

# Maxim V Penzik

## List of Publications by Year in descending order

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37  
papers

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citations

567281

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580821

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40  
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40  
docs citations

40  
times ranked

145  
citing authors

#	ARTICLE	IF	CITATIONS
1	A segmental analysis of pyrolysis of woody biomass. <i>Thermochimica Acta</i> , 2022, 711, 179209.	2.7	7
2	A DSC signal for studying kinetics of moisture evaporation from lignocellulosic fuels. <i>Thermochimica Acta</i> , 2021, 698, 178887.	2.7	5
3	Algorithm for the interpretation of mass spectra in the study of thermochemical conversion of lignocellulosic raw materials using complex combined thermal analysis. <i>E3S Web of Conferences</i> , 2019, 114, 06010.	0.5	1
4	Unstratified Downdraft Gasification: Conditions for Pyrolysis Zone Existence. <i>Energy Procedia</i> , 2019, 158, 649-654.	1.8	5
5	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
6	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
7	Verification of the heat transfer model for screw reactor. <i>MATEC Web of Conferences</i> , 2018, 240, 05017.	0.2	1
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. <i>Tetrahedron Letters</i> , 2017, 58, 4381-4383.	1.4	24
9	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
10	Unexpected reaction of 2-(bromomethyl)-1,3-thiaselenole with ammonium thiocyanate. <i>Russian Journal of Organic Chemistry</i> , 2015, 51, 287-289.	0.8	11
11	New reaction accompanied with rearrangement of 2-(bromomethyl)-1,3-thiaselenol with furan-2- and thiophene-2-carboxylic acids. <i>Russian Journal of Organic Chemistry</i> , 2014, 50, 1708-1710.	0.8	12
12	Unexpected reaction of 2-bromomethyl-1,3-thiaselenole with salts of carboxylic acids. <i>Russian Journal of Organic Chemistry</i> , 2014, 50, 152-154.	0.8	10
13	Unexpected regio- and stereoselective reaction of 2-bromomethyl-1,3-thiaselenole with ketones. Formation of 1-[(Z)-2-(vinylsulfanyl)ethenyl]selanylalkan-2-ones. <i>Russian Journal of Organic Chemistry</i> , 2014, 50, 916-918.	0.8	6
14	Synthesis of 2,6-dichloro-1,4-dithiane. The effect of the chalcogen nature on the stability of 2,6-dichloro-1,4-thiachalcogenanes. <i>Chemistry of Heterocyclic Compounds</i> , 2013, 48, 1716-1718.	1.2	5
15	Open-chain unsaturated selanyl sulfides: stereochemical structure and stereochemical behavior of their $^{77}\text{Se}^{\text{I}}\text{H}$ spin-spin coupling constants. <i>Magnetic Resonance in Chemistry</i> , 2012, 50, 653-658.	1.9	20
16	Reaction of selenium dichloride with divinyl telluride. <i>Russian Journal of Organic Chemistry</i> , 2011, 47, 950-951.	0.8	11
17	A rearrangement in the reaction of 2-bromomethyl-1,3-thiaselenole with ethanol: synthesis of 2-ethoxy-2,3-dihydro-1,4-thiaselenine. <i>Russian Chemical Bulletin</i> , 2011, 60, 766-766.	1.5	15
18	Conformational analysis and diastereotopic assignments in the series of selenium-containing heterocycles by means of $^{77}\text{Se}^{\text{I}}\text{H}$ spin-spin coupling constants: a combined theoretical and experimental study. <i>Magnetic Resonance in Chemistry</i> , 2011, 49, 389-398.	1.9	42

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19	Reaction of divinyl sulfide with selenium tetrachloride. Russian Journal of General Chemistry, 2010, 80, 1387-1388.	0.8	2
20	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
21	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
22	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
23	The reaction of selenium dichloride with divinyl sulfide. Journal of Organometallic Chemistry, 2009, 694, 3369-3372.	1.8	55
24	Reaction of selenium dibromide with divinyl sulfide. Russian Journal of General Chemistry, 2009, 79, 161-161.	0.8	22
25	Electrophilic addition of selenium and tellurium halides to methyldiethynylsilane. Russian Journal of General Chemistry, 2009, 79, 221-227.	0.8	3
26	Expedient procedure for preparation of 2-chloromethyl-1,3-diselenol. Russian Journal of General Chemistry, 2009, 79, 1225-1226.	0.8	10
27	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
28	A reaction of selenium dichloride with divinyl sulfide. Russian Chemical Bulletin, 2008, 57, 1323-1323.	1.5	10
29	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
30	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
31	Reaction of divinyl selenide with selenourea. Russian Journal of General Chemistry, 2008, 78, 503-503.	0.8	3
32	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
33	Reaction of selenium dichloride with divinyl selenide. Russian Journal of Organic Chemistry, 2008, 44, 1556-1557.	0.8	27
34	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
35	Reaction of divinyl sulfide with selenourea. Russian Journal of Organic Chemistry, 2007, 43, 1087-1087.	0.8	4
36	Reaction of divinyl selenide with thiourea. Russian Chemical Bulletin, 2007, 56, 2513-2514.	1.5	2

#	ARTICLE	IF	CITATIONS
37	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