Method for the Synthesis of 3,5-bis(halomethyl)-1,4-Oxaselenanes and their Derivatives. Chemistry of Heterocyclic Compounds, 2014, 49, 1821-1826.	0.6	9
30	Synthesis of Fused Compounds on the Basis of Chalcogen Chlorides and 2-Allylphenols. Russian Journal of Organic Chemistry, 2018, 54, 1035-1040.	0.3	9
31	Rearrangements in methanolysis of bis(2-bromoalkyl)selenides. Russian Journal of Organic Chemistry, 2016, 52, 186-191.	0.3	8
32	Immunotropic Properties of an Experimental Synthetic Selenium-Organic Compound. Bulletin of Experimental Biology and Medicine, 2020, 169, 40-42.	0.3	8
33	Allylation of acetylene under atmospheric pressure. Russian Journal of Organic Chemistry, 2013, 49, 1834-1835.	0.3	7
34	(Z,Z)-Selanediylbis(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. Molecules, 2020, 25, 5940.	1.7	7
35	Regioselective reaction of selenium dichloride and dibromide with diallyl sulfide. Russian Journal of Organic Chemistry, 2012, 48, 1580-1581.	0.3	6
36	Stereoselective synthesis of (E)-(2-bromovinyl)tellurium tribromide. Russian Journal of Organic Chemistry, 2013, 49, 1397-1398.	0.3	6

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37	Regioselective reaction of selenium dihalides with methyl vinyl ketone. Russian Journal of Organic Chemistry, 2013, 49, 1831-1833.	0.3	6
38	Reaction of tellurium tetrachloride with hex-3-yne. Russian Chemical Bulletin, 2015, 64, 2747-2748.	0.4	6
39	Methoxyselenation of cyclopentene with selenium dibromide. Russian Journal of Organic Chemistry, 2015, 51, 1662-1663.	0.3	6
40	Regio-selective syntheses of bis(2-haloalkyl) selenides and dihalo[bis(2-haloalkyl)]-4-selanes from selenium dihalides and 1-alkenes and the methoxyselenenylation reaction. Arkivoc, 2017, 2017, 365-376.	0.3	6
41	Selective synthesis of allenyl aryl tellurides from diaryl ditellurides and propargyl bromide. Russian Journal of Organic Chemistry, 2012, 48, 1569-1570.	0.3	5
42	Reaction of tellurium tetrachloride with hept-1-ene. Russian Journal of Organic Chemistry, 2016, 52, 1509-1510.	0.3	5
43	Highly efficient regioselective synthesis of organotellurium compounds based on the reactions of tellurium tetrachloride with 1-alkenes. Arkivoc, 2017, 2017, 326-334.	0.3	5
44	Synthesis of Functionalized Diorganyl Selenides from Selenium Dihalides and Allylic Aromatic Compounds. Russian Journal of Organic Chemistry, 2019, 55, 1153-1159.	0.3	5
45	Selenium Dihalides Click Chemistry: Highly Efficient Stereoselective Addition to Alkynes and Evaluation of Glutathione Peroxidase-Like Activity of Bis(E-2-halovinyl) Selenides. Molecules, 2022, 27, 1050.	1.7	5
46	Synthesis of 2,6-bis(chloromethyl)-1,4-diselenane. Russian Chemical Bulletin, 2011, 60, 2128-2129.	0.4	4
47	Stereo- and regioselective reaction of selenium dichloride and dibromide with ethynyl(trimethyl)silane. Russian Journal of Organic Chemistry, 2012, 48, 1571-1573.	0.3	4
48	Synthesis of pent-1-en-4-yne by the CuI-catalyzed reaction of acetylene with allyl bromide. Russian Chemical Bulletin, 2012, 61, 2007-2008.	0.4	4
49	One-pot synthesis of unsymmetrical divinyltellane from TeCl ₄ , phenylacetylene, and 1-hexyne. Russian Journal of Organic Chemistry, 2013, 49, 1707-1708.	0.3	4
50	Synthesis of 2-(trichloro-4-tellanylmethyl)tetrahydro-2H-pyran and bis(tetrahydro-2H-pyran-2-ylmethyl) ditelluride. Russian Journal of Organic Chemistry, 2015, 51, 1805-1806.	0.3	4
51	Stereoselective addition of tellurium tetrachloride to 4-octyne. Russian Journal of Organic Chemistry, 2017, 53, 301-302.	0.3	4
52	Alkoxytelluration of Allylbenzene. Russian Journal of Organic Chemistry, 2018, 54, 526-529.	0.3	4
53	Regio- and stereoselective reaction of sodium benzeneselenolate with 3-(trimethylsilyl)prop-2-ynamides. Russian Chemical Bulletin, 2019, 68, 2134-2136.	0.4	4
