

Maxim V Penzik

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4092934/publications.pdf>

Version: 2024-02-01

37
papers

652
citations

567281
15
h-index

580821
25
g-index

40
all docs

40
docs citations

40
times ranked

145
citing authors

#	ARTICLE	IF	CITATIONS
1	Addition of selenium dibromide to divinyl sulfide: spontaneous rearrangement of 2,6-dibromo-1,4-thiaselenane to 5-bromo-2-bromomethyl-1,3-thiaselenolane. Tetrahedron Letters, 2009, 50, 306-308.	1.4	81
2	The reaction of selenium dichloride with divinyl sulfide. Journal of Organometallic Chemistry, 2009, 694, 3369-3372.	1.8	55
3	Reactions of selenium dichloride and dibromide with divinyl selenide: synthesis of novel selenium heterocycles and rearrangement of 2,6-dihalo-1,4-diselenanes. Tetrahedron Letters, 2010, 51, 89-92.	1.4	52
4	Unsaturated five-membered selenium-silicon containing heterocycles based on the reactions of selenium di- and tetrahalides with diorganyl diethynyl silanes. Journal of Organometallic Chemistry, 2007, 692, 946-952.	1.8	43
5	Conformational analysis and diastereotopic assignments in the series of selenium-containing heterocycles by means of ^{77}Se ^1H spin-spin coupling constants: a combined theoretical and experimental study. Magnetic Resonance in Chemistry, 2011, 49, 389-398.	1.9	42
6	Quantum chemical studies of the reaction of selenium dichloride with divinyl sulfide and comparison with experimental results. Journal of Organometallic Chemistry, 2010, 695, 1603-1608.	1.8	38
7	Reaction of selenium dichloride with divinyl selenide. Russian Journal of Organic Chemistry, 2008, 44, 1556-1557.	0.8	27
8	Reaction of 2-bromomethyl-1,3-thiaselenole with thiourea: en route to the first representatives of 2-(organylsulfanyl)-2,3-dihydro-1,4-thiaselenines. Tetrahedron Letters, 2017, 58, 4381-4383.	1.4	24
9	Synthesis of 2,6-dichloro-1,4-thiaselenane from divinyl sulfide and selenium dichloride. Russian Journal of Organic Chemistry, 2009, 45, 1271-1272.	0.8	23
10	Unexpected Regioselective Reactions of 2-Bromomethyl-1,3-thiaselenole with Dithiocarbamates: The First Example of Nucleophilic Attack at Selenium Atom of Seleniranium Intermediate. Synlett, 2016, 27, 1653-1658.	1.8	23
11	Synthesis of 4-bromo-2-bromomethyl-1,3-diselenolane from selenium dibromide and divinyl selenide. Russian Journal of General Chemistry, 2008, 78, 1990-1991.	0.8	22
12	Reaction of selenium dibromide with divinyl sulfide. Russian Journal of General Chemistry, 2009, 79, 161-161.	0.8	22
13	Open-chain unsaturated selenyl sulfides: stereochemical structure and stereochemical behavior of their ^{77}Se ^1H spin-spin coupling constants. Magnetic Resonance in Chemistry, 2012, 50, 653-658.	1.9	20
14	Unsaturated five-membered selenium-germanium containing heterocycles based on the reactions of selenium di- and tetrahalides with diorganyl diethynyl germanes. Journal of Organometallic Chemistry, 2008, 693, 3346-3350.	1.8	19
15	A rearrangement in the reaction of 2-bromomethyl-1,3-thiaselenole with ethanol: synthesis of 2-ethoxy-2,3-dihydro-1,4-thiaselenine. Russian Chemical Bulletin, 2011, 60, 766-766.	1.5	15
16	New reaction accompanied with rearrangement of 2-(bromomethyl)-1,3-thiaselenol with furan-2- and thiophene-2-carboxylic acids. Russian Journal of Organic Chemistry, 2014, 50, 1708-1710.	0.8	12
17	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. Journal of Organometallic Chemistry, 2018, 867, 398-403.	1.8	12
18	Regio- and Stereoselective Synthesis of a Novel Family of Unsaturated Compounds with the Se-Se Bond and Their Cyclization to 2,3-Dihydro-1,4-thiaselenines. Synthesis, 2019, 51, 1832-1840.	2.3	12

#	ARTICLE	IF	CITATIONS
19	4,4-Diorganyl-1,1,3,6-tetrachloro-1,4-tellura(IV)silafulvenes – New class of tellurium–silicon containing heterocycles. Journal of Organometallic Chemistry, 2008, 693, 3650-3654.	1.8	11
20	Reaction of selenium dichloride with divinyl telluride. Russian Journal of Organic Chemistry, 2011, 47, 950-951.	0.8	11
21	Unexpected reaction of 2-(bromomethyl)-1,3-thiaselenole with ammonium thiocyanate. Russian Journal of Organic Chemistry, 2015, 51, 287-289.	0.8	11
22	A reaction of selenium dichloride with divinyl sulfide. Russian Chemical Bulletin, 2008, 57, 1323-1323.	1.5	10
23	Expedient procedure for preparation of 2-chloromethyl-1,3-diselenol. Russian Journal of General Chemistry, 2009, 79, 1225-1226.	0.8	10
24	Unexpected reaction of 2-bromomethyl-1,3-thiaselenole with salts of carboxylic acids. Russian Journal of Organic Chemistry, 2014, 50, 152-154.	0.8	10
25	A segmental analysis of pyrolysis of woody biomass. Thermochemica Acta, 2022, 711, 179209.	2.7	7
26	Unexpected regio- and stereoselective reaction of 2-bromomethyl-1,3-thiaselenole with ketones. Formation of 1-[(Z)-2-(vinylsulfanyl)ethenyl]selenylalkan-2-ones. Russian Journal of Organic Chemistry, 2014, 50, 916-918.	0.8	6
27	Synthesis of 2,6-dichloro-1,4-dithiane. The effect of the chalcogen nature on the stability of 2,6-dichloro-1,4-thiachalcogenanes. Chemistry of Heterocyclic Compounds, 2013, 48, 1716-1718.	1.2	5
28	Unstratified Downdraft Gasification: Conditions for Pyrolysis Zone Existence. Energy Procedia, 2019, 158, 649-654.	1.8	5
29	A DSC signal for studying kinetics of moisture evaporation from lignocellulosic fuels. Thermochemica Acta, 2021, 698, 178887.	2.7	5
30	Reaction of divinyl sulfide with selenourea. Russian Journal of Organic Chemistry, 2007, 43, 1087-1087.	0.8	4
31	Reaction of divinyl selenide with selenourea. Russian Journal of General Chemistry, 2008, 78, 503-503.	0.8	3
32	Electrophilic addition of selenium and tellurium halides to methyldiethynylsilane. Russian Journal of General Chemistry, 2009, 79, 221-227.	0.8	3
33	Experimental study on fixed-bed combustion and agglomeration of sawdust–polyethylene mixtures. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-13.	2.3	3
34	Reaction of divinyl selenide with thiourea. Russian Chemical Bulletin, 2007, 56, 2513-2514.	1.5	2
35	Reaction of divinyl sulfide with selenium tetrachloride. Russian Journal of General Chemistry, 2010, 80, 1387-1388.	0.8	2
36	Verification of the heat transfer model for screw reactor. MATEC Web of Conferences, 2018, 240, 05017.	0.2	1

#	ARTICLE	IF	CITATIONS
37	Algorithm for the interpretation of mass spectra in the study of thermochemical conversion of lignocellulosic raw materials using complex combined thermal analysis. E3S Web of Conferences, 2019, 114, 06010.	0.5	1