54	Efficient Synthesis of a New Family of 2,6-Disulfanyl-9-Selenabicyclo[3.3.1]Nonanes. Molecules, 2021, 26, 2849.	1.7	4

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55	A Regioselective Synthesis of Novel Functionalized Organochalcogen Compounds by Chalcogenocyclofunctionalization Reactions Based on Chalcogen Halides and Natural Products. <i>Molecules</i> , 2021, 26, 3729.	1.7	4
56	Reaction of selenium tetrabromide with acetylene. <i>Russian Journal of General Chemistry</i> , 2011, 81, 1241-1242.	0.3	3
57	Stereoselective synthesis of Z-2-bromo-2-phenylvinyltellurium tribromide and Z,Z-bis(2-bromo-2-phenylvinyl)diteLLuride. <i>Russian Journal of General Chemistry</i> , 2013, 83, 2343-2344.	0.3	3
58	Regioselective reaction of tellurium tetrabromide with allyl phenyl ether. <i>Russian Journal of General Chemistry</i> , 2014, 84, 2462-2463.	0.3	3
59	Reaction of tellurium tetrachloride with phenyl propargyl ether. <i>Russian Journal of Organic Chemistry</i> , 2014, 50, 1540-1541.	0.3	3
60	Efficient method for the synthesis of bis(tetrahydro-2H-pyran-2-ylmethyl) selenide. <i>Russian Chemical Bulletin</i> , 2015, 64, 2973-2974.	0.4	3
61	Annulation of dihydrofuran ring to benzene in the reaction of 2-allylphenol with sulfur dichloride. <i>Russian Journal of Organic Chemistry</i> , 2015, 51, 1351-1352.	0.3	3
62	Reaction of selenium dihalides with 2-(allylsulfanyl)ethanol. <i>Russian Journal of Organic Chemistry</i> , 2016, 52, 1533-1534.	0.3	3
63	Reactions of sodium 2-pyridylchalcogenolates with propargyl halides. <i>Russian Chemical Bulletin</i> , 2016, 65, 2982-2984.	0.4	3
64	First syntheses of allenyl methyl selenide and methyl propargyl selenide. <i>Russian Journal of Organic Chemistry</i> , 2016, 52, 1054-1055.	0.3	3
65	Bis(1,3-dioxolan-2-ylmethyl)selenide. <i>Russian Journal of General Chemistry</i> , 2017, 87, 357-358.	0.3	3
66	Methoxytellation of styrene with tellurium tetrabromide. <i>Russian Journal of Organic Chemistry</i> , 2017, 53, 299-300.	0.3	3
67	Regio- and stereoselective addition of tellurium tetrachloride to methyl propargyl ether. <i>Russian Journal of Organic Chemistry</i> , 2017, 53, 1268-1269.	0.3	3
68	Synthesis of [3-(trimethylsilyl)prop-2-yn-1-yl] selenides. <i>Russian Journal of Organic Chemistry</i> , 2017, 53, 1510-1513.	0.3	3
69	Regioselective synthesis of functional tellanes from tellurium tetrahalides and 1-octene. <i>Russian Journal of Organic Chemistry</i> , 2017, 53, 652-655.	0.3	3
70	Regio- and Stereoselective Synthesis of (Z)-2-Chloro-2-phenyl-1-propylethenyltellanes. <i>Russian Journal of Organic Chemistry</i> , 2018, 54, 1725-1727.	0.3	3
71	Regio- and Stereoselective Addition of Selenium Dichloride to Alkyl Propiolates. <i>Russian Journal of Organic Chemistry</i> , 2019, 55, 1809-1811.	0.3	3
72	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.	1.2	3

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73	Cyclization of bis(2-chlorovinyl)selenide into 2-(dichloromethyl)-4,5-dichloro-1,3-diselenolane with selenium dichloride. <i>Chemistry of Heterocyclic Compounds</i> , 2012, 47, 1453-1454.	0.6	2
74	Stereoselective reaction of selenium dihalides with hex-3-yne. <i>Russian Journal of Organic Chemistry</i> , 2013, 49, 1836-1838.	0.3	2
75	Synthesis of Z,Z-Bis(2-chlorovinyl)ditelluride. <i>Russian Journal of General Chemistry</i> , 2014, 84, 2460-2461.	0.3	2
76	Synthesis of deca-1,9-diene-4,6-diyne from diacetylene. <i>Russian Journal of Organic Chemistry</i> , 2014, 50, 898-899.	0.3	2
77	Synthesis of bis(2-haloethyl) selenides by reaction of selenium dihalides with ethylene. <i>Russian Journal of Organic Chemistry</i> , 2014, 50, 291-292.	0.3	2
78	Effective synthesis of bis(1,4-dioxan-2-ylmethyl)selenide and selenoxide. <i>Russian Journal of Organic Chemistry</i> , 2016, 52, 1715-1716.	0.3	2
79	Synthesis of bis(tetrahydrofuran-2-ylmethyl) sulfide and sulfoxide. <i>Russian Journal of Organic Chemistry</i> , 2016, 52, 283-284.	0.3	2
80	Synthesis of bis(2-haloalkyl) selanes and selenides based on selenium dioxide and terminal alkenes. <i>Russian Journal of Organic Chemistry</i> , 2017, 53, 1809-1814.	0.3	2
81	Regio- and Stereoselective Synthesis of Functionalized Vinyl Sulfides Based on Pyridine-2-thiol and Propynoic Acid and Its Derivatives. <i>Russian Journal of Organic Chemistry</i> , 2018, 54, 1798-1802.	0.3	2
82	Ethoxytelluration of Terminal Alkenes with Tellurium Tetrahalides. <i>Russian Journal of Organic Chemistry</i> , 2018, 54, 1290-1293.	0.3	2
83	Regio- and Stereoselective Synthesis of (E)-2-Bromo-1-(phenoxyethyl)vinyltellanes. <i>Russian Journal of General Chemistry</i> , 2019, 89, 1931-1933.	0.3	2
84	First synthesis of hept-6-en-1,3-diyne. <i>Russian Chemical Bulletin</i> , 2015, 64, 2273-2274.	0.4	1
85	Reactions of tellurium tetrahalides with methyleugenol. <i>Russian Journal of Organic Chemistry</i> , 2015, 51, 1666-1667.	0.3	1
86	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.	0.3	1
87	Efficient synthetic methods for unsaturated 3,4,5-trimethoxybenzyl sulfides and ethers. <i>Russian Journal of Organic Chemistry</i> , 2016, 52, 1571-1575.	0.3	1
88	Effective synthesis of 2,2-[(selenediylbis(cycloalkyl))] diacetates. <i>Russian Journal of Organic Chemistry</i> , 2016, 52, 1207-1208.	0.3	1
89	Reactions of selenium dihalides with vinylbenzenes. <i>Russian Journal of Organic Chemistry</i> , 2017, 53, 322-325.	0.3	1
90	Stereoselective synthesis of (E)-vinyltellanes based on the reaction of tellurium tetrachloride with bis(trimethylsilyl)acetylene. <i>Russian Chemical Bulletin</i> , 2017, 66, 574-576.	0.4	1

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91	Dipropadienyl telluride. Russian Chemical Bulletin, 2017, 66, 2343-2344.	0.4	1
92	First Synthesis of 1,4-Oxathian-2-ylmethyltellanes. Russian Journal of Organic Chemistry, 2018, 54, 1854-1855.	0.3	1
93	Bis(tetrahydro-2H-pyran-2-ylmethyl)sulfide and -Sulfoxide from Sulfur Dichloride and 5-Hexen-1-ol. Russian Journal of General Chemistry, 2018, 88, 2689-2690.	0.3	1
94	Synthesis of 2,3-Dihydro-1-benzofuran-2-ylmethyltellanes. Russian Journal of General Chemistry, 2018, 88, 1751-1753.	0.3	1
95	One-Pot Synthesis of Functionalized 1,1- ϵ^2 -(9-Selenabicyclo[3.3.1]nonane-2,6-diyl)dipyridinium Dibromides. Russian Journal of Organic Chemistry, 2021, 57, 668-670.	0.3	1
96	Synthesis of Functional Dihydro-1,4-benzoxaselenines from Carvacrol Allyl Ether and Selenium Dihalides. Russian Journal of Organic Chemistry, 2020, 56, 2258-2262.	0.3	1
97	Effect of a Synthetic Organoselenium Compound on Post-Vaccination Immunopoiesis in the Red Bone Marrow and Cell Composition of Peripheral Blood of White Mice Vaccinated with Yersinia pestis EV. Bulletin of Experimental Biology and Medicine, 2021, 171, 651-655.	0.3	1
98	Pd(PPh ₃) ₄ : the First Example of the Sonogashira Cross Coupling Involving Vinyl Selenide. Russian Journal of Organic Chemistry, 2021, 57, 1882-1886.	0.3	1
99	Alkoxytelluration of Styrene with Tellurium Tetrahalides. Russian Journal of General Chemistry, 2019, 89, 2154-2158.	0.3	0
100	Stereoselective synthesis of functionalized divinyl sulfides based on sulfur dichloride and (trimethylsilyl)acetylene. Russian Chemical Bulletin, 2021, 70, 420-423.	0.4	0
101	Efficient Synthesis of 2-[(Alkyltellanyl)methyl]-2,3-dihydro-1-benzofurans from Tellurium Tetrahalides and 2-Allylphenols. Russian Journal of Organic Chemistry, 2021, 57, 545-550.	0.3	0
102	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. Russian Journal of Organic Chemistry, 2021, 57, 558-564.	0.3	0
103	Synthesis of 2,6-Dibromo-9-selenabicyclo[3.3.1]nonane-Based Pyridinium Salts Containing Acetal Groups. Russian Journal of Organic Chemistry, 2022, 58, 628-632.	0.3	0